



U.S. Department
of Transportation
**Federal Highway
Administration**

Massachusetts Division

June 22, 2017

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Cambridge, MA 02142
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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: Statewide Transportation Improvement Program Amendment #6

Dear Mr. Mohler:

Thank you for your letter dated June 9, 2017. The Federal Highway Administration has reviewed the Fiscal Years 2017-2020 Statewide Transportation Improvement Program amendments and adjustments received from the Massachusetts Department of Transportation.

<u>Action</u>	<u>Organization</u>
0.52-0.64	Adjustments
15.01-15.02	Berkshire Amendments
16.01-16.09	Boston Amendments
17.01-15.05	Cape Cod Amendments
18.01-18.02	Central Mass Amendments
19.01	Franklin Amendments
20.01-20.04	Merrimack Valley Amendments
21.01	Old Colony Amendments
22.01-22.04	Pioneer Valley Amendments
23.01-23.05	Southeastern Mass Amendments

In accordance with §93.104(c)(2), a Transportation Improvement Program amendment requires a new conformity determination for the entire TIP before the amendment is approved by the MPO or accepted by DOT, unless the amendment merely adds or deletes exempt projects as defined in §93.126 or §93.127. Because these amendments affect exempt projects only, we are making the following determinations:

- 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 TIPs are based on a continuing, comprehensive transportation planning process carried out cooperatively by the State, the MPOs, and the transit operators.

The FY 2017-2020 STIP highway actions identified above are hereby approved. Should you have any questions or concerns, please contact me at (617) 494-3275 or Brandon Wilcox at (617) 494-3113.

Sincerely,

A handwritten signature in black ink, appearing to read 'Nelson Hoffman', with a stylized, cursive script.

Nelson Hoffman
Program Development Team Leader

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



Charles D. Baker, Governor
Karyn E. Polito, Lieutenant Governor
Stephanie Pollack, MassDOT Secretary & CEO

massDOT
Massachusetts Department of Transportation

June 9, 2017

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 Berkshire Metropolitan Planning Organization (MPO), Boston Region MPO, Cape Cod MPO, Central Massachusetts MPO, Franklin Transportation Planning Organization (TPO), Merrimack Valley MPO, Old Colony MPO, Pioneer Valley MPO, Southeastern Massachusetts MPO and Statewide projects as advanced by the Massachusetts Department of Transportation (MassDOT) pertaining to the Federal Fiscal Years 2017-2021 State Transportation Improvement Program:

0.52-0.64	Adjustments	
15.01-15.02	Berkshire Amendments	May 23, 2017
16.01-16.09	Boston Amendments	May 18, 2017
17.01-17.05	Cape Cod Amendments	May 22, 2017
18.01-18.02	Central Mass Amendments	May 17, 2017
19.01	Franklin Amendments	April 25, 2017
20.01-20.04	Merrimack Valley Amendments	May 24, 2017
21.01	Old Colony Amendment	May 16, 2017
22.01-22.04	Pioneer Valley Amendments	May 23, 2017
23.01-23.05	Southeastern Mass Amendments	May 16, 2017

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

Sincerely,

David J. Mohler
Executive Director
Office of Transportation Planning

cc: Steve Woelfel, Deputy Executive Director
Trey Wadsworth, Manager of Capital Planning
Bryan K. Pounds, STIP Coordinator
William Betts, FAPRO
Federal Transit Administration

Massachusetts Department of Transportation - State Transportation Improvement Program

Highway Actions Report 2017-2021

PROJECT INFORMATION					CURRENT					REVISED					FINANCIAL CONSTRAINT	
#	MPO	Project ID	Location	Description	Source	Total	Federal	Non - Federal	Year	Source	Total	Federal	Non-Federal	Year	Amendment Description	Date
.52	BOSTON	BN0006	CONCORD	Great Meadows National Wildlife Transportation Project Demo ID: MA 119 Repurposed earmark, formerly Assabet River National Wildlife Refuge, MA, Design and construction of parking areas; Transfer to Eastern Federal Lands	HPP	\$53,328	\$42,662	\$10,666	2017	HPP	\$53,328	\$42,662	\$10,666	2017	ADJUSTMENT::Change Addl Info	06/02/17
.53	BOSTON	BN0007	CONCORD	Great Meadows National Wildlife Transportation Project Demo ID: MA 174 Repurposed earmark, formerly Oxbow National Wildlife Refuge, Design and construction of a Visitor Contact Station; Transfer to Eastern Federal Lands	HPP	\$190,453	\$152,362	\$38,091	2017	HPP	\$190,453	\$152,362	\$38,091	2017	ADJUSTMENT::Change Addl Info	06/02/17
.54	BOSTON	608650	SALEM	SALEM- ADAPTIVE SIGNAL CONTROLS ON ROUTE 107 (HIGHLAND AVENUE) This project was in the STIP as STATEWIDE CMAQ - ADAPTIVE SIGNAL CONTROLS AT VARIOUS INTERSECTIONS (2017); Salem intersection selected as specific location	CMAQ	\$520,000	\$416,000	\$104,000	2017	CMAQ	\$520,000	\$416,000	\$104,000	2017	ADJUSTMENT:Change Project Desc ADJUSTMENT:Change MPO	06/02/17
.55	SE MASS	608049	FALL RIVER	FALL RIVER- CORRIDOR IMPROVEMENTS ON ROUTE 79/DAVOL STREET DEMO ID MA 164 REPURPOSED EARMARK FOR DESIGN	HPP	\$2,253,319	\$1,689,989	\$563,330	2017	HPP	\$2,253,319	\$1,802,655	\$450,664	2017	ADJUSTMENT:Change Funding Src	06/02/17
.56	SE MASS	608049	FALL RIVER	FALL RIVER- CORRIDOR IMPROVEMENTS ON ROUTE 79/DAVOL STREET DEMO ID MA 189 REPURPOSED EARMARK FOR DESIGN	HPP	\$625,922	\$469,442	\$156,481	2017	HPP	\$625,922	\$500,738	\$125,184	2017	ADJUSTMENT:Change Funding Src	06/02/17
.57	STATEWIDE	608732	MULTIPLE	DISTRICT 4- PEDESTRIAN AND BICYCLE FACILITY UPGRADES AT VARIOUS LOCATIONS New Project ID; formerly part of 608540					2017	HSIP	\$331,196	\$298,076	\$33,120	2017	ADJUSTMENT:Add Project	06/02/17
.58	STATEWIDE	607916	MULTIPLE	FALL RIVER TO RANDOLPH- GUIDE & TRAFFIC SIGN REPLACEMENT ON A SECTION OF ROUTE 24 AC Year 1 of 2, Total Project Cost \$8,839,526	HSIP	\$6,690,660	\$6,021,594	\$669,066	2017	HSIP	\$6,614,081	\$5,952,673	\$661,408	2017	ADJUSTMENT:Decrease Cost ADJUSTMENT::Change Addl Info	06/02/17
.59	STATEWIDE	608540	MULTIPLE	DISTRICT 6- PEDESTRIAN AND BICYCLE FACILITY UPGRADES AT VARIOUS LOCATIONS Removed District 4 from Project Description	HSIP	\$750,000	\$675,000	\$75,000	2017	HSIP	\$750,000	\$675,000	\$75,000	2017	ADJUSTMENT:Change Project Desc	06/02/17
.60	STATEWIDE	608559	MULTIPLE	STATEWIDE- VARIOUS SAFETY STRATEGIES TO ADDRESS SHSP -TO BE DETERMINED	HSIP	\$6,809,590	\$6,128,631	\$680,959	2017						ADJUSTMENT:Remove Funding Src	06/02/17
.61	STATEWIDE	608604	MULTIPLE	DISTRICT 4- DISTRICT 6- ITS EQUIPMENT (CCTV CAMERAS AND VMS) INSTALLATION FOR HIGHWAY OPERATIONS AT VARIOUS LOCATIONS	CMAQ	\$6,250,000	\$5,000,000	\$1,250,000	2017	NHPP	\$6,798,899	\$5,439,119	\$1,359,780	2017	ADJUSTMENT:Increase Cost ADJUSTMENT:Change Funding Src ADJUSTMENT:Change Project Desc	06/02/17

Massachusetts Department of Transportation - State Transportation Improvement Program

Highway Actions Report 2017-2021

PROJECT INFORMATION					CURRENT					REVISED					FINANCIAL CONSTRAINT	
#	MPO	Project ID	Location	Description	Source	Total	Federal	Non - Federal	Year	Source	Total	Federal	Non-Federal	Year	Amendment Description	Date
.62	STATEWIDE	608607	MULTIPLE	DISTRICT 3- DISTRICT 5- ITS EQUIPMENT (CCTV CAMERAS AND VMS) INSTALLATION FOR HIGHWAY OPERATIONS AT VARIOUS LOCATIONS AC YR 1 of 2 TFPC \$6,250,000	CMAQ	\$5,126,000	\$4,100,800	\$1,025,200	2017	CMAQ	\$5,126,000	\$4,100,800	\$1,025,200	2017	ADJUSTMENT:Change Project Desc	06/02/17
.63	STATEWIDE	607916	MULTIPLE	FALL RIVER TO RANDOLPH- GUIDE & TRAFFIC SIGN REPLACEMENT ON A SECTION OF ROUTE 24 AC Year 2 of 2, Total Project Cost \$8,839,526					2018	HSIP	\$2,225,045	\$2,002,541	\$222,505	2018	ADJUSTMENT:Add Funding Source	06/02/17
.64	STATEWIDE	608607	MULTIPLE	DISTRICT 3- DISTRICT 5- ITS EQUIPMENT (CCTV CAMERAS AND VMS) INSTALLATION FOR HIGHWAY OPERATIONS AT VARIOUS LOCATIONS AC YR 2 of 2 TFPC \$6,250,000	CMAQ	\$1,124,000	\$899,200	\$224,800	2018	CMAQ	\$1,124,000	\$899,200	\$224,800	2018	ADJUSTMENT:Change Project Desc	06/02/17
15.01	BERKSHIRE	607550	LEE	LEE- SUPERSTRUCTURE REPLACEMENT, L-05-034, CHAPEL STREET OVER GREENWATER BROOK Increase Cost	STP-BR-OFF	\$1,097,531	\$878,025	\$219,506	2017	STP-BR-OFF	\$1,674,089	\$1,339,271	\$334,818	2017	AMENDMENT:Increase Cost	05/23/17
15.02	BERKSHIRE	607254	WILLIAMSTOWN	NORTH ADAMS- WILLIAMSTOWN- MOHAWK BICYCLE/PEDESTRIAN TRAIL Design Funds					2017	CMAQ	\$625,000	\$500,000	\$125,000	2017	AMENDMENT:Add Funding Source	05/23/17
16.01	BOSTON	607309	HINGHAM	HINGHAM- RECONSTRUCTION & RELATED WORK ON DERBY STREET, FROM POND PARK ROAD TO CUSHING STREET HSIP+CMAQ+TAP+SW CMAQ Total Cost = \$6,716,047 Cost increase from \$4,927,769 to \$6,716,047	HSIP	\$985,554	\$886,999	\$98,555	2017	HSIP	\$985,554	\$886,999	\$98,555	2017	AMENDMENT:Change Addl Info	05/18/17
16.02	BOSTON	604810	MARLBOROUGH	MARLBOROUGH- RECONSTRUCTION OF ROUTE 85 (MAPLE STREET) HSIP+CMAQ+STP+SW CMAQ Total Cost = \$5,969,357 Cost increase from \$5,613,636 to \$5,969,357	HSIP	\$3,397,727	\$3,057,954	\$339,773	2017	HSIP	\$2,848,454	\$2,563,609	\$284,845	2017	AMENDMENT:Decrease Cost	05/18/17
16.03	BOSTON	607309	HINGHAM	HINGHAM- RECONSTRUCTION & RELATED WORK ON DERBY STREET, FROM POND PARK ROAD TO CUSHING STREET HSIP+CMAQ+TAP+SW CMAQ Total Cost = \$6,716,047 Cost increase from \$4,927,769 to \$6,716,047	CMAQ	\$3,195,430	\$2,556,344	\$639,086	2017	CMAQ	\$3,195,430	\$2,556,344	\$639,086	2017	AMENDMENT:Change Addl Info	05/18/17
16.04	BOSTON	604810	MARLBOROUGH	MARLBOROUGH- RECONSTRUCTION OF ROUTE 85 (MAPLE STREET) HSIP+CMAQ+STP+SW CMAQ Total Cost = \$5,969,357 Cost increase from \$5,613,636 to \$5,969,357	CMAQ	\$2,000,000	\$1,600,000	\$400,000	2017	CMAQ	\$2,651,263	\$2,121,010	\$530,253	2017	AMENDMENT:Increase Cost	05/18/17

Massachusetts Department of Transportation - State Transportation Improvement Program

Highway Actions Report 2017-2021

PROJECT INFORMATION					CURRENT					REVISED					FINANCIAL CONSTRAINT	
#	MPO	Project ID	Location	Description	Source	Total	Federal	Non - Federal	Year	Source	Total	Federal	Non-Federal	Year	Amendment Description	Date
16.05	BOSTON	607309	HINGHAM	HINGHAM- RECONSTRUCTION & RELATED WORK ON DERBY STREET, FROM POND PARK ROAD TO CUSHING STREET HSIP+CMAQ+TAP+SW CMAQ Total Cost = \$6,716,047 Cost increase from \$4,927,769 to \$6,716,047	TAP	\$746,785	\$597,428	\$149,357	2017	TAP	\$746,785	\$597,428	\$149,357	2017	AMENDMENT:Change Addl Info	05/18/17
16.06	BOSTON	604810	MARLBOROUGH	MARLBOROUGH- RECONSTRUCTION OF ROUTE 85 (MAPLE STREET) HSIP+CMAQ+STP+SW CMAQ Total Cost = \$5,969,357 Cost increase from \$5,613,636 to \$5,969,357	STP	\$215,909	\$172,727	\$43,182	2017	STP	\$113,919	\$91,135	\$22,784	2017	AMENDMENT:Decrease Cost	05/18/17
16.07	BOSTON	604173	BOSTON	BOSTON- BRIDGE REPLACEMENT, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR AC YR 1 of 5, YOE \$144,066,616	NHPP	\$24,237,956	\$19,390,365	\$4,847,591	2017	NHPP	\$6,400,000	\$5,120,000	\$1,280,000	2017	AMENDMENT:Decrease Cost AMENDMENT:Change Project Desc	05/18/17
16.08	BOSTON	607954	DANVERS	DANVERS- BRIDGE REPLACEMENT, D-03-018, ST 128 OVER WATERS RIVER Cost increase from \$8,625,000 to \$20,074,634	NHPP	\$8,625,000	\$6,900,000	\$1,725,000	2017	NHPP	\$20,074,634	\$16,059,707	\$4,014,927	2017	AMENDMENT:Increase Cost	05/18/17
16.09	BOSTON	602165	STONEHAM	STONEHAM- SIGNAL & INTERSECTION IMPROVEMENTS AT ROUTE 28/NORTH STREET Cost increase from \$1,473,607 to \$2,785,102	CMAQ	\$1,473,607	\$1,178,885	\$294,721	2017	CMAQ	\$2,785,102	\$2,228,082	\$557,020	2017	AMENDMENT:Increase Cost	05/18/17
16.10	BOSTON	608806	MULTIPLE	WATERTOWN-CAMBRIDGE- MULTI-USE PATH CONSTRUCTION (PHASE II) This PRC-approved project is being added to Statewide CMAQ Program					2017	CMAQ	\$3,595,285	\$2,876,228	\$719,057	2017	AMENDMENT:Add Project	05/18/17
16.11	BOSTON	607309	HINGHAM	HINGHAM- RECONSTRUCTION & RELATED WORK ON DERBY STREET, FROM POND PARK ROAD TO CUSHING STREET HSIP+CMAQ+TAP+SW CMAQ Total Cost = \$6,716,047 Cost increase from \$4,927,769 to \$6,716,047					2017	CMAQ	\$1,788,278	\$1,430,622	\$357,656	2017	AMENDMENT:Add Funding Source	05/18/17
16.12	BOSTON	604810	MARLBOROUGH	MARLBOROUGH- RECONSTRUCTION OF ROUTE 85 (MAPLE STREET) HSIP+CMAQ+STP+SW CMAQ Total Cost = \$6,425,000 Cost increase from \$5,613,636 to \$5,969,357					2017	CMAQ	\$355,721	\$284,577	\$71,144	2017	AMENDMENT:Add Funding Source	05/18/17
16.13	BOSTON	608458	REVERE	REVERE- GUIDE AND TRAFFIC SIGN REPLACEMENT ON ROUTE 1A Replaces project 608559, which was in the STIP as Various Safety Strategies to Address SHSP - To Be Determined					2017	HSIP	\$1,612,477	\$1,451,229	\$161,248	2017	AMENDMENT:Add Project	05/18/17
16.14	BOSTON	608004	WATERTOWN	WATERTOWN- IMPROVEMENTS AT HOSMER ELEMENTARY SCHOOL (SRTS) Cost increase from \$868,750 to \$1,701,393	TAP	\$868,750	\$695,000	\$173,750	2017	TAP	\$1,701,393	\$1,361,114	\$340,279	2017	AMENDMENT:Increase Cost	05/18/17

Massachusetts Department of Transportation - State Transportation Improvement Program

Highway Actions Report 2017-2021

PROJECT INFORMATION					CURRENT					REVISED					FINANCIAL CONSTRAINT	
#	MPO	Project ID	Location	Description	Source	Total	Federal	Non - Federal	Year	Source	Total	Federal	Non-Federal	Year	Amendment Description	Date
16.15	BOSTON	608217	MULTIPLE	MARLBOROUGH-SUDBURY- STORMWATER IMPROVEMENTS ALONG ROUTE 20					2017	STP-TE	\$150,958	\$120,766	\$30,192	2017	AMENDMENT:Add Project	05/18/17
16.16	BOSTON	604173	BOSTON	BOSTON- BRIDGE REPLACEMENT B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR AC YR 2 of 5, YOE \$144,066,616	NHPP	\$24,900,000	\$19,920,000	\$4,980,000	2018	NHPP	\$42,000,000	\$33,600,000	\$8,400,000	2018	AMENDMENT:Increase Cost AMENDMENT:Change Project Desc	05/18/17
16.17	BOSTON	604173	BOSTON	BOSTON- BRIDGE REPLACEMENT B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR AC YR 3 of 5, YOE \$144,066,616	NHPP	\$24,900,000	\$19,920,000	\$4,980,000	2019	NHPP	\$42,000,000	\$33,600,000	\$8,400,000	2019	AMENDMENT:Increase Cost AMENDMENT:Change Project Desc	05/18/17
16.18	BOSTON	604173	BOSTON	BOSTON- BRIDGE REPLACEMENT, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR AC YR 4 of 5, YOE \$144,066,616	NHPP	\$24,900,000	\$19,920,000	\$4,980,000	2020	NHPP	\$35,000,000	\$28,000,000	\$7,000,000	2020	AMENDMENT:Increase Cost AMENDMENT:Change Project Desc	05/18/17
16.19	BOSTON	604173	BOSTON	BOSTON- BRIDGE REPLACEMENT, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR AC YR 5 of 5, YOE \$144,066,616	NHPP	\$13,462,044	\$10,769,635	\$2,692,409	2021	NHPP	\$18,666,616	\$14,933,293	\$3,733,323	2021	AMENDMENT:Increase Cost AMENDMENT:Change Project Desc	05/18/17
17.01	CAPECOD	606707	DENNIS	DENNIS- CORRIDOR AND STREETScape IMPROVEMENTS ON MAIN STREET (ROUTE 28) FROM DENNIS COMMONS DRIVE TO UPPER COUNTY ROAD. Total programmed = \$7,016,265 = \$458,514 HSIP + \$647,393 CMAQ \$193,036 TAP + \$4,298,069 STP + \$1,419,253 Statewide STP. CMAQ analysis completed. RSA completed. Municipality is proponent. Score = 79.	HSIP	\$458,514	\$412,663	\$45,851	2017	HSIP	\$458,514	\$412,663	\$45,851	2017	AMENDMENT:Change Addl Info	05/22/17
17.02	CAPECOD	606707	DENNIS	DENNIS- CORRIDOR AND STREETScape IMPROVEMENTS ON MAIN STREET (ROUTE 28) FROM DENNIS COMMONS DRIVE TO UPPER COUNTY ROAD. Total programmed = \$7,016,265 = \$458,514 HSIP + \$647,393 CMAQ \$193,036 TAP + \$4,298,069 STP + \$1,419,253 Statewide STP. CMAQ analysis completed. RSA completed. Municipality is proponent. Score = 79.	CMAQ	\$647,393	\$517,914	\$129,479	2017	CMAQ	\$647,393	\$517,914	\$129,479	2017	AMENDMENT:Change Addl Info	05/22/17
17.03	CAPECOD	606707	DENNIS	DENNIS- CORRIDOR AND STREETScape IMPROVEMENTS ON MAIN STREET (ROUTE 28) FROM DENNIS COMMONS DRIVE TO UPPER COUNTY ROAD. Total programmed = \$7,016,265 = \$458,514 HSIP + \$647,393 CMAQ \$193,036 TAP + \$4,298,069 STP + \$1,419,253 Statewide STP. CMAQ analysis completed. RSA completed. Municipality is proponent. Score = 79.	TAP	\$193,036	\$154,429	\$38,607	2017	TAP	\$193,036	\$154,429	\$38,607	2017	AMENDMENT:Change Addl Info	05/22/17

Massachusetts Department of Transportation - State Transportation Improvement Program

Highway Actions Report 2017-2021

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#	MPO	Project ID	Location	Description	Source	Total	Federal	Non - Federal	Year	Source	Total	Federal	Non-Federal	Year	Amendment Description	Date
17.04	CAPECOD	606707	DENNIS	DENNIS- CORRIDOR AND STREETSCAPE IMPROVEMENTS ON MAIN STREET (ROUTE 28) FROM DENNIS COMMONS DRIVE TO UPPER COUNTY ROAD. Total programmed = \$7,016,265 = \$458,514 HSIP + \$647,393 CMAQ \$193,036 TAP + \$4,298,069 STP + \$1,419,253 Statewide STP. CMAQ analysis completed. RSA completed. Municipality is proponent. Score = 79.	STP	\$4,298,069	\$3,438,455	\$859,614	2017	STP	\$4,298,069	\$3,438,455	\$859,614	2017	AMENDMENT:Change Addl Info	05/22/17
17.05	CAPECOD	606707	DENNIS	DENNIS- CORRIDOR AND STREETSCAPE IMPROVEMENTS ON MAIN STREET (ROUTE 28) FROM DENNIS COMMONS DRIVE TO UPPER COUNTY ROAD. Total programmed = \$7,016,265 = \$458,514 HSIP + \$647,393 CMAQ \$193,036 TAP + \$4,298,069 STP + \$1,419,253 Statewide STP. CMAQ analysis completed. RSA completed. Municipality is proponent. Score = 79.					2017	STP	\$1,419,253	\$1,135,402	\$283,851	2017	AMENDMENT:Add Funding Source	05/22/17
18.01	CENTRAL MA	606434	WORCESTER	WORCESTER - CENTRAL BUSINESS DISTRICT STREETSCAPE IMPROVEMENTS Construction / HPP#4266 - MA185 / Design Status = 25% / HPP + SW Infrastructure Total Project Cost = \$9,499,061 / Added \$2,522,046 to SW STP funding	HPP	\$5,125,000	\$4,100,000	\$1,025,000	2017	HPP	\$5,125,000	\$4,100,000	\$1,025,000	2017	AMENDMENT:Change Addl Info	05/17/17
18.02	CENTRAL MA	606434	WORCESTER	WORCESTER - CENTRAL BUSINESS DISTRICT STREETSCAPE IMPROVEMENTS Construction / HPP#4266 - MA185 / Design Status = 25% / HPP + SW Infrastructure Total Project Cost = \$9,499,061 / Added \$2,522,046 to SW STP funding	STP	\$1,852,015	\$1,481,612	\$370,403	2017	STP	\$4,374,061	\$3,499,249	\$874,812	2017	AMENDMENT:Increase Cost AMENDMENT:Change Addl Info	05/17/17
19.01	FRANKLIN	607182	MULTIPLE	DEERFIELD- BERNARDSTON- GREENFIELD- INTERSTATE MAINTENANCE & RELATED WORK ON ROUTE I-91 Construction Phase. Design Status = PS&E. Moving project from FFY2019 to FFY2017	NHPP	\$17,868,768	\$16,081,892	\$1,786,877	2019	NHPP	\$16,545,156	\$16,081,892	\$1,786,877	2017	AMENDMENT:Move Project	04/25/17
20.01	MERRIMACK	605306	HAVERHILL	HAVERHILL- SUPERSTRUCTURE REPLACEMENT, H-12-039, I-495 (NB & SB) OVER MERRIMACK RIVER AC Yr 1 of 3; \$12,000,000 = sum of year 1. Total Cost = \$50,772,179. (Construction) (M)	NHPP	\$12,000,000	\$9,600,000	\$2,400,000	2017						AMENDMENT:Remove Project	05/24/17
20.02	MERRIMACK	608187	MULTIPLE	HAVERHILL- MERRIMACK- AMESBURY- TRAFFIC & GUIDE SIGN REPLACEMENT ON A SECTION OF I-495 April 2017 Draft Amendment #2 to move project from FY 2019 to FY 2017 and change Total Project Cost from \$4,807,449 to \$4,451,342 (Construction) (M)	HSIP	\$4,807,449	\$4,326,704	\$480,745	2019	HSIP	\$4,451,342	\$4,006,208	\$445,134	2017	AMENDMENT:Move Project	05/24/17

Massachusetts Department of Transportation - State Transportation Improvement Program

