

Highway Amendment for vote on 6/27/16: To replace pages 19 and 20 in the 2016-19 Cape Cod Transportation Improvement Program, as adjusted, with these pages and update programmed totals in the body of the document.

2016 Cape Cod MPO Transportation Improvement Program 06/15/2015 Draft Released 2/16/2016 Adjustment
07/20/2015 Endorsement 6/27/2016 DRAFT Adjustment

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: Remove Project, AMENDMENT: Change Additional Information	608033	Cape Cod	Barnstable	BARNSTABLE- LIGHTING & LANDSCAPING OF THE ROUNDABOUT AT THE MID-CAPE HIGHWAY (ROUTE 6) EASTBOUND EXIT RAMP & ROUTE 149	5	HSIP				TO BE MOVED TO 2017. Previously programmed at \$600,000. Under design by MassDOT.
HSIP Subtotal							\$ -	\$ -	\$ -	◀ 90% Federal + 10% Non-Federal

► CMAQ - Congestion Mitigation and Air Quality Improvement Program

	606461	Cape Cod	Orleans	ORLEANS- INTERSECTION IMPROVEMENTS AT 2 LOCATIONS: CRANBERRY HIGHWAY (ROUTE 6A) AND MAIN STREET; CHATHAM ROAD (ROUTE 28) AND MAIN STREET.	5	CMAQ	\$ 3,189,954	\$ 2,551,963	\$ 637,991	Total programmed = \$3,547,482 = \$3,189,954 CMAQ + \$357,528 TAP. 100% design completed. CMAQ analysis completed. Project schedule adjusted due to right of way acquisition timing. Municipality is proponent.
	201601	Cape Cod	Barnstable	BARNSTABLE - HYANNIS VILLAGER DEMONSTATION	5	CMAQ	\$ 659,100	\$ 527,280	\$ 131,820	CMAQ -> FTA Transfer. Total programmed = \$659,100. Year 1 of 3.
	201602	Cape Cod	Cape Cod	CAPE COD BIKE RACK PROGRAM	5	CMAQ	\$ 50,000	\$ 40,000	\$ 10,000	Total programmed = \$50,000. Funds to be applied for by municipalities. Program specifics under development.
CMAQ Subtotal							\$ 3,899,054	\$ 3,119,243	\$ 779,811	◀ 80% Federal + 20% Non-Federal

► TAP - Transportation Alternatives Program

	606461	Cape Cod	Orleans	ORLEANS- INTERSECTION IMPROVEMENTS AT 2 LOCATIONS: CRANBERRY HIGHWAY (ROUTE 6A) AND MAIN STREET; CHATHAM ROAD (ROUTE 28) AND MAIN STREET.	5	TAP	\$ 357,528	\$ 286,022	\$ 71,506	Total programmed = \$3,547,482 = \$3,189,954 CMAQ + \$357,528 TAP. 100% design completed. CMAQ analysis completed. Project schedule adjusted due to right of way acquisition timing. Municipality is proponent.
TAP Subtotal							\$ 357,528	\$ 286,022	\$ 71,506	◀ 80% Federal + 20% Non-Federal

► Non-CMAQ/HSIP/TAP (Other)

AMENDMENT: Remove Project, AMENDMENT: Change Additional Information	606596	Cape Cod	Chatham	CHATHAM- IMPROVEMENTS ON WEST MAIN STREET (ROUTE 28), FROM GEORGE RYDER ROAD TO BARN HILL ROAD	5	STP				TO BE MOVED TO 2018. Previously programmed at \$2,735,090. 75% design plans submitted.
AMENDMENT: Increase Cost, AMENDMENT: Change Funding Source, AMENDMENT: Change Additional Information	607571	Cape Cod	Dennis Yarmouth	DENNIS- YARMOUTH- CONSTRUCTION OF A MULTI-USE PATH OVER THE BASS RIVER, INCLUDES NEW PEDESTRIAN BRIDGE D-07-007=Y-01-010	5	STP	\$ 3,765,000	\$ 3,012,000	\$ 753,000	Total programmed = \$3,765,000 to match estimate from 100% design. Bass River Bridge portion of CCRT Dennis-Yarmouth extension. Earmark (TI 173 MA 209) no longer included as a funding source.
Non-CMAQ/HSIP/TAP (Other) Subtotal							\$ 3,765,000	\$ 3,012,000	\$ 753,000	◀ 80% Federal + 20% Non-Federal

