



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

**Massachusetts Division**

July 20, 2017

55 Broadway, 10<sup>th</sup> Floor  
Cambridge, MA 02142  
(617) 494-3657 (phone)  
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[www.fhwa.dot.gov/madiv](http://www.fhwa.dot.gov/madiv)

In Reply Refer To:  
HDA-MA

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

***Subject: Statewide Transportation Improvement Program Amendment #7***

Dear Mr. Mohler:

Thank you for your letter dated July 5, 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>
0.65-.71	Adjustments
24.01-24.03	Statewide 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,

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

July 5, 2017

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

Dear Mr. McEwen:

On behalf of Secretary Stephanie Pollack, I am writing to request your approval of the attached regional highway actions as endorsed by the Central Massachusetts Metropolitan Planning Organization (MPO), Martha's Vineyard Commission (MVC), Montachusett Metropolitan Planning Organization (MPO), and statewide highway actions as advanced by the Massachusetts Department of Transportation (MassDOT) pertaining to the Federal Fiscal Years 2017-2021 State Transportation Improvement Program:

.65-.71  
24.01-24.03

Adjustments  
Statewide Amendments

June 26, 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
.65	MONTACHU SETT	606575	MULTIPLE	STERLING- INTERSTATE MAINTENANCE & RELATED WORK ON I-190  Project Description adjusted from Sterling-Lancaster-Leominster to Sterling by MPO on 4/19/2017	NHPP	\$16,695,300	\$15,025,770	\$1,669,530	2017	NHPP	\$16,695,300	\$15,025,770	\$1,669,530	2017	ADJUSTMENT:Change Project Desc	06/30/17
.66	MARTHA'S VNYD	608529	WEST TISBURY	WEST TISBURY- MARTHAS VINEYARD CORRELLUS BIKE PATH (PHASE 1)  AC Year 1 of 2; Total Programmed Cost: \$1,133,812.50	STP	\$547,888	\$438,310	\$109,578	2017	STP	\$643,418	\$514,734	\$128,684	2017	ADJUSTMENT:Increase Cost ADJUSTMENT:Change Project Desc	06/30/17
.67	MARTHA'S VNYD	608529	WEST TISBURY	WEST TISBURY- MARTHAS VINEYARD CORRELLUS BIKE PATH (PHASE 1)  AC Year 2 of 2; Total Programmed Cost: \$1,133,812.50					2018	STP	\$490,395	\$392,316	\$98,079	2018	ADJUSTMENT:Add Funding Source	06/30/17
.68	MARTHA'S VNYD	607411	TISBURY	TISBURY- BIKE & PEDESTRIAN IMPROVEMENTS ALONG BEACH ROAD, FROM THE TERMINATION OF THE EXISTING SHARED USE PATH WESTERLY TO THE FIVE CORNERS INTERSECTION  Total estimated cost with inflation is \$2,547,956; AC Year 1 of 2 including statewide CMAQ amount for 0.5 mile section.	CMAQ	\$668,216	\$534,573	\$133,643	2018						ADJUSTMENT:Remove Funding Src	
.69	MARTHA'S VNYD	607411	TISBURY	TISBURY- BIKE & PEDESTRIAN IMPROVEMENTS ALONG BEACH ROAD, FROM THE TERMINATION OF THE EXISTING SHARED USE PATH WESTERLY TO THE FIVE CORNERS INTERSECTION  Total estimated cost with inflation is \$2,547,956; AC Year 2 of 2 including statewide CMAQ amount for 0.5 mile section.	CMAQ	\$668,216	\$534,573	\$133,643	2019						ADJUSTMENT:Remove Funding Src	
.70	CENTRAL MA	606434	WORCESTER	WORCESTER - CENTRAL BUSINESS DISTRICT STREETSCAPE IMPROVEMENTS  Construction / HPP#4266 - MA185 / Design Status = 25% / HPP + SW Infrastructure Total Project Cost = \$10,154,171 / added \$500k to HPP funding source - total project cost increase of \$655,110	HPP	\$5,125,000	\$4,100,000	\$1,025,000	2017	HPP	\$5,625,000	\$4,500,000	\$1,125,000	2017	ADJUSTMENT:Increase Cost ADJUSTMENT::Change Addl Info	06/30/17
.71	CENTRAL MA	606434	WORCESTER	WORCESTER - CENTRAL BUSINESS DISTRICT STREETSCAPE IMPROVEMENTS  Construction / HPP#4266 - MA185 / Design Status = 25% / HPP + SW Infrastructure Total Project Cost = \$10,154,171 / added \$155,110 to SW STP funding source - total project cost increase of \$655,110	STP	\$4,374,061	\$3,499,249	\$874,812	2017	STP	\$4,529,171	\$3,623,337	\$905,834	2017	ADJUSTMENT:Increase Cost ADJUSTMENT::Change Addl Info	06/30/17
24.01	STATEWIDE	MSC17	MULTIPLE	DBES, MISC PROGRAMS	STP	\$1,000,000	\$800,000	\$200,000	2017						AMENDMENT:Remove Project	
24.02	STATEWIDE	MSC	MULTIPLE	STATEWIDE DESIGN AND RIGHT OF WAY	STP	\$4,295,403	\$3,436,323	\$859,081	2017						AMENDMENT:Remove Project	