Highway Actions Report 2017-2021

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#	MPO	Project ID	Location	Description	Source	Total	Federal	Non - Federal	Year	Source	Total	Federal	Non-Federal	Year	Amendment Description	Date
20.03	MERRIMACK	605306	HAVERHILL	HAVERHILL- SUPERSTRUCTURE REPLACEMENT, H-12-039, I-495 (NB & SB) OVER MERRIMACK RIVER AC Yr 2 of 3; \$23,000,000 = sum of year 2. Total Cost = \$50,772,179. (Construction) (M)	NHPP	\$23,000,000	\$18,400,000	\$4,600,000	2018						AMENDMENT:Remove Project	05/24/17
20.04	MERRIMACK	605306	HAVERHILL	HAVERHILL- SUPERSTRUCTURE REPLACEMENT, H-12-039, I-495 (NB & SB) OVER MERRIMACK RIVER AC Yr 3 of 3; \$15,772,179 = sum of year 3. Total Cost = \$50,772,179. (Construction) (M)	NHPP	\$15,772,179	\$12,617,743	\$3,154,436	2019						AMENDMENT:Remove Project	05/24/17
21.01	OLD COLONY	608134	BROCKTON	BROCKTON- STORMWATER IMPROVEMENTS ALONG ROUTE 28 75% Design. Phase is Construction.	STP-TE	\$101,936	\$81,548	\$20,387	2017						AMENDMENT:Remove Project	05/16/17
22.01	PIONEER	604033	SOUTHWICK	SOUTHWICK- RECONSTRUCTION CONGAMOND ROAD (ROUTE 168), FROM COLLEGE HIGHWAY & ENDS 250 FEET SHORT OF STATE LINE (1.2 MILES) 49.5 TEC Score 25% (YOE \$7,227,498) STP Cost Increase from \$7,172,979	STP	\$7,172,979	\$5,738,383	\$1,434,596	2017	STP	\$7,227,498	\$5,781,998	\$1,445,500	2017	AMENDMENT:Increase Cost	05/23/17
22.02	PIONEER	605384	AGAWAM	AGAWAM- WEST SPRINGFIELD- BRIDGE REPLACEMENT, A-05-002=W-21-014, ROUTE 147 OVER THE WESTFIELD RIVER & INTERSECTION & SIGNAL IMPROVEMENTS @ 3 LOCATIONS Increase cost from \$23,173,893 to \$29,247,251 and split between on system bridge = \$19,721,716 and Statewide Infrastructure Program = \$9,525,535	NHPP	\$23,173,893	\$18,539,114	\$4,634,779	2017	NHPP	\$19,721,716	\$15,777,373	\$3,944,343	2017	AMENDMENT:Decrease Cost	05/23/17
22.03	PIONEER	607528	AMHERST	AMHERST- BRIDGE REPLACEMENT, A-08-008, MILL STREET OVER MILL RIVER Increase cost from \$2,075,400	STP-BR-OFF	\$2,075,400	\$1,660,320	\$415,080	2017	STP-BR-OFF	\$3,028,770	\$2,423,016	\$605,754	2017	AMENDMENT:Increase Cost	05/23/17
22.04	PIONEER	605384	MULTIPLE	AGAWAM- WEST SPRINGFIELD- BRIDGE REPLACEMENT, A-05-002=W-21-014, ROUTE 147 OVER THE WESTFIELD RIVER & INTERSECTION & SIGNAL IMPROVEMENTS @ 3 LOCATIONS Increase cost from \$23,173,893 to \$29,247,251 and split between on system bridge = \$19,721,716 and Statewide Infrastructure Program = \$9,525,535					2017	STP	\$9,525,535	\$7,620,428	\$1,905,107	2017	AMENDMENT:Add Funding Source	05/23/17
23.01	SE MASS	608081	WESTPORT	WESTPORT - RESURFACING AND RELATED WORK ALONG ROUTE 88 FROM MILE MARKER 0.0 (BEGINNING OF STATE HIGHWAY) NORTHERLY TO MILE MARKER 1.2, JUST NORTH OF DRIFT ROAD STP (\$6,826,133) / CMAQ (\$1,809,121) Total Cost = \$8,635,254 ; Construction; EC Score 15 of 87; Status Pre 25%					2017	CMAQ	\$1,809,121	\$1,447,297	\$361,824	2017	AMENDMENT:Add Funding Source	05/16/17

Massachusetts Department of Transportation - State Transportation Improvement Program

Highway Actions Report 2017-2021

PROJECT INFORMATION					CURRENT					REVISED					FINANCIAL CONSTRAINT	
#	MPO	Project ID	Location	Description	Source	Total	Federal	Non - Federal	Year	Source	Total	Federal	Non-Federal	Year	Amendment Description	Date
23.02 SE MASS		608081	WESTPORT	WESTPORT - RESURFACING AND RELATED WORK ALONG ROUTE 88 FROM MILE MARKER 0.0 (BEGINNING OF STATE HIGHWAY) NORTHERLY TO MILE MARKER 1.2, JUST NORTH OF DRIFT ROAD STP (\$6,826,133) / CMAQ (\$1,809,121) Total Cost = \$8,635,254 ; Construction; EC Score 15 of 87; Status Pre 25%	STP	\$5,040,000	\$4,032,000	\$1,008,000	2017	STP	\$6,826,133	\$5,460,906	\$1,365,227	2017	AMENDMENT:Increase Cost	05/16/17
23.03 SE MASS		608751	MANSFIELD	MANSFIELD- I-495/ROUTE 140 AND ROUTE 140/SCHOOL STREET TRAFFIC SIGNAL SYSTEM AND PAVEMENT MARKING UPGRADES					2017	STP	\$500,000	\$400,000	\$100,000	2017	AMENDMENT:Add Project	05/16/17
23.04 SE MASS		602564	MULTIPLE	CARVER- MIDDLEBOROUGH- BRIDGE REPLACEMENT, C-04-004=M-18-025, ROCHESTER ROAD OVER WEWEANTIC RIVER	STP-BR-OFF	\$652,000	\$521,600	\$130,400	2017	STP-BR-OFF	\$3,599,962	\$2,879,970	\$719,992	2017	AMENDMENT:Increase Cost	05/16/17
23.05 SE MASS		608740	WESTPORT	WESTPORT - GUARD RAIL INSTALLATION ON I-195					2017	HSIP	\$500,000	\$450,000	\$50,000	2017	AMENDMENT:Add Project	05/16/17

**2017-2021 MassDOT Statewide Transportation Improvement Program
Fiscal Constraint Analysis Summary
Action #006**

MAJOR PROGRAM		CURRENT			REVISED			NET CHANGE		
		Total	Federal	Non-Federal	Total	Federal	Non-Federal	Total	Federal	Non-Federal
2017	CONGESTION MITIGATION AND AIR QUALITY	\$ 19,212,430	\$ 15,369,943	\$ 3,842,486	\$ 17,972,593	\$ 14,378,074	\$ 3,594,519	\$ (1,239,837)	\$ (991,869)	\$ (247,967)
	HWY SAFETY IMPROVEMENT PGM.	\$ 19,092,045	\$ 17,182,841	\$ 1,909,204	\$ 18,551,618	\$ 16,696,457	\$ 1,855,161	\$ (540,427)	\$ (486,384)	\$ (54,043)
	NATIONAL HIGHWAY PERFORMANCE	\$ 68,036,849	\$ 54,429,479	\$ 13,607,370	\$ 74,666,405	\$ 61,387,639	\$ 13,278,766	\$ 6,629,556	\$ 6,958,160	\$ (328,604)
	SURFACE TRANSPORTATION PROGRAM	\$ 18,578,972	\$ 14,863,177	\$ 3,715,795	\$ 34,284,468	\$ 27,427,573	\$ 6,856,895	\$ 15,705,496	\$ 12,564,396	\$ 3,141,100
	BRIDGE-OFF SYSTEM	\$ 3,824,931	\$ 3,059,945	\$ 764,986	\$ 8,302,821	\$ 6,642,257	\$ 1,660,564	\$ 4,477,890	\$ 3,582,312	\$ 895,578
	STP-ENHANCEMENT	\$ 101,936	\$ 81,548	\$ 20,387	\$ 150,958	\$ 120,766	\$ 30,192	\$ 49,022	\$ 39,218	\$ 9,805
	TRANSPORTATION ALTERNATIVES PROGRAM	\$ 1,808,571	\$ 1,446,857	\$ 361,714	\$ 2,641,214	\$ 2,112,971	\$ 528,243	\$ 832,643	\$ 666,114	\$ 166,529
	Exempt	\$ 8,248,022	\$ 6,454,455	\$ 1,793,568	\$ 8,248,022	\$ 6,598,417	\$ 1,649,605	OA Change	\$ 22,331,948	
								Exempt Change	\$ 143,962	
								2017 Net Change	\$ 22,475,910	
2018	CONGESTION MITIGATION AND AIR QUALITY	\$ 1,124,000	\$ 899,200	\$ 224,800	\$ -	\$ -	\$ -	\$ (1,124,000)	\$ (899,200)	\$ (224,800)
	HWY SAFETY IMPROVEMENT PGM.	\$ -	\$ -	\$ -	\$ 2,225,045	\$ 2,002,541	\$ 222,505	\$ 2,225,045	\$ 2,002,541	\$ 222,505
	NATIONAL HIGHWAY PERFORMANCE	\$ 47,900,000	\$ 38,320,000	\$ 9,580,000	\$ 43,124,000	\$ 34,499,200	\$ 8,624,800	\$ (4,776,000)	\$ (3,820,800)	\$ (955,200)
	Exempt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	OA Change	\$ (2,717,459)	
								Exempt Change	\$ -	
								2018 Net Change	\$ (2,717,459)	
2019	HWY SAFETY IMPROVEMENT PGM.	\$ 4,807,449	\$ 4,326,704	\$ 480,745	\$ -	\$ -	\$ -	\$ (4,807,449)	\$ (4,326,704)	\$ (480,745)
	NATIONAL HIGHWAY PERFORMANCE	\$ 58,540,947	\$ 48,619,635	\$ 9,921,313	\$ 42,000,000	\$ 33,600,000	\$ 8,400,000	\$ (16,540,947)	\$ (15,019,635)	\$ (1,521,313)
	Exempt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	OA Change	\$ (19,346,339)	
								Exempt Change	\$ -	
								2019 Net Change	\$ (19,346,339)	
2020	NATIONAL HIGHWAY PERFORMANCE	\$ 24,900,000	\$ 19,920,000	\$ 4,980,000	\$ 35,000,000	\$ 28,000,000	\$ 7,000,000	\$ 10,100,000	\$ 8,080,000	\$ 2,020,000
	Exempt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	OA Change	\$ 8,080,000	
								Exempt Change	\$ -	
								2020 Net Change	\$ 8,080,000	
2021	NATIONAL HIGHWAY PERFORMANCE	\$ 13,462,044	\$ 10,769,635	\$ 2,692,409	\$ 18,666,616	\$ 14,933,293	\$ 3,733,323	\$ 5,204,572	\$ 4,163,658	\$ 1,040,914
	Exempt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	OA Change	\$ 4,163,658	
								Exempt Change	\$ -	
								2021 Net Change	\$ 4,163,658	

Federal Fiscal Year 2017							STIP 2017-2021, Rev006
FUNDING CATEGORY	I ANTICIPATED NET APPORTIONMENTS OF FEDERAL FUNDS	II ACTUAL CARRYOVER BALANCE	III ANTICIPATED TRANSFER OF FUNDS	IV TOTAL FUNDS AVAILABLE (10/1) SUBJECT TO OBLIGATION AUTHORITY	V PROGRAMMED OBLIGATIONS	VI ESTIMATED BALANCE REMAINING	NET CHANGE IN PROGRAMMED OBLIGATIONS
NATIONAL HIGHWAY PERFORMANCE	\$315,711,449	\$606,986	\$25,000,000	\$341,318,435	\$302,306,404	\$39,012,031	\$6,958,161
NATIONAL HIGHWAY FREIGHT PROGRAM	\$16,363,452	\$8,718,352	(\$8,181,726)	\$16,900,078	\$0	\$16,900,078	\$0
STP FLEX	\$46,919,389	\$20,469,528	\$0	\$67,388,917	\$55,850,012	\$11,538,905	\$0
BRIDGE-OFF SYSTEM	\$28,456,838	\$64,540,404		\$92,997,242	\$26,133,402	\$66,863,840	\$3,582,312
STP NON-FLEX	\$78,782,104	\$20,723,661		\$99,505,765	\$83,795,145	\$15,710,620	\$12,564,397
	\$49,183,959	\$1,246,923		\$50,430,882	\$49,479,267	\$951,615	\$0
-BOSTON URBAN AREA	\$2,968,273	\$4,612,267		\$7,580,540	\$7,580,539	\$1	\$0
-BARNSTABLE URBAN AREA	\$6,396,163	\$21,725		\$6,417,888	\$6,417,887	\$1	\$0
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$5,457,618	\$2,840,760		\$8,298,378	\$8,298,377	\$1	\$0
-WORCESTER URBAN AREA	\$3,131,682	\$11,627,318		\$14,759,000	\$0	\$14,759,000	\$0
-PROVIDENCE, PAWTUCKET	\$11,644,409	\$374,668		\$12,019,077	\$12,019,076	\$1	\$0
STP ENHANCEMENT (METRO & SMALL URBAN)	\$0	\$13,070,454	\$0	\$13,070,454	\$9,119,039	\$3,951,416	\$39,218
SAFE ROUTES TO SCHOOLS PGM.	\$0	\$485,423		\$485,423	\$0	\$485,423	\$0
RECREATIONAL TRAILS	\$1,186,729	\$3,524,586		\$4,711,315	\$1,186,729	\$3,524,586	\$0
TAP FLEX	\$5,376,538	\$11,760,235	\$0	\$17,136,773	\$1,471,573	\$15,665,200	\$0
TAP NON-FLEX	\$5,376,538	\$5,269,657		\$10,646,195	\$6,905,627	\$3,740,568	\$666,114
	\$3,356,593	\$1,690,539		\$5,047,132	\$5,047,131	\$1	\$0
-BOSTON URBAN AREA	\$202,572	\$456,313		\$658,885	\$154,429	\$504,456	\$0
-BARNSTABLE URBAN AREA	\$436,510	\$480,182		\$916,692	\$916,691	\$1	\$0
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$372,459	\$445,822		\$818,281	\$787,376	\$30,905	\$0
-WORCESTER URBAN AREA	\$213,724	\$838,442		\$1,052,166	\$0	\$1,052,166	\$0
-PROVIDENCE, PAWTUCKET	\$794,680	\$1,358,359		\$2,153,039	\$0	\$2,153,039	\$0
HWY SAFETY IMPROVEMENT PGM (METRO & SMALL URBAN)	\$30,927,291	\$6,305,186	\$1,000,000	\$38,232,477	\$33,559,780	\$4,672,697	(\$486,384)
HSIP - High Risk Rural	\$2,273,676	\$0		\$2,273,676	\$998,116	\$1,275,560	\$0
RLWY/HWY CROSSINGS- HAZARD ELIMINATION	\$1,256,519	\$6,339,659	\$0	\$7,596,178	\$3,555,555	\$4,040,623	\$0
RLWY/HWY CROSSINGS- PROTECTIVE DEVICES	\$1,256,520	\$3,014,269	\$0	\$4,270,789	\$3,555,555	\$715,234	\$0
CMAQ	\$62,876,781	\$11,269,284	(\$17,818,274)	\$56,327,791	\$42,664,378	\$13,663,413	(\$991,869)
PLANNING	\$21,337,030	\$49,213,101		\$70,550,131	\$23,664,248	\$46,885,883	\$0
OTHER ALLOCATED FUNDS	\$0	\$3,185,125		\$3,185,125	\$0	\$3,185,125	\$0
FEDERAL AID SUB-TOTAL:	\$618,100,854	\$228,495,910	\$0	\$846,596,764	\$594,765,564	\$251,831,201	\$22,331,950
Estimated Obligation Authority					\$635,000,000		
HIGH PRIORITY PROJECTS		\$0		\$137,711,294	\$25,673,757	\$112,037,537	\$143,962
FERRY BOAT DESC		\$0		\$0	\$0	\$0	\$0
SECTION 115 PROJECTS		\$0		\$778,520	\$0	\$778,520	\$0
SECTION 117 PROJECTS		\$230,852		\$230,852	\$0	\$230,852	\$0
SECTION 125 PROJECTS		\$3,803,009		\$3,803,009	\$0	\$3,803,009	\$0
MISCELLANEOUS / OTHER / UNDETERMINED	\$8,641,577	\$3,305,185	\$0	\$11,946,762	\$460,000	\$11,486,762	\$0
FEDERAL AID TOTAL >	\$626,742,431	\$235,834,956	\$0	\$1,001,067,200	\$620,899,321	\$380,167,880	\$22,475,913
STATE MATCH FOR FEDERAL AID					\$128,520,547		
NON-FEDERAL AID + FEDERAL AID TOTAL >					\$749,419,868		
NOTES: MISCELLANEOUS / OTHER / UNDETERMINED Apportionment Includes estimated NHPP Exempt.							

Federal Fiscal Year 2018							STIP 2017-2021, 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	\$323,591,783	\$39,012,031	(\$17,000,000)	\$345,603,813	\$285,317,742	\$60,286,072	(\$3,820,800)
NATIONAL HIGHWAY FREIGHT PROGRAM	\$17,966,977	\$16,900,078	\$0	\$34,867,055	\$0	\$34,867,055	\$0
STP FLEX	\$45,021,017	\$11,538,905	(\$9,000,000)	\$47,559,922	\$46,791,281	\$768,641	\$0
BRIDGE-OFF SYSTEM	\$28,456,838	\$66,863,840		\$95,320,678	\$20,425,518	\$74,895,160	\$0
STP NON-FLEX	\$82,398,579	\$15,710,620		\$98,109,199	\$77,951,389	\$20,157,810	\$0
	\$51,576,544	\$951,615		\$52,528,159	\$52,446,566	\$81,593	\$0
-BOSTON URBAN AREA	\$2,989,071	\$1		\$2,989,072	\$2,989,071	\$1	\$0
-BARNSTABLE URBAN AREA	\$6,707,308	\$1		\$6,707,309	\$6,707,308	\$1	\$0
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$5,723,108	\$1		\$5,723,109	\$3,689,920	\$2,033,189	\$0
-WORCESTER URBAN AREA	\$3,284,024	\$14,759,000		\$18,043,024	\$0	\$18,043,024	\$0
-PROVIDENCE, PAWTUCKET	\$12,118,524	\$1		\$12,118,525	\$12,118,524	\$1	\$0
STP ENHANCEMENT (RURAL & SMALL URBAN)	\$0	\$3,951,416	\$0	\$3,951,416	\$5,992,762	(\$2,041,346)	\$0
SAFE ROUTES TO SCHOOLS PGM.	\$0	\$485,423		\$485,423	\$0	\$485,423	\$0
RECREATIONAL TRAILS	\$1,186,729	\$3,524,586		\$4,711,315	\$1,186,729	\$3,524,586	\$0
TAP FLEX	\$4,440,861	\$15,665,200	\$0	\$20,106,061	\$5,629,006	\$14,477,055	\$0
TAP NON-FLEX	\$5,376,538	\$3,740,568		\$9,117,106	\$3,956,839	\$5,160,267	\$0
	\$3,356,593	\$1		\$3,356,594	\$3,356,593	\$1	\$0
-BOSTON URBAN AREA	\$202,572	\$504,456		\$707,028	\$168,246	\$538,782	\$0
-BARNSTABLE URBAN AREA	\$436,510	\$1		\$436,511	\$432,000	\$4,511	\$0
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$372,459	\$30,905		\$403,364	\$0	\$403,364	\$0
-WORCESTER URBAN AREA	\$213,724	\$1,052,166		\$1,265,890	\$0	\$1,265,890	\$0
-PROVIDENCE, PAWTUCKET	\$794,680	\$2,153,039		\$2,947,719	\$0	\$2,947,719	\$0
HWY SAFETY IMPROVEMENT (RURAL & SMALL URBAN)	\$30,384,042	\$4,672,697	\$9,000,000	\$44,056,739	\$41,448,814	\$2,607,925	\$2,002,541
HSIP - High Risk Rural	\$2,273,676	\$1,275,560		\$3,549,236	\$0	\$3,549,236	\$0
RLWY/HWY CROSSINGS- HAZARD ELIMINATION	\$1,291,548	\$4,040,623	\$0	\$5,332,171	\$3,022,222	\$2,309,949	\$0
RLWY/HWY CROSSINGS- PROTECTIVE DEVICES	\$1,291,548	\$715,234	\$0	\$2,006,782	\$1,244,445	\$762,337	\$0
CMAQ	\$64,488,462	\$13,663,413	\$17,000,000	\$95,151,875	\$83,029,685	\$12,122,190	(\$899,200)
PLANNING	\$21,691,258	\$46,885,883		\$68,577,141	\$22,696,960	\$45,880,181	\$0
OTHER ALLOCATED FUNDS	\$344,611	\$3,185,125		\$3,529,736	\$0	\$3,529,736	\$0
FEDERAL AID SUB-TOTAL:	\$630,204,467	\$251,831,201	\$0	\$882,035,668	\$598,693,391	\$283,342,277	(\$2,717,460)

Estimated Obligation Authority	\$648,180,000
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HIGH PRIORITY PROJECTS	\$0	\$112,037,537		\$112,037,537	\$9,376,325	\$102,661,212	\$0
FERRY BOAT DESC	\$0	\$0		\$0	\$0	\$0	\$0
SECTION 115 PROJECTS	\$0	\$778,520		\$778,520	\$360,000	\$418,520	\$0
SECTION 117 PROJECTS	\$0	\$230,852		\$230,852	\$0	\$230,852	\$0
SECTION 125 PROJECTS	\$0	\$3,803,009		\$3,803,009	\$0	\$3,803,009	\$0
MISCELLANEOUS / OTHER / UNDETERMINED	\$9,731,015	\$11,486,762	\$0	\$21,217,777	\$0	\$21,217,777	\$0
FEDERAL AID TOTAL >	\$639,935,482	\$380,167,880	\$0	\$1,020,103,362	\$608,429,716	\$411,673,646	(\$2,717,460)

STATE MATCH FOR FEDERAL AID					\$126,899,755	
NON-FEDERAL AID + FEDERAL AID TOTAL >					\$735,329,472	

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

Federal Fiscal Year 2019							STIP 2017-2021, Rev006
FUNDING CATEGORY	I ANTICIPATED NET APPORTIONMENTS OF FEDERAL FUNDS	II ESTIMATED CARRYOVER BALANCE	III ANTICIPATED TRANSFER OF FUNDS	IV TOTAL FUNDS AVAILABLE (10/1) SUBJECT TO OBLIGATION AUTHORITY	V PROGRAMMED OBLIGATIONS	VI ESTIMATED BALANCE REMAINING	NET CHANGE IN PROGRAMMED OBLIGATIONS
NATIONAL HIGHWAY PERFORMANCE	\$330,306,180	\$60,286,072	(\$16,000,000)	\$374,592,252	\$284,109,681	\$90,482,571	(\$15,019,635)
NATIONAL HIGHWAY FREIGHT PROGRAM	\$20,212,849	\$34,867,055	(\$8,500,000)	\$46,579,904	\$0	\$46,579,904	\$0
STP FLEX	\$44,721,866	\$768,641	\$6,500,000	\$51,990,507	\$48,981,139	\$3,009,368	\$0
BRIDGE-OFF SYSTEM	\$28,456,838	\$74,895,160		\$103,351,998	\$18,959,173	\$84,392,825	\$0
STP NON-FLEX	\$85,696,985	\$20,157,810		\$105,854,795	\$80,786,919	\$25,067,876	\$0
	\$53,560,807	\$81,593		\$53,642,400	\$53,560,807	\$81,593	\$0
-BOSTON URBAN AREA	\$3,232,418	\$1		\$3,232,419	\$3,232,418	\$1	\$0
-BARNSTABLE URBAN AREA	\$6,965,353	\$1		\$6,965,354	\$6,965,353	\$1	\$0
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$5,943,288	\$2,033,189		\$7,976,477	\$4,443,590	\$3,532,887	\$0
-WORCESTER URBAN AREA	\$3,410,368	\$18,043,024		\$21,453,392	\$0	\$21,453,392	\$0
-PROVIDENCE, PAWTUCKET	\$12,584,751	\$1		\$12,584,752	\$12,584,751	\$1	\$0
STP ENHANCEMENT (RURAL & SMALL URBAN)	\$0	(\$2,041,346)	\$0	(\$2,041,346)	\$3,401,376	(\$5,442,722)	\$0
SAFE ROUTES TO SCHOOLS PGM.	\$0	\$485,423		\$485,423	\$0	\$485,423	\$0
RECREATIONAL TRAILS	\$1,186,729	\$3,524,586		\$4,711,315	\$1,186,729	\$3,524,586	\$0
TAP FLEX	\$4,440,861	\$14,477,055	\$0	\$18,917,916	\$6,948,946	\$11,968,970	\$0
TAP NON-FLEX	\$5,376,538	\$5,160,267		\$10,536,805	\$4,792,864	\$5,743,941	\$0
	\$3,356,593	\$1		\$3,356,594	\$3,242,434	\$114,160	\$0
-BOSTON URBAN AREA	\$202,572	\$538,782		\$741,354	\$154,429	\$586,925	\$0
-BARNSTABLE URBAN AREA	\$436,510	\$4,511		\$441,021	\$0	\$441,021	\$0
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$372,459	\$403,364		\$775,823	\$391,169	\$384,654	\$0
-WORCESTER URBAN AREA	\$213,724	\$1,265,890		\$1,479,614	\$1,004,832	\$474,782	\$0
-PROVIDENCE, PAWTUCKET	\$794,680	\$2,947,719		\$3,742,399	\$0	\$3,742,399	\$0
HWY SAFETY IMPROVEMENT (RURAL & SMALL URBAN)	\$33,249,210	\$2,607,925	\$10,000,000	\$45,857,135	\$40,716,297	\$5,140,838	(\$4,326,704)
HSIP - High Risk Rural		\$3,549,236		\$3,549,236	\$0	\$3,549,236	\$0
RLWY/HWY CROSSINGS- HAZARD ELIMINATION	\$1,319,028	\$2,309,949	\$0	\$3,628,977	\$2,000,000	\$1,628,977	\$0
RLWY/HWY CROSSINGS- PROTECTIVE DEVICES	\$1,319,028	\$762,337	\$0	\$2,081,365	\$1,800,000	\$281,365	\$0
CMAQ	\$65,668,975	\$12,122,190	\$8,000,000	\$85,791,165	\$72,860,466	\$12,930,699	\$0
PLANNING	\$22,176,355	\$45,880,181		\$68,056,537	\$22,619,520	\$45,437,017	\$0
OTHER ALLOCATED FUNDS	\$614,611	\$3,529,736		\$4,144,347	\$1,230,000	\$2,914,347	\$0
FEDERAL AID SUB-TOTAL:	\$644,746,053	\$283,342,277	\$0	\$928,088,329	\$590,393,110	\$337,695,219	(\$19,346,339)

Estimated Obligation Authority	\$661,680,000
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HIGH PRIORITY PROJECTS		\$102,661,212		\$102,661,212	\$13,955,472	\$88,705,740	\$0
FERRY BOAT DESC		\$0		\$0	\$0		\$0
SECTION 115 PROJECTS		\$418,520		\$418,520	\$0	\$418,520	\$0
SECTION 117 PROJECTS		\$230,852		\$230,852	\$0	\$230,852	\$0
SECTION 125 PROJECTS		\$3,803,009		\$3,803,009	\$0	\$3,803,009	\$0
MISCELLANEOUS / OTHER / UNDETERMINED	\$9,932,930	\$21,217,777	\$0	\$31,150,707	\$0	\$31,150,707	\$0
FEDERAL AID TOTAL >	\$654,678,983	\$411,673,646	\$0	\$1,066,352,628	\$604,348,582	\$462,004,046	(\$19,346,339)

