

Massachusetts Division

August 9, 2018

55 Broadway, 10th Floor Cambridge, MA 02142 (617) 494-3657 (phone) (617) 494-3355 (fax) www.fhwa.dot.gov/madiv

In Reply Refer To: HDA-MA

David J. Mohler Executive Director Office of Transportation Planning Massachusetts Department of Transportation 10 Park Plaza Boston, MA 02116-3969

Subject: FY 2018-2022 Statewide Transportation Improvement Program Amendment #6

Dear Mr. Mohler:

Thank you for your letter dated July 26, 2018. The Federal Highway Administration has reviewed the Fiscal Years 2018-2022 Statewide Transportation Improvement Program (STIP) with the following amendments and adjustments received from the Massachusetts Department of Transportation.

<u>Action</u>	<u>Organization</u>
.3744	Adjustments
33.01-33.02	Central Mass Amendments
34.01	Merrimack Valley Amendments
35.01-35.02	Northern Middlesex Amendments
36.01	Statewide Amendments

These amendments do not require a conformity determination and, therefore, meet the requirements of 40 CFR §93.104(c)(2). The projects in the STIP are based on a planning process that substantially meets the requirements of Title 23, U.S.C., the Federal Transit Act and Subparts A, B, and C of 23 CFR 450. The Transportation Improvement Programs (TIPs) are based on a continuing, comprehensive transportation planning process carried out cooperatively by the State, the MPOs, and the transit operators.

The FY 2018-2022 STIP highway actions identified above are hereby approved. Should you have any questions or concerns, please contact me at (617) 494-3275 or Cassie Chase Ostrander at (617) 494-3113.

Sincerely,

Nelson Hoffman Program Development Team Leader

cc: Leah Sirmin, FTA Region I Ariel Garcia, EPA





July 26, 2018

Jeff H. McEwen Division Administrator Federal Highway Administration 55 Broadway – 10th floor Cambridge, Massachusetts 02142

Dear Mr. McEwen:

On behalf of Secretary Stephanie Pollack, I am writing to request your approval of the attached regional highway actions as endorsed by the Central Mass Metropolitan Planning Organization (MPO), Merrimack Valley MPO, Northern Middlesex MPO, Southeastern Mass MPO, and statewide highway actions as advanced by the Massachusetts Department of Transportation (MassDOT) pertaining to the Federal Fiscal Years 2018-2022 State Transportation Improvement Program:

.3744	Adjustments	
33.01-33.02	Central Mass Amendments	July 18, 2018
34.01	Merrimack Valley Amendments	June 27, 2018
35.01-35.02	Northern Middlesex Amendments	June 27, 2018
36.01	Statewide Amendments	July 24, 2018

These actions do not require an air quality conformity determination. If you have any questions, please call me at (857) 368-8865.

David J. Mohler

Sincerek

Executive Director

Office of Transportation Planning

cc: Steve Woelfel, Deputy Executive Director Bryan K. Pounds, STIP Coordinator Kostandin Theodori, FAPRO Federal Transit Administration

Massachusetts Department of Transportation - State Transportation Improvement Program Highway Actions Report 2018-2022

						Highway	Actions Re	port 201	8-202	2						
			PROJECT II	NFORMATION	ı	C	URRENT				RI	EVISED			FINANCIAL CONSTR	AINT
#	MPO	Project ID	Location	Description	Source	Total	Federal	Non - Federal	Year	Source	Total	Federal	Non- Federal	Year	Amendment Description	Date
.37	STATEWIL	DE 606938	MULTIPLE	DISTRICTS 4 AND 6 - EXPANSION OF ITS EQUIPMENT (CCTV CAMERAS, TRAFFIC SENSORS, AND VMS) FOR HIGHWAY OPERATIONS	NHPP	\$2,692,400	\$2,153,920	\$538,480	2018	NHPP	\$1,526,765	\$1,221,412	\$305,353	2018	ADJUSTMENT:Decrease Cost	07/24/18
				AC YR 1 of 2, Total Project Cost = \$6,707,265												
.38	STATEWIL	DE 607487	MULTIPLE	DISTRICT 3 - EXPANSION OF ITS EQUIPMENT (CCTV CAMERAS, TRAFFIC SENSORS, AND VMS) FOR HIGHWAY OPERATIONS	NHPP	\$4,622,400	\$3,697,920	\$924,480	2018	NHPP	\$4,726,460	\$3,781,168	\$945,292	2018	ADJUSTMENT:Increase Cost	07/24/18
				Construction / Total Project Cost = \$4,726,460												
.39	STATEWIL	DE 608991	MULTIPLE	DISTRICT 5 - EXPANSION OF ITS EQUIPMENT (CCTV CAMERAS, TRAFFIC SENSORS, AND VMS) FOR HIGHWAY OPERATIONS CONTRUCTION (Table Project Contract of A 405 205	NHPP	\$4,252,052	\$3,401,642	\$850,410	2018	NHPP	\$4,105,305	\$3,284,244	\$821,061	2018	ADJUSTMENT:Decrease Cost	07/24/18
				Construction / Total Project Cost = \$4,105,305												
.40	STATEWIL	DE 606938	MULTIPLE	DISTRICTS 4 AND 6 - EXPANSION OF ITS EQUIPMENT (CCTV CAMERAS, TRAFFIC SENSORS, AND VMS) FOR HIGHWAY OPERATIONS	NHPP	\$5,180,500	\$4,144,400	\$1,036,100	2019	NHPP	\$5,180,500	\$4,144,400	\$1,036,100	2019	ADJUSTMENT::Change Addl Info	07/24/18
				Construction/ Total Project Cost = \$\$6,707,265 AC Year 2 of 2												
.41	SE MASS	605677	MATTAPOISETT	MATTAPOISETT- MULTI-USE PATH CONSTRUCTION (PENN CENTRAL RIGHT OF WAY), FROM MATTAPOISETT NECK ROAD TO DEPOT STREET (PHASE 1B)	CMAQ	\$592,221	\$473,777	\$118,444	2018	CMAQ	\$592,221	\$473,777	\$118,444	2018	ADJUSTMENT::Change Addl Info	07/17/18
				Total Project Cost \$7,960,228 (FFY2018 \$592,221 CMAQ / FFY2019 \$2,143,101 TAP / FFY2019 \$5,224,906 CMAQ); AC YR 1 of 2 / PSAC score 20												
.42	SE MASS	605677	MATTAPOISETT	MATTAPOISETT- MULTI-USE PATH CONSTRUCTION (PENN CENTRAL RIGHT OF WAY), FROM MATTAPOISETT NECK ROAD TO DEPOT STREET (PHASE 1B)	CMAQ	\$7,443,936	\$5,955,149	\$1,488,787	2019	CMAQ	\$5,224,906	\$4,179,925	\$3,343,940	2019	ADJUSTMENT:Decrease Cost	07/17/18
				Total Project Cost \$7,960,228 (FFY2018 \$592,221 CMAQ / FFY2019 \$2,143,101 TAP / FFY2019 \$5,224,906 CMAQ); AC YR 2 of 2 / PSAC score 20												
.43	SE MASS	605677	MATTAPOISETT	MATTAPOISETT- MULTI-USE PATH CONSTRUCTION (PENN CENTRAL RIGHT OF WAY), FROM MATTAPOISETT NECK ROAD TO DEPOT STREET (PHASE 1B)	TAP	\$2,143,101	\$1,714,481	\$428,620	2019	TAP	\$2,143,101	\$1,714,481	\$1,371,585	2019	ADJUSTMENT::Change Addl Info	07/17/18
				Total Project Cost \$7,960,228 (FFY2018 \$592,221 CMAQ / FFY2019 \$2,143,101 TAP / FFY2019 \$5,224,906 CMAQ); AC YR 2 of 2 / PSAC score 20												
.44	SE MASS	608893	MULTIPLE	NORTON - TAUNTON - MEDIAN CABLE BARRIER INSTALLATION ON I-495	HSIP	\$1,293,500	\$1,164,150	\$129,350	2018	HSIP	\$940,771	\$846,694	\$94,077	2018	ADJUSTMENT:Change Project Desc ADJUSTMENT:Decrease Cost	07/17/18

Massachusetts Department of Transportation - State Transportation Improvement Program Highway Actions Report 2018-2022

			Highway	Actions Re	eport 2018	3-202	2					
											FINANCIAL CONS	TRAINT
# MPO Project Location	Description	Source	Total	Federal	Non - Federal	Year	Source	Total	Federal	Non- Federal	Year Amendment Description	Date
33.01 CENTRAL MA605820 WORCESTER	WORCESTER- BLACKSTONE RIVER BIKEWAY (SEGMENT 7), INCLUDING BRIDGE REHAB, W- 44-041, MCGRATH BOULEVARD OVER MADISON STREET	CMAQ	\$1,922,401	\$1,537,921	\$384,480	2018	CMAQ	\$2,181,354	\$1,745,083	\$436,271	2018 AMENDMENT:Increase Cost	07/18/18
	Construction / CMAQ + HPP Total Project Cost = \$7,060,000 / HPP#4283 - MA202, HPP#2218 - MA157, HPP#2509 - MA165 & MA006 / Design Status = 75%											
33.02 CENTRAL MA605820 WORCESTER	WORCESTER- BLACKSTONE RIVER BIKEWAY (SEGMENT 7), INCLUDING BRIDGE REHAB, W- 44-041, MCGRATH BOULEVARD OVER MADISON STREET	HPP	\$5,939,172	\$4,751,338	\$1,187,834	2018	НРР	\$4,878,646	\$3,902,917	\$975,729	2018 AMENDMENT: Decrease Cost	07/18/18
	Construction / CMAQ + HPP Total Project Cost = \$7,060,000 / HPP#4283 - MA202, HPP#2218 - MA157, HPP#2509 - MA165 & MA006 / Design Status = 75%											
34.01 MERRIMACK MV000 2	FLEX TO FTA FOR MVRTA FOR BIKE RACKS FOR BUSES AND BIKE RACKS FOR MCGOVERN TRANSPORTATION CENTER IN LAWRENCE					2018	STP	\$71,285	\$71,285	\$0	2018 AMENDMENT:Add Project	06/27/18
	b) \$71,285 (STP) + toll credits; e) Transfer to FTA; f) Toll Credits											
35.01 N. 608037 WESTFORD MIDDLESEX	WESTFORD- INTERSECTION IMPROVEMENTS @ GROTON ROAD (ROUTE 40) & DUNSTABLE ROAD	STP	\$1,659,715	\$1,327,772	\$331,943	2018	STP	\$2,773,260	\$2,218,608	\$554,652	2018 AMENDMENT:Increase Cost	06/27/18
	Construction; Total cost: \$3,362,131 using STP and CMAQ; NMMPO TEC Score: 6.25 out of 18.											
35.02 N. 608037 WESTFORD MIDDLESEX	WESTFORD- INTERSECTION IMPROVEMENTS @ GROTON ROAD (ROUTE 40) & DUNSTABLE ROAD	CMAQ	\$588,901	\$471,121	\$117,780	2018	CMAQ	\$588,901	\$471,121	\$117,780	2018 AMENDMENT: Change Addl Info	06/27/18
	Construction; Total cost: \$3,362,161 using STP and CMAQ; NMMPO TEC Score: 6.25 out of 18.											
36.01 STATEWIDE SELDM MULTIPLE	Stochastic Empirical Loading and Dilution Model					2018	OTHER FA	\$187,500	\$150,000	\$37,500	2018 AMENDMENT:Add Project	07/24/18
	Total Project Cost: \$232,500; USGS Contribution: \$45,000											

Federal Fiscal Year 2018						2018-2022 STIP, Rev006	
	I	II	III	IV	V	VI	
FUNDING CATEGORY	ANTICIPATED NET	ACTUAL CARRYOVER	ANTICIPATED	TOTAL FUNDS	PROGRAMMED	ESTIMATED BALANCE	NE
	APPORTIONMENTS OF	BALANCE	TRANSFER OF FUNDS	AVAILABLE (10/1)	OBLIGATIONS	REMAINING	PR
	FEDERAL FUNDS			SUBJECT TO			OE

FUNDING CATEGORY	ANTICIPATED NET APPORTIONMENTS OF FEDERAL FUNDS	ACTUAL CARRYOVER BALANCE	ANTICIPATED TRANSFER OF FUNDS	TOTAL FUNDS AVAILABLE (10/1) SUBJECT TO OBLIGATION AUTHORITY	PROGRAMMED OBLIGATIONS	ESTIMATED BALANCE REMAINING	NET CHANGE IN PROGRAMMED OBLIGATIONS
NATIONAL HIGHWAY PERFORMANCE	\$324,603,108	\$1,230,697	\$0	\$325,833,805	\$305,860,231	\$19,973,574	(\$966,650)
NATIONAL HIGHWAY FREIGHT PROGRAM	\$17,880,858	\$107,384	\$0	\$17,988,242	\$6,710,706	\$11,277,536	\$0
STP FLEX	\$47,588,579	\$13,984,201	\$0	\$61,572,780	\$53,498,777	\$8,074,003	\$0
BRIDGE-OFF SYSTEM	\$28,456,838	\$63,083,941		\$91,540,779	\$28,997,650	\$62,543,129	\$0
STP NON-FLEX	\$82,187,646	\$24,165,980		\$106,353,626	\$81,537,548	\$24,816,078	\$962,120
-BOSTON URBAN AREA	\$51,310,051	\$4,809,834		\$56,119,885	\$49,307,235	\$6,812,650	\$0
-BARNSTABLE URBAN AREA	\$3,096,584	\$4,642,512		\$7,739,096	\$5,066,274	\$2,672,822	\$0
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$6,672,652	\$3		\$6,672,655	\$2,152,686	\$4,519,969	\$0
-WORCESTER URBAN AREA	\$5,693,537	\$0		\$5,693,537	\$3,386,104	\$2,307,433	\$0
-PROVIDENCE, PAWTUCKET	\$3,267,056	\$13,256,765		\$16,523,821	\$8,020,618	\$8,503,203	\$0
-OTHER AREAS (RURAL & SMALL URBAN)	\$12,147,766	\$1,456,866		\$13,604,632	\$13,604,631	\$1	\$0
STP-ENHANCEMENT	\$0	\$5,354,684	\$0	\$5,354,684	\$4,758,546	\$596,138	\$0
SAFE ROUTES TO SCHOOLS PGM.	\$0	\$0		\$46,866	\$0	\$46,866	\$0
RECREATIONAL TRAILS	\$1,186,729	\$2,665,560		\$3,852,289	\$2,519,509	\$1,332,780	\$0
TAP FLEX	\$5,483,782	\$12,179,662	\$0	\$17,663,444	\$14,412,677	\$3,250,767	\$0
TAP NON-FLEX	\$5,483,781	\$7,622,201		\$13,105,982	\$9,843,111	\$3,262,871	\$0
-BOSTON URBAN AREA	\$3,423,545	\$3,707,245		\$7,130,790	\$7,130,788	\$1	\$0
-BARNSTABLE URBAN AREA	\$206,612	\$451,317		\$657,929	\$653,888	\$4,041	\$0
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$445,217	\$197,595		\$642,812	\$642,811	\$1	\$0
-WORCESTER URBAN AREA	\$379,888	\$0		\$410,793	\$410,792	\$1	\$0
-PROVIDENCE, PAWTUCKET	\$217,987	\$1,013,373		\$1,231,360	\$1,004,832	\$226,528	\$0
-OTHER AREAS (RURAL & SMALL URBAN)	\$810,532	\$2,252,672		\$3,063,204	\$0	\$3,063,204	\$0
HWY SAFETY IMPROVEMENT PGM.	\$31,595,381	\$2,054,741	\$0	\$33,650,122	\$25,428,212	\$8,221,909	(\$317,456)
HSIP - High Risk Rural	\$2,273,676	\$4,629,527		\$6,903,203	\$2,484,221	\$4,418,983	\$0
RLWY/HWY CROSSINGS- HAZARD ELIMINATION	\$1,293,091	\$5,926,653	\$0	\$7,219,744	\$3,000,000	\$4,219,744	\$0
RLWY/HWY CROSSINGS- PROTECTIVE DEVICES	\$1,293,091	\$2,418,049	\$0	\$3,711,140	\$1,250,000	\$2,461,140	\$0
CMAQ	\$64,179,356	\$19,619,711	\$0	\$83,799,067	\$63,144,838	\$20,654,229	\$207,162
PLANNING	\$21,828,914	\$22,447,750	\$0	\$44,276,664	\$22,696,960	\$21,579,704	\$0
FEDERAL AID SUB-TOTAL:	\$635,334,830	\$187,490,741	\$0	\$822,872,437	\$626,142,986	\$196,729,451	(\$114,823)