# 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
24.03	STATEWIDE	SRT17	MULTIPLE	STATEWIDE RECREATIONAL TRAILS	REC	\$1,483,411	\$1,186,729	\$296,682	2017	REC	\$2,158,411	\$1,726,729	\$431,682	2017	AMENDMENT:Increase Cost	06/30/17
				Increase Programmed Funding from \$1,483,411												

**2017-2021 MassDOT Statewide Transportation Improvement Program  
Fiscal Constraint Analysis Summary  
Action #007**

MAJOR PROGRAM		CURRENT			REVISED			NET CHANGE		
		Total	Federal	Non-Federal	Total	Federal	Non-Federal	Total	Federal	Non-Federal
2017	NATIONAL HIGHWAY PERFORMANCE	\$ 16,695,300	\$ 15,025,770	\$ 1,669,530	\$ 16,695,300	\$ 15,025,770	\$ 1,669,530	\$ -	\$ -	\$ -
	SURFACE TRANSPORTATION PROGRAM	\$ 10,217,352	\$ 8,173,882	\$ 2,043,471	\$ 5,172,589	\$ 4,138,071	\$ 1,034,518	\$ (5,044,763)	\$ (4,035,811)	\$ (1,008,953)
	REC TRAILS	\$ 1,483,411	\$ 1,186,729	\$ 296,682	\$ 2,158,411	\$ 1,726,729	\$ 431,682	\$ 675,000	\$ 540,000	\$ 135,000
	Exempt	\$ 5,125,000	\$ 4,100,000	\$ 1,025,000	\$ 5,625,000	\$ 4,500,000	\$ 1,125,000	OA Change \$ (3,495,811)		
								Exempt Change \$ 400,000		
								2017 Net Change \$ (3,095,811)		
2018	CONGESTION MITIGATION AND AIR QUALITY	\$ 668,216	\$ 534,573	\$ 133,643	\$ -	\$ -	\$ -	\$ (668,216)	\$ (534,573)	\$ (133,643)
	SURFACE TRANSPORTATION PROGRAM	\$ -	\$ -	\$ -	\$ 490,395	\$ 392,316	\$ 98,079	\$ 490,395	\$ 392,316	\$ 98,079
	Exempt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	OA Change \$ (142,257)		
								Exempt Change \$ -		
								2018 Net Change \$ (142,257)		
2019	CONGESTION MITIGATION AND AIR QUALITY	\$ 668,216	\$ 534,573	\$ 133,643	\$ -	\$ -	\$ -	\$ (668,216)	\$ (534,573)	\$ (133,643)
	Exempt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	OA Change \$ (534,573)		
								Exempt Change \$ -		
								2019 Net Change \$ (534,573)		