STATE MATCH FOR FEDERAL AID \$123,191,545

NON-FEDERAL AID + FEDERAL AID TOTAL > \$727,540,127

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

							NET CHANGE IN PROGRAMMED OBLIGATIONS
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	
NATIONAL HIGHWAY PERFORMANCE	\$337,192,402	\$53,384,717	\$0	\$390,577,119	\$344,636,445	\$45,940,674	\$8,080,000
NATIONAL HIGHWAY FREIGHT PROGRAM	\$22,458,721	\$27,482,143	(\$8,500,000)	\$41,440,864	\$0	\$41,440,864	\$0
STP FLEX	\$44,833,370	\$1,775,527	\$8,500,000	\$55,108,897	\$51,027,531	\$4,081,366	\$0
BRIDGE-OFF SYSTEM	\$28,456,838	\$49,791,767		\$78,248,605	\$28,680,713	\$49,567,892	\$0
STP NON-FLEX	\$89,354,743	\$25,067,876		\$114,422,619	\$90,966,764	\$23,455,854	\$0
	\$55,846,914	\$81,593		\$55,928,507	\$55,846,914	\$81,593	\$0
-BOSTON URBAN AREA	\$3,370,385	\$1		\$3,370,386	\$3,370,385	\$1	\$0
-BARNSTABLE URBAN AREA	\$7,262,652	\$1		\$7,262,653	\$5,616,713	\$1,645,940	\$0
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$6,196,962	\$3,532,887		\$9,729,849	\$9,729,848	\$1	\$0
-WORCESTER URBAN AREA	\$3,555,931	\$21,453,392		\$25,009,323	\$3,281,006	\$21,728,317	\$0
-PROVIDENCE, PAWTUCKET	\$13,121,899	\$1		\$13,121,900	\$13,121,899	\$1	\$0
STP ENHANCEMENT (CENTRAL & SMALL URBAN)	\$0	(\$3,211,206)	\$0	(\$3,211,206)	\$4,081,733	(\$7,292,939)	\$0
SAFE ROUTES TO SCHOOLS PGM.	\$0	\$286,400		\$286,400	\$0	\$286,400	\$0
RECREATIONAL TRAILS	\$1,186,729	\$2,079,506		\$3,266,235	\$1,186,729	\$2,079,506	\$0
TAP FLEX	\$4,440,861	\$7,061,692	\$0	\$11,502,553	\$6,833,195	\$4,669,358	\$0
TAP NON-FLEX	\$5,376,538	\$3,388,925		\$8,765,463	\$3,664,646	\$5,100,817	\$0
	\$3,356,593	\$114,160		\$3,470,753	\$3,470,752	\$1	\$0
-BOSTON URBAN AREA	\$202,572	\$586,925		\$789,497	\$193,894	\$595,603	\$0
-BARNSTABLE URBAN AREA	\$436,510	\$441,021		\$877,531	\$0	\$877,531	\$0
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$372,459	\$384,654		\$757,113	\$0	\$757,113	\$0
-WORCESTER URBAN AREA	\$213,724	\$474,782		\$688,506	\$0	\$688,506	\$0
-PROVIDENCE, PAWTUCKET	\$794,680	\$3,742,399		\$4,537,079	\$0	\$4,537,079	\$0
HSIP - High Risk Rural	\$33,924,199	\$5,140,838	\$0	\$39,065,037	\$29,354,660	\$9,710,377	\$0
RLWY/HWY CROSSINGS- HAZARD ELIMINATION	\$1,346,508	\$1,628,977	\$0	\$2,975,485	\$1,000,000	\$1,975,485	\$0
RLWY/HWY CROSSINGS- PROTECTIVE DEVICES	\$1,346,508	\$281,365	\$0	\$1,627,872	\$1,000,000	\$627,872	\$0
CMAQ	\$67,002,744	\$7,629,112	\$0	\$74,631,856	\$59,794,271	\$14,837,585	\$0
PLANNING	\$22,707,173	\$26,807,840		\$49,515,013	\$23,457,280	\$45,880,181	\$0
OTHER ALLOCATED FUNDS	\$344,611	\$2,914,347		\$3,258,958	\$0	\$3,258,958	\$0
FEDERAL AID SUB-TOTAL:	\$659,971,944	\$215,059,061	\$0	\$875,031,005	\$645,683,968	\$249,169,486	\$8,080,000

Estimated Obligation Authority

\$676,330,000

HIGH PRIORITY PROJECTS		\$88,705,740		\$88,705,740	\$0	\$88,705,740	\$0
FERRY BOAT DESC		\$0		\$0	\$0		\$0
SECTION 115 PROJECTS		\$418,520		\$418,520	\$0	\$418,520	\$0
SECTION 117 PROJECTS		\$230,852		\$230,852	\$0	\$230,852	\$0
SECTION 125 PROJECTS		\$3,803,009		\$3,803,009	\$0	\$3,803,009	\$0
MISCELLANEOUS / OTHER / UNDETERMINED	\$10,140,012	\$31,150,707	\$0	\$41,290,718	\$0	\$41,290,718	\$0
FEDERAL AID TOTAL >	\$670,111,955	\$339,367,888	\$0	\$1,009,479,843	\$645,683,968	\$383,618,324	\$8,080,000
STATE MATCH FOR FEDERAL AID					\$126,915,913		
NON-FEDERAL AID + FEDERAL AID TOTAL >					\$772,599,881		

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

Federal Fiscal Year 2021							STIP 2017-2021, 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	\$337,192,402	\$45,940,674	\$8,000,000	\$391,133,076	\$350,413,185	\$40,719,891	\$4,163,658
NATIONAL HIGHWAY FREIGHT PROGRAM	\$22,458,721	\$41,440,864	(\$8,500,000)	\$55,399,585	\$0	\$55,399,585	\$0
STP FLEX	\$48,400,701	\$4,081,366	\$7,000,000	\$59,482,067	\$58,734,669	\$747,398	\$0
BRIDGE-OFF SYSTEM	\$28,456,838	\$49,567,892		\$78,024,730	\$28,773,341	\$49,251,389	\$0
STP NON-FLEX	\$89,354,743	\$23,455,854		\$112,810,597	\$87,444,751	\$25,365,846	\$0
	\$55,846,914	\$81,593		\$55,928,507	\$55,846,914	\$81,593	\$0
-BOSTON URBAN AREA	\$3,370,385	\$1		\$3,370,386	\$3,370,385	\$1	\$0
-BARNSTABLE URBAN AREA	\$7,262,652	\$1,645,940		\$8,908,592	\$8,908,591	\$1	\$0
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$6,196,962	\$1		\$6,196,963	\$6,196,962	\$1	\$0
-WORCESTER URBAN AREA	\$3,555,931	\$21,728,317		\$25,284,248	\$0	\$25,284,248	\$0
-PROVIDENCE, PAWTUCKET	\$13,121,899	\$1		\$13,121,900	\$13,121,899	\$1	\$0
STP ENHANCEMENT (RURAL & SMALL URBAN)	\$0	(\$7,292,939)	\$0	(\$7,292,939)	\$4,828,200	(\$12,121,139)	\$0
SAFE ROUTES TO SCHOOLS PGM.	\$0	\$286,400		\$286,400	\$0	\$286,400	\$0
RECREATIONAL TRAILS	\$1,186,729	\$2,079,506		\$3,266,235	\$1,186,729	\$2,079,506	\$0
TAP FLEX	\$4,440,861	\$4,669,358	\$0	\$9,110,219	\$5,969,770	\$3,140,449	\$0
TAP NON-FLEX	\$5,376,538	\$5,100,817		\$10,477,355	\$3,612,373	\$6,864,982	\$0
	\$3,356,593	\$1		\$3,356,594	\$3,356,593	\$1	\$0
-BOSTON URBAN AREA	\$202,572	\$595,603		\$798,175	\$255,780	\$542,395	\$0
-BARNSTABLE URBAN AREA	\$436,510	\$877,531		\$1,314,041	\$0	\$1,314,041	\$0
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$372,459	\$757,113		\$1,129,572	\$0	\$1,129,572	\$0
-WORCESTER URBAN AREA	\$213,724	\$688,506		\$902,230	\$0	\$902,230	\$0
-PROVIDENCE, PAWTUCKET	\$794,680	\$4,537,079		\$5,331,759	\$0	\$5,331,759	\$0
HWY SAFETY IMPROVEMENT (RURAL)	\$33,924,199	\$9,710,377	\$0	\$43,634,575	\$34,202,149	\$9,432,426	\$0
HSIP - High Risk Rural		\$3,549,236		\$3,549,236	\$0	\$3,549,236	\$0
RLWY/HWY CROSSINGS- HAZARD ELIMINATION	\$1,346,508	\$1,975,485	\$0	\$3,321,992	\$1,000,000	\$2,321,992	\$0
RLWY/HWY CROSSINGS- PROTECTIVE DEVICES	\$1,346,508	\$627,872	\$0	\$1,974,380	\$1,000,000	\$974,380	\$0
CMAQ	\$68,370,147	\$14,837,585	\$0	\$83,207,732	\$61,726,779	\$21,480,953	\$0
PLANNING	\$22,707,173	\$45,880,181		\$68,587,354	\$24,295,040	\$45,880,181	\$0
OTHER ALLOCATED FUNDS	\$344,611	\$3,258,958		\$3,603,569	\$0	\$3,603,569	\$0
FEDERAL AID SUB-TOTAL:	\$664,906,678	\$249,169,486	\$6,500,000	\$920,576,163	\$663,186,986	\$258,977,044	\$4,163,658

Estimated Obligation Authority	\$691,990,000
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HIGH PRIORITY PROJECTS		\$88,705,740		\$88,705,740	\$0	\$88,705,740	\$0
FERRY BOAT DESC		\$0		\$0	\$0		\$0
SECTION 115 PROJECTS		\$418,520		\$418,520	\$0	\$418,520	\$0
SECTION 117 PROJECTS		\$230,852		\$230,852	\$0	\$230,852	\$0
SECTION 125 PROJECTS		\$3,803,009		\$3,803,009	\$0	\$3,803,009	\$0
MISCELLANEOUS / OTHER / UNDETERMINED	\$10,140,012	\$41,290,718	\$0	\$51,430,730	\$0	\$51,430,730	\$0
FEDERAL AID TOTAL >	\$675,046,689	\$383,618,324	\$6,500,000	\$1,065,165,013	\$663,186,986	\$403,565,894	\$4,163,658
STATE MATCH FOR FEDERAL AID					\$130,160,569		
NON-FEDERAL AID + FEDERAL AID TOTAL >					\$793,347,555		

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

2017 Berkshire Region MPO Transportation Improvement Program

6/28/2016 Draft Released
08/02/2016 Endorsed

2/28/2017 1st Amendment Endorsed

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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► Section 1A / Federal Aid Target Projects

► HSIP - Highway Safety Improvement Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
HSIP Subtotal ►							\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
CMAQ Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► TAP - Transportation Alternatives Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
TAP Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Non-CMAQ/HSIP/TAP (Other)

	602280	Berkshire	Dalton	DALTON- RECONSTRUCTION OF HOUSATONIC STREET, FROM ROUTE 8 & 9 TO ROUTE 8	1	STP	\$ - 340,591	\$ - 272,473	\$ - 68,118	AC - Year 3 of 3; STP + CMAQ + Statewide CMAQ; Total Cost = 11,181,141; MPO evaluation score 4 of 8; Design Status: 100%
	605799	Berkshire	Williamstown	WILLIAMSTOWN- RECONSTRUCTION & RELATED WORK ON ROUTE 43 (WATER STREET)	1	STP	\$ 2,700,000	\$ 2,160,000	\$ 540,000	STP; Total Cost = 2,700,000; MPO evaluation score 4 of 8; Design Status: 75%
	608167	Berkshire	Clarksburg	CLARKSBURG- RESURFACING AND RELATED WORK ON ROUTE 8, FROM THE NORTH ADAMS T.L. TO THE VERMONT S.L.	1	STP	\$ 4,348,340	\$ 3,478,672	\$ 869,668	STP; Total Cost =4,348,340; MPO evaluation score 2 of 8; Design Status: <25%
Non-CMAQ/HSIP/TAP (Other) Subtotal ►							\$ 7,388,931	\$ 5,911,145	\$ 1,477,786	◀ 80% Federal + 20% Non-Federal

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 7,388,931	\$ 7,388,931	◀Total Target	\$ -	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$ 7,388,931	\$ 5,920,578	◀ Max. Non-CMAQ/HSIP/TAP	\$ (1,468,353)	Non-CMAQ/HSIP/TAP (Other) Exceeds Maximum
Total HSIP Programmed ►	\$ -	\$ 355,964	◀ Min. HSIP	\$ 355,964	HSIP Recommended Not Met
Total CMAQ Programmed ►	\$ -	\$ 1,112,389	◀ Min. CMAQ	\$ 1,112,389	CMAQ Recommended Not Met
Total TAP Programmed ►	\$ -	\$ -	◀ Min. TAP	\$ -	TAP Recommended Met

Remaining HSIP, CMAQ, and TAP Funds \$ 1,468,353

2017 Berkshire Region MPO Transportation Improvement Program

6/28/2016 Draft Released
08/02/2016 Endorsed

2/28/2017 1st Amendment Endorsed

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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► Section 1B / Federal Aid Bridge Projects

► Statewide Systematic Maintenance Program

				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Maintenance Program Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal

► On System

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
On System Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal

► Off-System

AMENDMENT: Increase Cost	607550	Berkshire	Lee	LEE- SUPERSTRUCTURE REPLACEMENT, L-05-034, CHAPEL STREET OVER GREENWATER BROOK	1	STP-BR-OFF	\$ 1,674,089	\$ 1,339,271	\$ -	334,818	Increase Cost
	607551	Berkshire	Multiple	LEE- LENOX- BRIDGE REPLACEMENT, L-05-020=L-07-003, VALLEY STREET OVER HOUSATONIC RIVER	1	STP-BR-OFF	3,520,062.94	2,816,050	\$	704,013	
Off-System Subtotal ►							\$ 5,194,152	\$ 4,155,322	\$ 1,038,830	◄ 80% Federal + 20% Non-Federal	

► Statewide Bridge Inspection Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Inspection Program Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal

► Section 1C / Federal Aid Non-Target Projects

► Other Federal Aid

	606890	Berkshire	Multiple	ADAMS- NORTH ADAMS- ASHUWILLTICOOK RAIL TRAIL EXTENSION TO ROUTE 8A (HODGES CROSS ROAD)	1	HPP	\$ 1,000,000	\$ 800,000	\$ 200,000	Design; SAFETEA-LU, HPP 2850-MA Berkshire County Bike Paths, Design & Construction - \$5,007,375 (Earmark Total)	
Other Federal Aid Subtotal ►							\$ 1,000,000	\$ 800,000	\$ 200,000	◄ Funding Split Varies by Funding Source	

► Section 1D / Federal Aid Major & State Category Projects

► Regional Major Infrastructure

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Regional Major Infrastructure Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal

► Statewide Americans with Disability Act Implementation Plan

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ADA Implementation Plan Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal

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2017 Berkshire Region MPO Transportation Improvement Program

6/28/2016 Draft Released
08/02/2016 Endorsed

2/28/2017 1st Amendment Endorsed

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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► Statewide Congestion Mitigation and Air Quality

AMENDMENT-Add Funding Source	607254	Berkshire	Williamstown	NORTH ADAMS- WILLIAMSTOWN- MOHAWK BICYCLE/PEDESTRIAN TRAIL	1	CMAQ	\$ 625,000	\$ 500,000	\$ 125,000	Design Funds
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide CMAQ Subtotal ►							\$ 625,000	\$ 500,000	\$ 125,000	◀ 80% Federal + 20% Non-Federal

► Statewide HSIP Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide HSIP Program Subtotal ►							\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal

► Statewide Infrastructure Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Infrastructure Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide Interstate Maintenance Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Interstate Maintenance Program Subtotal ►							\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal

► Statewide Intelligent Transportation Systems

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ITS Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide National Freight Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide National Freight Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide National Highway System Preservation Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide NHS Preservation Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide Planning Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Planning Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide Railroad Grade Crossings

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide RR Grade Crossings Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

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2017 Berkshire Region MPO Transportation Improvement Program

6/28/2016 Draft Released
08/02/2016 Endorsed

2/28/2017 1st Amendment Endorsed

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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► Statewide Safe Routes to Schools Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Safe Routes to Schools Program Subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

► Statewide Stormwater Retrofits

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Stormwater Retrofits Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide Transportation Enhancements

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Transportation Enhancements Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Other Statewide Items

				ABP GANS Repayment			\$ -	\$ -	\$ -	
				Award Adjustments, Change Orders, Project Value Changes, Etc.			\$ -	\$ -	\$ -	
				DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs			\$ -	\$ -	\$ -	
				Planning			\$ -	\$ -	\$ -	
				Statewide Design and Right of Way			\$ -	\$ -	\$ -	
				Statewide Recreational Trails			\$ -	\$ -	\$ -	
Other Statewide Items Subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

► Section 2A / Non-Federal Projects

► Non Federal Aid

				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
Non-Federal Aid Subtotal ►							\$ -	\$ -	\$ -	◀ 100% Non-Federal

► Section 2B / Non-Federal Bridge Projects

► Section 2B / Non-Federal Bridge Projects

				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
Section 2B / Non-Federal Bridge Projects Subtotal ►							\$ -	\$ -	\$ -	◀ 100% Non-Federal

2017 Berkshire Region MPO TIP Summary

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ►	\$ 14,208,083	\$ -	\$ 14,208,083	◀ Total Spending in Region
Federal Funds ►	\$ 11,366,466	\$ -	\$ 11,366,466	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 2,841,617	\$ -	\$ 2,841,617	◀ Total Non-Federal Spending in Region

701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects / 701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website: <http://www.massdot.state.ma.us/Highway/flaggers/main.aspx>

2017 Boston Region MPO Transportation Improvement Program

07/28/2016 Endorsed

05/25/2017 Action on Amendment Three

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Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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► Section 1A / Federal Aid Target Projects

► HSIP - Highway Safety Improvement Program

AMENDMENT:Change Additional Information	607309	Boston	Hingham	HINGHAM- RECONSTRUCTION & RELATED WORK ON DERBY STREET, FROM POND PARK ROAD TO CUSHING STREET	5	HSIP	\$ 985,554	\$ 886,999	\$ 98,555	HSIP+CMAQ+TAP+SW CMAQ Total Cost = \$6,716,047 Cost increase from \$4,927,769 to \$6,716,047
	604935	Boston	Woburn	WOBURN- RECONSTRUCTION OF MONTVALE AVENUE, FROM I-93 INTERCHANGE TO CENTRAL STREET (APPROX. 1,850 FT)	4	HSIP	\$ 3,564,628	\$ 3,208,165	\$ 356,463	STP+HSIP Total Cost = \$4,752,838
AMENDMENT:Decrease Cost	604810	Boston	Marlborough	MARLBOROUGH- RECONSTRUCTION OF ROUTE 85 (MAPLE STREET)	3	HSIP	\$ 2,848,454	\$ 2,563,609	\$ 284,845	HSIP+CMAQ+STP+SW CMAQ Total Cost = \$5,969,357 Cost increase from \$5,613,636 to \$5,969,357
HSIP Subtotal ►							\$ 7,398,636	\$ 6,658,772	\$ 739,864	◄ 90% Federal + 10% Non-Federal

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

AMENDMENT:Change Additional Information	607309	Boston	Hingham	HINGHAM- RECONSTRUCTION & RELATED WORK ON DERBY STREET, FROM POND PARK ROAD TO CUSHING STREET	5	CMAQ	\$ 3,195,430	\$ 2,556,344	\$ 639,086	HSIP+CMAQ+TAP+SW CMAQ Total Cost = \$6,716,047 Cost increase from \$4,927,769 to \$6,716,047
AMENDMENT:Increase Cost	604810	Boston	Marlborough	MARLBOROUGH- RECONSTRUCTION OF ROUTE 85 (MAPLE STREET)	3	CMAQ	\$ 2,651,263	\$ 2,121,010	\$ 530,253	HSIP+CMAQ+STP+SW CMAQ Total Cost = \$5,969,357 Cost increase from \$5,613,636 to \$5,969,357
	1570	Boston	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	N/A	CMAQ	\$ 13,427,220	\$ 10,741,776	\$ 2,685,444	AC Yr 2 of 6; Total MPO Contribution = \$190,000,000; funding flexed to FTA; match provided by local contributions; STP+CMAQ+Section 5309 (Transit)
CMAQ Subtotal ►							\$ 19,273,913	\$ 15,419,130	\$ 3,854,783	◄ 80% Federal + 20% Non-Federal

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► TAP - Transportation Alternatives Program

AMENDMENT:Change Additional Information	607309	Boston	Hingham	HINGHAM- RECONSTRUCTION & RELATED WORK ON DERBY STREET, FROM POND PARK ROAD TO CUSHING STREET	5	TAP	\$ 746,785	\$ 597,428	\$ 149,357	HSIP+CMAQ+TAP+SW CMAQ Total Cost = \$6,716,047 Cost increase from \$4,927,769 to \$6,716,047
TAP Subtotal ►							\$ 746,785	\$ 597,428	\$ 149,357	◄ 80% Federal + 20% Non-Federal

► Non-CMAQ/HSIP/TAP (Other)

	29492	Boston	Multiple	BEDFORD- BILLERICA- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES RECONSTRUCTION OF B-04-006 (PHASE III)	4	STP	\$ 6,604,906	\$ 5,283,925	\$ 1,320,981	increase in funding source from \$3,794,185 to \$6,604,906; AC Yr 2 of 2; STP+NHPP+TAP+Earmark+Statewide Infrastructure+Northern Middlesex Council of Governments contribution (\$1,000,000) Total Cost = \$36,735,048
	601630	Boston	Multiple	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REPLACING W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	6	STP	\$ 5,946,711	\$ 4,757,369	\$ 1,189,342	decrease in funding source from \$12,850,000 to \$5,946,711; AC Yr 2 of 4; STP+NHPP+HSIP+TEA-21 Earmark (MA1236)+BR Total Cost = \$81,812,268
	601630	Boston	Multiple	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REPLACING W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	6	NHPP	\$ 6,903,289	\$ 5,522,631	\$ 1,380,658	New funding source for this project. AC Yr 2 of 4; STP+NHPP+HSIP+TEA-21 Earmark (MA1236)+BR Total Cost = \$81,812,268
	604935	Boston	Woburn	WOBBURN- RECONSTRUCTION OF MONTVALE AVENUE, FROM I-93 INTERCHANGE TO CENTRAL STREET (APPROX. 1,850 FT)	4	STP	\$ 1,188,210	\$ 950,568	\$ 237,642	STP+HSIP Total Cost = \$4,752,838
AMENDMENT:Decrease Cost	604810	Boston	Marlborough	MARLBOROUGH- RECONSTRUCTION OF ROUTE 85 (MAPLE STREET)	3	STP	\$ 113,919	\$ 91,135	\$ 22,784	HSIP+CMAQ+STP+SW CMAQ Total Cost = \$5,969,357 Cost increase from \$5,613,636 to \$5,969,357
	1570	Boston	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	N/A	STP	\$ 16,472,780	\$ 13,178,224	\$ 3,294,556	AC Yr 2 of 6; Total MPO Contribution = \$190,000,000; funding flexed to FTA; match provided by local contributions; STP+CMAQ+Section 5309 (Transit)
	603711	Boston	Multiple	NEEDHAM- WELLESLEY- REHAB/REPLACEMENT OF 6 BRIDGES ON I-95/ROUTE 128: N-04-020, N-04-021, N-04-022, N-04-026, N-04-027, N-04-037 & W-13-023 (ADD-A-LANE - CONTRACT V)	6	NHPP	\$ 24,539,816	\$ 19,631,853	\$ 4,907,963	AC Yr 4 of 5; NHPP+BR+Statewide Infrastructure Total Cost = \$164,919,140 (\$26,258,183 programmed within FFYs 2017-21 TIP)
Non-CMAQ/HSIP/TAP (Other) Subtotal ►							\$ 61,769,631	\$ 49,415,705	\$ 12,353,926	◄ 80% Federal + 20% Non-Federal

2017 Boston Region MPO Transportation Improvement Program

07/28/2016 Endorsed

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► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 89,188,965	\$ 89,188,965	◄ Total Target	\$	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$ 61,769,631	\$ -	◄ Max. Non-CMAQ/HSIP/TAP	\$ (68,562,975)	Non-CMAQ/HSIP/TAP (Other) Exceeds Maximum
Total HSIP Programmed ►	\$ 7,398,636	\$ 4,296,710	◄ Min. HSIP	\$ (3,101,926)	HSIP Recommended Met
Total CMAQ Programmed ►	\$ 19,273,913	\$ 13,427,220	◄ Min. CMAQ	\$ 0 (5,846,693)	CMAQ Recommended Met
Total TAP Programmed ►	\$ 746,785	\$ 2,902,060	◄ Min. TAP	\$,155,275	TAP Recommended Not Met

HSIP, CMAQ, TAP Overprogrammed \$ (6,793,344)

2

► Section 1B / Federal Aid Bridge Projects

► Statewide Systematic Maintenance Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Maintenance Program Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal

► On System

AMENDMENT: Decrease Cost. AMENDMENT: Change Project Description	604173	Boston	BOSTON	BOSTON- BRIDGE REPLACEMENT, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP	\$ 6,400,000	\$ 5,120,000	\$ 1,280,000	AC YR 1 of 5, YOY \$144,066,616
	607507	Boston	WAKEFIELD	WAKEFIELD- BRIDGE DECK REPLACEMENT, W-01-021 (2MF), HOPKINS STREET OVER I-95/ST 128	4	NHPP	\$ 2,646,360	\$ 2,117,088	\$ 529,272	
AMENDMENT: Increase Cost	607954	Boston	DANVERS	DANVERS- BRIDGE REPLACEMENT, D-03-018, ST 128 OVER WATERS RIVER	4	NHPP	\$ 20,074,634	\$ 16,059,707	\$ 4,014,927	Cost increase from \$8,625,000 to \$20,074,634
	601630	Boston	WEYMOUTH	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REPLACING W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	6	NHPP	\$ 12,033,818	\$ 9,627,054	\$ 2,406,764	decrease in funding source from \$21,758,750 to \$12,033,817.53 (August redistribution); AC Yr 2 of 4; STP+NHPP+HSIP+TEA-21 Earmark (MA1236)+BR Total Cost = \$81,812,268
	607499	Boston	Multiple	RANDOLPH- BOSTON- BRAINTREE- STEEL SUPERSTRUCTURE CLEANING (FULL REMOVAL) AND PAINTING OF 3 BRIDGES: R-01-006 (344), B-16-261 (3FK) & B-21-027 (36E)	6	NHPP	\$ 2,028,526	\$ 1,622,821	\$ 405,705	In the STIP/Statewide Programs; formerly DISTRICT 6- STEEL SUPERSTRUCTURE CLEANING (FULL REMOVAL) AND PAINTING OF TWO BRIDGES, RANDOLPH R-01-006(344) AND BRAINTREE B-21-027(36E); Cost increase of \$354,526.
On System Subtotal ►							\$ 43,183,338	\$ 34,546,670	\$ 8,230,962	◄ 80% Federal + 20% Non-Federal

► Off-System

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Off-System Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal

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► Statewide Bridge Inspection Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Inspection Program Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal

► Section 1C / Federal Aid Non-Target Projects

► Other Federal Aid

	601630	Boston	Multiple	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REPLACING W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	6	HPP	\$ 9,179,180	\$ 7,343,344	\$ 1,835,836	Demo ID: MA047 increase in funding source from \$6,171,760 to \$9,179,180; Construction; (MA1236); AC Yr 2 of 4; STP+HSIP+TEA-21 Earmark+BR Total Cost = \$81,812,268
	29492	Boston	BEDFORD	BEDFORD- BILLERICA- BURLINGTON- MIDDLESEX TURNPIKE IMPROVEMENTS, FROM CROSBY DRIVE NORTH TO MANNING ROAD, INCLUDES RECONSTRUCTION OF B-04-006 (PHASE III)	4	HPP	\$ 1,001,475	\$ 801,180	\$ 200,295	Repurposed SAFETEA-LU earmark (MA171); AC Yr 2 of 2; STP+NHPP+TAP+Earmark+Statewide Infrastructure+Northern Middlesex Council of Governments contribution (\$1,000,000) Total Cost = \$36,735,048
	BN0002	Boston	Multiple	MBTA Bus Stop Accessibility and Operational Improvements	N/A	HPP	\$ 1,135,276	\$ 908,221	\$ 227,055	Demo ID: MA 015 Old Purpose of Earmark: Undertake improvements to South Station intermodal station Total value of earmarks for this improvements program: \$1,909,696 (Federal) repurposed earmark; Flex to FTA
	BN0003	Boston	Multiple	MBTA Bus Stop Accessibility and Operational Improvements	N/A	HPP	\$ 1,251,844	\$ 1,001,475	\$ 250,369	Demo ID: MA 170 Old Purpose of Earmark: MBTA Secure Station, Boston Total value of earmarks for this improvements program: \$1,909,696 (Federal) repurposed earmark; Flex to FTA
	BN0004	Boston	Multiple	MBTA Bus Stop Accessibility and Operational Improvements within the Longwood Medical Area	N/A	HPP	\$ 162,494	\$ 129,995	\$ 32,499	Demo ID: MA 133 Old Purpose of Earmark: Longwood Ave./Urban Ring Tunnel Study Repurposed earmark; Flex to FTA
	1570	Boston	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	N/A	HPP	\$ 6,259,669	\$ 5,007,735	\$ 1,251,934	Demo ID: MA 199 Old Purpose of Earmark: Construct Lechmere Station area roadway and access improvements in Cambridge Repurposed earmark; Flex to FTA

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	608562	Boston	SOMERVILLE	SOMERVILLE- SIGNAL AND INTERSECTION IMPROVEMENT ON I-93 AT MYSTIC AVENUE AND MCGRATH HIGHWAY (TOP 200 CRASH LOCATION)	4	HPP	\$ 500,738	\$ 400,590	\$ 100,148	Demo ID: MA 128 Repurposed earmark for design funds. TIP Project #608562 is programmed for construction in FFY 2020 in Section 1D, under the Statewide HSIP Program.
	BN0005	Boston	SUDBURY	Assabet River National Wildlife Refuge - Rehab White Pond Rd, aka North Entrance Rd (Rte. 101)	3	Other FA	\$ 575,000	\$ 460,000	\$ 115,000	Transfer to Eastern Federal Lands
ADJUSTMENT:Change Additional Information	BN0006	Boston	CONCORD	Great Meadows National Wildlife Transportation Project	4	HPP	\$ 53,328	\$ 42,662	\$ 10,666	Demo ID: MA 119 Repurposed earmark, formerly Assabet River National Wildlife Refuge, MA, Design and construction of parking areas; Transfer to Eastern Federal Lands
ADJUSTMENT:Change Additional Information	BN0007	Boston	CONCORD	Great Meadows National Wildlife Transportation Project	4	HPP	\$ 190,453	\$ 152,362	\$ 38,091	Demo ID: MA 174 Repurposed earmark, formerly Oxbow National Wildlife Refuge, Design and construction of a Visitor Contact Station; Transfer to Eastern Federal Lands
Other Federal Aid Subtotal ►							\$ 20,309,455	\$ 16,247,564	\$ 4,061,891	◄ Funding Split Varies by Funding Source

► Section 1D / Federal Aid Major & State Category Projects

► Regional Major Infrastructure

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Regional Major Infrastructure Subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide Americans with Disability Act Implementation Plan

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ADA Implementation Plan Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal

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► Statewide Congestion Mitigation and Air Quality										
AMENDMENT:Increase Cost	602165	Boston	STONEHAM	STONEHAM- SIGNAL & INTERSECTION IMPROVEMENTS AT ROUTE 28/NORTH STREET	4	CMAQ	\$ 2,785,102	\$ 2,228,082	\$ 557,020	Cost increase from \$1,473,607 to \$2,785,102
	604761	Boston	BOSTON	BOSTON- MULTI-USE TRAIL CONSTRUCTION (SOUTH BAY HARBOR), FROM RUGGLES STATION TO FORT POINT CHANNEL	6	CMAQ	\$ 2,229,018	\$ 1,783,214	\$ 445,804	
AMENDMENT:Add Project	608806	Boston	MULTIPLE	WATERTOWN-CAMBRIDGE- MULTI-USE PATH CONSTRUCTION (PHASE II)	6	CMAQ	\$ 3,595,285	\$ 2,876,228	\$ 719,057	This PRC-approved project is being added to Statewide CMAQ Program
ADJUSTMENT:Change Project Description,ADJUSTMENT:Change MPO	608650	Boston	SALEM	SALEM- ADAPTIVE SIGNAL CONTROLS ON ROUTE 107 (HIGHLAND AVENUE)	6	CMAQ	\$ 520,000	\$ 416,000	\$ 104,000	This project was in the STIP as STATEWIDE CMAQ - ADAPTIVE SIGNAL CONTROLS AT VARIOUS INTERSECTIONS (2017); Salem intersection selected as specific location
AMENDMENT:Add Funding Source	607309	Boston	HINGHAM	HINGHAM- RECONSTRUCTION & RELATED WORK ON DERBY STREET, FROM POND PARK ROAD TO CUSHING STREET	5	CMAQ	\$ 1,788,278	\$ 1,430,622	\$ 357,656	HSIP+CMAQ+TAP+SW CMAQ Total Cost = \$6,716,047 Cost increase from \$4,927,769 to \$6,716,047
AMENDMENT:Add Funding Source	604810	Boston	MARLBOROUGH	MARLBOROUGH- RECONSTRUCTION OF ROUTE 85 (MAPLE STREET)	3	CMAQ	\$ 355,721	\$ 284,577	\$ 71,144	HSIP+CMAQ+STP+SW CMAQ Total Cost = \$5,969,357 Cost increase from \$5,613,636 to \$5,969,357
Statewide CMAQ Subtotal ►							\$ 11,273,404	\$ 9,018,723	\$ 2,254,681	◄ 80% Federal + 20% Non-Federal

► Statewide HSIP Program

	607754	Boston	MILTON	MILTON- INTERSECTION & SIGNAL IMPROVEMENTS AT GRANITE AVENUE & SQUANTUM STREET	6	HSIP	\$ 550,000	\$ 495,000	\$ 55,000	
AMENDMENT:Add Project	608458	Boston	REVERE	REVERE- GUIDE AND TRAFFIC SIGN REPLACEMENT ON ROUTE 1A	6	HSIP	\$ 1,612,477	\$ 1,451,229	\$ 161,248	Replaces project 608559, which was in the STIP as Various Safety Strategies to Address SHSP - To Be Determined
Statewide HSIP Program Subtotal ►							\$ 2,162,477	\$ 1,946,229	\$ 216,248	◄ 90% Federal + 10% Non-Federal

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► Statewide Infrastructure Program										
	608763	Boston	MEDFORD	MEDFORD- STONEHAM- WOBURN- READING- HIGHWAY LIGHTING REHABILITATION ON I-93 (PHASE II)	4	STP	\$ 19,543,464	\$ 15,634,771	\$ 3,908,693	increase in total project cost from \$16,024,274 to \$19,543,464.
Statewide Infrastructure Program Subtotal ►							\$ 19,694,422	\$ 15,755,538	\$ 3,938,884	◄ 80% Federal + 20% Non-Federal
► Statewide Interstate Maintenance Program										
	607481	Boston	MULTIPLE	RANDOLPH- QUINCY- BRAINTREE- INTERSTATE MAINTENANCE & RELATED WORK ON I-93 (SB)	6	NHPP	\$ 4,773,000	\$ 4,295,700	\$ 477,300	
Statewide Interstate Maintenance Program Subtotal ►							\$ 4,773,000	\$ 4,295,700	\$ 477,300	◄ 90% Federal + 10% Non-Federal
► Statewide Intelligent Transportation Systems										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ITS Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► Statewide National Freight Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide National Freight Program Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► Statewide National Highway System Preservation Program										
	607477	Boston	LYNNFIELD	LYNNFIELD- PEABODY- RESURFACING & RELATED WORK ON ROUTE 1	4	NHPP	\$ 8,892,334	\$ 7,113,867	\$ 1,778,467	increase in project cost from \$7,235,800
	607488	Boston	SOUTHBOROUGH	SOUTHBOROUGH- RESURFACING & RELATED WORK ON ROUTE 9, FROM THE FRAMINGHAM T.L TO WHITE BAGLEY ROAD	3	NHPP	\$ 4,760,219	\$ 3,808,175	\$ 952,044	
Statewide NHS Preservation Program Subtotal ►							\$ 13,652,553	\$ 10,922,042	\$ 2,730,511	◄ 80% Federal + 20% Non-Federal
► Statewide Planning Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Planning Program Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► Statewide Railroad Grade Crossings										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide RR Grade Crossings Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► Statewide Safe Routes to Schools Program										
	607998	Boston	EVERETT	EVERETT- IMPROVEMENTS AT MADELAINE ENGLISH (SRTS)	4	TAP	\$ 688,810	\$ 551,048	\$ 137,762	
	607999	Boston	REVERE	REVERE- IMPROVEMENTS AT GARFIELD ELEMENTARY & MIDDLE SCHOOL (SRTS)	4	TAP	\$ 825,000	\$ 660,000	\$ 165,000	
	608003	Boston	WEYMOUTH	WEYMOUTH- IMPROVEMENTS AT PINGREE ELEMENTARY SCHOOL (SRTS)	6	TAP	\$ 725,000	\$ 580,000	\$ 145,000	
AMENDMENT: Increase Cost	608004	Boston	WATERTOWN	WATERTOWN- IMPROVEMENTS AT HOSMER ELEMENTARY SCHOOL (SRTS)	6	TAP	\$ 1,701,393	\$ 1,361,114	\$ 340,279	Cost increase from \$868,750 to \$1,701,393
Statewide Safe Routes to Schools Program Subtotal ►							\$ 3,940,203	\$ 3,152,162	\$ 788,041	◄ Funding Split Varies by Funding Source

2017 Boston Region MPO Transportation Improvement Program

07/28/2016 Endorsed

05/25/2017 Action on Amendment Three

Indicates a change in project cost

Indicates removed from TIP (cost not reflected in total)

Indicates a project moved in from another TIP element

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

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

Indicates a new funding category

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
► Statewide Stormwater Retrofits										
AMENDMENT: Add Project	608217	Boston	MULTIPLE	MARLBOROUGH-SUDBURY- STORMWATER IMPROVEMENTS ALONG ROUTE 20	3	STP-TE	\$ 150,958	\$ 120,766	\$ 30,192	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Stormwater Retrofits Subtotal ►							\$ 150,958	\$ 120,766	\$ 30,192	◄ 80% Federal + 20% Non-Federal

► Statewide Transportation Enhancements

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Transportation Enhancements Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal

► Other Statewide Items

				ABP GANS Repayment			\$ -	\$ -	\$ -	
				Award Adjustments, Change Orders, Project Value Changes, Etc.			\$ -	\$ -	\$ -	
				DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs			\$ -	\$ -	\$ -	
				Planning			\$ -	\$ -	\$ -	
				Statewide Design and Right of Way			\$ -	\$ -	\$ -	
				Statewide Recreational Trails			\$ -	\$ -	\$ -	
Other Statewide Items Subtotal ►							\$ -	\$ -	\$ -	◄ Funding Split Varies by Funding Source

► Section 2A / Non-Federal Projects

► Non Federal Aid

				No Projects Programmed		NFA	\$ -	\$ -		
				No Projects Programmed		NFA	\$ -	\$ -		
Non-Federal Aid Subtotal ►							\$ -	\$ -		◄ 100% Non-Federal

► Section 2B / Non-Federal Bridge Projects

► Section 2B / Non-Federal Bridge Projects

				No Projects Programmed		NFA	\$ -	\$ -		
				No Projects Programmed		NFA	\$ -	\$ -		
Section 2B / Non-Federal Bridge Projects Subtotal ►							\$ -	\$ -		◄ 100% Non-Federal

2017 Boston Region MPO TIP Summary

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ►	\$ 207,464,211	\$ -	\$ 207,464,211	◄ Total Spending in Region
Federal Funds ►	\$ 167,623,024	\$ -	\$ 167,623,024	◄ Total Federal Spending in Region
Non-Federal Funds ►	\$ 39,841,187	\$ -	\$ 39,841,187	◄ Total Non-Federal Spending in Region

701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects / 701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website: <http://www.massdot.state.ma.us/Highway/flaggers/main.aspx>

2018 Boston Region MPO Transportation Improvement Program

07/28/2016 Endorsed

05/25/2017 Action on Amendment Three

Indicates a change in project cost

Indicates removed from TIP (cost not reflected in total)

Indicates a project moved in from another TIP element

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

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

Indicates a new funding category

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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► Section 1B / Federal Aid Bridge Projects

► Statewide Systematic Maintenance Program

	607915	Boston	MULTIPLE	NEWTON- WELLESLEY- WESTON- BRIDGE MAINTENANCE OF N-12-063, N-12-054, N-12-055 & N-12-056 ON I-95/ROUTE 128	6	NHPP	\$ 1,660,534	\$ 1,328,427	\$ 332,107	
	608521	Boston	SALEM	SALEM - BRIDGE MAINTENANCE, S-01-018 (32T), (ST 114) NORTH STREET OVER (ST 107) BRIDGE STREET & MBTA	4	NHPP	\$ 2,400,000	\$ 1,920,000	\$ 480,000	
Statewide Bridge Maintenance Program Subtotal ►							\$ 4,060,534	\$ 3,248,427	\$ 812,107	◀ 80% Federal + 20% Non-Federal

► On System

AMENDMENT-Increase Cost, AMENDMENT-Change Project Description	604173	Boston	BOSTON	BOSTON- BRIDGE REPLACEMENT B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP	\$ 42,000,000	\$ 33,600,000	\$ 8,400,000	AC YR 2 of 5, YOY \$144,066,616
	604952	Boston	MULTIPLE	LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE)	4	NHPP	\$ 25,764,000	\$ 20,611,200	\$ 5,152,800	AC YR 1 of 2, YOY \$51,527,391
	608149	Boston	BURLINGTON	BURLINGTON- BRIDGE REPLACEMENT, B-29-010, I-95/ST 128 (NB) & I-95/ST128 (SB) OVER ROUTE 3A (CAMBRIDGE STREET)	4	NHPP	\$ 23,920,000	\$ 19,136,000	\$ 4,784,000	
	608522	Boston	MIDDLETON	MIDDLETON- BRIDGE REPLACEMENT- M-20-003, RT 62/MAPLE STREET OVER Ipswich RIVER	4	NHPP	\$ 4,160,000	\$ 3,328,000	\$ 832,000	
On System Subtotal ►							\$ 95,844,000	\$ 76,675,200	\$ 19,168,800	◀ 80% Federal + 20% Non-Federal

► Off-System

	604655	Boston	MARSHFIELD	MARSHFIELD- BRIDGE REPLACEMENT, M-07-007, BEACH STREET OVER THE CUT RIVER	5	STP-BR-OFF	\$ 3,023,938	\$ 2,419,150	\$ 604,788	
	606632	Boston	HOPKINTON	HOPKINTON- WESTBOROUGH- BRIDGE REPLACEMENT, H-23-006=W-24-016, FRUIT STREET OVER CSX & SUDBURY RIVER	3	STP-BR-OFF	\$ 7,964,164	\$ 6,371,331	\$ 1,592,833	
	607133	Boston	QUINCY	QUINCY- SUPERSTRUCTURE REPLACEMENT, Q-01-039, ROBERTSON STREET OVER I-93/US 1/SR 3	6	STP-BR-OFF	\$ 3,260,452	\$ 2,608,361	\$ 652,090	
	607533	Boston	WALTHAM	WALTHAM- BRIDGE REPLACEMENT, W-04-006, WOERD AVENUE OVER CHARLES RIVER	4	STP-BR-OFF	\$ 2,344,742	\$ 1,875,794	\$ 468,948	
Off-System Subtotal ►							\$ 16,593,296	\$ 13,274,637	\$ 3,318,659	◀ 80% Federal + 20% Non-Federal

► Statewide Bridge Inspection Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Inspection Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

2019 Boston Region MPO Transportation Improvement Program

07/28/2016 Endorsed

05/25/2017 Action on Amendment Three

Indicates a change in project cost

Indicates removed from TIP (cost not reflected in total)

Indicates a project moved in from another TIP element

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

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

Indicates a new funding category

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
► Non-CMAQ/HSIP/TAP (Other)										
	601630	Boston	Multiple	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REPLACING W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	6	STP	\$ 8,040,268	\$ 6,432,214	\$ 1,608,054	AC Yr 4 of 4; STP+NHPP+HSIP+TEA-21 Earmark+BR Total Cost = \$81,812,268
	1570	Boston	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	N/A	STP	\$ 26,572,780	\$ 21,258,224	\$ 5,314,556	AC Yr 4 of 6; Total MPO Contribution = \$190,000,000; funding flexed to FTA; match provided by local contributions; STP+CMAQ+Section 5309 (Transit)
	605034	Boston	Natick	NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), FROM NORTH AVENUE TO THE WAYLAND T.L.	3	STP	\$ 11,725,286	\$ 9,380,229	\$ 2,345,057	CMAQ+TAP+STP Total Cost = \$15,459,553
	607652	Boston	Everett	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	STP	\$ 3,795,299	\$ 3,036,239	\$ 759,060	CMAQ+STP+HSIP+TAP Total Cost = \$7,244,124
	606043	Boston	Hopkinton	HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135	3	STP	\$ 6,226,170	\$ 4,980,936	\$ 1,245,234	CMAQ+HSIP+STP Total Cost = \$8,501,376
	605789	Boston	Boston	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	6	STP	\$ 7,853,499	\$ 6,282,799	\$ 1,570,700	STP+Earmarks Total Cost = \$25,297,839
Non-CMAQ/HSIP/TAP (Other) Subtotal ►							\$ 64,213,303	\$ 51,370,642	\$ 12,842,661	◄ 80% Federal + 20% Non-Federal

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 92,844,280	\$ 92,626,333	◄ Total Target	\$ (217,947)	Funds Over Programmed
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$ 64,213,303	\$ -	◄ Max. Non-CMAQ/HSIP/TAP	\$ (74,923,454)	Non-CMAQ/HSIP/TAP (Other) Exceeds Maximum
Total HSIP Programmed ►	\$ 5,086,246	\$ 4,296,710	◄ Min. HSIP	\$ (789,536)	HSIP Recommended Met
Total CMAQ Programmed ►	\$ 18,905,547	\$ 10,741,776	◄ Min. CMAQ	\$ (8,163,771)	CMAQ Recommended Met
Total TAP Programmed ►	\$ 4,639,185	\$ 2,882,340	◄ Min. TAP	\$ (1,756,845)	TAP Requirement Exceeded!

HSIP, CMAQ, TAP Overprogrammed \$ (10,710,152)

► Section 1B / Federal Aid Bridge Projects

► Statewide Systematic Maintenance Program

	608234	Boston	MULTIPLE	BOSTON- RANDOLPH- BRIDGE PRESERVATION OF 3 BRIDGES: B-16-165, R-01-005 & R-01-007	6	NHPP	\$ 2,487,857	\$ 1,990,285	\$ 497,571	
Statewide Bridge Maintenance Program Subtotal ►							\$ 2,487,857	\$ 1,990,285	\$ 497,571	◄ 80% Federal + 20% Non-Federal

► On System

AMENDMENT-Increase Cost,AMENDMENT:Change Project Description	604173	Boston	BOSTON	BOSTON- BRIDGE REPLACEMENT B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP	\$ 42,000,000	\$ 33,600,000	\$ 8,400,000	AC YR 3 of 5, YOY \$144,066,616
	604952	Boston	MULTIPLE	LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE)	4	NHPP	\$ 25,763,391	\$ 20,610,713	\$ 5,152,678	AC YR 2 of 2, YOY \$51,527,391
On System Subtotal ►							\$ 67,763,391	\$ 54,210,713	\$ 13,552,678	◄ 80% Federal + 20% Non-Federal

2020 Boston Region MPO Transportation Improvement Program

07/28/2016 Endorsed

05/25/2017 Action on Amendment Three

Indicates a change in project cost

Indicates removed from TIP (cost not reflected in total)

Indicates a project moved in from another TIP element

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

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

Indicates a new funding category

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
► On System										
AMENDMENT-Increase Cost, AMENDMENT-Change Project Description	604173	Boston	BOSTON	BOSTON- BRIDGE REPLACEMENT, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP	\$ 35,000,000	\$ 28,000,000	\$ 7,000,000	AC YR 4 of 5, YOY \$144,066,616
	608009	Boston	BOXBOROUGH	BOXBOROUGH- BRIDGE REPLACEMENT, B-18-002, ROUTE 111 OVER I-495	3	NHPP	\$ 8,000,000	\$ 6,400,000	\$ 1,600,000	AC YR 1 of 2. Total Cost = 14,295,000
	608097	Boston	WOBURN	WOBURN- BRIDGE REPLACEMENT & RELATED WORK, W-43-028, WASHINGTON STREET OVER I-95	4	NHPP	\$ 14,000,000	\$ 11,200,000	\$ 2,800,000	
	605342	Boston	STOW	STOW- BRIDGE REPLACEMENT, S-29-001, (ST 62) GLEASONDALE ROAD OVER THE ASSABET RIVER	3	NHPP	\$ 6,706,560	\$ 5,365,248	\$ 1,341,312	
	608613	Boston	STONEHAM	STONEHAM - BRIDGE REPLACEMENT, S-27-008, MARBLE STREET OVER I-93	4	NHPP	\$ 15,523,120	\$ 12,418,496	\$ 3,104,624	
	608614	Boston	BOSTON	BOSTON - SUPERSTRUCTURE REPLACEMENT, B-16-179, AUSTIN STREET OVER I-93 RAMP, MBTA COMMUTER RAIL AND ORANGE LINE	6	NHPP	\$ 19,673,600	\$ 15,738,880	\$ 3,934,720	
On System Subtotal ►							\$ 98,903,280	\$ 79,122,624	\$ 19,780,656	◀ 80% Federal + 20% Non-Federal

► Off-System

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Off-System Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide Bridge Inspection Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Inspection Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Section 1C / Federal Aid Non-Target Projects

► Other Federal Aid

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Other Federal Aid Subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

► Section 1D / Federal Aid Major & State Category Projects

► Regional Major Infrastructure

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Regional Major Infrastructure Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

2021 Boston Region MPO Transportation Improvement Program

07/28/2016 Endorsed

05/25/2017 Action on Amendment Three

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Indicates removed from TIP (cost not reflected in total)

Indicates a project moved in from another TIP element

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

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

Indicates a new funding category

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
► Non-CMAQ/HSIP/TAP (Other)										
	1570	Boston	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	N/A	STP	\$ 22,000,000	\$ 17,600,000	\$ 4,400,000	AC Yr 6 of 6; Total MPO Contribution = \$190,000,000; funding flexed to FTA; match provided by local contributions; STP+CMAQ+Section 5309 (Transit)
	606226	Boston	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	STP	\$ 19,649,276	\$ 15,719,421	\$ 3,929,855	Yr 2 of 5; TAP+STP+Earmarks Total Cost = \$37,411,459
	604996	Boston	Woburn	WOBURN- BRIDGE REPLACEMENT, W-43-017, NEW BOSTON STREET OVER MBTA	4	STP	\$ 17,784,392	\$ 14,227,514	\$ 3,556,878	
	608228	Boston	Framingham	FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET	3	STP	\$ 7,547,934	\$ 6,038,347	\$ 1,509,587	STP+HSIP+TAP Total Cost = \$10,063,912
	605857	Boston	Norwood	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET	5	STP	\$ 2,685,512	\$ 2,148,410	\$ 537,102	HSIP+CMAQ+STP Total Cost = \$6,317,236
	606501	Boston	Holbrook	HOLBROOK- RECONSTRUCTION OF UNION STREET (ROUTE 139), FROM LINFIELD STREET TO CENTRE STREET/WATER STREET	5	STP	\$ 1,074,542	\$ 859,634	\$ 214,908	TAP+STP+Earmark Total Cost = \$2,890,880
Non-CMAQ/HSIP/TAP (Other) Subtotal ►							\$ 70,741,656	\$ 56,593,325	\$ 14,148,331	◄ 80% Federal + 20% Non-Federal

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 94,621,275	\$ 94,819,913	◄ Total Target	\$ 198,638	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$ 70,741,656		◄ Max. Non-CMAQ/HSIP/TAP	\$ (76,586,668)	Non-CMAQ/HSIP/TAP (Other) Exceeds Maximum
Total HSIP Programmed ►	\$ 4,481,040	\$ 4,296,710	◄ Min. HSIP	\$ (184,330)	HSIP Recommended Met
Total CMAQ Programmed ►	\$ 15,919,847	\$ 10,741,776	◄ Min. CMAQ	\$ (5,178,071)	CMAQ Recommended Met
Total TAP Programmed ►	\$ 3,478,732	\$ 2,996,121	◄ Min. TAP	\$ (482,611)	TAP Requirement Exceeded!
HSIP, CMAQ, TAP Overprogrammed \$ (5,845,012)					

► Section 1B / Federal Aid Bridge Projects

► Statewide Systematic Maintenance Program

	608610	Boston	NEWTON	NEWTON, BRIDGE NUMBER N-12-055: CLEAN AND PAINT STRUCTURAL STEEL	6	NHPP	\$ 2,308,000	\$ 1,846,400	\$ 461,600	
Statewide Bridge Maintenance Program Subtotal ►							\$ 2,308,000	\$ 1,846,400	\$ 461,600	◄ 80% Federal + 20% Non-Federal

► On System

AMENDMENT: Increase Cost, AMENDMENT: Change Project Description	604173	Boston	BOSTON	BOSTON- BRIDGE REPLACEMENT, B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP	\$ 18,666,616	\$ 14,933,293	\$ 3,733,323	AC YR 5 of 5, YOY \$144,066,616
	608009	Boston	BOXBOROUGH	BOXBOROUGH- BRIDGE REPLACEMENT, B-18-002, ROUTE 111 OVER I-495	3	NHPP	\$ 6,295,000	\$ 5,036,000	\$ 1,259,000	AC YR 2 of 2. Total Cost = 14,295,000
On System Subtotal ►							\$ 24,961,616	\$ 19,969,293	\$ 4,992,323	◄ 80% Federal + 20% Non-Federal

2017 Cape Cod MPO Transportation Improvement Program

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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► Section 1A / Federal Aid Target Projects

► HSIP - Highway Safety Improvement Program

AMENDMENT:Change Additional Information	606707	Cape Cod	Dennis	DENNIS- CORRIDOR AND STREETSCAPE IMPROVEMENTS ON MAIN STREET (ROUTE 28) FROM DENNIS COMMONS DRIVE TO UPPER COUNTY ROAD.	5	HSIP	\$ 458,514	\$ 412,663	\$ 45,851	Total programmed = \$7,016,265 = \$458,514 HSIP + \$647,393 CMAQ \$193,036 TAP + \$4,298,069 STP + \$1,419,253 Statewide STP. CMAQ analysis completed. RSA completed. Municipality is proponent. Score = 79.
HSIP Subtotal ►							\$ 458,514	\$ 412,663	\$ 45,851	◄ 90% Federal + 10% Non-Federal