Estimated Obligation Authority \$628,305,037

Federal Fiscal Year 2018						2018-2022 STIP, Rev006	
	I	II	III	IV	V	VI	
FUNDING CATEGORY	ANTICIPATED NET	ACTUAL CARRYOVER	ANTICIPATED	TOTAL FUNDS	PROGRAMMED	ESTIMATED BALANCE	NET CHANGE IN
	APPORTIONMENTS OF	BALANCE	TRANSFER OF FUNDS	AVAILABLE (10/1)	OBLIGATIONS	REMAINING	PROGRAMMED
	FEDERAL FUNDS			SUBJECT TO			OBLIGATIONS
				OBLIGATION			
EARMARKS	\$0	\$115,373,433		AUTHORITY \$119,176,442	\$16,840,109	\$102,336,333	(\$848,421)
HIP FLEX	\$14,380,659	\$0		\$14,380,659	\$0		\$0
HIP NON-FLEX	\$16,198,363			\$16,198,363	\$0		\$0
-BOSTON URBAN AREA	\$10,124,012			\$10,124,012	\$0	\$10,124,012	
-BARNSTABLE URBAN AREA	\$610,989			\$610,989	\$0	\$610,989	
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$1,316,584			\$1,316,584	\$0	\$1,316,584	
-WORCESTER URBAN AREA	\$1,123,395			\$1,123,395	\$0	\$1,123,395	
-PROVIDENCE, PAWTUCKET	\$644,625			\$644,625	\$0	\$644,625	
-OTHER AREAS (RURAL & SMALL URBAN)	\$2,378,758	\$0		\$2,378,758	\$0	\$2,378,758	
NHPP-EXEMPT	\$8,684,110	\$8,333,728		\$17,017,838	\$0	\$17,017,838	\$0
MISCELLANEOUS / ALLOCATED FUNDS	\$3,265,026	\$23,865,511		\$27,130,537	\$6,133,729.59	\$20,996,808	\$150,000
FEDERAL AID TOTAL >	\$677,862,988	\$335,063,413		\$1,016,776,276	\$649,116,824	\$367,659,452	(\$813,245)
STATE MATCH FOR FEDERAL AID					\$140,626,713		

Federal Aid Programming and Reimbursement Office August 2, 2018

NON-FEDERAL AID + FEDERAL AID TOTAL >

\$789,743,537

Federal Fiscal Year 2019						2018-2022 STIP, Rev006	
	I	II	III	IV	V	VI	
FUNDING CATEGORY	ANTICIPATED NET APPORTIONMENTS OF FEDERAL FUNDS	ESTIMATED CARRYOVER BALANCE	ANTICIPATED TRANSFER OF FUNDS	TOTAL FUNDS AVAILABLE (10/1) SUBJECT TO OBLIGATION AUTHORITY	PROGRAMMED OBLIGATIONS	ESTIMATED BALANCE REMAINING	NET CHANGE IN PROGRAMMED OBLIGATIONS
NATIONAL HIGHWAY PERFORMANCE	\$338,515,561	\$19,973,574	\$0	\$358,489,135	\$305,506,359	\$52,982,776	\$0
NATIONAL HIGHWAY FREIGHT PROGRAM	\$20,212,849	\$11,277,536	(\$5,000,000)	\$26,490,385	\$11,951,976	\$14,538,409	\$0
STP FLEX	\$44,625,979	\$8,074,003	\$0	\$52,699,982	\$48,965,007	\$3,734,975	\$0
BRIDGE-OFF SYSTEM	\$28,456,838	\$62,543,129		\$90,999,967	\$20,650,735	\$70,349,232	\$0
STP NON-FLEX	\$85,792,872	\$24,816,078		\$110,608,950	\$82,077,627	\$28,531,323	\$0
-BOSTON URBAN AREA	\$53,560,807	\$6,812,650		\$60,373,457	\$55,979,200	\$4,394,257	\$0
-BARNSTABLE URBAN AREA	\$3,232,418	\$2,672,822		\$5,905,240	\$0	\$5,905,240	\$0
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$6,965,353	\$4,519,969		\$11,485,322	\$7,655,040	\$3,830,282	\$0
-WORCESTER URBAN AREA	\$5,943,288	\$2,307,433		\$8,250,721	\$3,286,940	\$4,963,781	\$0
-PROVIDENCE, PAWTUCKET	\$3,410,368	\$8,503,203		\$11,913,571	\$2,475,809	\$9,437,762	\$0
-OTHER AREAS (RURAL & SMALL URBAN)	\$12,680,638	\$1		\$12,680,639	\$12,680,638	\$1	\$0
STP-ENHANCEMENT	\$0	\$596,138	\$0	\$596,138	\$0	\$596,138	\$0
SAFE ROUTES TO SCHOOLS PGM.	\$0	\$46,866		\$46,866	\$0	\$46,866	\$0
RECREATIONAL TRAILS	\$1,186,729	\$1,332,780		\$2,519,509	\$2,519,509	\$0	\$0
TAP FLEX	\$5,483,782	\$3,250,767	\$0	\$8,734,549	\$4,714,646	\$4,019,903	\$0
TAP NON-FLEX	\$5,483,782	\$3,262,871		\$8,746,653	\$4,071,335	\$4,675,318	\$0
-BOSTON URBAN AREA	\$3,423,546	\$1		\$3,423,547	\$3,423,546	\$1	\$0
-BARNSTABLE URBAN AREA	\$206,613	\$4,041		\$210,654	\$202,572	\$8,082	\$0
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$445,217	\$1		\$445,218	\$445,217	\$1	\$0
-WORCESTER URBAN AREA	\$379,888	\$1		\$379,889	\$0	\$379,889	\$0
-PROVIDENCE, PAWTUCKET	\$217,987	\$226,528		\$444,515	\$0	\$444,515	\$0
-OTHER AREAS (RURAL & SMALL URBAN)	\$810,531	\$3,063,204		\$3,873,735	\$0	\$3,873,735	\$0
HWY SAFETY IMPROVEMENT PGM.	\$34,664,070	\$8,221,909	\$0	\$42,885,979	\$35,838,493	\$7,047,486	\$0
HSIP - High Risk Rural	\$0	\$4,418,983		\$4,418,983	\$0	\$4,418,983	\$0
RLWY/HWY CROSSINGS- HAZARD ELIMINATION	\$1,319,028	\$4,219,744	\$0	\$5,538,772	\$2,000,000	\$3,538,772	\$0
RLWY/HWY CROSSINGS- PROTECTIVE DEVICES	\$1,319,028	\$2,461,140	\$0	\$3,780,168	\$1,800,000	\$1,980,168	\$0
CMAQ	\$65,668,975	\$20,654,229	\$5,000,000	\$91,323,204	\$89,139,254	\$2,183,950	(\$1,775,224)
PLANNING	\$22,176,355	\$19,365,425	\$0	\$41,541,780	\$22,696,960	\$18,844,820	\$0
FEDERAL AID SUB-TOTAL:	\$654,905,847	\$194,515,172	\$0	\$849,421,019	\$631,931,901	\$217,489,119	(\$1,775,224)

Estimated Obligation Authority \$661,680,000

Federal Fiscal Year 2019						2018-2022 STIP, Rev006	
	I	II	III	IV	V	VI	
FUNDING CATEGORY	ANTICIPATED NET APPORTIONMENTS OF FEDERAL FUNDS	ESTIMATED CARRYOVER BALANCE	ANTICIPATED TRANSFER OF FUNDS	TOTAL FUNDS AVAILABLE (10/1) SUBJECT TO OBLIGATION AUTHORITY	PROGRAMMED OBLIGATIONS	ESTIMATED BALANCE REMAINING	NET CHANGE IN PROGRAMMED OBLIGATIONS
EARMARKS	\$0	\$102,336,333		\$102,336,333	\$16,759,602	\$85,576,731	\$0
HIP FLEX	\$0	\$14,380,659		\$14,380,659	\$0	\$14,380,659	\$0
HIP NON-FLEX	\$0	\$16,198,363		\$16,198,363	\$0	\$16,198,363	\$0
-BOSTON URBAN AREA	\$0	\$10,124,012		\$10,124,012	\$0	\$10,124,012	
-BARNSTABLE URBAN AREA	\$0	\$610,989		\$610,989	\$0	\$610,989	
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$0	\$1,316,584		\$1,316,584	\$0	\$1,316,584	
-WORCESTER URBAN AREA	\$0	\$1,123,395		\$1,123,395	\$0	\$1,123,395	
-PROVIDENCE, PAWTUCKET	\$0	\$644,625		\$644,625	\$0	\$644,625	
-OTHER AREAS (RURAL & SMALL URBAN)	\$0	\$2,378,758		\$2,378,758	\$0	\$2,378,758	
NHPP-EXEMPT	\$9,285,967	\$17,017,838		\$26,303,804	\$0	\$26,303,804	\$0
MISCELLANEOUS / ALLOCATED FUNDS	\$1,724,611	\$20,996,808		\$22,721,419	\$1,230,000	\$21,491,419	\$0
HWY RSCH & DEPLY ENVI FAST HEP	\$150,000)		\$150,000			
FEDERAL AID TOTAL >	\$665,916,425	\$365,445,173	\$0	\$1,031,361,598	\$649,921,503	\$381,440,095	(\$1,775,224)
STATE MATCH FOR FEDERAL AID					\$135,914,694		
NON FEDERAL AID - FEDERAL AID TOTAL -					A=05.000.40=	<u>.</u>	

NON-FEDERAL AID + FEDERAL AID TOTAL >

\$785,836,197

Federal Fiscal Year 2020						2018-2022 STIP, Rev006	
	1	II	III	IV	V	VI	
FUNDING CATEGORY	ANTICIPATED NET APPORTIONMENTS OF FEDERAL FUNDS	ESTIMATED CARRYOVER BALANCE MINUS ESTIMATED RESCISSION	ANTICIPATED TRANSFER OF FUNDS	TOTAL FUNDS AVAILABLE (10/1) SUBJECT TO OBLIGATION AUTHORITY	PROGRAMMED OBLIGATIONS	ESTIMATED BALANCE REMAINING	NET CHANGE IN PROGRAMMED OBLIGATIONS
NATIONAL HIGHWAY PERFORMANCE	\$346,838,887	\$31,259,838	\$0	\$378,098,725	\$333,308,506	\$44,790,220	\$0
NATIONAL HIGHWAY FREIGHT PROGRAM	\$22,458,721	\$8,577,661	\$0	\$31,036,382	\$14,635,658	\$16,400,724	\$0
STP FLEX	\$44,733,390	\$2,203,635	\$0	\$46,937,025	\$38,914,071	\$8,022,953	\$0
BRIDGE-OFF SYSTEM	\$28,456,838	\$41,506,047		\$69,962,885	\$30,225,753	\$39,737,132	\$0
STP NON-FLEX	\$89,454,723	\$28,531,323		\$117,986,046	\$106,896,689	\$11,089,357	\$0
-BOSTON URBAN AREA	\$55,846,914	\$4,394,257		\$60,241,171	\$60,241,171	\$0	\$0
-BARNSTABLE URBAN AREA	\$3,370,385	\$5,905,240		\$9,275,625	\$5,834,852	\$3,440,773	\$0
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$7,262,652	\$3,830,282		\$11,092,934	\$11,092,934	\$0	\$0
-WORCESTER URBAN AREA	\$6,196,962	\$4,963,781		\$11,160,743	\$11,160,743	\$0	\$0
-PROVIDENCE, PAWTUCKET	\$3,555,931	\$9,437,762		\$12,993,693	\$5,345,110	\$7,648,583	\$0
-OTHER AREAS (RURAL & SMALL URBAN)	\$13,221,879	\$1		\$13,221,880	\$13,221,879	\$1	\$0
STP-ENHANCEMENT	\$0	\$351,722	\$0	\$351,722	\$0	\$351,722	\$0
SAFE ROUTES TO SCHOOLS PGM.	\$0	\$27,651		\$27,651	\$0	\$27,651	\$0
RECREATIONAL TRAILS	\$1,186,729	\$0		\$1,186,729	\$1,186,729	\$0	\$0
TAP FLEX	\$5,483,782	\$2,371,743	\$0	\$7,855,524	\$6,399,926	\$1,455,598	\$0
TAP NON-FLEX	\$5,483,782	\$2,758,437		\$8,242,219	\$4,368,134	\$3,874,085	\$0
-BOSTON URBAN AREA	\$3,423,546	\$0		\$3,423,546	\$3,356,593	\$66,953	\$0
-BARNSTABLE URBAN AREA	\$206,613	\$4,768		\$211,381	\$202,572	\$8,809	\$0
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$445,217	\$0		\$445,217	\$436,510	\$8,707	\$0
-WORCESTER URBAN AREA	\$379,888	\$224,135		\$604,023	\$372,459	\$231,564	\$0
-PROVIDENCE, PAWTUCKET	\$217,987	\$262,264		\$480,251	\$0	\$480,251	\$0
-OTHER AREAS (RURAL & SMALL URBAN)	\$810,531	\$2,285,504		\$3,096,035	\$0	\$3,096,035	\$0
HWY SAFETY IMPROVEMENT PGM.	\$35,367,782	\$7,047,486	\$0	\$42,415,268	\$33,924,199	\$8,491,069	\$0
HSIP - High Risk Rural	\$0	\$4,418,983		\$4,418,983	\$0	\$4,418,983	\$0
RLWY/HWY CROSSINGS- HAZARD ELIMINATION	\$1,346,508	\$3,538,772	\$0	\$4,885,279	\$1,000,000	\$3,885,279	\$0
RLWY/HWY CROSSINGS- PROTECTIVE DEVICES	\$1,346,508	\$1,980,168	\$0	\$3,326,675	\$1,000,000	\$2,326,675	\$0
CMAQ	\$67,002,744	\$1,288,530	\$0	\$68,291,274	\$64,793,407	\$3,497,867	\$0
PLANNING	\$22,707,173	\$12,380,966	\$0	\$35,088,139	\$22,696,960	\$12,391,179	\$0
FEDERAL AID SUB-TOTAL:	\$671,867,564	\$148,242,962	\$0	\$820,110,526	\$659,350,032	\$160,760,494	\$0