Federal Fiscal Year 2017				STIP 2017-2021, Rev007			
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	\$0
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	\$51,814,201	\$15,574,716	\$0
BRIDGE-OFF SYSTEM	\$28,456,838	\$64,540,404		\$92,997,242	\$26,133,402	\$66,863,840	\$0
STP NON-FLEX	\$78,782,104	\$20,723,661		\$99,505,765	\$83,795,145	\$15,710,619	(\$4,035,811)
	\$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 (RURAL & SMALL URBAN)	\$0	\$13,070,454	\$0	\$13,070,454	\$9,119,039	\$3,951,416	\$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	\$1,726,729	\$2,984,586	\$540,000
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	\$0
	\$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
OTHER AREAS (RURAL & SMALL URBAN)							
HWY SAFETY IMPROVEMENT PGM.	\$30,927,291	\$6,305,186	\$1,000,000	\$38,232,477	\$33,559,780	\$4,672,697	\$0
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	\$0
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	\$591,269,753	\$255,327,012	(\$3,495,811)
Estimated Obligation Authority					\$635,000,000		
HIGH PRIORITY PROJECTS		\$0		\$137,711,294	\$26,073,757	\$111,637,537	\$400,000
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	\$617,803,510	\$383,263,690	(\$3,095,811)
STATE MATCH FOR FEDERAL AID					\$127,746,595		
NON-FEDERAL AID + FEDERAL AID TOTAL >					\$745,550,105		
NOTES: MISCELLANEOUS / OTHER / UNDETERMINED Apportionment Includes estimated NHPP Exempt.							

Federal Fiscal Year 2018							STIP 2017-2021, Rev007
	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	\$0
NATIONAL HIGHWAY FREIGHT PROGRAM	\$17,966,977	\$16,900,078	\$0	\$34,867,055	\$0	\$34,867,055	\$0
STP FLEX	\$45,021,017	\$15,574,716	(\$9,000,000)	\$51,595,733	\$47,183,597	\$4,412,136	\$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	\$15,710,619		\$98,109,198	\$77,951,389	\$20,157,810	\$392,316
	\$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	\$2,984,586		\$4,171,315	\$1,186,729	\$2,984,586	\$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	\$0
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	\$82,495,112	\$12,656,763	(\$534,573)
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	\$255,327,012	\$0	\$885,531,478	\$598,551,134	\$286,980,345	(\$142,257)

Estimated Obligation Authority	\$648,180,000
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HIGH PRIORITY PROJECTS	\$0	\$111,637,537		\$111,637,537	\$9,376,325	\$102,261,212	\$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	\$383,263,690	\$0	\$1,023,199,173	\$608,287,459	\$414,911,714	(\$142,257)

STATE MATCH FOR FEDERAL AID

\$126,864,191

NON-FEDERAL AID + FEDERAL AID TOTAL >

\$735,151,650

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

Federal Fiscal Year 2019							STIP 2017-2021, Rev007
	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	\$330,306,180	\$60,286,072	(\$16,000,000)	\$374,592,252	\$284,109,681	\$90,482,571	\$0
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	\$4,412,136	\$6,500,000	\$55,634,002	\$48,981,139	\$6,652,863	\$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	\$2,984,586		\$4,171,315	\$1,186,729	\$2,984,586	\$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	\$0
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	\$12,656,763	\$8,000,000	\$86,325,738	\$72,325,893	\$13,999,845	(\$534,573)
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	\$286,980,345	\$0	\$931,726,397	\$589,858,537	\$341,867,861	(\$534,573)

Estimated Obligation Authority	\$661,680,000
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HIGH PRIORITY PROJECTS		\$102,261,212		\$102,261,212	\$13,955,472	\$88,305,740	\$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	\$414,911,714	\$0	\$1,069,590,696	\$603,814,009	\$465,776,687	(\$534,573)