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

	CC1000	Cape Cod	Barnstable	BARNSTABLE - HYANNIS LOOP DEMONSTATION	5	CMAQ	\$ 685,464	\$ 685,464	\$ -	\$685,464 TRANSFER TO FTA, CMAQ Demonstration AC Year 2 of 3 (\$685,464 CMAQ with \$685,464 CCRTA SCA match for \$1,370,928 Total Cost). Score = 60.
	CC2000	Cape Cod	Regional	Cape Cod Bicycle Rack Program	5	CMAQ	\$ 100,000	\$ 80,000	\$ 20,000	Total programmed = \$100,000. CMAQ analysis complete. Funds to be applied for by municipalities. Score = 52.
AMENDMENT:Change Additional Information	606707	Cape Cod	Dennis	DENNIS- CORRIDOR AND STREETSCAPE IMPROVEMENTS ON MAIN STREET (ROUTE 28) FROM DENNIS COMMONS DRIVE TO UPPER COUNTY ROAD.	5	CMAQ	\$ 647,393	\$ 517,914	\$ 129,479	Total programmed = \$7,016,265 = \$458,514 HSIP + \$647,393 CMAQ \$193,036 TAP + \$4,298,069 STP + \$1,419,253 Statewide STP. CMAQ analysis completed. RSA completed. Municipality is proponent. Score = 79.
CMAQ Subtotal ►							\$ 1,432,857	\$ 1,283,378	\$ 149,479	◄ 80% Federal + 20% Non-Federal

► TAP - Transportation Alternatives Program

AMENDMENT:Change Additional Information	606707	Cape Cod	Dennis	DENNIS- CORRIDOR AND STREETSCAPE IMPROVEMENTS ON MAIN STREET (ROUTE 28) FROM DENNIS COMMONS DRIVE TO UPPER COUNTY ROAD.	5	TAP	\$ 193,036	\$ 154,429	\$ 38,607	Total programmed = \$7,016,265 = \$458,514 HSIP + \$647,393 CMAQ \$193,036 TAP + \$4,298,069 STP + \$1,419,253 Statewide STP. CMAQ analysis completed. RSA completed. Municipality is proponent. Score = 79.
TAP Subtotal ►							\$ 193,036	\$ 154,429	\$ 38,607	◄ 80% Federal + 20% Non-Federal

► Non-CMAQ/HSIP/TAP (Other)

AMENDMENT:Change Additional Information	606707	Cape Cod	Dennis	DENNIS- CORRIDOR AND STREETSCAPE IMPROVEMENTS ON MAIN STREET (ROUTE 28) FROM DENNIS COMMONS DRIVE TO UPPER COUNTY ROAD.	5	STP	\$ 4,298,069	\$ 3,438,455	\$ 859,614	Total programmed = \$7,016,265 = \$458,514 HSIP + \$647,393 CMAQ \$193,036 TAP + \$4,298,069 STP + \$1,419,253 Statewide STP. CMAQ analysis completed. RSA completed. Municipality is proponent. Score = 79.
	608544	Cape Cod	Bourne	BOURNE- RESURFACING AND RELATED WORK ON ROUTE 6 & 28 BYPASS ROAD	5	STP	\$ 2,400,000	\$ 1,920,000	\$ 480,000	Total programmed = \$2,400,000. Score = 49.
	608102	Cape Cod	Harwich	HARWICH- IMPROVEMENTS TO PARK AND RIDE FACILITY INCLUDING A NEW BUS SHELTER AT ROUTE 124 PARK AND RIDE	5	STP	\$ 575,000	\$ 460,000	\$ 115,000	Total programmed = \$575,000. Score = 52.
Non-CMAQ/HSIP/TAP (Other) Subtotal ►							\$ 7,273,069	\$ 5,818,455	\$ 1,454,614	◄ 80% Federal + 20% Non-Federal

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 9,357,476	\$ 9,517,607	◄Total Target	\$ 160,131	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$ 7,273,069	\$ 7,433,200	◄ Max. Non-CMAQ/HSIP/TAP	\$ 160,131	Non-CMAQ/HSIP/TAP (Other) Available
Total HSIP Programmed ►	\$ 458,514	\$ 458,514	◄ Min. HSIP	\$ -	HSIP Recommended Met
Total CMAQ Programmed ►	\$ 1,432,857	\$ 1,432,857	◄ Min. CMAQ	\$ -	CMAQ Recommended Met
Total TAP Programmed ►	\$ 193,036	\$ 193,036	◄ Min. TAP	\$ -	TAP Recommended Met

Remaining HSIP, CMAQ, and TAP Funds \$ -

► Section 1B / Federal Aid Bridge Projects

► Statewide Systematic Maintenance Program

			No Projects Programmed		\$ -	\$ -	\$ -	
Statewide Bridge Maintenance Program Subtotal ►							\$ -	◄ 80% Federal + 20% Non-Federal

► On System

			No Projects Programmed		\$ -	\$ -	\$ -	
On System Subtotal ►							\$ -	◄ 80% Federal + 20% Non-Federal

► Off-System

			No Projects Programmed		\$ -	\$ -	\$ -	
Off-System Subtotal ►							\$ -	◄ 80% Federal + 20% Non-Federal

► Statewide Bridge Inspection Program

			No Projects Programmed		\$ -	\$ -	\$ -	
Statewide Bridge Inspection Program Subtotal ►							\$ -	◄ 80% Federal + 20% Non-Federal

► Section 1C / Federal Aid Non-Target Projects

► Other Federal Aid

			No Projects Programmed		\$ -	\$ -	\$ -	
Other Federal Aid Subtotal ►							\$ -	◄ Funding Split Varies by Funding Source

► Section 1D / Federal Aid Major & State Category Projects

► Regional Major Infrastructure

			No Projects Programmed		\$ -	\$ -	\$ -	
Regional Major Infrastructure Subtotal ►							\$ -	◄ 80% Federal + 20% Non-Federal

► Statewide Americans with Disability Act Implementation Plan

			No Projects Programmed		\$ -	\$ -	\$ -	
Statewide ADA Implementation Plan Subtotal ►							\$ -	◄ 80% Federal + 20% Non-Federal

► Statewide Congestion Mitigation and Air Quality

			No Projects Programmed		\$ -	\$ -	\$ -	
Statewide CMAQ Subtotal ►							\$ -	◄ 80% Federal + 20% Non-Federal

► Statewide HSIP Program

			No Projects Programmed		\$ -	\$ -	\$ -	
Statewide HSIP Program Subtotal ►							\$ -	◄ 90% Federal + 10% Non-Federal

2017 Cape Cod MPO Transportation Improvement Program

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
► Statewide Infrastructure Program										
AMENDMENT-Add Funding Source	606707	Cape Cod	Dennis	DENNIS- CORRIDOR AND STREETSCAPE IMPROVEMENTS ON MAIN STREET (ROUTE 28) FROM DENNIS COMMONS DRIVE TO UPPER COUNTY ROAD.	5	STP	\$ 1,419,253	\$ 1,135,402	\$ 283,851	Total programmed = \$7,016,265 = \$458,514 HSIP + \$647,393 CMAQ \$193,036 TAP + \$4,298,069 STP + \$1,419,253 Statewide STP. CMAQ analysis completed. RSA completed. Municipality is proponent. Score = 79.
Statewide Infrastructure Program Subtotal ►							\$ 1,419,253	\$ 1,135,402	\$ 283,851	◄ 80% Federal + 20% Non-Federal
► Statewide Interstate Maintenance Program										
No Projects Programmed							\$ -	\$ -	\$ -	
Statewide Interstate Maintenance Program Subtotal ►							\$ -	\$ -	\$ -	◄ 90% Federal + 10% Non-Federal
► Statewide Intelligent Transportation Systems										
No Projects Programmed							\$ -	\$ -	\$ -	
Statewide ITS Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► Statewide National Freight Program										
No Projects Programmed							\$ -	\$ -	\$ -	
Statewide National Freight Program Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► Statewide National Highway System Preservation Program										
	608201	CAPE COD	MULTIPLE	HARWICH- BREWSTER- ORLEANS- RESURFACING AND RELATED WORK ON ROUTE 6	5	NHPP	\$ 9,318,531	\$ 7,454,825	\$ 1,863,706	Total programmed = \$10,405,837 = \$9,318,53 NHPP/NHS + \$865,801 STP/TE (Statewide Stormwater Retrofits) + \$221,505 NFA (Non Federal Aid). Score = 48.
Statewide NHS Preservation Program Subtotal ►							\$ 9,318,531	\$ 7,454,825	\$ 1,863,706	◄ 80% Federal + 20% Non-Federal
► Statewide Planning Program										
No Projects Programmed							\$ -	\$ -	\$ -	
Statewide Planning Program Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► Statewide Railroad Grade Crossings										
No Projects Programmed							\$ -	\$ -	\$ -	
Statewide RR Grade Crossings Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► Statewide Safe Routes to Schools Program										
No Projects Programmed							\$ -	\$ -	\$ -	
Statewide Safe Routes to Schools Program Subtotal ►							\$ -	\$ -	\$ -	◄ Funding Split Varies by Funding Source
► Statewide Stormwater Retrofits										
	608201	CAPE COD	MULTIPLE	HARWICH- BREWSTER- ORLEANS- RESURFACING AND RELATED WORK ON ROUTE 6	5	STP-TE	\$ 865,801	\$ 692,641	\$ 173,160	Total programmed = \$10,405,837 = \$9,318,53 NHPP/NHS + \$865,801 STP/TE (Statewide Stormwater Retrofits) + \$221,505 NFA (Non Federal Aid). Score = 48.
Statewide Stormwater Retrofits Subtotal ►							\$ 865,801	\$ 692,641	\$ 173,160	◄ 80% Federal + 20% Non-Federal
► Statewide Transportation Enhancements										
No Projects Programmed							\$ -	\$ -	\$ -	
Statewide Transportation Enhancements Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► Other Statewide Items										
ABP GANS Repayment							\$ -	\$ -	\$ -	
Award Adjustments, Change Orders, Project Value Changes, Etc.							\$ -	\$ -	\$ -	
DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs							\$ -	\$ -	\$ -	
Planning							\$ -	\$ -	\$ -	
Statewide Design and Right of Way							\$ -	\$ -	\$ -	
Statewide Recreational Trails							\$ -	\$ -	\$ -	
Other Statewide Items Subtotal ►							\$ -	\$ -	\$ -	◄ Funding Split Varies by Funding Source

► Section 2A / Non-Federal Projects

► Non Federal Aid

	608201	CAPE COD	MULTIPLE	HARWICH- BREWSTER- ORLEANS- RESURFACING AND RELATED WORK ON ROUTE 6	5	NFA	\$ 221,505	\$ -	\$ 221,505	Total programmed = \$10,405,837 = \$9,318,53 NHPP/NHS + \$865,801 STP/TE (Statewide Stormwater Retrofits) + \$221,505 NFA (Non Federal Aid). Score = 48.
Non-Federal Aid Subtotal ►							\$ 221,505	\$ -	\$ 221,505	◄ 100% Non-Federal

► Section 2B / Non-Federal Bridge Projects

► Section 2B / Non-Federal Bridge Projects

				No Projects Programmed	NFA		\$		\$		
Section 2B / Non-Federal Bridge Projects Subtotal ▶							\$		\$		◀ 100% Non-Federal

2017 Cape Cod MPO TIP Summary

				TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ►				\$ - 20,961,061	\$ 221,505	\$ - 21,182,566	◄ Total Spending in Region
Federal Funds ►				\$ 16,951,793	\$ -	\$ 16,951,793	◄ Total Federal Spending in Region
Non-Federal Funds ►				\$ 4,009,268	\$ 221,505	\$ 4,230,773	◄ Total Non-Federal Spending in Region

701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects / 701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public Works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website: <http://www.massdot.state.ma.us/Highway/flaggers/main.aspx>

2017 Central Mass Region MPO Transportation Improvement Program

CMMPO Endorsed - 8/3/16

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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► Section 1A / Federal Aid Target Projects

► HSIP - Highway Safety Improvement Program

	602740	Central Mass	Shrewsbury	SHREWSBURY - RESURFACING & RELATED WORK ON MAIN STREET, FROM I-290 RAMPS EASTERLY TO MAPLE AVENUE	3	HSIP	\$ 881,000	\$ 792,900	\$ 88,100	Construction / TEC Score = 4.6 / Design Status = 75% / HSIP + STP + TAP + SW CMAQ Total Project Cost = \$6,278,484
HSIP Subtotal ►							\$ 881,000	\$ 792,900	\$ 88,100	◀ 90% Federal + 10% Non-Federal

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

	606206	Central Mass	Oxford	OXFORD - RECONSTRUCTION OF CHARLTON STREET, BETWEEN MAIN STREET AND DUDLEY ROAD	3	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction / TEC Score = 4.6 / Design Status = 75% / CMAQ + STP Total Project Cost = \$5,722,150
CMAQ Subtotal ►							\$ 1,000,000	\$ 800,000	\$ 200,000	◀ 80% Federal + 20% Non-Federal

► TAP - Transportation Alternatives Program

	602740	Central Mass	Shrewsbury	SHREWSBURY - RESURFACING & RELATED WORK ON MAIN STREET, FROM I-290 RAMPS EASTERLY TO MAPLE AVENUE	3	TAP	\$ 984,220	\$ 787,376	\$ 196,844	Construction / TEC Score = 4.6 / Design Status = 75% / HSIP + STP + TAP + SW CMAQ Total Project Cost = \$6,278,484 / Project Propent is Town of Shrewsbury
TAP Subtotal ►							\$ 984,220	\$ 787,376	\$ 196,844	◀ 80% Federal + 20% Non-Federal

► Non-CMAQ/HSIP/TAP (Other)

	602740	Central Mass	Shrewsbury	SHREWSBURY - RESURFACING & RELATED WORK ON MAIN STREET, FROM I-290 RAMPS EASTERLY TO MAPLE AVENUE	3	STP	\$ 2,413,264	\$ 1,930,611	\$ 482,653	Construction / TEC Score = 4.6 / Design Status = 75% / HSIP + STP + TAP + SW CMAQ Total Project Cost = \$6,278,484
	606346	Central Mass	Leicester	LEICESTER - RESURFACING & RELATED WORK ON ROUTE 56 (PAXTON STREET), FROM MAIN STREET TO HYLAND AVENUE	3	STP	\$ 2,959,267	\$ 2,367,414	\$ 591,853	Construction / TEC Score = 3.4 / Design Status = 100% / Total Project Cost = \$2,959,267
	606206	Central Mass	Oxford	OXFORD - RECONSTRUCTION OF CHARLTON STREET, BETWEEN MAIN STREET AND DUDLEY ROAD	3	STP	\$ 4,722,150	\$ 3,777,720	\$ 944,430	Construction / TEC Score = 4.6 / Design Status = 75% / CMAQ + STP Total Project Cost = \$5,722,150
	602991	Central Mass	Spencer	SPENCER - RESURFACING & RELATED WORK ON ROUTE 31 (MAPLE STREET & CHARLTON ROAD)	3	STP	\$ 4,874,060	\$ 3,899,248	\$ 974,812	Construction / TEC Score = 3.3 / Design Status = 25% / Total Project Cost = \$4,874,060
Non-CMAQ/HSIP/TAP (Other) Subtotal ►							\$ 14,968,741	\$ 11,974,993	\$ 2,993,748	◀ 80% Federal + 20% Non-Federal

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 17,833,961	\$ 18,038,539	◀ Total Target	\$ 204,578	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$ 14,968,741	\$ 13,469,640	◀ Max. Non-CMAQ/HSIP/TAP	\$ (1,499,101)	Non-CMAQ/HSIP/TAP (Other) Exceeds Maximum
Total HSIP Programmed ►	\$ 881,000	\$ 869,013	◀ Min. HSIP	\$ (11,987)	HSIP Recommended Met
Total CMAQ Programmed ►	\$ 1,000,000	\$ 2,715,666	◀ Min. CMAQ	\$ 1,715,666	CMAQ Recommended Not Met
Total TAP Programmed ►	\$ 984,220	\$ 984,220	◀ Min. TAP	\$	TAP Recommended Met

Remaining HSIP, CMAQ, and TAP Funds \$ 1,703,679

► Section 1B / Federal Aid Bridge Projects

► Statewide Systematic Maintenance Program

	606075	Central Mass	Oxford	OXFORD - CLEANING AND PAINTING & RELATED WORK, O-06-032 , CUDWORTH ROAD OVER I-395 NORTHBOUND AND SOUTHBOUND; O-06-036, I-395 OVER DANA ROAD & O-06-037, I-395 (SB) OVER FEDERAL HILL ROAD	3	NHPP	\$ 2,906,969	\$ 2,325,575	\$ 581,394	Construction / Design Status = TBD / Total Project Cost = \$2,909,969.20
Statewide Bridge Maintenance Program Subtotal ►							\$ 2,906,969	\$ 2,325,575	\$ 581,394	◀ 80% Federal + 20% Non-Federal

► On System

				No Projects Programmed			\$	\$	\$	
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2017 Central Mass Region MPO Transportation Improvement Program

CMMPO Endorsed - 8/3/16

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
	On System Subtotal ▶						\$	\$	\$	◀ 80% Federal + 20% Non-Federal

► Off-System

	606638	Central Mass	Sutton	SUTTON - BRIDGE REPLACEMENT, S-33-005, BLACKSTONE STREET OVER BLACKSTONE RIVER	3	STP-BR-OFF	\$ -	\$ -	\$ -	856,137	Construction / Design Status = 25% / Total Project Cost = \$4,280,685
Off-System Subtotal ▶							\$ 4,280,685	\$ 3,424,548	\$ 856,137	◀ 80% Federal + 20% Non-Federal	

► Statewide Bridge Inspection Program

				No Projects Programmed			\$	\$	\$	
Statewide Bridge Inspection Program Subtotal ▶							\$	\$	\$	◀ 80% Federal + 20% Non-Federal

► Section 1C / Federal Aid Non-Target Projects

► Other Federal Aid

AMENDMENT: Change Additional Information	606434	Central Mass	Worcester	WORCESTER - CENTRAL BUSINESS DISTRICT STREETSCAPE IMPROVEMENTS	3	HPP	\$ 5,125,000	\$ 4,100,000	\$ 1,025,000	Construction / HPP#4266 - MA185 / Design Status = 25% / HPP + SW Infrastructure Total Project Cost = \$9,499,061 / Added \$2,522,046 to SW STP funding
	605674	Central Mass	Sturbridge	STURBRIDGE - GRAND TRUNK TRAIL CONSTRUCTION, FROM ED CALCUTT BRIDGE TO THE INTERSECTION OF RIVER ROAD & FARQUHAR ROAD	3	HPP	\$ 507,500	\$ 406,000	\$ 101,500	Construction / HPP#2439 - MA162 / Design Status = 25% / Total Project Cost = \$507,500
Other Federal Aid Subtotal ▶							\$ 5,632,500	\$ 4,506,000	\$ 1,126,500	◀ Funding Split Varies by Funding Source

► Section 1D / Federal Aid Major & State Category Projects

► Regional Major Infrastructure

				No Projects Programmed			\$	\$	\$	
Regional Major Infrastructure Subtotal ▶							\$	\$	\$	◀ 80% Federal + 20% Non-Federal

► Statewide Americans with Disability Act Implementation Plan

				No Projects Programmed			\$	\$	\$	
Statewide ADA Implementation Plan Subtotal ▶							\$	\$	\$	◀ 80% Federal + 20% Non-Federal

► Statewide Congestion Mitigation and Air Quality

	602740	Central Mass	Shrewsbury	SHREWSBURY - RESURFACING & RELATED WORK ON MAIN STREET, FROM I-290 RAMP EASTERLY TO MAPLE AVENUE	3	CMAQ	\$ 2,000,000	\$ 1,600,000	\$ 400,000	Construction / TEC Score = 4.6 / Design Status = 75% / HSIP + STP + TAP + SW CMAQ Total Project Cost = \$6,278,484
Statewide CMAQ Subtotal ▶							\$ 2,000,000	\$ 1,600,000	\$ 400,000	◀ 80% Federal + 20% Non-Federal

► Statewide HSIP Program

				No Projects Programmed			\$	\$	\$	
Statewide HSIP Program Subtotal ▶							\$	\$	\$	◀ 90% Federal + 10% Non-Federal

► Statewide Infrastructure Program

AMENDMENT: Increase Cost, AMENDMENT: Change Additional Information	606434	Central Mass	Worcester	WORCESTER - CENTRAL BUSINESS DISTRICT STREETSCAPE IMPROVEMENTS	3	STP	\$ 4,374,061	\$ 3,499,249	\$ 874,812	Construction / HPP#4266 - MA185 / Design Status = 25% / HPP + SW Infrastructure Total Project Cost = \$9,499,061 / Added \$2,522,046 to SW STP funding
	607442	Central Mass	Multiple	NORTHBOROUGH - SHREWSBURY - RECONSTRUCTION ON ROUTE 9 & ROUTE 20 RAMP IMPROVEMENTS	3	STP	\$ 2,265,358	\$ 1,812,286	\$ 453,072	Construction / Design Status = 75% / Total Project Cost = \$2,265,358
Statewide Infrastructure Program Subtotal ▶							\$ 6,639,419	\$ 5,311,535	\$ 1,327,884	◀ 80% Federal + 20% Non-Federal

► Statewide Interstate Maintenance Program

	607562	Central Mass	Multiple	WEBSTER - OXFORD - INTERSTATE MAINTENANCE & RELATED WORK ON I-395	3	NHPP	\$ 2,131,000	\$ 1,917,900	\$ 213,100	Construction / Design Status = TBD / IM + Stormwater Total Project Cost = \$2,331,000
Statewide Interstate Maintenance Program Subtotal ▶							\$ 2,131,000	\$ 1,917,900	\$ 213,100	◀ 90% Federal + 10% Non-Federal

2017 Central Mass Region MPO Transportation Improvement Program

CMMPO Endorsed - 8/3/16

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
► Statewide Intelligent Transportation Systems										
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ITS Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► Statewide National Freight Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide National Freight Program Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► Statewide National Highway System Preservation Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide NHS Preservation Program Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► Statewide Planning Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Planning Program Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► Statewide Railroad Grade Crossings										
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide RR Grade Crossings Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► Statewide Safe Routes to Schools Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Safe Routes to Schools Program Subtotal ►							\$ -	\$ -	\$ -	◄ Funding Split Varies by Funding Source
► Statewide Stormwater Retrofits										
	607562	Central Mass	Multiple	WEBSTER - OXFORD - INTERSTATE MAINTENANCE & RELATED WORK ON I-395	3	STP-TE	\$ - 200,000	\$ - 160,000	\$ - 40,000	Construction / Design Status = TBD / IM + Stormwater Total Project Cost = \$2,331,000
Statewide Stormwater Retrofits Subtotal ►							\$ - 200,000	\$ - 160,000	\$ - 40,000	◄ 80% Federal + 20% Non-Federal
► Statewide Transportation Enhancements										
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Transportation Enhancements Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► Other Statewide Items										
				ABP GANS Repayment			\$ - -	\$ - -	\$ - -	
				Award Adjustments, Change Orders, Project Value Changes, Etc.			\$ -	\$ -	\$ -	
				DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs			\$ -	\$ -	\$ -	
				Planning			\$ -	\$ -	\$ -	
				Statewide Design and Right of Way			\$ -	\$ -	\$ -	
				Statewide Recreational Trails			\$ -	\$ -	\$ -	
Other Statewide Items Subtotal ►							\$ -	\$ -	\$ -	◄ Funding Split Varies by Funding Source
► Section 2A / Non-Federal Projects										
► Non Federal Aid										
				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
Non-Federal Aid Subtotal ►							\$ -	\$ -	\$ -	◄ 100% Non-Federal
► Section 2B / Non-Federal Bridge Projects										
► Section 2B / Non-Federal Bridge Projects										
				No Projects Programmed			\$ -	\$ -	\$ -	
Section 2B / Non-Federal Bridge Projects Subtotal ►							\$ -	\$ -	\$ -	◄ 100% Non-Federal

2017 Central Mass Region MPO TIP Summary

TIP Section 1: ▼
TIP Section 2: ▼
Total of All Projects ▼

2017 Central Mass Region MPO Transportation Improvement Program

CMMPO Endorsed - 8/3/16

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
						Total ▶	\$ 41,624,534	\$ -	\$ 41,624,534	◀ Total Spending in Region
						Federal Funds ▶	\$ 33,600,827	\$	\$ 33,600,827	◀ Total Federal Spending in Region
						Non-Federal Funds ▶	\$ 8,023,707	\$ -	\$ 8,023,707	◀ Total Non-Federal Spending in Region

701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects / 701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website: <http://www.massdot.state.ma.us/Highway/flaggers/main.aspx>

2017 FRANKLIN TPO Transportation Improvement Program

Amendment #1
Final 3/28/17

Adjustment #1
FINAL 4/25/17

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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► Section 1A / Federal Aid Target Projects

► HSIP - Highway Safety Improvement Program

		No Projects Programmed			\$ -	\$ -	\$ -	
HSIP Subtotal ►					\$ -	\$ -	\$ -	◄ 90% Federal + 10% Non-Federal

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

		No Projects Programmed			\$ -	\$ -	\$ -	
CMAQ Subtotal ►					\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal

► TAP - Transportation Alternatives Program

		No Projects Programmed			\$ -	\$ -	\$ -	Region did not receive any TAP fund allocation
TAP Subtotal ►					\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal

► Non-CMAQ/HSIP/TAP (Other)

	602316	BUCKLAND- CHARLEMONT- RESURFACING & RELATED WORK ON ROUTE 2, FROM MM 27.41 (R.R. BRIDGE) TO MM 37.39 (BUCKLAND/SHELBURNE T.L.) EXCLUDING MM 29.5 TO MM 30.75 (VILLAGE CENTER)	1	STP	\$ 5,271,878	\$ 4,217,502	\$ 1,054,376	Construction Phase. Design status = PS&E. TEC = 5.8. This project will be funded with a combination of STP and Statewide NHPP. Total project cost estimate \$8,599,867.
Non-CMAQ/HSIP/TAP (Other) Subtotal ►					\$ 5,271,878	\$ 4,217,502	\$ 1,054,376	◄ 80% Federal + 20% Non-Federal

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 5,271,878	\$ 5,271,878	◄ Total Target	\$ -	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$ 5,271,878	\$ 4,224,233	◄ Max. Non-CMAQ/HSIP/TAP	\$ (1,047,645)	Non-CMAQ/HSIP/TAP (Other) Exceeds Maximum
Total HSIP Programmed ►	\$ -	\$ 253,975	◄ Min. HSIP	\$ 253,975	HSIP Recommended Not Met
Total CMAQ Programmed ►	\$ -	\$ 793,671	◄ Min. CMAQ	\$ 793,671	CMAQ Recommended Not Met
Total TAP Programmed ►	\$ -	\$ -	◄ Min. TAP	\$ -	TAP Recommended Met