Estimated Obligation Authority \$676,330,000

Federal Fiscal Year 2020						2018-2022 STIP, Rev006	
	I	II	III	IV	V	VI	
FUNDING CATEGORY	ANTICIPATED NET APPORTIONMENTS OF FEDERAL FUNDS	ESTIMATED CARRYOVER BALANCE MINUS ESTIMATED RESCISSION	ANTICIPATED TRANSFER OF FUNDS	TOTAL FUNDS AVAILABLE (10/1) SUBJECT TO OBLIGATION AUTHORITY	PROGRAMMED OBLIGATIONS	ESTIMATED BALANCE REMAINING	NET CHANGE IN PROGRAMMED OBLIGATIONS
EARMARKS	\$0	\$85,576,731		\$85,576,731	\$0	\$85,576,731	\$0
HIP FLEX	\$0	\$14,380,659		\$14,380,659	\$0	\$14,380,659	\$0
HIP NON-FLEX	\$0	\$16,198,363		\$16,198,363	\$0	\$16,198,363	\$0
-BOSTON URBAN AREA	\$0	\$10,124,012		\$10,124,012	\$0	\$10,124,012	
-BARNSTABLE URBAN AREA	\$0	\$610,989		\$610,989	\$0	\$610,989	
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$0	\$1,316,584		\$1,316,584	\$0	\$1,316,584	
-WORCESTER URBAN AREA	\$0	\$1,123,395		\$1,123,395	\$0	\$1,123,395	
-PROVIDENCE, PAWTUCKET	\$0	\$644,625		\$644,625	\$0	\$644,625	
-OTHER AREAS (RURAL & SMALL URBAN)	\$0	\$2,378,758		\$2,378,758	\$0	\$2,378,758	
NHPP-EXEMPT	\$9,286,246	\$15,519,244		\$24,805,490	\$0	\$24,805,490	\$0
MISCELLANEOUS / ALLOCATED FUNDS	\$494,611	\$21,491,419		\$21,986,030	\$0	\$21,986,030	\$0
HWY RSCH & DEPLY ENVI FAST HEP	\$150,000	•		\$150,000			
FEDERAL AID TOTAL >	\$681,648,421	\$301,409,378	\$0	\$983,057,799	\$659,350,032	2 \$323,707,767	\$0
STATE MATCH FOR FEDERAL AID					\$128,254,200)	
NON-FEDERAL AID + FEDERAL AID TOTAL >					\$787 604 233		

NON-FEDERAL AID + FEDERAL AID TOTAL >

\$787,604,232

Federal Fiscal Year 2021						2018-2022 STIP, Rev006	
	1	11	III	IV	V	VI	
FUNDING CATEGORY	ANTICIPATED NET APPORTIONMENTS OF FEDERAL FUNDS	ESTIMATED CARRYOVER BALANCE	ANTICIPATED TRANSFER OF FUNDS	TOTAL FUNDS AVAILABLE (10/1) SUBJECT TO OBLIGATION AUTHORITY	PROGRAMMED OBLIGATIONS	ESTIMATED BALANCE REMAINING	NET CHANGE IN PROGRAMMED OBLIGATIONS
NATIONAL HIGHWAY PERFORMANCE	\$346,838,887	\$44,790,220	\$0	\$391,629,107	\$351,507,925	\$40,121,182	\$0
NATIONAL HIGHWAY FREIGHT PROGRAM	\$22,458,721	\$16,400,724	(\$3,250,000)	\$35,609,445	\$32,245,872	\$3,363,573	\$0
STP FLEX	\$44,733,390	\$8,022,953	\$1,250,000	\$54,006,343	\$53,781,814	\$224,529	\$0
BRIDGE-OFF SYSTEM	\$28,456,838	\$39,737,132		\$68,193,970	\$26,863,114	\$41,330,856	\$0
STP NON-FLEX	\$89,454,723	\$11,089,357		\$100,544,080	\$95,893,574	\$4,650,506	\$0
-BOSTON URBAN AREA	\$55,846,914	\$0		\$55,846,914	\$55,846,914	\$0	\$0
-BARNSTABLE URBAN AREA	\$3,370,385	\$3,440,773		\$6,811,158	\$3,370,385	\$3,440,773	\$0
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$7,262,652	\$0		\$7,262,652	\$7,262,652	\$0	\$0
-WORCESTER URBAN AREA	\$6,196,962	\$0		\$6,196,962	\$6,196,962	\$0	\$0
-PROVIDENCE, PAWTUCKET	\$3,555,931	\$7,648,583		\$11,204,514	\$9,994,782	\$1,209,732	\$0
-OTHER AREAS (RURAL & SMALL URBAN)	\$13,221,879	\$1		\$13,221,880	\$13,221,879	\$1	\$0
STP-ENHANCEMENT	\$0	\$351,722	\$0	\$351,722	\$0	\$351,722	\$0
SAFE ROUTES TO SCHOOLS PGM.	\$0	\$27,651		\$27,651	\$0	\$27,651	\$0
RECREATIONAL TRAILS	\$1,186,729	\$0		\$1,186,729	\$1,186,729	\$0	\$0
TAP FLEX	\$5,483,782	\$1,455,598	\$0	\$6,939,380	\$3,307,529	\$3,631,851	\$0
TAP NON-FLEX	\$5,483,782	\$3,874,085		\$9,357,866	\$4,827,817	\$4,530,049	\$0
-BOSTON URBAN AREA	\$3,423,546	\$66,953		\$3,490,498	\$3,490,498	\$0	\$0
-BARNSTABLE URBAN AREA	\$206,613	\$8,809		\$215,422	\$202,572	\$12,850	\$0
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$445,217	\$8,707		\$453,924	\$436,510	\$17,414	\$0
-WORCESTER URBAN AREA	\$379,888	\$231,564		\$611,452	\$0	\$611,452	\$0
-PROVIDENCE, PAWTUCKET	\$217,987	\$480,251		\$698,238	\$698,237	\$1	\$0
-OTHER AREAS (RURAL & SMALL URBAN)	\$810,531	\$3,096,035		\$3,906,566	\$0	\$3,906,566	\$0
HWY SAFETY IMPROVEMENT PGM.	\$35,367,782	\$8,491,069	\$0	\$43,858,850	\$26,727,133	\$17,131,717	\$0
HSIP - High Risk Rural	\$0	\$4,418,983		\$4,418,983	\$0	\$4,418,983	\$0
RLWY/HWY CROSSINGS- HAZARD ELIMINATION	\$1,346,508	\$3,885,279	\$0	\$5,231,787	\$1,000,000	\$4,231,787	\$0
RLWY/HWY CROSSINGS- PROTECTIVE DEVICES	\$1,346,508	\$2,326,675	\$0	\$3,673,183	\$1,000,000	\$2,673,183	\$0
CMAQ	\$67,002,744	\$3,497,867	\$2,000,000	\$72,500,611	\$70,458,662	\$2,041,949	\$0
PLANNING	\$22,707,173	\$12,751,124	\$0	\$35,458,297	\$22,696,960	\$12,761,337	\$0
FEDERAL AID SUB-TOTAL:	\$671,867,564	\$161,120,439	\$0	\$832,988,003	\$691,497,129	\$141,490,874	\$0

Estimated Obligation Authority \$691,990,000

Federal Fiscal Year 2021						2018-2022 STIP, Rev006	
	l	II	III	IV	V	VI	
FUNDING CATEGORY	ANTICIPATED NET APPORTIONMENTS OF FEDERAL FUNDS	ESTIMATED CARRYOVER BALANCE	ANTICIPATED TRANSFER OF FUNDS	TOTAL FUNDS AVAILABLE (10/1) SUBJECT TO OBLIGATION AUTHORITY	PROGRAMMED OBLIGATIONS	ESTIMATED BALANCE REMAINING	NET CHANGE IN PROGRAMMED OBLIGATIONS
EARMARKS	\$0	\$85,576,731		\$85,576,731	\$8,084,944	\$77,491,787	\$0
HIP FLEX	\$0	\$14,380,659		\$14,380,659	\$0	\$14,380,659	\$0
HIP NON-FLEX	\$0	\$16,198,363		\$16,198,363	\$0	\$16,198,363	\$0
-BOSTON URBAN AREA	\$0	\$10,124,012		\$10,124,012	\$0	\$10,124,012	
-BARNSTABLE URBAN AREA	\$0	\$610,989		\$610,989	\$0	\$610,989	
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$0	\$1,316,584		\$1,316,584	\$0	\$1,316,584	
-WORCESTER URBAN AREA	\$0	\$1,123,395		\$1,123,395	\$0	\$1,123,395	
-PROVIDENCE, PAWTUCKET	\$0	\$644,625		\$644,625	\$0	\$644,625	
-OTHER AREAS (RURAL & SMALL URBAN)	\$0	\$2,378,758		\$2,378,758	\$0	\$2,378,758	
NHPP-EXEMPT	\$9,286,246	\$16,472,212		\$25,758,458	\$0	\$25,758,458	\$0
MISCELLANEOUS / ALLOCATED FUNDS	\$494,611	\$21,986,030		\$22,480,641	\$0	\$22,480,641	\$0
HWY RSCH & DEPLY ENVI FAST HEP	\$150,000		1	\$150,000			
FEDERAL AID TOTAL >	\$681,648,421	\$315,734,434	\$0	\$997,382,855	\$699,582,073	\$297,800,782	\$0

STATE MATCH FOR FEDERAL AID \$140,553,399

NON-FEDERAL AID + FEDERAL AID TOTAL >

NOTES: MISCELLANEOUS / OTHER / UNDETERMINED Apportionment Includes estimated NHPP Exempt.

\$840,135,472

Federal Fiscal Year 2022						2018-2022 STIP, Rev006	
	I	II	III	IV	V	VI	
FUNDING CATEGORY	ANTICIPATED NET APPORTIONMENTS OF FEDERAL FUNDS	ESTIMATED CARRYOVER BALANCE	ANTICIPATED TRANSFER OF FUNDS	TOTAL FUNDS AVAILABLE (10/1) SUBJECT TO OBLIGATION AUTHORITY	PROGRAMMED OBLIGATIONS	ESTIMATED BALANCE REMAINING	NET CHANGE IN PROGRAMMED OBLIGATIONS
NATIONAL HIGHWAY PERFORMANCE	\$346,838,887	\$40,121,182	(\$3,000,000)	\$383,960,069	\$380,901,755	\$3,058,314	\$0
NATIONAL HIGHWAY FREIGHT PROGRAM	\$22,458,721	\$3,363,573	(\$3,000,000)	\$22,822,294	\$22,458,721	\$363,573	\$0
STP FLEX	\$44,733,390	\$224,529	\$6,000,000	\$50,957,918	\$50,598,225	\$359,693	\$0
BRIDGE-OFF SYSTEM	\$28,456,838	\$41,330,856		\$69,787,694	\$33,593,273	\$36,194,421	\$0
STP NON-FLEX	\$89,454,723	\$4,650,506		\$94,105,229	\$90,454,723	\$3,650,506	\$0
-BOSTON URBAN AREA	\$55,846,914	\$0		\$55,846,914	\$55,846,914	\$0	\$0
-BARNSTABLE URBAN AREA	\$3,370,385	\$3,440,773		\$6,811,158	\$3,370,385	\$3,440,773	\$0
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$7,262,652	\$0		\$7,262,652	\$7,262,652	\$0	\$0
-WORCESTER URBAN AREA	\$6,196,962	\$0		\$6,196,962	\$6,196,962	\$0	\$0
-PROVIDENCE, PAWTUCKET	\$3,555,931	\$1,209,732		\$4,765,663	\$4,555,931	\$209,732	\$0
-OTHER AREAS (RURAL & SMALL URBAN)	\$13,221,879	\$1		\$13,221,880	\$13,221,879	\$1	\$0
STP-ENHANCEMENT	\$0	\$351,722	\$0	\$351,722	\$0	\$351,722	\$0
SAFE ROUTES TO SCHOOLS PGM.	\$0	\$27,651		\$27,651	\$0	\$27,651	\$0
RECREATIONAL TRAILS	\$1,186,729	\$0		\$1,186,729	\$1,186,729	\$0	\$0
TAP FLEX	\$5,483,782	\$3,631,851	\$0	\$9,115,632	\$532,459	\$8,583,173	\$0
TAP NON-FLEX	\$5,483,782	\$4,530,049		\$10,013,831	\$3,501,371	\$6,512,460	\$0
-BOSTON URBAN AREA	\$3,423,546	\$0		\$3,423,546	\$2,648,565	\$774,981	\$0
-BARNSTABLE URBAN AREA	\$206,613	\$12,850		\$219,462	\$202,572	\$16,890	\$0
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$445,217	\$17,414		\$462,631	\$436,510	\$26,121	\$0
-WORCESTER URBAN AREA	\$379,888	\$611,452		\$991,340	\$0	\$991,340	\$0
-PROVIDENCE, PAWTUCKET	\$217,987	\$1		\$217,988	\$213,724	\$4,264	\$0
-OTHER AREAS (RURAL & SMALL URBAN)	\$810,531	\$3,906,566		\$4,717,097	\$0	\$4,717,097	\$0
HWY SAFETY IMPROVEMENT PGM.	\$35,367,782	\$17,131,717	\$0	\$52,499,499	\$30,331,989	\$22,167,510	\$0
HSIP - High Risk Rural	\$0	\$4,418,983		\$4,418,983	\$0	\$4,418,983	\$0
RLWY/HWY CROSSINGS- HAZARD ELIMINATION	\$1,346,508	\$4,231,787	\$0	\$5,578,294	\$1,000,000	\$4,578,294	\$0
RLWY/HWY CROSSINGS- PROTECTIVE DEVICES	\$1,346,508	\$2,673,183	\$0	\$4,019,690	\$1,000,000	\$3,019,690	\$0
CMAQ	\$67,002,744	\$2,041,949	\$0	\$69,044,694	\$60,848,924	\$8,195,770	\$0
PLANNING	\$22,707,173	\$13,121,282	\$0	\$35,828,455	\$22,696,960	\$13,131,495	\$0
FEDERAL AID SUB-TOTAL:	\$671,867,564	\$141,850,819	\$0	\$813,718,383	\$699,105,129	\$114,613,254	\$0