STATE MATCH FOR FEDERAL AID

NON-FEDERAL AID + FEDERAL AID TOTAL >

\$123,057,902

\$726,871,911

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



Federal Fiscal Year 2020							STIP 2017-2021, Rev007
FUNDING CATEGORY	I ANTICIPATED NET APPORTIONMENTS OF FEDERAL FUNDS	II ESTIMATED CARRYOVER BALANCE MINUS ESTIMATED RESCISSION	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	\$337,192,402	\$53,384,717	\$0	\$390,577,119	\$344,636,445	\$45,940,674	\$0
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	\$3,925,189	\$8,500,000	\$57,258,559	\$51,027,531	\$6,231,028	\$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
-BOSTON URBAN AREA	\$55,846,914	\$81,593		\$55,928,507	\$55,846,914	\$81,593	\$0
-BARNSTABLE URBAN AREA	\$3,370,385	\$1		\$3,370,386	\$3,370,385	\$1	\$0
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$7,262,652	\$1		\$7,262,653	\$5,616,713	\$1,645,940	\$0
-WORCESTER URBAN AREA	\$6,196,962	\$3,532,887		\$9,729,849	\$9,729,848	\$1	\$0
-PROVIDENCE, PAWTUCKET	\$3,555,931	\$21,453,392		\$25,009,323	\$3,281,006	\$21,728,317	\$0
STP ENHANCEMENT (RURAL & SMALL URBAN)	\$13,121,899	\$1		\$13,121,900	\$13,121,899	\$1	\$0
SAFE ROUTES TO SCHOOLS PGM.	\$0	(\$3,211,206)	\$0	(\$3,211,206)	\$4,081,733	(\$7,292,939)	\$0
RECREATIONAL TRAILS	\$0	\$286,400		\$286,400	\$0	\$286,400	\$0
TAP FLEX	\$1,186,729	\$1,760,906		\$2,947,635	\$1,186,729	\$1,760,906	\$0
TAP NON-FLEX	\$4,440,861	\$7,061,692	\$0	\$11,502,553	\$6,833,195	\$4,669,358	\$0
-BOSTON URBAN AREA	\$5,376,538	\$3,388,925		\$8,765,463	\$3,664,646	\$5,100,817	\$0
-BARNSTABLE URBAN AREA	\$3,356,593	\$114,160		\$3,470,753	\$3,470,752	\$1	\$0
-SPRINGFIELD, CHICOPEE, HOLYOKE	\$202,572	\$586,925		\$789,497	\$193,894	\$595,603	\$0
-WORCESTER URBAN AREA	\$436,510	\$441,021		\$877,531	\$0	\$877,531	\$0
-PROVIDENCE, PAWTUCKET	\$372,459	\$384,654		\$757,113	\$0	\$757,113	\$0
HSIP - High Risk Rural	\$213,724	\$474,782		\$688,506	\$0	\$688,506	\$0
RLWY/HWY CROSSINGS- HAZARD ELIMINATION	\$794,680	\$3,742,399		\$4,537,079	\$0	\$4,537,079	\$0
RLWY/HWY CROSSINGS- PROTECTIVE DEVICES	\$33,924,199	\$5,140,838	\$0	\$39,065,037	\$29,354,660	\$9,710,377	\$0
CMAQ	\$0	\$3,549,236		\$3,549,236	\$0	\$3,549,236	\$0
PLANNING	\$1,346,508	\$1,628,977	\$0	\$2,975,485	\$1,000,000	\$1,975,485	\$0
MISCELLANEOUS / OTHER / UNDETERMINED	\$1,346,508	\$281,365	\$0	\$1,627,872	\$1,000,000	\$627,872	\$0
FEDERAL AID SUB-TOTAL:	\$67,002,744	\$8,259,908	\$0	\$75,262,653	\$59,794,271	\$15,468,381	\$0
	\$22,707,173	\$26,807,840		\$49,515,013	\$23,457,280	\$45,880,181	\$0
	\$344,611	\$2,914,347		\$3,258,958	\$0	\$3,258,958	\$0
	\$659,971,944	\$217,520,919	\$0	\$877,492,863	\$645,683,968	\$251,631,344	\$0
Estimated Obligation Authority					\$676,330,000		
HIGH PRIORITY PROJECTS		\$88,305,740		\$88,305,740	\$0	\$88,305,740	\$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	\$341,429,746	\$0	\$1,011,541,702	\$645,683,968	\$385,680,182	\$0
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, Rev007
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	\$337,192,402	\$45,940,674	\$8,000,000	\$391,133,076	\$350,413,185	\$40,719,891	\$0
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	\$6,231,028	\$7,000,000	\$61,631,729	\$58,734,669	\$2,897,060	\$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	\$1,760,906		\$2,947,635	\$1,186,729	\$1,760,906	\$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
HOWE 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	\$15,468,381	\$0	\$83,838,528	\$61,726,779	\$22,111,749	\$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	\$251,631,344	\$6,500,000	\$923,038,021	\$663,186,986	\$261,438,903	\$0
Estimated Obligation Authority					\$691,990,000		
HIGH PRIORITY PROJECTS		\$88,305,740		\$88,305,740	\$0	\$88,305,740	\$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	\$385,680,182	\$6,500,000	\$1,067,226,871	\$663,186,986	\$405,627,753	\$0
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 Montachusett MPO Transportation Improvement Program