Remaining HSIP, CMAQ, and TAP Funds \$ 1,047,646

► Section 1B / Federal Aid Bridge Projects

► Statewide Systematic Maintenance Program

	608311	BUCKLAND- BRIDGE MAINTENANCE, B-28-003, ROUTE 112 OVER ROUTE 2 AND PAN AM RAILROAD	1	NHPP	\$ 642,450	\$ 513,960	\$ 128,490	Construction Phase. Design Status - PS&E. Cost increased from \$309,000 to \$642,450.
Statewide Bridge Maintenance Program Subtotal ►					\$ 642,450	\$ 513,960	\$ 128,490	◄ 80% Federal + 20% Non-Federal

► On System

	607671	HEATH- BRIDGE REPLACEMENT, H-14-001, SR 8A (JACKSONVILLE STREET) OVER MILL BROOK	1	NHPP	\$ 1,341,545	\$ 1,073,236	\$ 268,309	Construction Phase. Design Status - 25%.
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2017 FRANKLIN TPO Transportation Improvement Program

Amendment #1
Final 3/28/17

Adjustment #1
FINAL 4/25/17

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
				On System Subtotal ►	\$ 1,341,545	\$ 1,073,236	\$ 268,309	◄ 80% Federal + 20% Non-Federal

► Off-System

	607584	COLRAIN- BRIDGE REPLACEMENT, C-18-020, HEATH ROAD OVER WEST BRANCH NORTH RIVER	1	STP-BR-OFF	\$ 1,717,779	\$ 1,374,223	\$ 343,556	Construction Phase. Design status - 100%. Cost decreased from \$2,800,000 to \$1,717,779.
	607527	ORANGE- BRIDGE REPLACEMENT, O-03-009, HOLTSHIRE ROAD OVER MILLERS RIVER	2	STP-BR-OFF	\$ 5,836,443	\$ 4,669,154	\$ 1,167,289	Construction Phase. Design status - 100%. Cost increased from \$5,149,871 to \$5,836,443.
	607548	SHELBURNE- BRIDGE REPLACEMENT, S-11-006, BARDWELL FERRY ROAD OVER DRAGON BROOK	1	STP-BR-OFF	\$ 2,316,200	\$ 1,852,960	\$ 463,240	Construction Phase. Design status - preliminary.
				Off-System Subtotal ►	\$ 9,870,422	\$ 7,896,338	\$ 1,974,084	◄ 80% Federal + 20% Non-Federal

► Section 1C / Federal Aid Non-Target Projects

► Other Federal Aid

		No Projects Programmed				\$ -	\$ -	
		No Projects Programmed			\$ -	\$ -	\$ -	
				Other Federal Aid Subtotal ►	\$ -	\$ -	\$ -	◄ Funding Split Varies by Funding Source

► Section 1D / Federal Aid Major & State Category Projects

► Regional Major Infrastructure

		No Projects Programmed			\$ -	\$ -	\$ -	
		No Projects Programmed			\$ -	\$ -	\$ -	
				Regional Major Infrastructure Subtotal ►	\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal

► Statewide Americans with Disability Act Implementation Plan

		No Projects Programmed			\$ -	\$ -	\$ -	
		No Projects Programmed			\$ -	\$ -	\$ -	
				Statewide ADA Implementation Plan Subtotal ►	\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal

► Statewide Congestion Mitigation and Air Quality

		No Projects Programmed			\$ -	\$ -	\$ -	
		No Projects Programmed			\$ -	\$ -	\$ -	
				Statewide CMAQ Subtotal ►	\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal

► Statewide HSIP Program

		No Projects Programmed			\$ -	\$ -	\$ -	
		No Projects Programmed			\$ -	\$ -	\$ -	
				Statewide HSIP Program Subtotal ►	\$ -	\$ -	\$ -	◄ 90% Federal + 10% Non-Federal

2017 FRANKLIN TPO Transportation Improvement Program

Amendment #1
Final 3/28/17

Adjustment #1
FINAL 4/25/17

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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► Statewide Infrastructure Program

		No Projects Programmed			\$ -	\$ -	\$ -	
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Infrastructure Program Subtotal ►					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide Interstate Maintenance Program

		No Projects Programmed			\$ -	\$ -	\$ -	
AMENDMEN T: Move Project - (FROM 2019)	607182	DEERFIELD- BERNARDSTON- GREENFIELD- INTERSTATE MAINTENANCE & RELATED WORK ON ROUTE I-91	2	NHPP	\$ 16,545,156	\$ 16,081,892	\$ 1,786,877	Construction Phase. Design Status = PS&E. Moving project from FFY2019 to FFY2017
Statewide Interstate Maintenance Program Subtotal ►					\$ 16,545,156	\$ 16,081,892	\$ 1,786,877	◀ 90% Federal + 10% Non-Federal

► Statewide Intelligent Transportation Systems

		No Projects Programmed			\$ -	\$ -	\$ -	
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ITS Subtotal ►					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide National Freight Program

		No Projects Programmed			\$ -	\$ -	\$ -	
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide National Freight Program Subtotal ►					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide National Highway System Preservation Program

	602316	BUCKLAND- CHARLEMONT- RESURFACING & RELATED WORK ON ROUTE 2, FROM MM 27.41 (R.R. BRIDGE) TO MM 37.39 (BUCKLAND/SHELBURNE T.L.) EXCLUDING MM 29.5 TO MM 30.75 (VILLAGE CENTER)	1	NHPP	\$ 3,327,989	\$ 2,662,391	\$ 665,598	Construction Phase. Design status = PS&E. TEC = 5.8. This project will be funded with a combination of STP and Statewide NHPP. Total project cost estimate \$8,599,867.
Statewide NHS Preservation Program Subtotal ►					\$ 3,327,989	\$ 2,662,391	\$ 665,598	◀ 80% Federal + 20% Non-Federal

► Statewide Planning Program

		No Projects Programmed			\$ -	\$ -	\$ -	
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Planning Program Subtotal ►					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide Railroad Grade Crossings

		No Projects Programmed			\$ -	\$ -	\$ -	
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide RR Grade Crossings Subtotal ►					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide Safe Routes to Schools Program

2017 FRANKLIN TPO Transportation Improvement Program

Amendment #1
Final 3/28/17

Adjustment #1
FINAL 4/25/17

Amendment/ Adjustment Type ▼	MassDOT Project ID ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
		No Projects Programmed			\$ -	\$ -	\$ -	
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Safe Routes to Schools Program Subtotal ►					\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

► Statewide Stormwater Retrofits

		No Projects Programmed			\$ -	\$ -	\$ -	
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Stormwater Retrofits Subtotal ►					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide Transportation Enhancements

		No Projects Programmed			\$ -	\$ -	\$ -	
		No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Transportation Enhancements Subtotal ►					\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Other Statewide Items

		ABP GANS Repayment			\$ -	\$ -	\$ -	
		Award Adjustments, Change Orders, Project Value Changes, Etc.			\$ -	\$ -	\$ -	
		DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs			\$ -	\$ -	\$ -	
		Planning			\$ -	\$ -	\$ -	
		Statewide Design and Right of Way			\$ -	\$ -	\$ -	
		Statewide Recreational Trails			\$ -	\$ -	\$ -	
Other Statewide Items Subtotal ►					\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

► Section 2A / Non-Federal Projects

► Non Federal Aid

		No Projects Programmed		NFA	\$ -		\$ -	
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► Section 2B / Non-Federal Bridge Projects

► Section 2B / Non-Federal Bridge Projects

		No Projects Programmed		NFA	\$ -		\$ -	
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2017 FRANKLIN TPO TIP Summary

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ►	\$ 38,323,052	\$ -	\$ 38,323,052	◀ Total Spending in Region
Federal Funds ►	\$ 32,445,319		\$ 32,445,319	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 5,877,734	\$ -	\$ 5,877,734	◀ Total Non-Federal Spending in Region

2017 Merrimack Valley Region MPO Transportation Improvement Program

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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► Section 1A / Federal Aid Target Projects

► HSIP - Highway Safety Improvement Program

	608261	Merrimack Valley	Lawrence	LAWRENCE - INTERSECTION IMPROVEMENTS AT MARSTON STREET & FERRY STREET / COMMONWEALTH DRIVE	4	HSIP	\$ 442,956	\$ 398,660	\$ 44,296	Total Project Cost = \$1,350,694. FY 2017 HSIP & STP (Construction) TEC = 7.75 out of 18. (C)
							\$ -	\$ -	\$ -	
HSIP Subtotal ►							\$ 442,956	\$ 398,660	\$ 44,296	◄ 90% Federal + 10% Non-Federal

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

	607573	Merrimack Valley	Haverhill	HAVERHILL - RECONSTRUCTION ON ROUTE 97 (BROADWAY). FROM SILVER BIRCH LANE TO RESEARCH DRIVE	4	CMAQ	\$ 738,397	\$ 590,718	\$ 147,679	Total Project Cost = \$6,526,912. FY 2017 STP & CMAQ (Construction) TEC = 7.25 out of 18. (C)
	604585	Merrimack Valley	N/A	FLEX TO FTA FOR MVRTA NEW BUS UPGRADE TO CLEANER FUEL BUSES	4	CMAQ	\$ 645,840	\$ 516,672	\$ 129,168	Total Project Cost = \$645,840 Transfer to FTA (C)
CMAQ Subtotal ►							\$ 1,384,237	\$ 1,107,390	\$ 276,847	◄ 80% Federal + 20% Non-Federal

► TAP - Transportation Alternatives Program

	606669	Merrimack Valley	Amesbury	AMESBURY - POWWOW RIVERWALK CONSTRUCTION	4	TAP	\$ 344,036	\$ 275,229	\$ 68,807	Total Project Cost = \$671,207. FY 2017 STP + TAP (Construction) TEC = 3.40 out of 18 (C) Project Proponent = City of Amesbury
TAP Subtotal ►							\$ 344,036	\$ 275,229	\$ 68,807	◄ 80% Federal + 20% Non-Federal

► Non-CMAQ/HSIP/TAP (Other)

	606669	Merrimack Valley	Amesbury	AMESBURY - POWWOW RIVERWALK CONSTRUCTION	4	STP	\$ 327,171	\$ 261,737	\$ 65,434	Total Project Cost = \$671,207. FY 2017 STP + TAP (Construction) TEC = 3.40 out of 18 (C) Project Proponent = City of Amesbury
	608261	Merrimack Valley	Lawrence	LAWRENCE - INTERSECTION IMPROVEMENTS AT MARSTON STREET & FERRY STREET / COMMONWEALTH DRIVE	4	STP	\$ 907,738	\$ 726,190	\$ 181,548	Total Project Cost = \$1,350,694. FY 2017 HSIP & STP (Construction) TEC = 7.75 out of 18. (C)
	607573	Merrimack Valley	Haverhill	HAVERHILL - RECONSTRUCTION ON ROUTE 97 (BROADWAY). FROM SILVER BIRCH LANE TO RESEARCH DRIVE	4	STP	\$ 5,788,515	\$ 4,630,812	\$ 1,157,703	Total Project Cost = \$6,526,912. FY 2017 STP & CMAQ (Construction) TEC = 7.25 out of 18. (C)
Non-CMAQ/HSIP/TAP (Other) Subtotal ►							\$ 7,023,424	\$ 5,618,739	\$ 1,404,685	◄ 80% Federal + 20% Non-Federal

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 9,194,653	\$ 9,194,653	◄ Total Target	\$	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$ 7,023,424	\$ 7,023,424	◄ Max. Non-CMAQ/HSIP/TAP	\$ -	Non-CMAQ/HSIP/TAP (Other) Available
Total HSIP Programmed ►	\$ 442,956	\$ 442,956	◄ Min. HSIP	\$ -	HSIP Recommended Met
Total CMAQ Programmed ►	\$ 1,384,237	\$ 1,384,237	◄ Min. CMAQ	\$ -	CMAQ Recommended Met
Total TAP Programmed ►	\$ 344,036	\$ 344,036	◄ Min. TAP	\$ -	TAP Recommended Met

Remaining HSIP, CMAQ, and TAP Funds \$ -

2017 Merrimack Valley Region MPO Transportation Improvement Program

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
► Section 1B / Federal Aid Bridge Projects										
► Statewide Systematic Maintenance Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Maintenance Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► On System										
AMENDMENT-Remove Project	605306	Merrimack Valley	Haverhill	HAVERHILL- SUPERSTRUCTURE REPLACEMENT, I-12-039, I-495 (NB & SB) OVER MERRIMACK RIVER	4	NHPP	\$ 12,000,000	\$ 9,600,000	\$ 2,400,000	April 2017 Draft Amendment # 1 to remove this project from the three (17, 18 and 19) years AC'd of the 17 to 21 TIP. It is being reprogrammed in 18 to 22 TIP.
On System Subtotal ►							\$ 12,000,000	\$ 9,600,000	\$ 2,400,000	◀ 80% Federal + 20% Non-Federal
► Off-System										
				No Projects Programmed			\$ -	\$ -	\$ -	
Off-System Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Statewide Bridge Inspection Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Inspection Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Section 1C / Federal Aid Non-Target Projects										
► Other Federal Aid										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Other Federal Aid Subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
► Section 1D / Federal Aid Major & State Category Projects										
► Regional Major Infrastructure										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Regional Major Infrastructure Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Statewide Americans with Disability Act Implementation Plan										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ADA Implementation Plan Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Statewide Congestion Mitigation and Air Quality										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide CMAQ Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
► Statewide HSIP Program										
AMENDMENT-Move Project - (FROM 2019), AMENDMENT-Decrease Cost	608187	Merrimack Valley	Multiple	HAVERHILL- MERRIMACK- AMESBURY- TRAFFIC & GUIDE SIGN REPLACEMENT ON A SECTION OF I-495	4	HSIP	\$ 4,451,342	\$ 4,006,208	\$ 445,134	April 2017 Draft Amendment #2 to move project from FY 2019 to FY 2017 and change Total Project Cost from \$4,807,449 to \$4,451,342 (Construction) (M)
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide HSIP Program Subtotal ►							\$ 4,451,342	\$ 4,006,208	\$ 445,134	◀ 90% Federal + 10% Non-Federal
► Statewide Infrastructure Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	

2017 Merrimack Valley Region MPO Transportation Improvement Program

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
Statewide Infrastructure Program Subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide Interstate Maintenance Program										
	607561	Merrimack Valley	Multiple	ANDOVER- METHUEN- INTERSTATE MAINTENANCE & RELATED WORK ON I-93	4	NHPP	\$ 13,197,364	\$ 11,877,628	\$ 1,319,736	Total Cost Project Cost = \$13,932,707 = IM + Stormwater Funding. (Construction) (M)
Statewide Interstate Maintenance Program Subtotal ▶							\$ 13,197,364	\$ 11,877,628	\$ 1,319,736	◀ 90% Federal + 10% Non-Federal
▶ Statewide Intelligent Transportation Systems										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ITS Subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide National Freight Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide National Freight Program Subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide National Highway System Preservation Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide NHS Preservation Program Subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide Planning Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Planning Program Subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide Railroad Grade Crossings										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide RR Grade Crossings Subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide Safe Routes to Schools Program										
	608002	Merrimack Valley	Lawrence	LAWRENCE- SAFE ROUTES TO SCHOOL (BRUCE ELEMENTARY)	4	TAP	\$ 2,016,148	\$ 1,612,918	\$ 403,230	Total Project Cost = \$2,016,148 (Construction) (C) Project Proponent City of Lawrence
Statewide Safe Routes to Schools Program Subtotal ▶							\$ 2,016,148	\$ 1,612,918	\$ 403,230	◀ Funding Split Varies by Funding Source
▶ Statewide Stormwater Retrofits										
	607561	Merrimack Valley	Multiple	ANDOVER- METHUEN- INTERSTATE MAINTENANCE & RELATED WORK ON I-93	4	STP-TE	\$ 735,343	\$ 588,274	\$ 147,069	Total Cost Project Cost = \$13,932,707 = IM + Stormwater Funding. (Construction) (M)
Statewide Stormwater Retrofits Subtotal ▶							\$ 735,343	\$ 588,274	\$ 147,069	◀ 80% Federal + 20% Non-Federal
▶ Statewide Transportation Enhancements										
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Transportation Enhancements Subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Other Statewide Items										
				ABP GANS Repayment			\$ -	\$ -	\$ -	
				Award Adjustments, Change Orders, Project Value Changes, Etc.			\$ -	\$ -	\$ -	
				DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs			\$ -	\$ -	\$ -	
				Planning			\$ -	\$ -	\$ -	
				Statewide Design and Right of Way			\$ -	\$ -	\$ -	
				Statewide Recreational Trails			\$ -	\$ -	\$ -	
Other Statewide Items Subtotal ▶							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
▶ Section 2A / Non-Federal Projects										
▶ Non Federal Aid										
				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
Non-Federal Aid Subtotal ▶							\$ -	\$ -	\$ -	◀ 100% Non-Federal

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Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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► Section 2B / Non-Federal Bridge Projects

► Section 2B / Non-Federal Bridge Projects				No Projects Programmed		NFA	\$ -		\$ -	
Section 2B / Non-Federal Bridge Projects Subtotal►							\$ -		\$ -	◄100% Non-Federal

2017 Merrimack Valley Region MPO TIP Summary

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ►	\$ 41,594,850	\$ -	\$ 41,594,850	◄ Total Spending in Region
Federal Funds ►	\$ 35,085,046		\$ 35,085,046	◄ Total Federal Spending in Region
Non-Federal Funds ►	\$ 6,509,804	\$ -	\$ 6,509,804	◄ Total Non-Federal Spending in Region

701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects / 701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website: <http://www.massdot.state.ma.us/Highway/flaggers/main.aspx>

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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► Section 1A / Federal Aid Target Projects

► HSIP - Highway Safety Improvement Program

	606159	Merrimack Valley	North Andover	NORTH ANDOVER- INTERSECTION & SIGNAL IMPROVEMENTS AT ROUTE 125 & MASSACHUSETTS AVENUE	4	HSIP	\$ 442,956	\$ 398,660	\$ 44,296	Total Project Cost = \$3,785,640 inflated 4% from 2017 cost of 3,640,038. FY 2018 STP + HSIP + Sect 1C Demo ID MA 175 Earmark (Construction) TEC = 7.7 out of 18. (C)
HSIP Subtotal ►							\$ 442,956	\$ 398,660	\$ 44,296	◀ 90% Federal + 10% Non-Federal

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

	605020	Merrimack Valley	Salisbury	SALISBURY - MULTI-USE TRAIL EXTENSION (BORDERS TO BOSTON TRAIL), INCLUDES NEW BRIDGE S-02-004	4	CMAQ	\$ 5,304,302	\$ 4,243,442	\$ 1,060,860	Total Project Cost = \$6,155,240 cost inflated 4% from 2017 cost of \$5,918,500. FY 2018 CMAQ + TAP + SW CMAQ (Construction) TEC = 6.08 out of 18. (C) Project Proponent is the Town of Salisbury
CMAQ Subtotal ►							\$ 5,304,302	\$ 4,243,442	\$ 1,060,860	◀ 80% Federal + 20% Non-Federal

► TAP - Transportation Alternatives Program

	605020	Merrimack Valley	Salisbury	SALISBURY - MULTI-USE TRAIL EXTENSION (BORDERS TO BOSTON TRAIL), INCLUDES NEW BRIDGE S-02-004	4	TAP	\$ 350,938	\$ 280,750	\$ 70,188	Total Project Cost = \$6,155,240 cost inflated 4% from 2017 cost of \$5,918,500. FY 2018 CMAQ + TAP + SW CMAQ (Construction) TEC = 6.08 out of 18. (C) Project Proponent is the Town of Salisbury
TAP Subtotal ►							\$ 350,938	\$ 280,750	\$ 70,188	◀ 80% Federal + 20% Non-Federal

► Non-CMAQ/HSIP/TAP (Other)

	606159	Merrimack Valley	North Andover	NORTH ANDOVER- INTERSECTION & SIGNAL IMPROVEMENTS AT ROUTE 125 & MASSACHUSETTS AVENUE	4	STP	\$ 3,317,290	\$ 2,653,832	\$ 663,458	Total Project Cost = \$3,785,640 inflated 4% from 2017 cost of 3,640,038. FY 2018 STP + HSIP + Sect 1C Demo ID MA 175 Earmark (Construction) TEC = 7.7 out of 18. (C)
Non-CMAQ/HSIP/TAP (Other) Subtotal ►							\$ 3,317,290	\$ 2,653,832	\$ 663,458	◀ 80% Federal + 20% Non-Federal

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 9,415,486	\$ 9,549,018	◀ Total Target	\$ 133,532	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$ 3,317,290	\$ 7,647,735	◀ Max. Non-CMAQ/HSIP/TAP	\$ 133,532	Non-CMAQ/HSIP/TAP (Other) Available
Total HSIP Programmed ►	\$ 442,956	\$ 442,956	◀ Min. HSIP	\$ -	HSIP Recommended Met
Total CMAQ Programmed ►	\$ 5,304,302	\$ 1,107,389	◀ Min. CMAQ	\$ (4,196,913)	CMAQ Recommended Met
Total TAP Programmed ►	\$ 350,938	\$ 350,938	◀ Min. TAP	\$ -	TAP Recommended Met

HSIP, CMAQ, TAP Overprogrammed \$ (4,196,913)

2018 Merrimack Valley Region MPO Transportation Improvement Program

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
► Section 1B / Federal Aid Bridge Projects										

► Statewide Systematic Maintenance Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Maintenance Program Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal

► On System

AMENDMENT-Remove Project	605306	Merrimack Valley	Haverhill	HAVERHILL- SUPERSTRUCTURE REPLACEMENT, H-12-039, I-495 (NB & SB) OVER MERRIMACK RIVER	4	NHPP	\$ 23,000,000	\$ 18,400,000	\$ 4,600,000	April 2017 Draft Amendment # 1 to remove this project from the three (17, 18 and 19) years AC'd of the 17 to 21 TIP. It is being reprogrammed in 18 to 22 TIP.
On-System Subtotal ►							\$ 23,000,000	\$ 18,400,000	\$ 4,600,000	

► Off-System

				No Projects Programmed			\$ -	\$ -	\$ -	
Off-System Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal

► Statewide Bridge Inspection Program

				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Inspection Program Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal

► Section 1C / Federal Aid Non-Target Projects

► Other Federal Aid

	606159	Merrimack Valley	North Andover	NORTH ANDOVER- INTERSECTION & SIGNAL IMPROVEMENTS AT ROUTE 125 & MASSACHUSETTS AVENUE	4	Other FA	\$ 25,394	\$ 20,315	\$ 5,079	Total Project Cost = \$3,785,640 inflated 4% from 2017 cost of 3,640,038. FY 2018 STP + HSIP + Sect 1C Demo ID MA 175 Earmark (Construction) TEC = 7.7 out of 18. (C)
Other Federal Aid Subtotal ►							\$ 25,394	\$ 20,315	\$ 5,079	◄ Funding Split Varies by Funding Source

► Section 1D / Federal Aid Major & State Category Projects

► Regional Major Infrastructure

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Regional Major Infrastructure Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal

► Statewide Americans with Disability Act Implementation Plan

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ADA Implementation Plan Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal

2018 Merrimack Valley Region MPO Transportation Improvement Program

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
► Statewide Congestion Mitigation and Air Quality										
	607737	Merrimack Valley	Multiple	AMESBURY- SALISBURY- TRAIL CONNECTOR @ I-95	4	CMAQ	\$ 2,677,798	\$ 2,142,238	\$ 535,560	Total Project Cost = \$2,677,798 inflated 4% from 2017 cost. (Construction) TEC = 6.25 out of 18. (C)
	605020	Merrimack Valley	Salisbury	SALISBURY - MULTI-USE TRAIL EXTENSION (BORDERS TO BOSTON TRAIL), INCLUDES NEW BRIDGE S-02-004	4	CMAQ	\$ 500,000	\$ 400,000	\$ 100,000	Total Project Cost = \$6,155,240 cost inflated 4% from 2017 cost of \$5,918,500. FY 2018 CMAQ + TAP + SW CMAQ (Construction) TEC = 6.08 out of 18. (C) Project Proponent is the Town of Salisbury
Statewide CMAQ Subtotal ►							\$ 3,177,798	\$ 2,542,238	\$ 635,560	◄ 80% Federal + 20% Non-Federal
► Statewide HSIP Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide HSIP Program Subtotal ►							\$ -	\$ -	\$ -	◄ 90% Federal + 10% Non-Federal
► Statewide Infrastructure Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Infrastructure Program Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► Statewide Interstate Maintenance Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Interstate Maintenance Program Subtotal ►							\$ -	\$ -	\$ -	◄ 90% Federal + 10% Non-Federal
► Statewide Intelligent Transportation Systems										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ITS Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► Statewide National Freight Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide National Freight Program Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► Statewide National Highway System Preservation Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide NHS Preservation Program Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► Statewide Planning Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Planning Program Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► Statewide Railroad Grade Crossings										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide RR Grade Crossings Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► Statewide Safe Routes to Schools Program										
				No Projects Programmed		SRTS	\$ -	\$ -	\$ -	
				No Projects Programmed		SRTS	\$ -	\$ -	\$ -	
Statewide Safe Routes to Schools Program Subtotal ►							\$ -	\$ -	\$ -	◄ Funding Split Varies by Funding Source
► Statewide Stormwater Retrofits										
				No Projects Programmed			\$ -	\$ -	\$ -	

2018 Merrimack Valley Region MPO Transportation Improvement Program

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
Statewide Stormwater Retrofits Subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide Transportation Enhancements										
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Transportation Enhancements Subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Other Statewide Items										
				ABP GANS Repayment			\$ -	\$ -	\$ -	
				Award Adjustments, Change Orders, Project Value Changes, Etc.			\$ -	\$ -	\$ -	
				DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs			\$ -	\$ -	\$ -	
				Planning			\$ -	\$ -	\$ -	
				Statewide Design and Right of Way			\$ -	\$ -	\$ -	
				Statewide Recreational Trails			\$ -	\$ -	\$ -	
Other Statewide Items Subtotal ▶							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

▶ Section 2A / Non-Federal Projects

▶ Non Federal Aid

				No Projects Programmed		NFA	\$ -	\$ -	
Non-Federal Aid Subtotal ▶							\$ -	\$ -	◀ 100% Non-Federal

▶ Section 2B / Non-Federal Bridge Projects

▶ Section 2B / Non-Federal Bridge Projects

				No Projects Programmed		NFA	\$ -	\$ -	
Section 2B / Non-Federal Bridge Projects Subtotal ▶							\$ -	\$ -	◀ 100% Non-Federal

2018 Merrimack Valley Region MPO TIP Summary

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ▶	\$ 35,618,678	\$ -	\$ 35,618,678	◀ Total Spending in Region
Federal Funds ▶	\$ 28,539,238		\$ 28,539,238	◀ Total Federal Spending in Region
Non-Federal Funds ▶	\$ 7,079,440	\$ -	\$ 7,079,440	◀ Total Non-Federal Spending in Region

701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects / 701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website: <http://www.massdot.state.ma.us/Highway/flaggers/main.aspx>

2019 Merrimack Valley Region MPO Transportation Improvement Program

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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► Section 1A / Federal Aid Target Projects

► HSIP - Highway Safety Improvement Program

				No Projects Programmed				\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
HSIP Subtotal ►							\$ -	\$ -	\$ -	◄ 90% Federal + 10% Non-Federal