Estimated Obligation Authority \$708,740,000

Federal Fiscal Year 2022						2018-2022 STIP, Rev006	
	1	II	III	IV	V	VI	
FUNDING CATEGORY	ANTICIPATED NET APPORTIONMENTS OF FEDERAL FUNDS	ESTIMATED CARRYOVER BALANCE	ANTICIPATED TRANSFER OF FUNDS	TOTAL FUNDS AVAILABLE (10/1) SUBJECT TO OBLIGATION AUTHORITY	PROGRAMMED OBLIGATIONS	ESTIMATED BALANCE REMAINING	NET CHANGE IN PROGRAMMED OBLIGATIONS
EARMARKS	\$0	\$77,491,787		\$77,491,787	\$512,000	\$76,979,787	\$0
HIP FLEX	\$0	\$0		\$0	\$0	\$0	\$0
HIP NON-FLEX	\$0	\$0		\$0	\$0	\$0	\$0
-BOSTON URBAN AREA	\$0	\$0		\$0	\$0	\$0	
-BARNSTABLE URBAN AREA	\$0	\$0		\$0	\$0	\$0	
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$0	\$0		\$0	\$0	\$0	
-WORCESTER URBAN AREA	\$0	\$0		\$0	\$0	\$0	
-PROVIDENCE, PAWTUCKET	\$0	\$0		\$0	\$0	\$0	
-OTHER AREAS (RURAL & SMALL URBAN)	\$0	\$0		\$0	\$0	\$0	
NHPP-EXEMPT	\$9,286,246	\$25,758,458		\$35,044,703	\$0	\$35,044,703	\$0
MISCELLANEOUS / ALLOCATED FUNDS	\$494,611	\$22,480,641		\$22,975,252	\$0	\$22,975,252	\$0
HWY RSCH & DEPLY ENVI FAST HEP	\$150,000			\$150,000			
FEDERAL AID TOTAL >	\$681,648,421	\$267,581,705	\$0	\$949,230,126	\$699,617,129	\$249,612,996	\$0
STATE MATCH FOR FEDERAL AID		·	·		\$139,190,570		
NON-FEDERAL AID + FEDERAL AID TOTAL >					\$838,807,699		

Federal Aid Programming and Reimbursement Office August 2, 2018

2018	Centr	al Mas	ss Regi	on Tra	insportation Impro	ovem	ent Pr	ogram			
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 co and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiv a transfer; f) name of entity paying the non-state nonfederal match; g) earmark details; h) TAP project proponent; f) other information
	U 50 1 W	10 : 4									proportions, if other information
Section 1A / Regi		ed Projects									
, , , , , , , , , , , , , , , , , , , ,	Roadway reconstruction program	606440	Central Mass	Princeton	PRINCETON- RECONSTRUCTION OF ROUTE 140, FROM STERLING T.L. THROUGH EAST PRINCETON VILLAGE TO ROUTE 31, INCLUDING REHAB OF P-16-017	3	STP	\$ 7,984,000	\$ 6,387,200	\$ 1,596,800	Construction / STP Total Project Cost = \$7,984,000 / PM Score = 13 / Design Status = 75%
	Roadway reconstruction program	607250	Central Mass	Paxton	PAXTON- RECLAMATION ON ROUTE 31 (HOLDEN ROAD)	3	STP	\$ 3,818,102	\$ 3,054,482	\$ 763,620	Construction / STP + TAP Total Project Cost = \$4,283,676 / PM Score = 11 / Design Status = 75%
	Roadway reconstruction program	607250	Central Mass	Paxton	PAXTON- RECLAMATION ON ROUTE 31 (HOLDEN ROAD)	3	TAP	\$ 465,574	\$ 372,459	\$ 93,115	Construction / STP + TAP Total Project Cost = \$4,283,676 / PM Score = 11 / Design Status = 75% / Project proponent is town of Paxton
	Roadway reconstruction program	606888	Central Mass	Worcester	WORCESTER- BLACKSTONE CANAL STREETSCAPE IMPROVEMENTS ON HARDING STREET	3	STP	\$ 414,528	\$ 331,622	\$ 82,906	Construction / STP + TAP + Sec 129 Total Pro Cost = \$1,915,100 / MA238 / Design Status = 75/100% / \$300,000 of the total cost is being p by the City of Worcester
	Roadway reconstruction program	606888	Central Mass	Worcester	WORCESTER- BLACKSTONE CANAL STREETSCAPE IMPROVEMENTS ON HARDING STREET	3	TAP	\$ 504,204	\$ 403,363	\$ 100,841	Construction / STP + TAP + Sec 129 Total Pro Cost = \$1,915,100 / MA238 / Design Status = 75/100% / \$300,000 of the total cost is being p by the City of Worcester
MENDMENT:Increas Cost	Bicycles and pedestrians program	605820	Central Mass	Worcester	WORCESTER- BLACKSTONE RIVER BIKEWAY (SEGMENT 7), INCLUDING BRIDGE REHAB, W-44-041, MCGRATH BOULEVARD OVER MADISON STREET	3	CMAQ	\$ 2,181,354	\$ 1,745,083	\$ 436,271	Construction / CMAQ + HPP Total Project Cos \$7,060,000 / HPP#4283 - MA202, HPP#2218 MA157, HPP#2509 - MA165 & MA006 / Desig Status = 75%
	Intersection improvements program	605740	Central Mass	Worcester	WORCESTER- INTERSECTION IMPROVEMENTS AT WINTHROP STREET & PROVIDENCE STREET, VERNON STREET & GRANITE STREET	3	STP	\$ 2,089,993	\$ 1,671,994	\$ 417,999	Construction / CMAQ + HSIP + STP Total Proj Cost = \$3,853,939 / PM Score = 14 / Design Status = 25%
	Intersection improvements program	605740	Central Mass	Worcester	WORCESTER- INTERSECTION IMPROVEMENTS AT WINTHROP STREET & PROVIDENCE STREET, VERNON STREET & GRANITE STREET	3	CMAQ	\$ 1,305,638	\$ 1,044,510	\$ 261,128	Construction / CMAQ + HSIP + STP Total Proj Cost = \$3,853,939 / PM Score = 14 / Design Status = 25%
	Intersection improvements program	605740	Central Mass	Worcester	WORCESTER- INTERSECTION IMPROVEMENTS AT WINTHROP STREET & PROVIDENCE STREET, VERNON STREET & GRANITE STREET	3	HSIP	\$ 458,309			Construction / CMAQ + HSIP + STP Total Proj Cost = \$3,853,939 / PM Score = 14 / Design Status = 25%
0	I O - u - tu - i u t A	a a busin			Regionally P	rioritized Pro	jects subtotal ▶	\$ 19,221,701	\$ 15,423,191	\$ 3,798,509	■ 80% Federal + 20% Non-Federal
Section 1A / Fisca	r Constraint A	nalysis'			<u>Total Regional Federal</u>			\$ 19,221,701 \$ 14,306,622			\$ 0 Target Funds Available \$ 1,383,128 STP available
	Section 1A instru Column C) Enter	uctions: MPO Tem ID from ProjectInfo	nplate Name) Choose	Regional Name fro Municipality Name f	m dropdown list to populate header and MPO column; rom dropdown list; Column H) Choose the Funding	HSIP	programmed ▶	\$ 458,309	\$ 869,013	✓ Min. HSIP	\$ 410,704 HSIP recommended not m
	funds being progra amount and only	ammed in this fisca change if needed fo	I year and for each fur or flex. Column K) Nor	nding source; Colur n-federal funds auto	enter multiple lines; Column I) Enter the total amount of mn J) Federal funds autocalculates. Please verify the localculates. Please verify the split/match - if matching an L) Enter Additional Information as described - olease do						\$ (1,314,459) CMAQ recommended met

Amendment /	STIP	MassDOT	Metropolitan	Municipality	Insportation Impro	MassDOT		Total	Federal	Non-Federal	
Adjustment Type ▼	Program ▼	Project ID ▼		Name ▼	Project Description▼		_	Programmed Funds ▼		Funds ▼	Additional Information ▼ Present information as follows. if applicable: a) Planning / Design / or Construction; b) total project cos and funding sources used; c) advance construction
											status; d) MPO project score; e) name of entity receivin a transfer; f) name of entity paying the non-state non- federal match; g) earmark details; h) TAP project proponent; i) other information
	not use any other	format.	on Division Donoro prog	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2) Enter reducedar information de december - produce de-	TAP	programmed ►	\$ 969,778	\$ 490,405	■ Min. TAP	\$ (479,373) TAP amount exceeded!
_					Remaining H	SIP, CMAQ,	and TAP Funds	\$ 0			
► Section 1B / Earn		onary Grant F	unded Projects								
► Other Federal Aid	t			T	WODOSCIED CIDESTOCADE	1			T		
	Earmark Discretionary	604893	Central Mass	Worcester	WORCESTER- STREETSCAPE IMPROVEMENTS AT MAIN STREET & MAYWOOD STREET	3	TI	\$ 2,104,176	\$ 1,683,341	\$ 420,835	Construction / Total Project Cost = \$2,104,176 / TI#177 - MA213 / Design Status = 100%
AMENDMENT:Decrea se Cost	Earmark Discretionary	605820	Central Mass	Worcester	WORCESTER- BLACKSTONE RIVER BIKEWAY (SEGMENT 7), INCLUDING BRIDGE REHAB, W-44-041, MCGRATH BOULEVARD OVER MADISON STREET	3	HPP	\$ 4,878,646	\$ 3,902,917	\$ 975,729	Construction / CMAQ + HPP Total Project Cost = \$7,060,000 / HPP#4283 - MA202, HPP#2218 - MA157, HPP#2509 - MA165 & MA006 / Design Status = 75%
	Earmark Discretionary	606888	Central Mass	Worcester	WORCESTER- BLACKSTONE CANAL STREETSCAPE IMPROVEMENTS ON HARDING STREET	3	Sec 129	\$ 735,000	\$ 735,000		Construction / STP + Sec 129 Total Project Cost \$1,915,100 / MA238 / Design Status = 75/100% \$300,000 of the total cost is being paid by the Ci of Worcester / The earmark monies is 100% federally funded
						Other Federa	al Aid subtotal ▶	\$ 7,717,822	\$ 6,321,258	\$ 1,396,564	■ Funding Split Varies by Funding Source
► Section 2A / State	e Prioritized Re	liability Projec	ts								
► Bridge Program	Inspections										
	Bridge Program	Project #	Central Mass	Municipalities	Description	District	NHPP	\$ -	\$ -	\$ -	
					Bridge Prog	gram / Inspec	tions subtotal >	\$ -	\$ -	\$ -	■ Funding Split Varies by Funding Source
► Bridge Program	Off-System			1		T	1	1	1	1	T
	Bridge Program	Project #	MPO	N/A	Description	District	STP-BR-OFF	\$ -	\$ -	\$ -	
					Bridge Pro	gram / Off-Sy	stem subtotal >	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
► Bridge Program	On-System (N	HS)							<u> </u>		
	Bridge Program	Project #	Central Mass	Municipalities	Description	District	NHPP-On		\$ -	\$ -	
					Bridge Program /	On-System (N	NHS) subtotal •	\$ -	\$ -	\$ -	■ Funding Split Varies by Funding Source
► Bridge Program											
	Bridge Program	Project #	Central Mass	Municipalities	Description Bridge Program / On-S	District	NHPP-Off		\$ - \$ -	\$ - \$ -	■ 80% Federal + 20% Non-Federal
					Blidge Program / On-5	ysterii (Nori-r	NHS) Sublotat 🕨	\$ -	5 -	5 -	■ 60% Federal + 20% Non-Federal
► Bridge Program				1			1	1	1	1	T.
	Bridge Program	Project #	Central Mass	Municipalities	Description Bridge Program / System	District natic Mainten	NHPP-On ance subtotal ▶		\$ - \$ -	\$ - \$ -	■ Funding Split Varies by Funding Source
								1.	*	-	
							T	1	T		
► Interstate Pavem	ent				ALIBURNI WORCESTER RAVEMENT						
▶Interstate Pavem	ent Interstate Pavement	608822	Central Mass	Multiple	AUBURN- WORCESTER- PAVEMENT PRESERVATION AND RELATED WORK ON I- 290	3	NHPP	\$ 5,022,080	, , , , , , , ,	, , , , ,	
▶Interstate Pavem	Interstate	608822	Central Mass	Multiple	PRESERVATION AND RELATED WORK ON I-290	ŭ	NHPP ment subtotal ▶	, ,,,	, , , , , , , ,	, , , , ,	Construction ■ 90% Federal + 10% Non-Federal
► Interstate Pavem ► Non-Interstate Pa	Interstate Pavement	608822	Central Mass	Multiple	PRESERVATION AND RELATED WORK ON I-290	ŭ		, ,,,	, , , , , , , ,	, , , , ,	