MPO Endorsed November 9, 2016 &  
March 15, 2017

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 Interstate Maintenance Program

ADJUSTMENT: Change Project Description	606575	Montachusett	Multiple	STERLING- INTERSTATE MAINTENANCE & RELATED WORK ON I-190	3	NHPP	\$ 16,695,300	\$ 15,025,770	\$ 1,669,530	Project Description adjusted from Sterling-Lancaster-Leominster to Sterling on 4/19/2017
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STATEWIDE Interstate Maintenance Program Subtotal ► \$ 16,695,300 \$ 15,025,770 \$ 1,669,530 ◀ 90% Federal + 10% Non-Federal

## ► STATEWIDE Intelligent Transportation Systems

STATEWIDE ITS Subtotal ►							\$	\$	\$	◀ 80% Federal + 20% Non-Federal
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## ► 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

	607475	Montachusett	Winchendon	WINCHENDON- RESURFACING & RELATED WORK ON ROUTE 12, FROM MILL STREET/BEGINNING OF STATE HIGHWAY TO NEW HAMPSHIRE STATE LINE (2.5 MILES)	2	NHPP	\$ 1,800,000	\$ 1,440,000	\$ 360,000	
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STATEWIDE NHS Preservation Program Subtotal ► \$ 1,800,000 \$ 1,440,000 \$ 360,000 ◀ 80% Federal + 20% Non-Federal

## ► STATEWIDE Planning Program

STATEWIDE Planning Program Subtotal ►							\$	\$	\$	◀ 80% Federal + 20% Non-Federal
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## ► STATEWIDE Railroad Grade Crossings

STATEWIDE RR Grade Crossings Subtotal ►							\$ -	\$ -	\$	◀ 80% Federal + 20% Non-Federal
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## ► STATEWIDE Safe Routes to Schools Program

STATEWIDE Safe Routes to Schools Program Subtotal ►							\$ -	\$ -	\$	◀ Funding Split Varies by Funding Source
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## ► STATEWIDE Stormwater Retrofits

STATEWIDE Stormwater Retrofits Subtotal ►							\$ -	\$ -	\$	◀ 80% Federal + 20% Non-Federal
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## ► STATEWIDE Transportation Enhancements

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

## ► Other STATEWIDE Items

Other STATEWIDE Items Subtotal ►							\$	\$	\$ -	◀ Funding Split Varies by Funding Source
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## ► 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 MVC 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

				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)

ADJUSTMENT: Increase Cost, ADJUSTMENT: Change Project Description	608529	Martha's Vineyard	West Tisbury	WEST TISBURY- MARTHA'S VINEYARD CORRELLUS BIKE PATH (PHASE 1)	5	STP	\$ 643,418	\$ 514,734	\$ 128,684	AC Year 1 of 2; Total Programmed Cost: \$1,133,812.50
Non-CMAQ/HSIP/TAP (Other) Subtotal ►							\$ 643,418	\$ 514,734	\$ 128,684	◀ 80% Federal + 20% Non-Federal

## ► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 643,418	\$ 643,418	◀ Total Target	\$	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$ 643,418	\$ 515,556	◀ Max. Non-CMAQ/HSIP/TAP	\$ (127,862)	Non-CMAQ/HSIP/TAP (Other) Exceeds Maximum
Total HSIP Programmed ►	\$ -	\$ 30,997	◀ Min. HSIP	\$ 30,997	HSIP Recommended Not Met
Total CMAQ Programmed ►	\$ -	\$ 96,865	◀ Min. CMAQ	\$ 96,865	CMAQ Recommended Not Met
Total TAP Programmed ►	\$ -	\$ -	◀ Min. TAP	\$ -	TAP Recommended Met

Remaining HSIP, CMAQ, and TAP Funds \$ 127,862

## ► 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			\$ -	\$ -	\$ -	
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### ► Statewide Bridge Inspection Program

				No Projects Programmed			\$ -	\$ -	\$ -	
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## ► Section 1C / Federal Aid Non-Target Projects