► Section 1A / Fiscal Constraint Analysis

Total Federal Aid Target Funds Programmed	\$ 8,021,582	\$ 8,004,511	◀ Total	\$ (17,071)	Overprogrammed
Total Non-CMAQ/HSIP/TAP (Other) Programmed	\$ 3,765,000	\$ 5,755,612	◀ Max. Non-	\$ 1,990,612	Non-CMAQ/HSIP/TAP (Other) Available
Total HSIP Programmed	\$ -	\$ 458,514	◀ Min. HSIP	\$ 458,514	HSIP Minimum NOT Met
Total CMAQ Programmed	\$ 3,899,054	\$ 1,432,857	◀ Min.	\$ (2,466,197)	CMAQ Minimum Met
Total TAP Programmed	\$ 357,528	\$ 357,528	◀ Min. TAP	\$ -	TAP Minimum Met
HSIP, CMAQ, TAP Overprogrammed	\$ (2,007,683)				

► Section 1B / Federal Aid Bridge Projects

► Statewide Bridge 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										
AMENDMENT: Increase Cost, AMENDMENT: Change Funding Source, AMENDMENT: Change Additional Information	607571	Cape Cod	Dennis Yarmouth	DENNIS- YARMOUTH- CONSTRUCTION OF A MULTI-USE PATH OVER THE BASS RIVER, INCLUDES NEW PEDESTRIAN BRIDGE D-07-007=Y-01-010	5	TI 173 MA 209			\$ -	Total programmed = \$3,765,000 to match estimate from 100% design. Bass River Bridge portion of CCRT Dennis-Yarmouth extension. Earmark (TI 173 MA 209) no longer included as a funding source.
Other Federal Aid Subtotal							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

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

► Statewide Infrastructure Program										
No Projects Programmed										
Statewide Infrastructure Program Subtotal ► \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal										
► Statewide HSIP Program										
	607753	Cape Cod	Barnstable	BARNSTABLE- INTERSECTION & SIGNAL IMPROVEMENTS AT SR 28 (FALMOUTH ROAD) AT STRAWBERRY HILL ROAD	5	HSIP	\$ 550,000	\$ 495,000	\$ 55,000	Total programmed = \$550,000. Preliminary design. RSA conducted. Adjust to remove project from CAPE COD TIP. Amend into Statewide Program as Statewide Project with new Project Description and increased cost to accommodate I-195 components.
ADJUST:Remove Project	607918	Cape Cod	Bourne Sandwich Barnstable Yarmouth Harwich Brewster Orleans	SANDWICH TO ORLEANS- GUIDE & TRAFFIC SIGN REPLACEMENT ON A SECTION OF US ROUTE 6 (MID-CAPE HIGHWAY)	5	HSIP				
Statewide HSIP Program Subtotal ► \$ 550,000 \$ 495,000 \$ 55,000 ◀ 90% Federal + 10% 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 CMAQ										
No Projects Programmed										
Statewide CMAQ ► \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal										
► Statewide Transportation Enhancements										
No Projects Programmed										
Statewide Transportation Enhancements Subtotal ► \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal										
► Statewide ITS										
No Projects Programmed										
Statewide ITS Subtotal ► \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal										
► Statewide Interstate Maintenance Program										
No Projects Programmed										
Statewide Interstate Maintenance Program Subtotal ► \$ - \$ - \$ - ◀ 90% Federal + 10% Non-Federal										
► Statewide NHS Preservation Program+										
No Projects Programmed										
Statewide NHS Preservation Program Subtotal ► \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal										
► Statewide RR Grade Crossings										
No Projects Programmed										
Statewide RR Grade Crossings Subtotal ► \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal										
► Statewide Stormwater Retrofits										
No Projects Programmed										
Statewide Stormwater Retrofits Subtotal ► \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal										
► Statewide ADA Implementation Plan										
No Projects Programmed										
Statewide ADA Implementation Plan Subtotal ► \$ - \$ - \$ - ◀ 80% Federal + 20% Non-Federal										
► Other Statewide Items										
				ABP GANS Repayment			\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
				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										
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										

2016 Cape Cod MPO TIP Summary

	TIP Section 1: ▼	TIP Section 2: ▼	Total of All Projects ▼
Total ►	\$ 8,571,582	\$ -	\$ 8,571,582
Federal Funds ►	\$ 6,912,266	\$ -	\$ 6,912,266
Non-Federal Funds ►	\$ 1,659,316	\$ -	\$ 1,659,316

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>