Amendment / Standard	Planning / Adjustments / Pass-throughs	MassDOT Project ID ▼	Metropolitan	Municipality Name ▼	N Transportation I MassDot Project Description▼ LAWRENCE - INTERSECTION IMPROVEMENTS AT HAVERHILL STREET (ROUTE 110) AND AMES STREET	MassDOT	Funding Source ▼	Total Programmed Funds ▼	Federal	Non-Federal Funds ▼	Additional Information ▼ Present information as follows, if applicable; a) Planning / Design / or Construction; b) total project and funding sources used; c) advance construction status; d) MPO project score; e) name of entity rece a transfer; f) name of entity paying the non-state nor federal match; g) earmark details; h) TAP project proponent; i) other information
Regionally Prioritized Regionally Region	d Projects Roadway econstruction rogram Planning / djustments / lass-throughs	608946	·	Lawrence	IMPROVEMENTS AT HAVERHILL STREET	4]				
AMENDMENT:Add Project Page Bit	Roadway econstruction rrogram Planning / idjustments / lass-throughs		·	Lawrence	IMPROVEMENTS AT HAVERHILL STREET	4					
AMENDMENT: Add Project Project Bit	econstruction program Planning / Adjustments / Plass-throughs		·	Lawrence	IMPROVEMENTS AT HAVERHILL STREET	4					
Project Ac Project Bi	djustments / Pass-throughs	MV0002	Merrimack Valley		1		STP	\$ 1,267,500	\$ 1,014,00	00 \$ 253,500	a) Construction; b) \$1,267,500; d) TEC = 5.5 out of 18:
				N/A	FLEX TO FTA FOR MYRTA FOR BIKE RACKS FOR BUSES AND BIKE RACKS FOR MCGOVERN TRANSPORTATION CENTER IN LAWRENCE	4	STP	\$ 71,285	\$ 71,2	85 \$ -	b) \$71,285 (STP) + toll credits; e) Transfer to FTA; f) Toll Credits
	edestrians rogram	605020	Merrimack Valley	Salisbury	SALISBURY- MULTI-USE TRAIL EXTENSION (BORDERS TO BOSTON TRAIL), INCLUDES NEW BRIDGE S-02-004	4	CMAQ	\$ 4,480,877	\$ 3,584,70	02 \$ 896,175	a) Construction; b) \$7,184,194 = \$4,480,877 CMAQ + \$2,703,317 TAP; d) TEC = 5.88 ou 18; h) Project Proponent is Town of Salisbur
pe	licycles and edestrians rogram	605020	Merrimack Valley	Salisbury	SALISBURY- MULTI-USE TRAIL EXTENSION (BORDERS TO BOSTON TRAIL), INCLUDES NEW BRIDGE S-02-004	4	TAP	\$ 2,703,317	\$ 2,162,69	54 \$ 540,663	a) Construction; b) \$7,184,194 = \$4,480,877 3 CMAQ + \$2,703,317 TAP; d) TEC = 5.88 ou 18; h) Project Proponent is Town of Salisbur
s ⁻	STIP program	Project #	MPO	Municipalities	Description	District	Funding	\$ -	\$	- \$ -	
		1		1	Regionally Pri	ioritized Pro	jects subtotal ▶	\$ 8,522,979	\$ 6,832,64	40 \$ 1,690,339	9 ◀ 80% Federal + 20% Non-Federal
Section 1A / Fiscal Co	onstraint Ana	alysis									
					Total Regional Federal						\$ 1,274,758 Target Funds Available
		MDO T		Daniaral Nama form	and decorate the second state to and an and MDO anti-	STP	programmed ►	\$ 1,338,785	\$ 7,896,39	92 ⋖ Max STP	\$ 6,557,607 STP available
Co	column C) Enter I	D from ProjectInfo	o; Column E) Choose N	Municipality Name fr	m dropdown list to populate header and MPO column; from dropdown list; Column H) Choose the Funding the multiple lines; Column I) Enter the total amount of	HSIP	programmed ►	\$ -	\$ 442,9	56 ◀ Min. HSIP	\$ 442,956 HSIP recommended not
fur an	unds being progra mount and only ch	mmed in this fisca hange if needed for	al year and for each fund or flex. Column K) N on-	ding source; Colum -federal funds autoc	n J) Federal funds autocalculates. Please verify the alculates. Please verify the split/match - if matching an	CMAQ	programmed ►	\$ 4,480,877	\$ 1,107,38	89 Min. CMA	Q \$ (3,373,488) CMAQ recommended m
	TA flex, coordinat ot use any other for		sit Division before prog	ramming; Column I	L) Enter Additional Information as described - please do	TAP	programmed >	\$ 2,703,317	\$ 351,00	00 ◀ Min. TAP	\$ (2,352,317) TAP amount exceeded!
					Remaining HS	IP. CMAQ.	and TAP Funds	\$ 1,274,758			_
Section 1B / Earmark	or Discretio	nary Grant Fu	unded Projects			,,		,,_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Other Federal Aid											
	armark Discretionary	Project #	MPO	Municipalities	Description	District	HPP	\$ -	\$	- \$ -	
<u> </u>	•		•		0	ther Federa	l Aid subtotal ▶	\$ -	\$	- \$ -	■ Funding Split Varies by Funding Sound
Section 2A / State Price	ioritized Relia	ability Projec	ts								
Bridge Program / Insp	pections										
Br	Bridge Program	Project #	MPO	Municipalities	Description	District	NHPP	\$ -	\$	- \$ -	
			•		Bridge Progr	am / Inspec	ions subtotal ►	\$ -	\$	- \$ -	■ Funding Split Varies by Funding Sound
Bridge Program / Off-	-System								•	•	<u> </u>
	Bridge Program	Project #	MPO	Municipalities	Description	District	STP-BR-OFF stem subtotal ▶		\$	- \$ - - \$ -	■ 80% Federal + 20% Non-Federal