### ► Other Federal Aid

				No Projects Programmed			\$ -	\$ -	\$ -	
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## ► Section 1D / Federal Aid Major & State Category Projects

### ► Regional Major Infrastructure

				No Projects Programmed			\$ -	\$ -	\$ -	
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### ► Statewide Americans with Disabilities Act Implementation Plan

				No Projects Programmed			\$ -	\$ -	\$ -	
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# 2018 MVC 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

							\$ -	\$ -	\$ -	
							\$ -	\$ -	\$ -	
HSIP Subtotal ►							\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal

### ► CMAQ - Congestion Mitigation and Air Quality Improvement Program

ADJUSTMENT: Remove Funding Source	607411	Martha's Vineyard	TISBURY	TISBURY- BIKE & PEDESTRIAN IMPROVEMENTS ALONG BEACH ROAD, FROM THE TERMINATION OF THE EXISTING SHARED USE PATH WESTERLY TO THE FIVE CORNERS INTERSECTION	5	CMAQ	\$ 668,216	\$ 534,673	\$ 133,643	Total estimated cost with inflation is \$2,547,956; AC Year 1 of 2 including statewide CMAQ amount for 0.5 mile section. The Adjustment will reflect the 18-22 TIP by virtue of removing this project from FY 18
							\$ -	\$ -	\$ -	
CMAQ Subtotal ►							\$ 668,216	\$ 534,673	\$ 133,643	◀ 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)

ADJUSTMENT: Add Funding Source	608529	Martha's Vineyard	West Tisbury	WEST TISBURY- MARTHA'S VINEYARD CORRELLUS BIKE PATH (PHASE 1)	5	STP	\$ 490,395	\$ 392,316	\$ 98,079	AC Year 2 of 2; Total Programmed Cost: \$1,133,812.50
Non-CMAQ/HSIP/TAP (Other) Subtotal ►							\$ 490,395	\$ 392,316	\$ 98,079	◀ 80% Federal + 20% Non-Federal

## ► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed ►	\$ 490,395	\$ 668,216	◀ Total Target	\$ 177,822	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$ 490,395	\$ 559,727	◀ Max. Non-CMAQ/HSIP/TAP	\$ 69,333	Non-CMAQ/HSIP/TAP (Other) Available
Total HSIP Programmed ►	\$ -	\$ 30,997	◀ Min. HSIP	\$ 30,997	HSIP Recommended Not Met
Total CMAQ Programmed ►	\$ 77,492		◀ Min. CMAQ	\$ 77,492	CMAQ Recommended Not Met
Total TAP Programmed ►	\$ -	\$ -	◀ Min. TAP	\$ -	TAP Recommended Met

Remaining HSIP, CMAQ, and TAP Funds \$ 108,489

## ► 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

# 2019 MVC 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

ADJUSTMENT: Remove Funding Source	607411	Martha's Vineyard	TISBURY	TISBURY- BIKE & PEDESTRIAN IMPROVEMENTS ALONG BEACH ROAD, FROM THE TERMINATION OF THE EXISTING SHARED USE PATH WESTERLY TO THE FIVE CORNERS INTERSECTION	5	CMAQ	\$ 668,216	\$ 534,573	\$ 133,643	Total estimated cost with inflation is \$2,547,956; AC Year 2 of 2 including statewide CMAQ amount for 0.5 mile section.
				No Projects Programmed			\$ -	\$ -	\$ -	
CMAQ Subtotal ►							\$ 668,216	\$ 534,573	\$ 133,643	◀ 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 ►	\$ 668,216	\$ 668,216	◀ Total Target	\$ -	Target Funds Available
Total Non-CMAQ/HSIP/TAP (Other) Programmed ►	\$ -	\$ 559,727	◀ Max. Non-CMAQ/HSIP/TAP	\$ -	Non-CMAQ/HSIP/TAP (Other) Available
Total HSIP Programmed ►	\$ -	\$ 30,997	◀ Min. HSIP	\$ 30,997	HSIP Recommended Not Met
Total CMAQ Programmed ►	\$ 668,216	\$ 77,492	◀ Min. CMAQ	\$ (590,724)	CMAQ Recommended Met
Total TAP Programmed ►	\$ -	\$ -	◀ Min. TAP	\$ -	TAP Recommended Met

HSIP, CMAQ, TAP Overprogrammed \$ (559,727)