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

	MV0001	Merrimack Valley	N/A	FLEX TO FTA FOR MVRTA NEW BUS UPGRADE TO CLEANER FUEL BUSES	4	CMAQ	\$ 698,541	\$ 558,833	\$ 139,708	Total Project Cost = \$698,541 cost inflated 8% from 2017 cost of \$645,840. (C)
	608027	Merrimack Valley	Haverhill	HAVERHILL - BRADFORD RAIL TRAIL EXTENSION, FROM ROUTE 125 TO RAILROAD STREET	4	CMAQ	\$ 408,848	\$ 327,078	\$ 81,770	Total Project Cost = \$1,176,240 cost inflated 8% from 2017 cost of \$1,087,500. FFY 2019 CMAQ + TAP + STP (Construction) TEC = 6.65 out of 18. (C) Project Proponent is the City of Haverhill
CMAQ Subtotal ►							\$ 1,107,389	\$ 885,911	\$ 221,478	◄ 80% Federal + 20% Non-Federal

► TAP - Transportation Alternatives Program

	608027	Merrimack Valley	Haverhill	HAVERHILL - BRADFORD RAIL TRAIL EXTENSION, FROM ROUTE 125 TO RAILROAD STREET	4	TAP	\$ 345,082	\$ 276,066	\$ 69,016	Total Project Cost = \$1,176,240 cost inflated 8% from 2017 cost of \$1,087,500. FFY 2019 CMAQ + TAP + STP (Construction) TEC = 6.65 out of 18. (C) Project Proponent is the City of Haverhill
							\$ -	\$ -	\$ -	
TAP Subtotal ►							\$ 345,082	\$ 276,066	\$ 69,016	◄ 80% Federal + 20% Non-Federal

► Non-CMAQ/HSIP/TAP (Other)

	602418	Merrimack Valley	Amesbury	AMESBURY- RECONSTRUCTION OF ELM STREET	4	STP	\$ 3,337,520	\$ 2,670,016	\$ 667,504	AC Year 1 of 2. \$3,337,520= Sum of Year 1. Total Project Cost = \$9,726,521 cost inflated 8% from 2017 cost of \$8,992,715. FY 2019 STP + 2020 STP (Construction) TEC = 5.98 out of 18. (C)
	605753	Merrimack Valley	Groveland	GROVELAND- RECONSTRUCTION OF ROUTE 97 (SCHOOL STREET) FROM PARKER STREET TO GARDNER STREET	4	STP	\$ 3,893,760	\$ 3,115,008	\$ 778,752	Total Project Cost = \$3,893,760 inflated 8% from 2017 cost of \$3,600,000. (Construction) TEC = 5.1 out of 18. (C)
	608027	Merrimack Valley	Haverhill	HAVERHILL - BRADFORD RAIL TRAIL EXTENSION, FROM ROUTE 125 TO RAILROAD STREET	4	STP	\$ 422,310	\$ 337,848	\$ 84,462	Total Project Cost = \$1,176,240 cost inflated 8% from 2017 cost of \$1,087,500. FFY 2019 CMAQ + TAP + STP (Construction) TEC = 6.65 out of 18. (C) Project Proponent is the City of Haverhill
Non-CMAQ/HSIP/TAP (Other) Subtotal ►							\$ 7,653,590	\$ 6,122,872	\$ 1,530,718	◄ 80% Federal + 20% Non-Federal

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 9,106,061	\$ 9,549,017	◄Total Target	\$ 442,956	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$ 7,653,590	\$ 7,653,590	◄ Max. Non-CMAQ/HSIP/TAP	\$ -	Non-CMAQ/HSIP/TAP (Other) Available
Total HSIP Programmed ►	\$ -	\$ 442,956	◄ Min. HSIP	\$ 442,956	HSIP Recommended Not Met
Total CMAQ Programmed ►	\$ 1,107,389	\$ 1,107,389	◄ Min. CMAQ	\$ -	CMAQ Recommended Met
Total TAP Programmed ►	\$ 345,082	\$ 345,082	◄ Min. TAP	\$ -	TAP Recommended Met

Remaining HSIP, CMAQ, and TAP Funds \$ 442,956

2019 Merrimack Valley Region MPO Transportation Improvement Program

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
► Section 1B / Federal Aid Bridge Projects										
► Statewide Systematic Maintenance Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Maintenance Program Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► On System										
AMENDMENT-Remove Project	605306	Merrimack Valley	Haverhill	HAVERHILL- SUPERSTRUCTURE REPLACEMENT H-12-039 (NB & SB) OVER MERRIMACK RIVER	4	NHPP	\$ 15,772,179	\$ 12,617,743	\$ 3,154,436	April 2017 Draft Amendment # 1 to remove this project from the three (17, 18 and 19) years AC'd of the 17 to 21 TIP. It is being reprogrammed in 18 to 22 TIP.
On System Subtotal ►							\$ 15,772,179	\$ 12,617,743	\$ 3,154,436	◄ 80% Federal + 20% Non-Federal
► Off-System										
				No Projects Programmed			\$ -	\$ -	\$ -	
Off-System Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► Statewide Bridge Inspection Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Inspection Program Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► Section 1C / Federal Aid Non-Target Projects										
► Other Federal Aid										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Other Federal Aid Subtotal ►							\$ -	\$ -	\$ -	◄ Funding Split Varies by Funding Source
► Section 1D / Federal Aid Major & State Category Projects										
► Regional Major Infrastructure										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Regional Major Infrastructure Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► Statewide Americans with Disability Act Implementation Plan										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ADA Implementation Plan Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► Statewide Congestion Mitigation and Air Quality										
	607541	Merrimack Valley	Multiple	GEORGETOWN- BOXFORD- BORDER TO BOSTON TRAIL, FROM GEORGETOWN ROAD TO WEST MAIN STREET (ROUTE 97)	4	CMAQ	\$ 1,874,028	\$ 1,499,222	\$ 374,806	Total Project Cost = \$1,874,028 inflated 8% from 2017 cost. (Construction) TEC = 4.97 out of 18. (C)
Statewide CMAQ Subtotal ►							\$ 1,874,028	\$ 1,499,222	\$ 374,806	◄ 80% Federal + 20% Non-Federal

2019 Merrimack Valley Region MPO Transportation Improvement Program

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
► Statewide HSIP Program										
							\$ -	\$ -	\$ -	
Statewide HSIP Program Subtotal ►							\$ -	\$ -	\$ -	◄ 90% Federal + 10% Non-Federal
► Statewide Infrastructure Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Infrastructure Program Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► Statewide Interstate Maintenance Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Interstate Maintenance Program Subtotal ►							\$ -	\$ -	\$ -	◄ 90% Federal + 10% Non-Federal
► Statewide Intelligent Transportation Systems										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ITS Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► Statewide National Freight Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide National Freight Program Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► Statewide National Highway System Preservation Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide NHS Preservation Program Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► Statewide Planning Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Planning Program Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► Statewide Railroad Grade Crossings										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide RR Grade Crossings Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
► Statewide Safe Routes to Schools Program										
				No Projects Programmed		SRTS	\$ -	\$ -	\$ -	
				No Projects Programmed		SRTS	\$ -	\$ -	\$ -	
Statewide Safe Routes to Schools Program Subtotal ►							\$ -	\$ -	\$ -	◄ Funding Split Varies by Funding Source
► Statewide Stormwater Retrofits										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Stormwater Retrofits Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal

2019 Merrimack Valley Region MPO Transportation Improvement Program

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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► Statewide Transportation Enhancements

				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Transportation Enhancements Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Other Statewide Items

				ABP GANS Repayment			\$ -	\$ -	\$ -	
				Award Adjustments, Change Orders, Project Value Changes, Etc.			\$ -	\$ -	\$ -	
				DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs			\$ -	\$ -	\$ -	
				Planning			\$ -	\$ -	\$ -	
				Statewide Design and Right of Way			\$ -	\$ -	\$ -	
				Statewide Recreational Trails			\$ -	\$ -	\$ -	
Other Statewide Items Subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

► Section 2A / Non-Federal Projects

► Non Federal Aid

				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
Non-Federal Aid Subtotal ►							\$ -	\$ -	\$ -	◀ 100% Non-Federal

► Section 2B / Non-Federal Bridge Projects

► Section 2B / Non-Federal Bridge Projects

				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
Section 2B / Non-Federal Bridge Projects Subtotal ►							\$ -	\$ -	\$ -	◀ 100% Non-Federal

2019 Merrimack Valley Region MPO TIP Summary

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ►	\$ 26,752,268	\$ -	\$ 26,752,268	◀ Total Spending in Region
Federal Funds ►	\$ 21,401,814	\$ -	\$ 21,401,814	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 5,350,454	\$ -	\$ 5,350,454	◀ Total Non-Federal Spending in Region

701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects / 701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website: <http://www.massdot.state.ma.us/Highway/flaggers/main.aspx>

2017 Old Colony Region MPO Transportation Improvement Program

06/21/2016 Draft TIP Released
1/17/2017 TIP Adjustment 1 Released
4/18/2017 TIP Amendment 1 Released
07/26/2016 TIP Endorsed
1/17/2017 TIP Adjustment 1 Approved
XX/XX/2017 TIP Amendment 1 Endorsed

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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► Section 1A / Federal Aid Target Projects

► HSIP - Highway Safety Improvement Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
HSIP Subtotal ►							\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

				No Projects Programmed			\$ -	\$ -	\$ -	
CMAQ Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► TAP - Transportation Alternatives Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
TAP Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Non-CMAQ/HSIP/TAP (Other)

	605038	Old Colony	Plymouth	PLYMOUTH- RECONSTRUCTION OF TAYLOR AVENUE, FROM WHITE HORSE ROAD TO MANOMET POINT ROAD, INCLUDES BRIDGE REPLACEMENT OF P-13-010	5	NHPP	\$ 1,518,000	\$ 1,214,400	\$ 303,600	Adjustment 1: Adjust Project Cost, Adjust Programmed Funds, Adjust Additional Information: \$8,829,256 to \$8,726,143.60; \$1,518,000 Section 1A NHPP + \$7,208,143.60 Section 1A STP; 100% Design; TEC Score is 8.00; Phase is Construction.
	605038	Old Colony	Plymouth	PLYMOUTH- RECONSTRUCTION OF TAYLOR AVENUE, FROM WHITE HORSE ROAD TO MANOMET POINT ROAD, INCLUDES BRIDGE REPLACEMENT OF P-13-010		STP	\$ 7,208,144	\$ 5,766,515	\$ 1,441,629	Adjustment 1: Adjust Project Cost, Adjust Programmed Funds, Adjust Additional Information: \$8,829,256 to \$8,726,143.60; \$1,518,000 Section 1A NHPP + \$7,208,143.60 Section 1A STP; 100% Design; TEC Score is 8.00; Phase is Construction.
Non-CMAQ/HSIP/TAP (Other) Subtotal ►							\$ 8,726,144	\$ 6,980,915	\$ 1,745,229	◀ 80% Federal + 20% Non-Federal

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 7,301,286	\$ 9,464,473	◀ Total Target	\$ 2,163,187	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$ 8,726,144	\$ 7,246,397	◀ Max. Non-CMAQ/HSIP/TAP	\$ (1,479,747)	Non-CMAQ/HSIP/TAP (Other) Exceeds Maximum
Total HSIP Programmed ►	\$ -	\$ 455,954	◀ Min. HSIP	\$ 455,954	HSIP Recommended Not Met
Total CMAQ Programmed ►	\$ (1,424,858)	\$ 1,424,858	◀ Min. CMAQ	\$ 2,849,716	CMAQ Recommended Not Met
Total TAP Programmed ►	\$ -	\$ 337,265	◀ Min. TAP	\$,265	TAP Recommended Not Met

Remaining HSIP, CMAQ, and TAP Funds \$ 3,642,935

337

► Section 1B / Federal Aid Bridge Projects

► Statewide Systematic Maintenance Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Maintenance Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► On System

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	

2017 Old Colony Region MPO Transportation Improvement Program

06/21/2016 Draft TIP Released

1/17/2017 TIP Adjustment 1 Released

4/18/2017 TIP Amendment 1 Released

07/26/2016 TIP Endorsed

1/17/2017 TIP Adjustment 1 Approved

XX/XX/2017 TIP Amendment 1 Endorsed

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
On System Subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Off-System										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Off-System Subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide Bridge Inspection Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Inspection Program Subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Section 1C / Federal Aid Non-Target Projects										
▶ Other Federal Aid										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Other Federal Aid Subtotal ▶							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
▶ Section 1D / Federal Aid Major & State Category Projects										
▶ Regional Major Infrastructure										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Regional Major Infrastructure Subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide Americans with Disability Act Implementation Plan										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ADA Implementation Plan Subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide Congestion Mitigation and Air Quality										
				No Projects Programmed				\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide CMAQ Subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide HSIP Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide HSIP Program Subtotal ▶							\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
▶ Statewide Infrastructure Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Infrastructure Program Subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide Interstate Maintenance Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Interstate Maintenance Program Subtotal ▶							\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal
▶ Statewide Intelligent Transportation Systems										
				No Projects Programmed			\$ -	\$ -	\$ -	

2017 Old Colony Region MPO Transportation Improvement Program

06/21/2016 Draft TIP Released

1/17/2017 TIP Adjustment 1 Released

4/18/2017 TIP Amendment 1 Released

07/26/2016 TIP Endorsed

1/17/2017 TIP Adjustment 1 Approved

XX/XX/2017 TIP Amendment 1 Endorsed

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ITS Subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide National Freight Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide National Freight Program Subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide National Highway System Preservation Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide NHS Preservation Program Subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide Planning Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Planning Program Subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide Railroad Grade Crossings										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide RR Grade Crossings Subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide Safe Routes to Schools Program										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Safe Routes to Schools Program Subtotal ▶							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
▶ Statewide Stormwater Retrofits										
AMENDMENT: Remove Project	608134	OLD COLONY	BROCKTON	BROCKTON- STORMWATER IMPROVEMENTS ALONG ROUTE 28	5	STP-TE	\$ 101,936	\$ 81,548	\$ 20,387	Amendment 1: Remove Project as it is being deactivated and is being replaced by Marlborough-Sudbury Stormwater Improvements along Route 20 (608217) which will be programmed in Boston MPO's TIP.
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Stormwater Retrofits Subtotal ▶							\$ 101,936	\$ 81,548	\$ 20,387	◀ 80% Federal + 20% Non-Federal
▶ Statewide Transportation Enhancements										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Transportation Enhancements Subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Other Statewide Items										
				ABP GANS Repayment			\$ -	\$ -	\$ -	
				Award Adjustments, Change Orders, Project Value Changes, Etc.			\$ -	\$ -	\$ -	
				DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs			\$ -	\$ -	\$ -	
				Planning			\$ -	\$ -	\$ -	
				Statewide Design and Right of Way			\$ -	\$ -	\$ -	
				Statewide Recreational Trails			\$ -	\$ -	\$ -	
Other Statewide Items Subtotal ▶							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
▶ Section 2A / Non-Federal Projects										
▶ Non Federal Aid										
				No Projects Programmed		NFA	\$ -	\$ -	\$ -	

2017 Old Colony Region MPO Transportation Improvement Program

06/21/2016 Draft TIP Released
1/17/2017 TIP Adjustment 1 Released
4/18/2017 TIP Amendment 1 Released
07/26/2016 TIP Endorsed
1/17/2017 TIP Adjustment 1 Approved
XX/XX/2017 TIP Amendment 1 Endorsed

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
				No Projects Programmed		NFA	\$ -		\$ -	
Non-Federal Aid Subtotal▶							\$ -		\$ -	◀100% Non-Federal

► Section 2B / Non-Federal Bridge Projects

► Section 2B / Non-Federal Bridge Projects

				No Projects Programmed		NFA	\$ -		\$ -	
				No Projects Programmed		NFA	\$ -		\$ -	
Section 2B / Non-Federal Bridge Projects Subtotal▶							\$ -		\$ -	◀100% Non-Federal

2017 Old Colony Region MPO TIP Summary

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ▶	\$ 8,828,079	\$ -	\$ 8,828,079	◀ Total Spending in Region
Federal Funds ▶	\$ 7,062,463	\$ -	\$ 7,062,463	◀ Total Federal Spending in Region
Non-Federal Funds ▶	\$ 1,765,616	\$ -	\$ 1,765,616	◀ Total Non-Federal Spending in Region

701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects / 701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website: <http://www.massdot.state.ma.us/Highway/flaggers/main.aspx>

2017 Pioneer Valley Region MPO Transportation Improvement Program

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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► Section 1A / Federal Aid Target Projects

► HSIP - Highway Safety Improvement Program

	605011	Pioneer Valley	Ludlow	LUDLOW - RECONSTRUCTION OF CENTER STREET (ROUTE 21), FROM 35' WEST OF BEACHSIDE DRIVE WESTERLY TO GAS LINE BESIDE MTA OVERPASS (3,500 FEET)	2	HSIP	\$ 1,080,992	\$ 972,893	\$ 108,099	40 TEC, 25% (YOE \$5,485,350) STP, HSIP
							\$	\$	\$	
HSIP Subtotal ►							\$ 1,080,992	\$ 972,893	\$ 108,099	◀ 90% Federal + 10% Non-Federal

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

	PV0001	Pioneer Valley	Multiple	PIONEER VALLEY REGIONAL BICYCLE SHARE (PHASE 1)	2	CMAQ	\$ 1,343,971	\$ 1,075,177	\$ 268,794	46.5 TEC Score Regional Project CMAQ Increase cost from \$1,171,971
	606903	Pioneer Valley	Holyoke	HOLYOKE- IMPROVEMENTS TO LOWER WESTFIELD ROAD ON I-91 (INTERCHANGE 15)	2	CMAQ	\$ 1,700,004	\$ 1,360,003	\$ 340,001	38.5 TEC Pre 25% (YOE \$1,700,004) STP
CMAQ Subtotal ►							\$ 3,043,975	\$ 2,435,180	\$ 608,795	◀ 80% Federal + 20% Non-Federal

► TAP - Transportation Alternatives Program

	608023	Pioneer Valley	Multiple	AMHERST- HADLEY- SIDEWALK & WHEELCHAIR RAMP CONSTRUCTION ON ROUTE 9	2	TAP	\$ 850,000	\$ 680,000	\$ 170,000	13.5 TEC PSE (YOE \$1,204,050) STP, TAP, Amherst and Hadley
	605011	Pioneer Valley	Ludlow	LUDLOW- RECONSTRUCTION OF CENTER STREET (ROUTE 21), FROM 35' WEST OF BEACHSIDE DRIVE WESTERLY TO GAS LINE BESIDE MTA OVERPASS	2	TAP	\$ 400,000	\$ 320,000	\$ 80,000	40 TEC, 25% (YOE \$5,485,350) STP, HSIP, TAP, Ludlow
TAP Subtotal ►							\$ 1,250,000	\$ 1,000,000	\$ 250,000	◀ 80% Federal + 20% Non-Federal

► Non-CMAQ/HSIP/TAP (Other)

	608023	Pioneer Valley	Amherst	AMHERST- HADLEY- SIDEWALK & WHEELCHAIR RAMP CONSTRUCTION ON ROUTE 9	2	STP	\$ 354,050	\$ 283,240	\$ 70,810	13.5 TEC PSE (YOE \$1,204,050) STP, TAP 75% Waiting on 75% desing, may have cost increase
AMENDMENT-Increase Cost	604033	Pioneer Valley	Southwick	SOUTHWICK- RECONSTRUCTION CONGAMOND ROAD (ROUTE 168), FROM COLLEGE HIGHWAY & ENDS 250 FEET SHORT OF STATE LINE (1.2 MILES)	2	STP	\$ 7,227,498	\$ 5,781,998	\$ 1,445,500	49.5 TEC Score 25% (YOE \$7,227,498) STP Cost Increase from \$7,172,979
	605011	Pioneer Valley	Ludlow	LUDLOW- RECONSTRUCTION OF CENTER STREET (ROUTE 21), FROM SEWALL STREET TO BEACHSIDE DRIVE	2	STP	\$ 4,364,358	\$ 3,491,486	\$ 872,872	40 TEC, 25% (YOE \$5,845,350) STP, HSIP, TAP Cost Increase from \$5,485,350 (STP Increase from \$4,004,358)
	605150	Pioneer Valley	Goshen	GOSHEN- RESURFACING & RELATED WORK ON WEST STREET	1	STP	\$ 4,345,300	\$ 3,476,240	\$ 869,060	(YOE \$4,345,300) 25% Design Public hearing 9/19/16
Non-CMAQ/HSIP/TAP (Other) Subtotal ►							\$ 16,291,206	\$ 13,032,965	\$ 3,258,241	◀ 80% Federal + 20% Non-Federal

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 21,666,173	\$ 22,438,689	◀ Total Target	\$ 772,516	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$ 16,291,206	\$ 16,729,598	◀ Max. Non-CMAQ/HSIP/TAP	\$ 438,392	Non-CMAQ/HSIP/TAP (Other) Available
Total HSIP Programmed ►	\$ 1,080,992	\$ 1,080,992	◀ Min. HSIP	\$	HSIP Recommended Met
Total CMAQ Programmed ►	\$ 3,043,975	\$ 3,378,100	◀ Min. CMAQ	\$ 334,125	CMAQ Recommended Not Met
Total TAP Programmed ►	\$ 1,250,000	\$ 1,250,000	◀ Min. TAP	\$	TAP Recommended Met

Remaining HSIP, CMAQ, and TAP Funds \$ 334,125

► Section 1B / Federal Aid Bridge Projects

► Statewide Systematic Maintenance Program

				No Projects Programmed			\$	\$	\$	
				No Projects Programmed			\$	\$	\$	
Statewide Bridge Maintenance Program Subtotal ▶							\$	\$	\$	◀ 80% Federal + 20% Non-Federal

► On System

-
-
-

2017 Pioneer Valley Region MPO Transportation Improvement Program

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
AMENDMENT: Decrease Cost	605384	Pioneer Valley	Agawam	AGAWAM- WEST SPRINGFIELD- BRIDGE REPLACEMENT, A-05-002=W-21-014, ROUTE 147 OVER THE WESTFIELD RIVER & INTERSECTION & SIGNAL IMPROVEMENTS @ 3 LOCATIONS	2	NHPP	\$ 19,721,716	\$ 15,777,373	\$ 3,944,343	Increase cost from \$23,173,893 to \$29,247,251 and split between on system bridge = \$19,721,716 and Statewide Infrastructure Program = \$9,525,535
							\$	\$	\$	
On System Subtotal ▶							\$ 19,721,716	\$ 15,777,373	\$ 3,944,343	◀ 80% Federal + 20% Non-Federal

► Off-System

AMENDMENT: Increase Cost	607528	Pioneer Valley	Amherst	AMHERST- BRIDGE REPLACEMENT, A-08-008, MILL STREET OVER MILL RIVER	2	STP-BR-OFF	\$ 3,028,770	\$ 2,423,016	\$ 605,754	Increase cost from \$2,075,400
	607549	Pioneer Valley	Chesterfield	CHESTERFIELD- BRIDGE REPLACEMENT, C-12-009, IRELAND STREET OVER WEST BRANCH BRONSON BROOK	1	STP-BR-OFF	\$ 3,341,040	\$ 2,672,832	\$ 668,208	
Off-System Subtotal ▶							\$ 6,369,810	\$ 5,095,848	\$ 1,273,962	◀ 80% Federal + 20% Non-Federal

► Statewide Bridge Inspection Program

				No Projects Programmed			\$	\$	\$	
				No Projects Programmed			\$	\$	\$	
Statewide Bridge Inspection Program Subtotal ▶							\$	\$	\$	◀ 80% Federal + 20% Non-Federal

► Section 1C / Federal Aid Non-Target Projects

► Other Federal Aid

				No Projects Programmed			\$	\$	\$	
				No Projects Programmed			\$	\$	\$	
Other Federal Aid Subtotal ▶							\$	\$	\$	◀ Funding Split Varies by Funding Source

► Section 1D / Federal Aid Major & State Category Projects

► Regional Major Infrastructure

							\$	\$	\$	
Regional Major Infrastructure Subtotal ▶							\$	\$	\$	◀ 80% Federal + 20% Non-Federal

► Statewide Americans with Disability Act Implementation Plan

				No Projects Programmed			\$	\$	\$	
				No Projects Programmed			\$	\$	\$	
Statewide ADA Implementation Plan Subtotal ▶							\$	\$	\$	◀ 80% Federal + 20% Non-Federal

► Statewide Congestion Mitigation and Air Quality

				No Projects Programmed			\$	\$	\$	
				No Projects Programmed			\$	\$	\$	
Statewide CMAQ Subtotal ▶							\$	\$	\$	◀ 80% Federal + 20% Non-Federal

► Statewide HSIP Program

				No Projects Programmed			\$	\$	\$	
				No Projects Programmed			\$	\$	\$	
Statewide HSIP Program Subtotal ▶							\$	\$	\$	◀ 90% Federal + 10% Non-Federal

► Statewide Infrastructure Program

							-	-	-	
							-	-	-	

2017 Pioneer Valley Region MPO Transportation Improvement Program

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
AMENDMENT-Add Funding Source	605384	Pioneer Valley	Multiple	AGAWAM- WEST SPRINGFIELD- BRIDGE REPLACEMENT, A-05-002=W-21-014, ROUTE 147 OVER THE WESTFIELD RIVER & INTERSECTION & SIGNAL IMPROVEMENTS @ 3 LOCATIONS	2	STP	\$ 9,525,535	\$ 7,620,428	\$ 1,905,107	Increase cost from \$23,173,893 to \$29,247,251 and split between on system bridge = \$19,721,716 and Statewide Infrastructure Program = \$9,525,535
				No Projects Programmed			\$ -	\$ -	\$ -	

Statewide Infrastructure Program Subtotal ▶ \$ 9,525,535 \$ 7,620,428 \$ 1,905,107 ◀ 80% Federal + 20% Non-Federal

► Statewide Interstate Maintenance Program

	608211	Pioneer Valley	Multiple	CHICOPEE- SPRINGFIELD- INTERSTATE MAINTENANCE & RELATED WORK ON I-291	2	NHPP	\$ 4,118,400	\$ 3,706,560	\$ 411,840	Advertised 12/31/16 Letting 7/18/17
							\$ -	\$ -	\$ -	

Statewide Interstate Maintenance Program Subtotal ▶ \$ 4,118,400 \$ 3,706,560 \$ 411,840 ◀ 90% Federal + 10% Non-Federal

► Statewide Intelligent Transportation Systems

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	

Statewide ITS Subtotal ▶ \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal

► Statewide National Freight Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	

Statewide National Freight Program Subtotal ▶ \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal

► Statewide National Highway System Preservation Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	

Statewide NHS Preservation Program Subtotal ▶ \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal

► Statewide Planning Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	

Statewide Planning Program Subtotal ▶ \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal

► Statewide Railroad Grade Crossings

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	

Statewide RR Grade Crossings Subtotal ▶ \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal

► Statewide Safe Routes to Schools Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	

Statewide Safe Routes to Schools Program Subtotal ▶ \$ - \$ - \$ - ◀ Funding Split Varies by Funding Source

► Statewide Stormwater Retrofits

	608192	Pioneer Valley	Multiple	AGAWAM- CHICOPEE- HOLYOKE- WEST SPRINGFIELD- STORMWATER IMPROVEMENTS ALONG I-91, I-391, ROUTE 57 AND ROUTE 5	2	STP-TE	\$ 1,276,062	\$ 1,020,850	\$ 255,212	
							\$ -	\$ -	\$ -	