Adjustment Type ▼	STIP Program ▼	MassDOT Project ID	Metropolitan ✓ Planning Organization ✓	Municipality Name ▼	MassDOT Project Description ▼		Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Planning / Design /	on as follows, if applicable: a) or Construction; b) total project of
											status; d) MPO pro a transfer; f) name	s used; c) advance construction ject score; e) name of entity rece of entity paying the non-state nor armark details; h) TAP project information
Section 1A / Regio		d Projects										
Regionally Prioritiz	Intersection				WESTFORD- INTERSECTION							
MENDMENT:Increase ost	improvements program	608037	Northern Middlesex	Westford	IMPROVEMENTS @ GROTON ROAD (ROUTE 40) & DUNSTABLE ROAD	3	STP	\$ 2,773,260	\$ 2,218,608	\$ 554,652		otal cost: \$3,362,131 using S MPO TEC Score: 6.25 out of
MENDMENT:Change additional Information	Intersection improvements program	608037	Northern Middlesex	Westford	WESTFORD- INTERSECTION IMPROVEMENTS @ GROTON ROAD (ROUTE 40) & DUNSTABLE ROAD	3	CMAQ	\$ 588,901	\$ 471,121	\$ 117,780		ntal cost: \$3,362,161 using S MPO TEC Score: 6.25 out of
	Intersection improvements program	606189	Northern Middlesex	Lowell	LOWELL- IMPROVEMENTS ON ROUTE 38 AT FOUR INTERSECTIONS	4	TAP	\$ 281,909	\$ 225,527	\$ 56,382		otal Cost: \$4,426,100 using F PO TEC Score: 6.27 out of 18
	Intersection improvements program	606189	Northern Middlesex	Lowell	LOWELL- IMPROVEMENTS ON ROUTE 38 AT FOUR INTERSECTIONS	4	STP	\$ 4,144,191	\$ 3,315,353	\$ 828,838		otal Cost: \$4,426,100 using FO TEC Score: 6.27 out of 1
	STIP program	Project #	Northern Middlesex	Municipalities	Description	District	Funding	\$ -	\$ -	\$ -		
					Regionally Pri	oritized Pro	jects subtotal •	► \$ 7,788,261	\$ 6,230,609	\$ 1,557,652	■ 80% Federa	l + 20% Non-Federal
					Total Regional Federal A	Aid Funds F	Programmed •	\$ 7.788.261	\$ 8.647.664	▼Total	\$ 859,403	Target Funds Available
	Section 1A instru	uctions: MPO Te	emplate Name) Choose	Regional Name fro				\$ 6,917,451				STP available
	Column C) Enter Source being use	ID from ProjectIn d for the project -	fo; Column E) Choose I if multiple funding source	Municipality Name fi es are being used e	m dropdown list to populate header and MPO column; rom dropdown list; Column I) Choose the Funding nter multiple lines; Column I) Enter the total amount of m J) Federal funds autocalculates. Please verify the	STP	programmed programmed	\$ 6,917,451	\$ 6,997,392 \$ 390,961	■ Max STP ■ Min. HSIP	\$ 79,941 \$ 390,961	STP available HSIP recommended not
	Column C) Enter Source being user funds being progra amount and only of	ID from ProjectInd for the project - ammed in this fischange if needed ate with Rail & Tra	fo; Column E) Choose I if multiple funding source cal year and for each fun for flex. Column K) Non	Municipality Name fi es are being used e ding source; Colum -federal funds autoc	m dropdown list to populate header and MPO column; rom dropdown list; Column H) Choose the Funding nter multiple lines; Column I) Enter the total amount of	STP HSIP CMAQ	programmed >	\$ 6,917,451 \$ - \$ 588,901	\$ 6,997,392 \$ 390,961 \$ 977,402	✓ Max STP✓ Min. HSIP✓ Min. CMAC	\$ 79,941 \$ 390,961 \$ 388,501	STP available HSIP recommended not CMAQ recommended not met
	Column C) Enter Source being user funds being programount and only of FTA flex, coordinate	ID from ProjectInd for the project - ammed in this fischange if needed ate with Rail & Tra	fo; Column E) Choose I if multiple funding source cal year and for each fun for flex. Column K) Non	Municipality Name fi es are being used e ding source; Colum -federal funds autoc	m dropdown list to populate header and MPO column; rom dropdown list; Column H) Choose the Funding her multiple lines; Column B) Enter the total amount of an J) Federal funds autocalculates. Please verify the salculates. Please verify the split/match - if matching an L) Enter Additional Information as described - please do	STP HSIP CMAQ TAP	programmed programmed programmed programmed	\$ 6,917,451 \$ - \$ 588,901 \$ 281,909	\$ 6,997,392 \$ 390,961 \$ 977,402	✓ Max STP✓ Min. HSIP✓ Min. CMAC	\$ 79,941 \$ 390,961 \$ 388,501	STP available HSIP recommended not CMAQ recommended not met
Section 1D / Farms	Column C) Enter Source being user funds being programount and only o FTA flex, coordina not use any other	ID from ProjectInd for the project - ammed in this fisc change if needed ate with Rail & Traformat.	fo; Column E) Choose I if multiple funding source sal year and for each fun for flex. Column K) Non ansit Division before prog	Municipality Name fi es are being used e ding source; Colum -federal funds autoc	m dropdown list to populate header and MPO column; rom dropdown list; Column H) Choose the Funding nter multiple lines; Column I) Enter the total amount of in J) Federal funds autocalculates. Please verify the acliculates. Please verify the split/match - if matching an	STP HSIP CMAQ TAP	programmed programmed programmed programmed	\$ 6,917,451 \$ - \$ 588,901 \$ 281,909	\$ 6,997,392 \$ 390,961 \$ 977,402	✓ Max STP✓ Min. HSIP✓ Min. CMAC	\$ 79,941 \$ 390,961 \$ 388,501	STP available HSIP recommended not CMAQ recommended not met
Section 1B / Earma	Column C) Enter Source being user funds being programount and only o FTA flex, coordina not use any other	ID from ProjectInd for the project - ammed in this fisc change if needed ate with Rail & Traformat.	fo; Column E) Choose I if multiple funding source sal year and for each fun for flex. Column K) Non ansit Division before prog	Municipality Name fi es are being used e ding source; Colum -federal funds autoc	m dropdown list to populate header and MPO column; rom dropdown list; Column H) Choose the Funding her multiple lines; Column B) Enter the total amount of an J) Federal funds autocalculates. Please verify the salculates. Please verify the split/match - if matching an L) Enter Additional Information as described - please do	STP HSIP CMAQ TAP	programmed programmed programmed programmed	\$ 6,917,451 \$ - \$ 588,901 \$ 281,909	\$ 6,997,392 \$ 390,961 \$ 977,402	✓ Max STP✓ Min. HSIP✓ Min. CMAC	\$ 79,941 \$ 390,961 \$ 388,501	STP available HSIP recommended not CMAQ recommended no
	Column C) Enter Source being user funds being programount and only o FTA flex, coordina not use any other	ID from ProjectInd for the project - ammed in this fisc change if needed ate with Rail & Traformat.	fo; Column E) Choose I if multiple funding source sal year and for each fun for flex. Column K) Non ansit Division before prog	Municipality Name fi es are being used e ding source; Colum -federal funds autoc	m dropdown list to populate header and MPO column; rom dropdown list; Column H) Choose the Funding nter multiple lines; Column I) Enter the total amount of in J) Federal funds autocalculates. Please verify the acluculates. Please verify the splitmatch - if matching an L) Enter Additional Information as described - please do Remaining HS	STP HSIP CMAQ TAP	programmed programmed programmed programmed	\$ 6,917,451 \$ - \$ 588,901 \$ 281,909	\$ 6,997,392 \$ 390,961 \$ 977,402	✓ Max STP✓ Min. HSIP✓ Min. CMAC	\$ 79,941 \$ 390,961 \$ 388,501	STP available HSIP recommended not CMAQ recommended not met
	Column C) Enter Source being user funds being programount and only o FTA flex, coordina not use any other	ID from ProjectInd for the project - ammed in this fisc change if needed ate with Rail & Traformat.	fo; Column E) Choose I if multiple funding source sal year and for each fun for flex. Column K) Non ansit Division before prog	Municipality Name fi es are being used e ding source; Colum -federal funds autoc	m dropdown list to populate header and MPO column; rom dropdown list; Column H) Choose the Funding her multiple lines; Column B) Enter the total amount of an J) Federal funds autocalculates. Please verify the salculates. Please verify the split/match - if matching an L) Enter Additional Information as described - please do	STP HSIP CMAQ TAP	programmed programmed programmed programmed	\$ 6,917,451 \$ - \$ 588,901 \$ 281,909	\$ 6,997,392 \$ 390,961 \$ 977,402 \$ 281,909	✓ Max STP✓ Min. HSIP✓ Min. CMAG✓ Min. TAP	\$ 79,941 \$ 390,961 \$ 388,501 \$ 0	STP available HSIP recommended not CMAQ recommended not ret TAP recommended not recommended
	Column C) Enter Source being use funds being programount and only FTA flex, coordine not use any other ark or Discretion Earmark Discretionary Earmark	ID from ProjectIn for the project - ammed in this fischange if needed ate with Rail & Traformat.	fo; Column E) Choose I if multiple funding souts all year and for each fun for flex. Column K) Non insit Division before prog Funded Projects Northern Middlesex Northern	Municipality Name f es are being used ding source; Colum -federal funds auto rramming; Column	m dropdown list to populate header and MPO column; rom dropdown list; Column H) Choose the Funding nter multiple lines; Column H) Enter the total amount of in J) Federal funds autocalculates. Please verify the acticulates. Please verify the psituration in matching an L) Enter Additional Information as described - please do Remaining HS BRIDGE STREET-MERRIMACK RIVERWALK/DOWNTOWN LOWELL CANALWAY PEDESTRIAN IMPROVEMENTS/ PAWTUCKET	STP HSIP CMAQ TAP	programmed	\$ 6,917,451 \$	\$ 6,997,392 \$ 390,961 \$ 977,402 \$ 281,909	✓ Max STP✓ Min. HSIP✓ Min. CMAG✓ Min. TAP	\$ 79,941 \$ 390,961 \$ 388,501 \$ 0	STP available HSIP recommended not CMAQ recommended not met TAP recommended not r
	Column C) Enter Source being use funds being programount and only FTA flex, coordina not use any other ark or Discretion Earmark Discretionary	ID from ProjectInd of for the project ammed in this fischange if needed tate with Rail & Traformat. Conary Grant F	for Column E) Choose I if multiple funding source all year and for each fun for flex. Column K) Non ansit Division before prog	Municipality Name fees are being used e de ding source; Colum-federal funds autor ramming; Column	m dropdown list to populate header and MPO column; rom dropdown list; Column H) Choose the Funding inter multiple lines; Column H) Enter the total amount of in J) Federal funds autocalculates. Please verify the salculates. Please verify the splt/match - if matching an L) Enter Additional Information as described - please do Remaining HS BRIDGE STREET-MERRIMACK RIVERWALK/DOWNTOWN LOWELL CANALWAY PEDESTRIAN IMPROVEMENTS/ PAWTUCKET CANAL BRIDGE IMPROVEMENTS Description	STP HSIP CMAQ TAP P, CMAQ, 2	programmed programmed programmed programmed programmed Drogrammed	\$ 6,917,451 \$ - \$ 588,901 \$ 281,909 \$ \$ 859,403	\$ 6,997,392 \$ 390,961 \$ 977,402 \$ 281,909 \$ 1,073,000 \$ -	■ Max STP ■ Min. HSIP ■ Min. CMAC ■ Min. TAP \$ 268,250	\$ 79,941 \$ 390,961 \$ 388,501 \$ 0 Other FA; Feder to the City of Lor	STP available HSIP recommended not CMAQ recommended not net TAP recommended not r
Other Federal Aid	Column C) Enter Source being use funds being programount and only of FTA flex, coording not use any other stark or Discretionary Earmark Discretionary Earmark Discretionary	ID from ProjectInd of for the project ammed in this fischange if needed tate with Rail & Traformat. Project #	for, Column E) Choose if multiple funding source all year and for each fun for flex. Column K) Non ansit Division before programmer in the funding funding for flex. Column K) When the funding for form of the funding funding funding funding for form of the funding funding funding funding for form of funding fu	Municipality Name fees are being used e de ding source; Colum-federal funds autor ramming; Column	m dropdown list to populate header and MPO column; rom dropdown list; Column H) Choose the Funding inter multiple lines; Column H) Enter the total amount of in J) Federal funds autocalculates. Please verify the salculates. Please verify the splt/match - if matching an L) Enter Additional Information as described - please do Remaining HS BRIDGE STREET-MERRIMACK RIVERWALK/DOWNTOWN LOWELL CANALWAY PEDESTRIAN IMPROVEMENTS/ PAWTUCKET CANAL BRIDGE IMPROVEMENTS Description	STP HSIP CMAQ TAP P, CMAQ, 2	programmed programmed programmed programmed programmed Drogrammed	\$ 6,917,451 \$ - \$ 588,901 \$ 281,909 \$ 859,403 \$ 1,341,250 \$ -	\$ 6,997,392 \$ 390,961 \$ 977,402 \$ 281,909 \$ 1,073,000 \$ -	■ Max STP ■ Min. HSIP ■ Min. CMAC ■ Min. TAP \$ 268,250	\$ 79,941 \$ 390,961 \$ 388,501 \$ 0 Other FA; Feder to the City of Lor	STP available HSIP recommended not CMAQ recommended not ret TAP recommended not r
Other Federal Aid	Column C) Enter Source being use funds being programount and only FTA flex, coording not use any other sark or Discretion and construction of the coordinate	ID from ProjectInd of for the project ammed in this fischange if needed tate with Rail & Traformat. Project #	for, Column E) Choose if multiple funding source all year and for each fun for flex. Column K) Non ansit Division before programmer in the funding funding for flex. Column K) When the funding for form of the funding funding funding funding for form of the funding funding funding funding for form of funding fu	Municipality Name fees are being used e de ding source; Colum-federal funds autor ramming; Column	m dropdown list to populate header and MPO column; rom dropdown list; Column H) Choose the Funding inter multiple lines; Column H) Enter the total amount of in J) Federal funds autocalculates. Please verify the salculates. Please verify the splt/match - if matching an L) Enter Additional Information as described - please do Remaining HS BRIDGE STREET-MERRIMACK RIVERWALK/DOWNTOWN LOWELL CANALWAY PEDESTRIAN IMPROVEMENTS/ PAWTUCKET CANAL BRIDGE IMPROVEMENTS Description	STP HSIP CMAQ TAP P, CMAQ, 2	programmed programmed programmed programmed programmed Drogrammed	\$ 6,917,451 \$ - \$ 588,901 \$ 281,909 \$ 859,403 \$ 1,341,250 \$ -	\$ 6,997,392 \$ 390,961 \$ 977,402 \$ 281,909 \$ 1,073,000 \$ -	■ Max STP ■ Min. HSIP ■ Min. CMAC ■ Min. TAP \$ 268,250	\$ 79,941 \$ 390,961 \$ 388,501 \$ 0 Other FA; Feder to the City of Lor	STP available HSIP recommended not CMAQ recommended not ret TAP recommended not r
Other Federal Aid Section 2A / State	Column C) Enter Source being use funds being programount and only to FTA flex, coording not use any other ark or Discretion Earmark Discretionary Earmark Discretionary Prioritized Rel Inspections	ID from ProjectInd of for the project ammed in this fischange if needed tate with Rail & Traformat. Donary Grant F FLNM01 Project #	for, Column E) Choose if multiple funding source all year and for each fun for flex. Column K) Non ansit Division before programmer in the funding funding for flex. Column K) When the funding for form of the funding funding funding funding for form of the funding funding funding funding for form of funding fu	Municipality Name feas are being used e de ding source; Colum-federal funds autor ramming; Column Lowell Municipalities	m dropdown list to populate header and MPO column; rom dropdown list; Column H) Choose the Funding nter multiple lines; Column I) Enter the total amount of in J) Federal funds autocalculates. Please verify the autocalculates. Please verify the psiluculate. Please verify the autocalculates psilumath - if matching an L) Enter Additional Information as described - please do Remaining HS BRIDGE STREET-MERRIMACK RIVERWALK/DOWNTOWN LOWELL CANALWAY PEDESTRIAN IMPROVEMENTS/ PAWTUCKET CANAL BRIDGE IMPROVEMENTS Description	STP HSIP CMAQ TAP P, CMAQ, 2	programmed programmed programmed programmed programmed Drogrammed	\$ 6,917,451 \$ - \$ 588,901 \$ 281,909 \$ 859,403 \$ 1,341,250 \$ -	\$ 6,997,392 \$ 390,961 \$ 977,402 \$ 281,909 \$ 1,073,000 \$ -	■ Max STP ■ Min. HSIP ■ Min. CMAC ■ Min. TAP \$ 268,250	\$ 79,941 \$ 390,961 \$ 388,501 \$ 0 Other FA; Feder to the City of Lor	STP available HSIP recommended not CMAQ recommended not TAP recommended not i
Other Federal Aid	Column C) Enter Source being use funds being programount and only FTA flex, coording not use any other sark or Discretion and construction of the coordinate	ID from ProjectInd of for the project ammed in this fischange if needed tate with Rail & Traformat. Donary Grant F FLNM01 Project #	for, Column E) Choose I if multiple funding source all year and for each fun for flex. Column K) Non nasit Division before programmer of the column K of the c	Municipality Name fees are being used e de ding source; Colum-federal funds autor ramming; Column	m dropdown list to populate header and MPO column; rom dropdown list; Column H) Choose the Funding nter multiple lines; Column I) Enter the total amount of in J) Federal funds autocalculates. Please verify the autocalculates. Please verify the psiluculate. Please verify the autocalculates psilumath - if matching an L) Enter Additional Information as described - please do Remaining HS BRIDGE STREET-MERRIMACK RIVERWALK/DOWNTOWN LOWELL CANALWAY PEDESTRIAN IMPROVEMENTS/ PAWTUCKET CANAL BRIDGE IMPROVEMENTS Description O Description	STP HSIP CMAQ TAP IP, CMAQ, 2 District District	programmed programmed programmed programmed programmed Drogrammed	\$ 6,917,451 \$ - \$ 588,901 \$ 281,909 \$ \$ 859,403 \$ 1,341,250 \$ - \$ 1,341,250	\$ 6,997,392 \$ 390,961 \$ 977,402 \$ 281,909 \$ 1,073,000 \$ 1,073,000	■ Max STP ■ Min. HSIP ■ Min. CMAC ■ Min. TAP \$ 268,250 \$ - \$ 268,250	\$ 79,941 \$ 390,961 \$ 388,501 \$ 0 Other FA; Feder to the City of Lor	STP available HSIP recommended not CMAQ recommended not in TAP recommended not in al Lands Access Program a well it Varies by Funding Sou
Other Federal Aid Section 2A / State Bridge Program / In	Column C) Enter Source being use funds being programount and only to FTA flex, coording not use any other Earmark Discretionary Earmark Discretionary Prioritized Rel spections Bridge Program	ID from ProjectInd of for the project ammed in this fischange if needed tate with Rail & Traformat. Donary Grant F FLNM01 Project #	for, Column E) Choose I if multiple funding source all year and for each fun for flex. Column K) Non nasit Division before programmer of the column K of the c	Municipality Name feas are being used e de ding source; Colum-federal funds autor ramming; Column Lowell Municipalities	m dropdown list to populate header and MPO column; rom dropdown list; Column H) Choose the Funding nter multiple lines; Column I) Enter the total amount of in J) Federal funds autocalculates. Please verify the autocalculates. Please verify the psiluculate. Please verify the autocalculates psilumath - if matching an L) Enter Additional Information as described - please do Remaining HS BRIDGE STREET-MERRIMACK RIVERWALK/DOWNTOWN LOWELL CANALWAY PEDESTRIAN IMPROVEMENTS/ PAWTUCKET CANAL BRIDGE IMPROVEMENTS Description O Description	STP HSIP CMAQ TAP IP, CMAQ, 2 District District	programmed programmed programmed programmed programmed Deprogrammed De	\$ 6,917,451 \$ - \$ 588,901 \$ 281,909 \$ \$ 859,403 \$ 1,341,250 \$ - \$ 1,341,250	\$ 6,997,392 \$ 390,961 \$ 977,402 \$ 281,909 \$ 1,073,000 \$ - \$ 1,073,000	■ Max STP ■ Min. HSIP ■ Min. CMAC ■ Min. TAP \$ 268,250 \$ - \$ 268,250	\$ 79,941 \$ 390,961 \$ 388,501 \$ 0 Other FA; Feder to the City of Lor	STP available HSIP recommended not CMAQ recommended not TAP recommended not i
Section 1B / Earma Other Federal Aid Section 2A / State Bridge Program / In	Column C) Enter Source being use funds being programount and only to FTA flex, coording not use any other Earmark Discretionary Earmark Discretionary Prioritized Rel spections Bridge Program	ID from ProjectInd of for the project ammed in this fischange if needed itse with Rail & Traformat. Project # Project #	for, Column E) Choose I if multiple funding source all year and for each fun for flex. Column K) Non nasit Division before programmer of the column K of the c	Municipality Name feas are being used e de ding source; Colum-federal funds autor ramming; Column Lowell Municipalities	m dropdown list to populate header and MPO column; rom dropdown list; Column H) Choose the Funding nter multiple lines; Column H) Enter the total amount of in J) Federal funds autocalculates. Please verify the autocalculates pslitmatch - if matching an L) Enter Additional Information as described - please do Remaining HS BRIDGE STREET-MERRIMACK RIVERWALK/DOWNTOWN LOWELL CANALWAY PDESTRIAN IMPROVEMENTS/ PAWTUCKET CANAL BRIDGE IMPROVEMENTS Description O Description Bridge Progr.	STP HSIP CMAQ TAP TAP P, CMAQ, 2 District ther Federa District am / Inspect	programmed	\$ 6,917,451 \$ - \$ 588,901 \$ 281,908 \$ \$ 859,403 \$ 1,341,250 \$ - \$ 1,341,250	\$ 6,997,392 \$ 390,961 \$ 977,402 \$ 281,909 \$ 1,073,000 \$ - \$ 1,073,000	■ Max STP ■ Min. HSIP ■ Min. CMAC ■ Min. TAP \$ 268,250 \$ - \$ 268,250	\$ 79,941 \$ 390,961 \$ 388,501 \$ 0 Other FA; Feder to the City of Low Funding Spi	STP available HSIP recommended not CMAQ recommended not TAP recommended not al Lands Access Program awell it Varies by Funding Sou
Other Federal Aid Section 2A / State Bridge Program / In	Column C) Enter Source being use funds being programount and only FTA flex, coordina not use any other Earmark Discretionary Earmark Discretionary Prioritized Rel nspections Bridge Program	ID from ProjectInd of for the project ammed in this fischange if needed itse with Rail & Traformat. Project # Project #	for Column E) Choose Ir if multiple funding source al year and for each fun for flex. Column K) Non ansit Division before prog Funded Projects Northern Middlesex Northern Middlesex MPO MPO	Municipality Name fe so are being used e ding source; Colum -federal funds autor ramming; Column Lowell Municipalities	m dropdown list to populate header and MPO column; rom dropdown list; Column H) Choose the Funding nter multiple lines; Column H) Enter the total amount of in J) Federal funds autocalculates. Please verify the autocalculates pslitmatch - if matching an L) Enter Additional Information as described - please do Remaining HS BRIDGE STREET-MERRIMACK RIVERWALK/DOWNTOWN LOWELL CANALWAY PDESTRIAN IMPROVEMENTS/ PAWTUCKET CANAL BRIDGE IMPROVEMENTS Description O Description Bridge Progr.	STP HSIP CMAQ TAP TAP P, CMAQ, 2 District ther Federa District am / Inspect	programmed programmed programmed programmed programmed Deprogrammed De	\$ 6,917,451 \$ - \$ 588,901 \$ 281,908 \$ \$ 859,403 \$ 1,341,250 \$ - \$ 1,341,250	\$ 6,997,392 \$ 390,961 \$ 977,402 \$ 281,909 \$ 1,073,000 \$ - \$ 1,073,000	■ Max STP ■ Min. HSIP ■ Min. CMAC ■ Min. TAP \$ 268,250 \$ - \$ 268,250	\$ 79,941 \$ 390,961 \$ 388,501 \$ 0 Other FA; Feder to the City of Low Funding Spi	STP available HSIP recommended not CMAQ recommended not met TAP recommended not al Lands Access Program a well it Varies by Funding Sou
Other Federal Aid Section 2A / State Bridge Program / In	Column C) Enter Source being use funds being programount and only of FTA flex, coordina not use any other Earmark Discretion Discretionary Prioritized Rel Bridge Program Bridge Program	ID from ProjectInd of for the project ammed in this fischange if needed tate with Rail & Traformat. Project # Project # Project #	for Column E) Choose Ir if multiple funding source al year and for each fun for flex. Column K) Non ansit Division before prog Funded Projects Northern Middlesex Northern Middlesex MPO MPO	Municipality Name fe so are being used e ding source; Colum -federal funds autor ramming; Column Lowell Municipalities	m dropdown list to populate header and MPO column; rom dropdown list; Column H) Choose the Funding nter multiple lines; Column H) Enter the total amount of in J) Federal funds autocalculates. Please verify the autocalculates pslitmatch - if matching an L) Enter Additional Information as described - please do Remaining HS BRIDGE STREET-MERRIMACK RIVERWALK/DOWNTOWN LOWELL CANALWAY PDESTRIAN IMPROVEMENTS/ PAWTUCKET CANAL BRIDGE IMPROVEMENTS Description O Description Bridge Progr.	STP HSIP CMAQ TAP TAP P, CMAQ, 2 District ther Federa District am / Inspect	programmed	\$ 6,917,451 \$ - \$ 588,901 \$ 281,908 \$ \$ 859,403 \$ 1,341,250 \$ - \$ 1,341,250	\$ 6,997,392 \$ 390,961 \$ 977,402 \$ 281,909 \$ 1,073,000 \$ - \$ 1,073,000	■ Max STP ■ Min. HSIP ■ Min. CMAC ■ Min. TAP \$ 268,250 \$ - \$ 268,250	\$ 79,941 \$ 390,961 \$ 388,501 \$ 0 Other FA; Feder to the City of Low Funding Spi	STP available HSIP recommended not CMAQ recommended not TAP recommended not al Lands Access Program awell it Varies by Funding Sou
Other Federal Aid Section 2A / State Bridge Program / In	Column C) Enter Source being use funds being programount and only of FTA flex, coordina not use any other Earmark Discretion Discretionary Prioritized Rel Bridge Program Bridge Program	ID from ProjectInd of for the project ammed in this fischange if needed take with Rail & Traformat. Project # Project # Project # Project #	for, Column E) Choose I if multiple funding source all year and for each fun for flex. Column K) Non nasit Division before programmer of the column K of the c	Municipality Name fe so are being used e ding source; Colum -federal funds autor ramming; Column Lowell Municipalities	m dropdown list to populate header and MPO column; rom dropdown list; Column H) Choose the Funding nter multiple lines; Column H) Enter the total amount of in J) Federal funds autocalculates. Please verify the autocalculates pslitmatch - if matching an L) Enter Additional Information as described - please do Remaining HS BRIDGE STREET-MERRIMACK RIVERWALK/DOWNTOWN LOWELL CANALWAY PDESTRIAN IMPROVEMENTS/ PAWTUCKET CANAL BRIDGE IMPROVEMENTS Description O Description Bridge Progr.	STP HSIP CMAQ TAP TAP P, CMAQ, 2 District ther Federa District am / Inspect am / Off-Sys	programmed	\$ 6,917,451 \$ - \$ 588,901 \$ 281,908 \$ 859,403 \$ 1,341,250 \$ - \$ 1,341,250	\$ 6,997,392 \$ 390,961 \$ 977,402 \$ 281,909 \$ 1,073,000 \$ - \$ 1,073,000	■ Max STP ■ Min. HSIP ■ Min. CMAC ■ Min. TAP \$ 268,250 \$ - \$ 268,250	\$ 79,941 \$ 390,961 \$ 388,501 \$ 0 Other FA; Feder to the City of Low Funding Spi Funding Spi 80% Federa	STP available HSIP recommended no CMAQ recommended not TAP recommended not at Lands Access Program well it Varies by Funding So