## ► 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			\$ -	\$ -	\$ -	

## 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	\$ 4,280,685	\$ 3,424,548	\$ - 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

ADJUSTMENT: Increase Cost, ADJUSTMENT: Change Additional Information	606434	Central Mass	Worcester	WORCESTER - CENTRAL BUSINESS DISTRICT STREETSCAPE IMPROVEMENTS	3	HPP	\$ 5,625,000	\$ 4,500,000	\$ 1,125,000	Construction / HPP#4266 - MA185 / Design Status = 25% / HPP + SW Infrastructure Total Project Cost = \$10,154,171 / added \$500k to HPP funding source - total project cost increase of \$655,110
	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 ▶	\$ 6,132,500	\$ 4,906,000	\$ 1,226,500	◀ 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

ADJUSTMENT: Increase Cost, ADJUSTMENT: Change Additional Information	606434	Central Mass	Worcester	WORCESTER - CENTRAL BUSINESS DISTRICT STREETSCAPE IMPROVEMENTS	3	STP	\$ 4,529,171	\$ 3,623,337	\$ 905,834	Construction / HPP#4266 - MA185 / Design Status = 25% / HPP + SW Infrastructure Total Project Cost = \$10,154,171 / added \$155,110 to SW STP funding source - total project cost increase of \$655,110
	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 ▶	\$ 6,794,529	\$ 5,435,623	\$ 1,358,906	◀ 80% Federal + 20% Non-Federal

#### ► Statewide Interstate Maintenance Program

# 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 ▼
<b>► Statewide National Highway System Preservation Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide NHS Preservation Program Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
<b>► Statewide Planning Program</b>										
							\$ -	\$ -	\$ -	
							\$ -	\$ -	\$ -	
Statewide Planning Program Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
<b>► Statewide Railroad Grade Crossings</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide RR Grade Crossings Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
<b>► Statewide Safe Routes to Schools Program</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Safe Routes to Schools Program Subtotal ►							\$ -	\$ -	\$ -	◄ Funding Split Varies by Funding Source
<b>► Statewide Stormwater Retrofits</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Stormwater Retrofits Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
<b>► Statewide Transportation Enhancements</b>										
				No Projects Programmed			\$ -	\$ -	\$ -	
				No Projects Programmed			\$ -	\$ -	\$ -	
Statewide Transportation Enhancements Subtotal ►							\$ -	\$ -	\$ -	◄ 80% Federal + 20% Non-Federal
<b>► Other Statewide Items</b>										
							\$ -	\$ -	\$ -	
				Award Adjustments, Change Orders, Project Value Changes, Etc.			\$ -	\$ -	\$ -	
				DBEs, FAPO, Pavement Lab Retrofits, and Misc. Programs			\$ -	\$ -	\$ -	
AMENDMENT: Remove Project	MSC17	STATEWIDE	MULTIPLE	DBES, MISC PROGRAMS	MULTIPLE	STP	\$ 1,000,000	\$ 800,000	\$ 200,000	Remove Funding Source
AMENDMENT: Remove Project	MSC	STATEWIDE	MULTIPLE	STATEWIDE DESIGN AND RIGHT OF WAY	MULTIPLE	STP	\$ 4,295,403	\$ 3,436,323	\$ 859,081	Remove Funding Source
AMENDMENT: Increase Cost	SRT17	STATEWIDE	MULTIPLE	STATEWIDE RECREATIONAL TRAILS	MULTIPLE	REC	\$ 2,158,411	\$ 1,726,729	\$ 431,682	Increase Programmed Funding from \$1,483,411
Other Statewide Items Subtotal ►							\$ 7,453,815	\$ 5,963,052	\$ 1,490,763	◄ Funding Split Varies by Funding Source
<b>► Section 2A / Non-Federal Projects</b>										
<b>► Non Federal Aid</b>										
				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
				No Projects Programmed		NFA	\$ -	\$ -	\$ -	
Non-Federal Aid Subtotal ►							\$ -	\$ -	\$ -	◄ 100% Non-Federal
<b>► Section 2B / Non-Federal Bridge Projects</b>										
<b>► Section 2B / Non-Federal Bridge Projects</b>										
				No Projects Programmed		NFA	\$ -	\$ -	\$ -	