

FFY 2016 - 2019 Transportation Improvement Program (TIP) Development

APRIL 27, 2015

CAPE COD METROPOLITAN
PLANNING ORGANIZATION



CAPE COD
COMMISSION



INTRODUCTION

The Transportation Improvement Program (TIP) is listing of federal aid eligible transportation projects proposed for implementation in the next four years.

The TIP is developed by Cape Cod Commission transportation staff on behalf of the Cape Cod Metropolitan Planning Organization, in accordance with the requirements in MAP-21, SAFETEA-LU, and federal planning regulations.

BACKGROUND



- + Highway and Transit
- + Regional Targets
- + Project Evaluation
- + Green House Gas (GHS) Analysis
- + Title VI

Transportation Highway Funding Regional Targets FFY 2016 – 2019

Year	STP	HSIP	CMAQ	TAP	TOTAL Regional Target with State Match
2016	\$5,755,612	\$458,514	\$1,432,857	\$357,528	\$8,004,511
2017	\$7,348,079	\$458,514	\$1,432,857	\$232,306	\$9,471,756
2018	\$7,760,742	\$458,514	\$1,432,857	\$232,306	\$9,884,419
2019	\$7,814,284	\$458,514	\$1,432,857	\$178,764	\$9,884,419
2016-2019	\$28,678,717	\$1,834,056	\$5,731,428	\$1,000,904	\$37,245,105

STP - Surface Transportation Program

STP funds are for general highway projects in the region: roadways, intersections, and bridges.

HSIP - Highway Safety Improvement Program

HSIP funds are for projects designed to improve safety in the region's highest crash locations.

CMAQ - Congestion Mitigation and Air Quality Improvement Program

CMAQ funds are for projects designed to reduce congestion and improve air quality.

TAP - Transportation Alternatives Program

TAP is a new category in Moving Ahead for Progress in the 21st Century (MAP-21), for projects similar to those previously eligible under Transportation Enhancements, Recreational Trails, and/or Safe Routes to Schools

2016-2019 TIP - Cape Cod 'Highway' Target Projects

Projects carried over from previous TIP for discussion (Updated 4-9-15)

TIP Year 2016

Project	Score	Status	Fund	Programmed Amount
606596 Chatham, Route 28 - George Ryder Road to Barn Hill Road [Total TIP Funding = \$2,735,090]	3.9	25sub	TAP	\$357,528
606707 Dennis, Route 28 Corridor & Streetscape Improvements	4.2	25sub	CMAQ	\$3,906,792

	Target	Programmed		
Total	\$8,004,511	\$6,641,882	\$1,362,629	Available
Max STP	\$5,755,612	\$2,377,562	-	Met
Min HSIP	\$458,514	\$0	(\$458,514)	Under
Min CMAQ	\$1,432,857	\$3,906,792	-	Met
Min TAP	\$357,528	\$357,528	-	Met

TIP Year 2017

Project	Score	Status	Fund	Programmed Amount
606272 Barnstable, Route 28 at Yarmouth Road [Total TIP Funding = \$6,400,598]	8.0	25sub	TAP	\$232,306
			CMAQ	\$6,168,292
607444 Falmouth, Route 28A at Route 151	6.0	prelim	HSIP	\$2,240,000
607398 Yarmouth Barnstable, Cape Cod Rail Trail Extension - Yarmouth-Barnstable	7.7	prelim	Statewide CMAQ (outside target)	\$8,100,000

	Target	Programmed		
Total	\$9,471,756	\$8,640,598	\$831,158	Available
Max STP	\$7,348,079	\$0	-	Met
Min HSIP	\$458,514	\$2,240,000	-	Met
Min CMAQ	\$1,432,857	\$6,168,292	-	Met
Min TAP	\$232,306	\$232,306	-	Met

TIP Year 2018

Project	Score	Status	Fund	Programmed Amount
607397 Wellfleet, Rt 6/Main St [Total TIP Funding = \$2,240,000]	5.2	prelim	TAP	\$232,306
			HSIP	\$2,007,694
607753 Barnstable, Rt 28/Strawberry Hill Rd	5.3	prelim	HSIP	\$495,880
607435 Barnstable, Route 28 at Osterville-West Barnstable Road	4.1	25sub	HSIP	\$2,320,000
607405 Chatham, Rte. 28 at Main St., Depot Rd., Queen Anne Rd. and Crowell Rd.	5.2	prelim	CMAQ	\$2,320,000

	Target	Programmed		
Total	\$9,884,419	\$7,375,880	\$2,508,539	Available
Max STP	\$7,760,742	\$0	-	Met
Min HSIP	\$458,514	\$4,823,574	-	Met
Min CMAQ	\$1,432,857	\$2,320,000	-	Met
Min TAP	\$232,306	\$232,306	-	Met

TIP Year 2019

Project	Score	Status	Fund	Programmed Amount

	Target	Programmed		
Total	\$9,884,419	\$0	\$9,884,419	Available
Max STP	\$7,814,284	\$0	-	Met
Min HSIP	\$458,514	\$0	(\$458,514)	Under
Min CMAQ	\$1,432,857	\$0	(\$1,432,857)	Under
Min TAP	\$178,764	\$0	(\$178,764)	Under

Unprogrammed Projects

Project	Score	Status	Potential Fund	Est. Construction Cost
Barnstable, Route 6 Exit 5 Lighting and Landscaping			HSIP	\$1,000,000
BourneSandwichBarnstable, Route 6 Replanting and Drainage			HSIP	\$1,000,000
607394 Yarmouth, Route 6 Exit 8 Ramps	0.0	prelim	HSIP	\$5,000,400
607319 Mashpee, Route 151	6.0	prelim	HSIP	\$8,250,000
606900 Bourne, Belmont Circle Traffic Improvements	5.6	pre25	HSIP	\$5,040,000
606082 Bourne, Bourne Route 6 Scenic Highway Median Installation	0.0	prelim	HSIP	\$8,000,000

Notes: 25app = 25% design plans approved, 25sub = 25% design plans submitted, CCNS = Cape Cod National Seashore; CCRT = Cape Cod Rail Trail; CCRTA = Cape Cod Regional Transit Authority; CMAQ = Congestion Mitigation and Air Quality Program; FDR = Functional Design Report; HSIP = Highway Safety Improvement Program; NHPP = National Highway Performance Program; prelim = preliminary design phase; RSA = Road Safety Audit; STP = Surface Transportation Program; TAP = Transportation Alternatives Program; TIP = Transportation Improvement Program; TL = Town line

Discussion of Highway Regional Target Project Selection

MASSDOT BOSTON OFFICE RECOMMENDED CHANGES

Project Number	Project Description	Recommended Change
606461	Orleans, Two intersection: Main Street at Route 28 and Main Street at Route 6A	Move from 2015 to 2016
606596	Chatham, Route 28 - George Ryder Road to Barn Hill Road	Move from 2016 to 2017
606707	Dennis, Route 28 Corridor & Streetscape Improvements	Move from 2016 to 2017
606272	Barnstable, Iyanough Road (Route 28) at Yarmouth Road	Move from 2017 to 2018

NEXT STEPS

- + Anticipated Release of Draft TIP: **June 15th MPO Meeting**
- + Anticipated 30-Day Public Comment Period: **June 15th – July 15th**
- + Anticipated Endorsement of TIP: **July 20th MPO Meeting**



THANK YOU

27 APRIL 2015

STEVEN TUPPER

508-362-3828

STUPPER@CAPECODCOMMISSION.ORG



CAPE COD
COMMISSION