2018	SE Mass I	Region	n Trans	portat	ion Improvement	Progr	am				
Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan 7 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; o, advance construction status; d) MPO project score; e) name of entity receiving transfer; f) name of entity paying the non-state non-federmatch; g) earmark details; h) TAP project proponent; i) other information
	Bridge Program	Project #	MPO	Municipalities	Description	District	NHPP-On	•	\$ -	\$ -	
					Bridge Program	n / On-System (I	NHS) subtotal >	\$ -	\$ -	\$ -	■ Funding Split Varies by Funding Source
► Bridge Program / On-System (N	lon-NHS)										
	Bridge Program	Project #	MPO	Municipalities	Description	District	NHPP-Off	\$ -	\$ -	\$ -	
					Bridge Program / On	n-System (Non-I	NHS) subtotal >	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
► Bridge Program / Systematic M	aintenance										
	Bridge Program	Project #	MPO	Municipalities	Description	District	NHPP-On	\$ -	\$ -	\$ -	
	•		•		Bridge Program / Syst	tematic Mainten	ance subtotal >	\$ -	\$ -	\$ -	■ Funding Split Varies by Funding Source
►Interstate Pavement											
	Interstate Pavement	607566	Southeastern Mass	Multiple	SEEKONK- REHOBOTH- INTERSTATE MAINTENANCE & RELATED WORK ON I-195	5	STP	\$ 10,025,772	\$ 9,023,195	\$ 1,002,577	Construction / Includes \$2,000,000 of stormwater improvements
	Interstate Pavement	608377	Southeastern Mass	Multiple	DARTMOUTH- NEW BEDFORD- INTERSTATE MAINTENANCE AND RELATED WORK ON I- 195	5	NHPP	\$ 11,217,552	\$ 10,095,797	\$ 1,121,755	Construction
			"		Ir	nsterstate Pave	ment subtotal >	\$ 21,243,324	\$ 19,118,992	\$ 2,124,332	■ 90% Federal + 10% Non-Federal
Non-Interstate Pavement						1					
	Non-Interstate Pavement	Project #	MPO	Municipalities	Description	District	NHPP	\$ -		\$ -	
					Non-	Interstate Pave	ment subtotal >	- \$	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
➤ Roadway Improvements	D	D	MPO	Municipalities	D	District	STP	s -		\$ -	
	Roadway Improvements	Project #	MPO	wunicipanties	Description		nents subtotal ►	Ŧ	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
Safety Improvements						array improves	ionio dabiota, r	•	.	V	1 00% : 000.00 : 20% : 100 : 1 000.00
ADJUSTMENT:Change Project Description,ADJUSTMENT:Decrease Cost	Safety Improvements	608893	Southeastern Mass	Multiple	NORTON - TAUNTON - MEDIAN CABLE BARRIER INSTALLATION ON I-495	5	HSIP	\$ 940,771	\$ 846,694	\$ 94,077	
	1	· ·	<u> </u>		S	Safety Improven	ents subtotal >	\$ 940,771	\$ 846,694	\$ 94,077	■ Funding Split Varies by Funding Source
Section 2B / State Prioritized M	odernization Projects										
► ADA Retrofits		_							i		
	ADA Retrofits	Project #	MPO	Municipalities	Description	District	STP	\$ -	\$ -	\$ -	
						ADA Ret	rofits subtotal >	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
Intersection Improvements			1								
	Intersection Improvements	Project #	MPO	Municipalities	Description	District	CMAQ	\$ -		\$ -	45 5 0 5 7 5 5 5
					Interse	ection Improven	ents subtotal >	\$ -	\$ -	\$ -	■ Funding Split Varies by Funding Source
► Intelligent Transportation Syste		1	1								
	Intelligent Transportation Systems	Project #	MPO	Municipalities	Description	District	NHPP	\$ -	\$ -	\$ -	
	Oyaleilla			1		1	1	1	1	1	

Production Project P	Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼		Municipality Name ▼	MassDOT Project	MassDOT District ▼	Funding Source ▼	Total Programmed	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ Present information as follows, if applicable: a)
Roadway Reconstruction 608001 Southeastern Fall River Fall Review Reprovemental of Multiple Fall Review Fall Rev				Organization ▼		Description▼			Funds ▼			Planning / Design / or Construction: b) total project co and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receivi transfer; f) name of entity paying the non-state non-fec match; g) earmark details; h) TAP project proponent; other information
Roadway Reconstruction Sost Southeastern Roadway Reconstruction Roadway Reconstru	Roadway Reconstruction		1		1							
Roadway Reconstruction 609177 Roadway Reconstruction Service and Pedestrians Roadway Reconstruction subtotal Service and Pedestrians Section 20/State Prioritized Expansion Projects		Roadway Reconstruction	608001		Fall River		5	TAP	\$ 1,256,040	\$ 1,004,832	\$ 251,208	Construction / TAP project proponent is Fall Riv
Section 2C / State Prioritized Expansion Projects		Roadway Reconstruction	608747		New Bedford	AND LINCOLN ELEMENTARY SCHOOLS		TAP	\$ 1,545,600	\$ 1,236,480	\$ 309,120	Construction
Secretarian Supplies and Pedestrians Supplies and Pedestrians subtotal \$. \$. \$. \$. \$. \$. \$. \$. \$. \$						Road	way Reconstru	ction subtotal ►	\$ 2,801,640	\$ 2,241,312	\$ 560,328	■ 80% Federal + 20% Non-Federal
Supplies and Pedestrians	Section 2C / State Prioritized	Expansion Projects										
Capacity Project # MPO Municipalities Description District NHPP S S S S S S S S S		· · · · · ·										
Capacity	ADJUSTMENT:Change Additional	Bicycles and Pedestrians	605677		Mattapoisett	CONSTRUCTION (PENN CENTRAL RIGHT OF WAY), FROM MATTAPOISETT NECK ROAD TO	5	CMAQ	\$ 592,221	\$ 473,777	\$ 118,444	Total Project Cost \$7,960,228 (FFY2018 \$592,; CMAQ / FFY2019 \$2,143,101 TAP / FFY2019 \$5,224,906 CMAQ); AC YR 1 of 2 / PSAC score
Capacity Project # MPO Municipalities Description District CMAQ \$ - \$ - \$ - \$ - \$ - \$ Total of All Projects				1		Bicyc	les and Pedest	rians subtotal >	- \$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
Section 3 / Planning / Adjustments / Pass-throughs Project # MPO Municipalities Description District NHPP \$. \$. \$. \$. \$. \$. \$. \$. \$. \$	Capacity											
Section 3 / Planning / Adjustments / Pass-throughs Planning / Adjustments / Pass throughs Project # MPO Municipalities Description District NHPP \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$		Capacity	Project #	MPO	Municipalities	Description	District	CMAQ	\$ -	\$ -	\$ -	
Planning / Adjustments / Pass-throughs			1	1	1	1	Cap	acity subtotal >	\$ -	\$ -	\$ -	■ Funding Split Varies by Funding Source
Planning / Adjustments / Pass throughs Project # MPO Municipalities Description District NHPP \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Section 3 / Planning / Adjustr	ments / Pass-throughs										
throughs Project MPO Municipalities Description District NFP \$ - \$ - \$ - \$ - \$ Funding Split Varies by Funding Sou Section 4 / Non-Federally Aided Projects Non-Federally Aided Projects Non Federal Aid Project MPO Municipalities Description District NFA \$ - \$ - \$ - \$ - \$ 100% Non-Federal Non-Federal Aid subtotal ▶ \$ - \$ - \$ - \$ - \$ 100% Non-Federal Summary Total ► Total ► Total Federal Aid Substal ► Total Federal Spending in Region Federal Funds ► \$ 47,393,747 \$ - \$ 47,393,747 \$ - \$ 47,393,747 \$ - \$ 47,230,008 \$ - \$ 1000 Federal Region Total ► \$ 40,223,008 \$ 40,223,008 \$ - \$ 1000 Federal Region Total Federal Spending in Region	Planning / Adjustments / Pas	s-throughs										
Section 4 / Non-Federally Aided Projects Non Federal Aid Project # MPO Municipalities Description District NFA \$ - \$ \$ - \$ \$ 100% Non-Federal Non-Federal Aid subtotal \$ - \$ \$ - \$ 100% Non-Federal Non-Federal Aid subtotal \$ - \$ \$ - \$ 100% Non-Federal TiP Section 1 - TiP Section 4: Total of All Projects \$ - \$ 47,393,747 \$ - \$ 47			s- Project#	MPO	Municipalities	·			*		\$ -	
Non Federal Aid						Ot	her Statewide I	tems subtotal >	\$ -	\$ -	\$ -	■ Funding Split Varies by Funding Source Source Property Property
Non Federal Aid												
Non Federal Aid	Section 4 / Non-Federally Aid	ed Projects										
Non-Federal Aid subtotal ► \$ - \$ 4100% Non-Federal TIP Section 1 - TIP Section 4: Total of All Projects ▼ Total ► \$ 47,393,747 \$ - \$ 47,393,747 ✓ Total Spending in Region Federal Funds ► \$ 40,223,008	Non-Federally Aided Projects		1	1	T		T		1		1	I
TIP Section 1 - TIP Section 4: Total of All Projects ▼ Total ► \$ 47,393,747 \$ - \$ 47,393,747 ▼ Total Spending in Region Federal Funds ► \$ 40,223,008 \$ 40,223,008 ▼ Total Federal Spending in Region		Non Federal Aid	Project #	MPO	Municipalities	Description			Ψ		\$ -	
3: ▼							Non-Feder	al Aid subtotal▶				■100% Non-Federal
Federal Funds ► \$ 40,223,008 \$ 40,223,008 ◀ Total Federal Spending in Region	2018 Summary											
							_			\$ -		
										\$ -		