Statewide Stormwater Retrofits Subtotal ▶ \$ 1,276,062 \$ 1,020,850 \$ 255,212 ◀ 80% Federal + 20% Non-Federal

► Statewide Transportation Enhancements

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	

Statewide Transportation Enhancements Subtotal ▶ \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal

► Other Statewide Items

							\$ -	\$ -	\$ -	
							\$ -	\$ -	\$ -	

2017 Pioneer Valley Region MPO Transportation Improvement Program

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
				ABP GANS Repayment			\$ -	\$ -	\$ -	
				Award Adjustments, Change Orders, Project Value Changes, Etc.			\$	\$	\$	
				DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs			\$	\$	\$	
				Planning			\$ -	\$ -	\$ -	
				Statewide Design and Right of Way			\$ -	\$ -	\$ -	
				Statewide Recreational Trails			\$ -	\$ -	\$ -	
Other Statewide Items Subtotal ▶							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

► Section 2A / Non-Federal Projects

► Non Federal Aid

				No Projects Programmed		NFA	\$	\$		
				No Projects Programmed		NFA	\$	\$		
Non-Federal Aid Subtotal ▶							\$	\$	\$	◀ 100% Non-Federal

► Section 2B / Non-Federal Bridge Projects

► Section 2B / Non-Federal Bridge Projects

				No Projects Programmed		NFA	\$	\$	\$ -	
				No Projects Programmed		NFA	\$	\$	\$	
Section 2B / Non-Federal Bridge Projects Subtotal ▶							\$	\$	\$	◀ 100% Non-Federal

2017 Pioneer Valley Region MPO TIP Summary

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ▶	\$ 62,677,696	\$ -	\$ - 62,677,696	◀ Total Spending in Region
Federal Funds ▶	\$ 50,662,096	\$ -	\$ 50,662,096	◀ Total Federal Spending in Region
Non-Federal Funds ▶	\$ 12,015,600	\$ -	\$ 12,015,600	◀ Total Non-Federal Spending in Region

701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects / 701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website: <http://www.massdot.state.ma.us/highway/flaggers/main.aspx>

2017 SRPEDD Region MPO Transportation Improvement Program

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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► Section 1A / Federal Aid Target Projects

► HSIP - Highway Safety Improvement Program

	605372	Southeastern Mass	North Attleborough	NORTH ATTLEBOROUGH - TRAFFIC SIGNAL AND INTERSECTION IMPROVEMENTS @ EAST WASHINGTON STREET (ROUTE 1) & CHESTNUT STREET	5	HSIP	\$ 1,607,851	\$ 1,447,066	\$ 160,785	Total Cost = \$1,607,851; Construction; EC Score 27 of 87; Status 100% Eligible for HSIP Funding
HSIP Subtotal ►							\$ 1,607,851	\$ 1,447,066	\$ 160,785	◄ 90% Federal + 10% Non-Federal

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

	608124	Southeastern Mass	Middleborough	MIDDLEBOROUGH - INTERIM IMPROVEMENTS AT ROUTES 18/28/44 (ROTARY)	5	CMAQ	\$ 1,268,874	\$ 1,015,099	\$ 253,775	Total Cost = \$1,268,874; Construction; EC Score 14 of 87; Status 25/75% Eligible for CMAQ
AMENDMENT: Add Funding Source	608081	Southeastern Mass	Westport	WESTPORT - RESURFACING AND RELATED WORK ALONG ROUTE 88 FROM MILE MARKER 0.0 (BEGINNING OF STATE HIGHWAY) NORTHERLY TO MILE MARKER 1.2, JUST NORTH OF DRIFT ROAD	5	CMAQ	\$ 1,809,121	\$ 1,447,297	\$ 361,824	STP (\$6,826,133) / CMAQ (\$1,809,121) Total Cost = \$8,635,254 ; Construction; EC Score 15 of 87; Status Pre 25%
CMAQ Subtotal ►							\$ 3,077,995	\$ 2,462,396	\$ 615,599	◄ 80% Federal + 20% Non-Federal

► TAP - Transportation Alternatives Program

				No Projects Programmed			\$	\$	\$	
TAP Subtotal ►							\$	\$	\$	◄ 80% Federal + 20% Non-Federal

► Non-CMAQ/HSIP/TAP (Other)

	608080	Southeastern Mass	Westport	WESTPORT - RESURFACING AND RELATED WORK ON ROUTE 88 FROM MILE MARKER 1.2 (JUST NORTH OF DRIFT ROAD) NORTHERLY TO MILE MARKER 7.5, JUST SOUTH OF OLD COUNTY ROAD	5	STP	\$ 5,627,109	\$ 4,501,687	\$ 1,125,422	Total Cost = \$5,627,109; Construction; EC Score 10 of 87; Status 100%
AMENDMENT: Increase Cost	608081	Southeastern Mass	Westport	WESTPORT - RESURFACING AND RELATED WORK ALONG ROUTE 88 FROM MILE MARKER 0.0 (BEGINNING OF STATE HIGHWAY) NORTHERLY TO MILE MARKER 1.2, JUST NORTH OF DRIFT ROAD	5	STP	\$ 6,826,133	\$ 5,460,906	\$ 1,365,227	STP (\$6,826,133) / CMAQ (\$1,809,121) Total Cost = \$8,635,254 ; Construction; EC Score 15 of 87; Status Pre 25%
	608101	Southeastern Mass	New Bedford	NEW BEDFORD - PARK AND RIDE IMPROVEMENTS INCLUDING A NEW BUS SHELTER REPLACEMENT AT THE MOUNT PLEASANT STREET PARK AND RIDE	5	STP	\$ 435,000	\$ 348,000	\$ 87,000	Total Cost = \$435,000; Construction; Status Pre 25%
AMENDMENT: Add Project	608751	Southeastern Mass	Mansfield	MANSFIELD - I-495/ROUTE 140 AND ROUTE 140/SCHOOL STREET TRAFFIC SIGNAL SYSTEM AND PAVEMENT MARKING UPGRADES	5	STP	\$ 500,000	\$ 400,000	\$ 100,000	
Non-CMAQ/HSIP/TAP (Other) Subtotal ►							\$ 13,388,242	\$ 10,710,594	\$ 2,677,648	◄ 80% Federal + 20% Non-Federal

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 18,074,088	\$ 18,598,936	◄ Total Target	\$ 524,848	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$ 13,388,242	\$ 13,955,582	◄ Max. Non-CMAQ/HSIP/TAP	\$ 524,848	Non-CMAQ/HSIP/TAP (Other) Available
Total HSIP Programmed ►	\$ 1,607,851	\$ 896,010	◄ Min. HSIP	\$ (711,841)	HSIP Recommended Met
Total CMAQ Programmed ►	\$ 3,077,995	\$ 2,800,033	◄ Min. CMAQ	\$ (277,962)	CMAQ Recommended Met
Total TAP Programmed ►	\$ -	\$ 947,311	◄ Min. TAP	\$ 947,311	TAP Recommended Not Met

HSIP, CMAQ, TAP Overprogrammed \$ (42,492)

► Section 1B / Federal Aid Bridge Projects

► Statewide Systematic Maintenance Program

				No Projects Programmed			\$	\$	\$	
Statewide Bridge Maintenance Program Subtotal ►							\$	\$	\$	◄ 80% Federal + 20% Non-Federal

2017 SRPEDD Region MPO Transportation Improvement Program

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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► On System										
	605328	SOUTHEASTERN MASS	RAYNHAM	RAYNHAM- BRIDGE REPLACEMENT, R-02-013 (3PA), US 44 (CAPE HIGHWAY) OVER SR 24	5	NHPP	\$ 28,649,286	\$ 22,919,429	\$ 5,729,857	
On System Subtotal ►							\$ 28,649,286	\$ 22,919,429	\$ 5,729,857	◄ 80% Federal + 20% Non-Federal

► Off-System										
AMENDMENT:Increase Cost	602564	SOUTHEASTERN MASS	MULTIPLE	CARVER- MIDDLEBOROUGH- BRIDGE REPLACEMENT, C-04-004=M-18-025, ROCHESTER ROAD OVER WEWEANTIC RIVER	5	STP-BR-OFF	\$ 3,599,962	\$ 2,879,970	\$ 719,992	
Off-System Subtotal ►							\$ 3,599,962	\$ 2,879,970	\$ 719,992	◄ 80% Federal + 20% Non-Federal

► Statewide Bridge Inspection Program										
				No Projects Programmed			\$	\$	\$	
Statewide Bridge Inspection Program Subtotal ►							\$	\$	\$	◄ 80% Federal + 20% Non-Federal

► Section 1C / Federal Aid Non-Target Projects

► Other Federal Aid										
ADJUSTMENT:Change Funding Source	608049	Southeastern Mass	Fall River	FALL RIVER- CORRIDOR IMPROVEMENTS ON ROUTE 79/DAVOL STREET	5	HPP	\$ 2,253,319	\$ 1,802,655	\$ 450,664	DEMO ID MA 164 REPURPOSED EARMARK FOR DESIGN
ADJUSTMENT:Change Funding Source	608049	Southeastern Mass	Fall River	FALL RIVER- CORRIDOR IMPROVEMENTS ON ROUTE 79/DAVOL STREET	5	HPP	\$ 625,922	\$ 500,738	\$ 125,184	DEMO ID MA 189 REPURPOSED EARMARK FOR DESIGN
Other Federal Aid Subtotal ►							\$ 2,879,241	\$ 2,303,393	\$ 575,848	◄ Funding Split Varies by Funding Source

► Section 1D / Federal Aid Major & State Category Projects

► Regional Major Infrastructure										
				No Projects Programmed			\$	\$	\$	
Regional Major Infrastructure Subtotal ►							\$	\$	\$	◄ 80% Federal + 20% Non-Federal

► Statewide Americans with Disability Act Implementation Plan										
				No Projects Programmed			\$ -	\$ -	\$	
Statewide ADA Implementation Plan Subtotal ►							\$ -	\$ -	\$	◄ 80% Federal + 20% Non-Federal

► Statewide Congestion Mitigation and Air Quality										
				No Projects Programmed			\$	\$ -	\$	
Statewide CMAQ Subtotal ►							\$	\$ -	\$	◄ 80% Federal + 20% Non-Federal

► Statewide HSIP Program										
AMENDMENT:Add Project	608740	SOUTHEASTERN MASS	Westport	WESTPORT - GUARD RAIL INSTALLATION ON I-195	5	HSIP	\$ 500,000	\$ 450,000	\$ 50,000	
Statewide HSIP Program Subtotal ►							\$ 500,000	\$ 450,000	\$ 50,000	◄ 90% Federal + 10% Non-Federal

► Statewide Infrastructure Program										
				No Projects Programmed			\$	\$	\$	
Statewide Infrastructure Program Subtotal ►							\$	\$	\$	◄ 80% Federal + 20% Non-Federal

► Statewide Interstate Maintenance Program										
	607563	SOUTHEASTERN MASS	MULTIPLE	WAREHAM- ROCHESTER- MIDDLEBORO- INTERSTATE MAINTENANCE & RELATED WORK ON I-495	5	NHPP	\$ 11,639,758	\$ 10,475,782	\$ 1,163,976	IM + Stormwater = \$12,951,765
Statewide Interstate Maintenance Program Subtotal ►							\$ 11,639,758	\$ 10,475,782	\$ 1,163,976	◄ 90% Federal + 10% Non-Federal

► Statewide Intelligent Transportation Systems										
				No Projects Programmed			\$	\$	\$	
Statewide ITS Subtotal ►							\$	\$	\$	◄ 80% Federal + 20% Non-Federal

► Statewide National Freight Program										
				No Projects Programmed			\$ -	\$ -	\$	
Statewide National Freight Program Subtotal ►							\$ -	\$ -	\$	◄ 80% Federal + 20% Non-Federal

2017 SRPEDD Region MPO Transportation Improvement Program

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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► Statewide National Highway System Preservation Program

	608176	SOUTHEASTERN MASS	MULTIPLE	BERKLEY- FREETOWN- RESURFACING & RELATED WORK ON ROUTE 24	5	NHPP	\$ 7,276,271	\$ 5,821,017	\$ 1,455,254	
Statewide NHS Preservation Program Subtotal ►							\$ 7,276,271	\$ 5,821,017	\$ 1,455,254	◀ 80% Federal + 20% Non-Federal

► Statewide Planning Program

				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Planning Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide Railroad Grade Crossings

				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide RR Grade Crossings Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide Safe Routes to Schools Program

				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Safe Routes to Schools Program Subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

► Statewide Stormwater Retrofits

	607563	SOUTHEASTERN MASS	MULTIPLE	WAREHAM- ROCHESTER- MIDDLEBORO- INTERSTATE MAINTENANCE & RELATED WORK ON I-495	5	STP-TE	\$ - 952,007	\$ - 761,606	\$ 190,401	IM + Stormwater = \$12,951,765
Statewide Stormwater Retrofits Subtotal ►							\$ 952,007	\$ 761,606	\$ 190,401	◀ 80% Federal + 20% Non-Federal

► Statewide Transportation Enhancements

				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Transportation Enhancements Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Other Statewide Items

				ABP GANS Repayment			\$ -	\$ -	\$ -	
				Award Adjustments, Change Orders, Project Value Changes, Etc.			\$ -	\$ -	\$ -	
				DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs			\$ -	\$ -	\$ -	
				Planning			\$ -	\$ -	\$ -	
				Statewide Design and Right of Way			\$ -	\$ -	\$ -	
				Statewide Recreational Trails			\$ -	\$ -	\$ -	
Other Statewide Items Subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

► Section 2A / Non-Federal Projects

► Non Federal Aid

				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
Non-Federal Aid Subtotal ►							\$ -	\$ -	\$ -	◀ 100% Non-Federal

► Section 2B / Non-Federal Bridge Projects

► Section 2B / Non-Federal Bridge Projects

				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
Section 2B / Non-Federal Bridge Projects Subtotal ►							\$ -	\$ -	\$ -	◀ 100% Non-Federal

2017 SRPEDD Region MPO TIP Summary

TIP Section 1: ▼					TIP Section 2: ▼		Total of All Projects ▼	
Total	\$	73,570,613	\$	-	\$	-	73,570,613	◀ Total Spending in Region
Federal Funds	\$	60,231,251	\$	-	\$	-	60,231,251	◀ Total Federal Spending in Region
Non-Federal Funds	\$	13,339,362	\$	-	\$	-	13,339,362	◀ Total Non-Federal Spending in Region

701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects / 701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website: <http://www.massdot.state.ma.us/Highway/flaggers/main.aspx>

2017 Statewide Transportation Improvement Program

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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► Section 1A / Federal Aid Target Projects

► HSIP - Highway Safety Improvement Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
HSIP Subtotal ►							\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
CMAQ Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► TAP - Transportation Alternatives Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
TAP Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Non-CMAQ/HSIP/TAP (Other)

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Non-CMAQ/HSIP/TAP (Other) Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ -	\$ -	◀ Total Target	\$ -	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$ -	\$ -	◀ Max. Non-CMAQ/HSIP/TAP	\$ -	Non-CMAQ/HSIP/TAP (Other) Available
Total HSIP Programmed ►	\$ -	\$ -	◀ Min. HSIP	\$ -	HSIP Recommended Met
Total CMAQ Programmed ►	\$ -	\$ -	◀ Min. CMAQ	\$ -	CMAQ Recommended Met
Total TAP Programmed ►	\$ -	\$ -	◀ Min. TAP	\$ -	TAP Recommended Met

Remaining HSIP, CMAQ, and TAP Funds \$ - - - -

► Section 1B / Federal Aid Bridge Projects

► Statewide Systematic Maintenance Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Maintenance Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► On System

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
On System Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Off-System

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Off-System Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide Bridge Inspection Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Inspection Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

2017 Statewide Transportation Improvement Program

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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► Section 1C / Federal Aid Non-Target Projects

► Other Federal Aid

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Other Federal Aid Subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

► Section 1D / Federal Aid Major & State Category Projects

► Regional Major Infrastructure

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Regional Major Infrastructure Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide Americans with Disability Act Implementation Plan

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ADA Implementation Plan Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide Congestion Mitigation and Air Quality

				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide CMAQ Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide HSIP Program

ADJUSTMENT: Add Project	608732	STATEWIDE	MULTIPLE	DISTRICT 4- PEDESTRIAN AND BICYCLE FACILITY UPGRADES AT VARIOUS LOCATIONS	0	HSIP	\$ - 331,196	\$ - 298,076	\$ - 33,120	New Project ID; formerly part of 608540
ADJUSTMENT: Change Project Description	608540	STATEWIDE	MULTIPLE	DISTRICT 6- PEDESTRIAN AND BICYCLE FACILITY UPGRADES AT VARIOUS LOCATIONS	0	HSIP	\$ 750,000	\$ 675,000	\$ - 75,000	Removed District 4 from Project Description
ADJUSTMENT: Decrease Cost, ADJUSTMENT: Change Additional	607916	STATEWIDE	MULTIPLE	FALL RIVER TO RANDOLPH- GUIDE & TRAFFIC SIGN REPLACEMENT ON A SECTION OF ROUTE 24	0	HSIP	\$ 6,614,081	\$ 5,952,673	\$ 661,408	AC Year 1 of 2, Total Project Cost \$8,839,526
ADJUSTMENT: Remove Funding Source	608559	STATEWIDE	MULTIPLE	STATEWIDE- VARIOUS SAFETY STRATEGIES TO ADDRESS SHSP (TO BE DETERMINED)	0	HSIP	\$ 6,809,590	\$ 6,128,631	\$ 680,959	Placeholder; projects being amended into regional TIPs
Statewide HSIP Program Subtotal ►							\$ 14,504,867	\$ 13,054,380	\$ 1,450,487	◀ 90% Federal + 10% Non-Federal

► Statewide Infrastructure Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Infrastructure Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide Interstate Maintenance Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Interstate Maintenance Program Subtotal ►							\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal

► Statewide Intelligent Transportation Systems

ADJUSTMENT: Increase Cost, ADJUSTMENT: Change Funding Source, ADJUSTMENT: Change Project Description	608604	STATEWIDE	MULTIPLE	DISTRICT 4- DISTRICT 6- ITS EQUIPMENT (CCTV CAMERAS AND VMS) INSTALLATION FOR HIGHWAY OPERATIONS AT VARIOUS LOCATIONS	0	NHPP	\$ - 6,798,899	\$ - 5,439,119	\$ - 1,359,780	
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2017 Statewide Transportation Improvement Program

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
ADJUSTMENT: Change Project Description	608607	STATEWIDE	MULTIPLE	DISTRICT 3- DISTRICT 5- ITS EQUIPMENT (CCTV CAMERAS AND VMS) INSTALLATION FOR HIGHWAY OPERATIONS AT VARIOUS LOCATIONS	0	CMAQ	\$ 5,126,000	\$ 4,100,800	\$ 1,025,200	AC YR 1 of 2 TFPC \$6,250,000

Statewide ITS Subtotal ▶ \$ 11,924,899 \$ 9,539,919 \$ 2,384,980 ◀ 80% Federal + 20% Non-Federal

► Statewide National Freight Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	

Statewide National Freight Program Subtotal ▶ \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal

► Statewide National Highway System Preservation Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	

Statewide NHS Preservation Program Subtotal ▶ \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal

► Statewide Planning Program

							\$ -	\$ -	\$ -	
							\$ -	\$ -	\$ -	

Statewide Planning Program Subtotal ▶ \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal

► Statewide Railroad Grade Crossings

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	

Statewide RR Grade Crossings Subtotal ▶ \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal

► Statewide Safe Routes to Schools Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	

Statewide Safe Routes to Schools Program Subtotal ▶ \$ - \$ - \$ - ◀ Funding Split Varies by Funding Source

► Statewide Stormwater Retrofits

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	

Statewide Stormwater Retrofits Subtotal ▶ \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal

► Statewide Transportation Enhancements

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	

Statewide Transportation Enhancements Subtotal ▶ \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal

► Other Statewide Items

							\$ -	\$ -	\$ -	
				Award Adjustments, Change Orders, Project Value Changes, Etc.		STP	\$ -	\$ -	\$ -	
				DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs			\$ -	\$ -	\$ -	
				Planning			\$ -	\$ -	\$ -	
				Statewide Design and Right of Way			\$ -	\$ -	\$ -	
				Statewide Recreational Trails			\$ -	\$ -	\$ -	

Other Statewide Items Subtotal ▶ \$ - \$ - \$ - ◀ Funding Split Varies by Funding Source

► Section 2A / Non-Federal Projects

► Non Federal Aid

				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
				No Projects Programmed		NFA	\$ -	\$ -	\$ -	

Non-Federal Aid Subtotal ▶ \$ - \$ - \$ - ◀ 100% Non-Federal

2017 Statewide Transportation Improvement Program

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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► Section 2B / Non-Federal Bridge Projects

► Section 2B / Non-Federal Bridge Projects

				No Projects Programmed		NFA	\$		\$	
				No Projects Programmed		NFA	\$		\$	
Section 2B / Non-Federal Bridge Projects Subtotal►							\$ -		\$	◄100% Non-Federal

2017 Statewide TIP Summary

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
	-			
Total ►	\$ 26,429,766	\$ -	\$ - 26,429,766	◄ Total Spending in Region
Federal Funds ►	\$ 22,594,299	\$ -	\$ 22,594,299	◄ Total Federal Spending in Region
Non-Federal Funds ►	\$ 3,835,466	\$ -	\$ 3,835,466	◄ Total Non-Federal Spending in Region

2018 Statewide Transportation Improvement Program

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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► Section 1A / Federal Aid Target Projects

► HSIP - Highway Safety Improvement Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
HSIP Subtotal ►							\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
CMAQ Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► TAP - Transportation Alternatives Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
TAP Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Non-CMAQ/HSIP/TAP (Other)

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Non-CMAQ/HSIP/TAP (Other) Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ -	\$ -	◀ Total Target	\$ -	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$ -	\$ -	◀ Max. Non-CMAQ/HSIP/TAP	\$ -	Non-CMAQ/HSIP/TAP (Other) Available
Total HSIP Programmed ►	\$ -	\$ -	◀ Min. HSIP	\$ -	HSIP Recommended Met
Total CMAQ Programmed ►	\$ -	\$ -	◀ Min. CMAQ	\$ -	CMAQ Recommended Met
Total TAP Programmed ►	\$ -	\$ -	◀ Min. TAP	\$ -	TAP Recommended Met

Remaining HSIP, CMAQ, and TAP Funds \$ - - -

► Section 1B / Federal Aid Bridge Projects

► Statewide Systematic Maintenance Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Maintenance Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► On System

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
On System Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Off-System

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Off-System Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide Bridge Inspection Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Bridge Inspection Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

2018 Statewide Transportation Improvement Program

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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► Section 1C / Federal Aid Non-Target Projects

► Other Federal Aid

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Other Federal Aid Subtotal ►							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

► Section 1D / Federal Aid Major & State Category Projects

► Regional Major Infrastructure

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Regional Major Infrastructure Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide Americans with Disability Act Implementation Plan

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide ADA Implementation Plan Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide Congestion Mitigation and Air Quality

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide CMAQ Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide HSIP Program

ADJUSTMENT: Add Funding Source	607916	STATEWIDE	MULTIPLE	FALL RIVER TO RANDOLPH- GUIDE & TRAFFIC SIGN REPLACEMENT ON A SECTION OF ROUTE 24	0	HSIP	\$2,225,045	\$ -	2,002,541	\$ -	222,505	AC Year 2 of 2, Total Project Cost \$8,839,526
				No Projects Programmed				\$ -		\$ -		
Statewide HSIP Program Subtotal ►							\$ -	\$ 2,002,541	\$ 222,505			◀ 90% Federal + 10% Non-Federal

► Statewide Infrastructure Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Infrastructure Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide Interstate Maintenance Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Interstate Maintenance Program Subtotal ►							\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal

► Statewide Intelligent Transportation Systems

ADJUSTMENT: Change Project Description	608607	STATEWIDE	MULTIPLE	DISTRICT 3- DISTRICT 5- ITS EQUIPMENT (CCTV CAMERAS AND VMS) INSTALLATION FOR HIGHWAY OPERATIONS AT VARIOUS LOCATIONS	0	CMAQ	\$ 1,124,000	\$ -	899,200	\$ -	224,800	AC YR 2 of 2 TFPC \$6,250,000
				No Projects Programmed			\$ -	\$ -	\$ -	\$ -		
Statewide ITS Subtotal ►							\$ 1,124,000	\$ 899,200	\$ 224,800			◀ 80% Federal + 20% Non-Federal

► Statewide National Freight Program

				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide National Freight Program Subtotal ►							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Statewide National Highway System Preservation Program

							\$ -	\$ -	\$ -	
							\$ -	\$ -	\$ -	

2018 Statewide Transportation Improvement Program

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide NHS Preservation Program Subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide Planning Program							\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Planning Program Subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide Railroad Grade Crossings							\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide RR Grade Crossings Subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide Safe Routes to Schools Program							\$ -	\$ -	\$ -	
				No Projects Programmed		SRTS	\$ -	\$ -	\$ -	
				No Projects Programmed		SRTS	\$ -	\$ -	\$ -	
Statewide Safe Routes to Schools Program Subtotal ▶							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
▶ Statewide Stormwater Retrofits							\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Stormwater Retrofits Subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Statewide Transportation Enhancements							\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Transportation Enhancements Subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
▶ Other Statewide Items							\$ -	\$ -	\$ -	
							\$ -	\$ -	\$ -	
				Award Adjustments, Change Orders, Project Value Changes, Etc.			\$ -	\$ -	\$ -	
				DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs			\$ -	\$ -	\$ -	
				Planning			\$ -	\$ -	\$ -	
				Statewide Design and Right of Way			\$ -	\$ -	\$ -	
				Statewide Recreational Trails			\$ -	\$ -	\$ -	
Other Statewide Items Subtotal ▶							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
▶ Section 2A / Non-Federal Projects							\$ -	\$ -	\$ -	
▶ Non Federal Aid							\$ -	\$ -	\$ -	
				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
Non-Federal Aid Subtotal ▶							\$ -	\$ -	\$ -	◀ 100% Non-Federal
▶ Section 2B / Non-Federal Bridge Projects							\$ -	\$ -	\$ -	
▶ Section 2B / Non-Federal Bridge Projects							\$ -	\$ -	\$ -	
				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
Section 2B / Non-Federal Bridge Projects Subtotal ▶							\$ -	\$ -	\$ -	◀ 100% Non-Federal
							\$ -	\$ -	\$ -	
							\$ -	\$ -	\$ -	
							\$ -	\$ -	\$ -	

2018 Statewide Transportation Improvement Program

Amendment/Adjustment Type ▼	MassDOT Project ID ▼	MPO ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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2018 Statewide TIP Summary

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼	
Total ▶	\$ 3,349,045	\$ -	\$ 3,349,045	◀ Total Spending in Region
Federal Funds ▶	\$ 2,901,741	\$	\$ 2,901,741	◀ Total Federal Spending in Region
Non-Federal Funds ▶	\$ 447,305	\$ -	\$ 447,305	◀ Total Non-Federal Spending in Region