Section 2C / State Prioritized Expansion Projects - Bicycles and Pedestrians DJUSTMENT: Change Additional formation Bicycles and Pedestrians Mattapoisett Multi-use Path Construction (Penn Central Pedestrians) Mattapoisett Multi-use Path Construction (Penn Central Pedestrians) Mattapoisett Multi-use Path Construction (Penn Central Pedestrians) DJUSTMENT: Decrease Cost Pedestrians Bicycles and Pedestrians Mattapoisett Multi-use Path Construction (Penn Central Pedestrians) Mattapoisett Multi-use Path Construction (Penn Central Pedestrians) DJUSTMENT: Decrease Cost Pedestrians Bicycles and Pedestrians Bicycles and Pedestrians Mattapoisett Multi-use Path Construction (Penn Central Pedestrians) Mattapoisett Multi-use Path Construction (Penn Central Pedestrians) DJUSTMENT: Decrease Cost Pedestrians Bicycles and Pedestrians Bicy	Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID 1	Metropolitan 7 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 or and funding sources used; c) advance construction status; d) MPO project score; e) name of entity recei a transfer; f) name of entity paying the non-state nor federal match; g) earmark details; h) TAP project
Digital Properties Digital Digital Properties Digital Digital Properties Digital Digi												
DJUSTMENT Change Additional Bicycles and Pedestrians	Section 2C / State Prioritized	Expansion Projects	;									
Counting Dustrick Transpe Additional Dustrick	► Bicycles and Pedestrians											
Counting Dustrick Transpe Additional Dustrick												
DJUSTMENT: Decrease Cost Bicycles and Pedestrians Bicycles and Pedestrians Bicycles and Pedestrians Bicycles and Pedestrian subtotal Society S	ADJUSTMENT:Change Additional Information		605677		Mattapoisett	CONSTRUCTION (PENN CENTRAL RIGHT OF WAY), FROM MATTAPOISETT NECK ROAD TO	5	TAP	\$ 2,143,101	\$ 1,714,481	\$ 1,371,585	Total Project Cost \$7,960,228 (FFY2018 \$592,2 CMAQ / FFY2019 \$2,143,101 TAP / FFY2019 \$5,224,906 CMAQ); AC YR 2 of 2 / PSAC score
Bicycle and Pedestrian subtotal \$ 7,368,007 \$ 5,894,406 \$ 4,715,525 < 80% Federal + 20% Non-Federal	ADJUSTMENT:Decrease Cost		605677		Mattapoisett	CONSTRUCTION (PENN CENTRAL RIGHT OF WAY), FROM MATTAPOISETT NECK ROAD TO	5	CMAQ	\$ 5,224,906	\$ 4,179,925	\$ 3,343,940	Total Project Cost \$7,960,228 (FFY2018 \$592, CMAQ / FFY2019 \$2,143,101 TAP / FFY2019 \$5,224,906 CMAQ); AC YR 2 of 2 / PSAC score
Capacity Project # MPO Municipalities Description District CMAQ \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$						DEI OT OTREET (I TIAGE 1D)						
Capacity Project # MPO Municipalities Description District CMAQ \$. \$. \$. \$. \$. \$. \$. \$. \$. \$	Canacity			<u>'</u>		Bicycle	and Pedestria	n subtotal >	\$ 7,368,007	\$ 5,894,406	\$ 4,715,525	■ 80% Federal + 20% Non-Federal
Section 3 / Planning / Adjustments / Pass-throughs Other Statewide Items subtotal > \$ - \$ - \$ - \$ - \$ - \$ funding Split Varies by Funding Sour Statewide Items subtotal > \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	Сараспу	Capacity	Project #	MPO	Municipalities	Description	District	CMAQ	\$ -	\$ -	\$ -	
Planning / Adjustments / Pass-throughs Planning / Adjustments / Pass-throughs Project # MPO Municipalities Description District NHPP \$ - \$ - \$ - \$ - \$				1	1		1		\$ -	\$ -	\$ -	■ Funding Split Varies by Funding Source
Planning / Adiustments / Pass- Project # MPO Municipalities Description District NHPP \$ - \$ - \$ - \$ Inding Split Varies by Funding Sour			hs									
Other Statewide Items subtotal ► \$ - \$ - \$ - \$ Funding Split Varies by Funding Sour Section 4 / Non-Federally Aided Projects Non-Federally Aided Projects Non-Federal Aid Project # MPO Municipalities Description District NFA \$ - \$ - \$ 100% Non-Federal Non-Federal Aid subtotal ► \$ - \$ 100% Non-Federal District Non-Federal Aid Subtotal ► \$ - \$ 100% Non-Federal District Non-Federal Aid Subtotal ► \$ - \$ 100% Non-Federal District Non-Federal Aid Subtotal ► \$ - \$ 100% Non-Federal District Non-Federal Aid Subtotal ► \$ - \$ 100% Non-Federal District Non-Fe	Planning / Adjustments / Pas	Planning /	Project #	MPO	Municipalities	Description	District	NILIDD	¢	¢	e	
Section 4 / Non-Federally Aided Projects Non-Federally Aided Projects Non Federal Aid Project # MPO Municipalities Description District NFA \$ - \$ \$ - \$ 100% Non-Federal Non-Federal Aid subtotal ▶ \$ - \$ 100% Non-Federal TIP Section 1 - 3: ▼ TIP Section 4: ▼ Total of All Projects ▼ Total ▶ \$ 70,280,724 \$ - \$ 70,280,724 \$ - \$ 70,280,724 \$ - \$ 100% Non-Federal Total ▶ \$ 55,653,919 \$ 55,653,919 ▼ Total Federal Spending in Region		Adjustments / Pass	. Froject#	MFO	wuriicipanties					· ·		■ Funding Split Varies by Funding Source
Non Federal Aid												
Non Federal Aid	<u> </u>											
Non-Federal Aid subtotal▶ \$ - \$ - \$ 100% Non-Federal 2019 Summary TiP Section 1 - 3: ▼ TiP Section 4: ▼ Total of All Projects ▼ Total ▶ \$ 70,280,724 \$ - \$ 70,280,724 \$ - \$ 70,280,724 \$ - \$ 55,653,919 \$ 55,653,919 \$ Total Federal Spending in Region	Non-Federally Aided Projects		D	MDO	N.A	Description	District	NEA				
Tip Section 1 - 3: ▼ Tip Section 4: ▼ Total of All Projects ▼ Total ► \$ 70,280,724 \$ - \$ 70,280,724 ▼ Total Spending in Region Federal Funds ► \$ 55,653,919 ▼ Total Federal Spending in Region		Non Federal Ald	Project #	МРО	iviunicipalities				*			■100% Non-Federal
Federal Funds ► \$ 55,653,919 \$ 55,653,919 ◀ Total Federal Spending in Region	2019 Summary							a cubicitary		TIP Section 4: ▼	Total of All	_
Federal Funds ► \$ 55,653,919 \$ 55,653,919 ◀ Total Federal Spending in Region								Total N	¢ 70,290,72	T &	¢ 70,200,724	4 Total Counting in Davis

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/Plaggers/main.aspx

2018	State	wide 1	Franspo	ortatio	n Improvement P	rogra	ım				
Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼		Total 7 Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ Present information as follows. if applicable: a) Planning / Design / or Construction; b) total project or and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receive a transfer; f) name of entity paying the non-state non federal match; g) earmark details; h) TAP project proponent; i) other information
	Intersection Improvements	608581	Statewide	Multiple	STATEWIDE-VARIOUS SAFETY STRATEGIES TO ADDRESS SHSP-TO BE DETERMINED (2018)	Multiple	HSIP	\$ 343,503	\$ 309,15	3 \$ 34,350	Cost adjusted for adding Project ID 608893 Norton Median Cable Barrier Installation on I-4s in Southeastern Mass MPO
	Intersection Improvements						CMAQ				
			1		Intersection In	mprovements	subtotal >	\$ 1,323,129	\$ 1,190,81	6 \$ 132,313	■ Funding Split Varies by Funding Source
►Intelligent Transpor	tation System	s		1		1	Т				
ADJUSTMENT:Decrease Cost	Intelligent Transportation Systems	606938	Statewide	Multiple	DISTRICTS 4 AND 6 - EXPANSION OF ITS EQUIPMENT (CCTV CAMERAS, TRAFFIC SENSORS, AND VMS) FOR HIGHWAY OPERATIONS	Multiple	NHPP	\$ 1,526,765	\$ 1,221,41	2 \$ 305,353	AC YR 1 of 2, Total Project Cost = \$6,707,265
ADJUSTMENT:Decrease Cost	Intelligent Transportation Systems	608991	Statewide	Multiple	DISTRICT 5 - EXPANSION OF ITS EQUIPMENT (CCTV CAMERAS, TRAFFIC SENSORS, AND VMS) FOR HIGHWAY OPERATIONS	5	NHPP	\$ 4,105,315	\$ 3,284,25	2 \$ 821,063	Construction / Total Project Cost = \$4,726,460
ADJUSTMENT:Increase Cost	Intelligent Transportation Systems	607487	Statewide	Multiple	DISTRICT 3 - EXPANSION OF ITS EQUIPMENT (CCTV CAMERAS, TRAFFIC SENSORS, AND VMS) FOR HIGHWAY OPERATIONS	3	NHPP	\$ 4,726,460	\$ 3,781,16	8 \$ 945,292	Construction / Total Project Cost = \$4,105,315
		"			Intelligent Transport	tation System	subtotal >	\$ 10,358,540	\$ 8,286,83	2 \$ 2,071,708	■ 80% Federal + 20% Non-Federal
► Roadway Reconstr								1		1	
	Roadway Reconstruction						CMAQ				
	Roadway Reconstruction						TAP				
	Roadway Reconstruction						CMAQ				
	Roadway Reconstruction						TAP				
-	Reconstruction		-		Roadway R	econstruction	subtotal >	\$ -	\$ -	\$ -	■ 80% Federal + 20% Non-Federal
► Section 2C / State F	Prioritized Exp	ansion Project	ts								
► Bicycles and Pedes	trians										
	Bicycles and Pedestrians						CMAQ				
	Bicycles and						CMAQ				
	Pedestrians Bicycles and										
	Pedestrians				Ricycles and	d Pedestrians	CMAQ		\$ -	\$ -	■ 80% Federal + 20% Non-Federal
► Capacity					Dicycles and	a i cucstilane	3 3 d D l O l d i	-	Ψ	ΙΨ -	4 00 /01 Cacrai · 20 /01 Non-1 Cacrai
Сараску	Capacity	Project #	MPO	Municipalities	Description	District	CMAQ	\$ -	\$	\$ -	
	Capacity	Project #	MPO	Municipalities	Description	District	NHPP	\$ -	\$.	\$ -	
	1	1	1	1	-I	Capacity	subtotal >	\$ -	\$ -	\$ -	■ Funding Split Varies by Funding Source
►Section 3 / Planning	g / Adjustments	s / Pass-throuç	ghs								
► Planning / Adjustme		oughs				-					
	Planning / Adjustments / Pass-throughs	ABPGAN	Statewide	Multiple	ABP GANS Repayment	Multiple	NHPP	\$ 62,596,967	\$ 62,596,96	7 \$ -	

Amendment /	STIP	MassDOT	Metropolitan	Municipality	MassDOT		_	Total	Federal	Non-Federal	
Adjustment Type ▼	Program ▼	Project ID ▼	Planning Organization ▼	Name ▼	Project Description ▼	District ▼	Source ▼	Programmed Funds ▼	Funds ▼	Funds ▼	Additional Information Present information as follows. if applicable: a) Planning / Design / or Construction; b) total project or and funding sources used; c) advance construction status; d) MPO project score; e) name of entity received a transfer, f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information
	Planning / Adjustments / Pass-throughs	ABPGAN	Statewide	Multiple	ABP GANS Repayment	Multiple	STP-BR- OFF	\$ 388,033	\$ 388,033	\$ -	
	Planning / Adjustments / Pass-throughs	EWO	Statewide	Multiple	Award adjustments, change orders, etc.	Multiple	CMAQ	\$ 6,250,000	\$ 5,000,000	\$ 1,250,000	
	Planning / Adjustments / Pass-throughs	EWO	Statewide	Multiple	Award adjustments, change orders, etc.	Multiple	NHPP	\$ 16,250,000	\$ 13,000,000	\$ 3,250,000	
	Planning / Adjustments / Pass-throughs	EWO	Statewide	Multiple	Award adjustments, change orders, etc.	Multiple	STP	\$ 13,750,000	\$ 11,000,000	\$ 2,750,000	
	Planning / Adjustments / Pass-throughs	EWO	Statewide	Multiple	Award adjustments, change orders, etc.	Multiple	STP-BR- OFF	\$ 1,250,000	\$ 1,000,000	\$ 250,000	
	Planning / Adjustments / Pass-throughs	FPIRT	Statewide	Multiple	Flex to Rail & Transit for Freight Plan Implementation	Multiple	NFP	\$ 2,245,873	\$ 1,796,698	\$ 449,175	
MENDMENT:Add roject	Planning / Adjustments / Pass-throughs	SELDM	Statewide	Multiple	Stochastic Empiral Loading and Dilution Model	Multiple	Other FA	\$ 187,500	\$ 150,000	\$ 37,500	Total Project Cost: \$232,500; USGS Contribut \$45,000
	Planning / Adjustments / Pass-throughs	UPWP19	Statewide	Multiple	Metropolitan Planning	Multiple	PL	\$ 9,825,026	\$ 7,860,021	\$ 1,965,005	
	Planning / Adjustments / Pass-throughs	UPWP19	Statewide	Multiple	Metropolitan Planning	Multiple	SPR	\$ 1,012,803	\$ 810,242	\$ 202,561	
	Planning / Adjustments / Pass-throughs	SPR118	Statewide	Multiple	State Planning and Research Work Program I, (SPR I), Planning	Multiple	SPR	\$ 13,033,371	\$ 10,426,697	\$ 2,606,674	
	Planning / Adjustments / Pass-throughs	SPR218	Statewide	Multiple	State Planning and Research Work Program II, (SPR II), Research	Multiple	RD	\$ 4,500,000	\$ 3,600,000	\$ 900,000	
	Planning / Adjustments / Pass-throughs	RRC18	Statewide	Multiple	Railroad Crossings	Multiple	RRHE	\$ 3,333,333	\$ 3,000,000	\$ 333,333	
	Planning / Adjustments / Pass-throughs	RRC18	Statewide	Multiple	Railroad Crossings	Multiple	RRPD	\$ 1,388,889	\$ 1,250,000	\$ 138,889	
	Planning / Adjustments / Pass-throughs	SRT18	Statewide	Multiple	Recreational Trails	Multiple	REC	\$ 3,149,386			
					Other Sta	tewide Items	subtotal >	\$ 139,161,181	\$ 124,398,167	\$ 14,763,014	■ Funding Split Varies by Funding Source Incomplete Incomple
Section 4 / Non-Fe		ojects									
Non-Federally Aid	·				T						T
	Non Federal Aid	Project #	MPO	Municipalities	Description	District	NFA	\$ -		\$ -	
	Non Federal Aid	Project #	MPO	Municipalities	Description	District	NFA	s -		s -	

					n Improvement Pro						
mendment / udjustment 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 of and funding sources used; c) advance construction status; d) MPO project score; e) name of entity rece a transfer; f) name of entity paying the non-state nor federal match; g) earmark details; h) TAP project proponent; i) other information
	Intersection Improvements						HSIP				
	Intersection										
	Improvements Intersection										
	Improvements						HSIP				
	Intersection Improvements						HSIP				
	Intersection Improvements						HSIP				
	Intersection						HSIP				
	Improvements Intersection										
	Improvements						HSIP				
	Intersection Improvements						HSIP				
	Intersection Improvements	608582	Statewide	Multiple	STATEWIDE-VARIOUS SAFETY STRATEGIES TO ADDRESS SHSP - TO BE DETERMINED IN CONSULTATION WITH FHWA IN 2019	Multiple	HSIP	\$ 1,612,203	\$ 1,450,983	\$ 161,220	Construction / Total Project Cost \$4,050,000 Safety Improvements Program and Intersect Improvements Program
	Intersection						HSIP				
	Improvements				Intersection	Improveme	nts subtotal ▶	\$ 2,112,203	\$ 1.850.983	\$ 261,220	■ Funding Split Varies by Funding Source
Intelligent Transpo	rtation Systems	3				•					
DJUSTMENT:Change dditional Information	Intelligent Transportation Systems	606938	Statewide	Multiple	DISTRICTS 4 AND 6 - EXPANSION OF ITS EQUIPMENT (CCTV CAMERAS, TRAFFIC SENSORS, AND VMS) FOR HIGHWAY OPERATIONS	Multiple	NHPP	\$ 5,180,500	\$ 4,144,400	\$ 1,036,100	Construction/ Total Project Cost = \$\$6,707,2 AC Year 2 of 2
	Intelligent Transportation Systems	608141	Statewide	Multiple	STATEWIDE - EXPANSION OF ITS EQUIPMENT (CCTV CAMERAS, TRAFFIC SENSORS, AND VMS) FOR HIGHWAY OPERATIONS	Multiple	NHPP	\$ 7,069,500	\$ 5,655,600	\$ 1,413,900	Construction
	Intelligent Transportation Systems	608838	Statewide	Multiple	STATEWIDE - EXPANSION OF HIGHWAY OPERATIONS CENTER INCIDENT DETECTION SYSTEMS	Multiple	NFP	\$ 1,500,000	\$ 1,200,000	\$ 300,000	Construction
			•		Intelligent Transpo	ortation Syste	em subtotal >	\$ 13,750,000	\$ 11,000,000	\$ 2,750,000	■ 80% Federal + 20% Non-Federal
Roadway Reconstr	uction Roadway					_					1
	Reconstruction						CMAQ				
	Roadway Reconstruction						CMAQ				
	Roadway Reconstruction						CMAQ				
	Roadway Reconstruction						CMAQ				
	Roadway Reconstruction						TAP				
	Roadway Reconstruction						TAP				
	Reconstruction				Poodway	Reconstruct	an aubtotal b	· \$ -	•	\$ -	■ 80% Federal + 20% Non-Federal