

# FFY 2016 - 2019 Transportation Improvement Program (TIP) Development

MAY 18, 2015

CAPE COD METROPOLITAN  
PLANNING ORGANIZATION



CAPE COD  
COMMISSION



# 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
<b>2016-2019</b>	<b>\$28,678,717</b>	<b>\$1,834,056</b>	<b>\$5,731,428</b>	<b>\$1,000,904</b>	<b>\$37,245,105</b>

## **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**

**Based on 5/8/15 CCJTC Recommendation with newly-approved CMAQ projects**

TIP Year 2016				
Project	Score	Status	Fund	Programmed Amount
606461	4.5	100%	TAP	\$715,056
Orleans, Main St. at Rte 28 & Main St. at Route 6A [Total TIP Funding = \$3,547,482]			CMAQ	\$2,832,426
606596	3.9	25sub	STP	\$2,735,090
608033			HSIP	\$600,000
			CMAQ to FTA	\$659,100
			CMAQ	\$50,000
			Capewide, Regional Bicycle Rack Program	
	<b>Target</b>		<b>Programmed</b>	
<b>Total</b>	\$8,004,511		\$7,591,672	\$412,839 Available
<b>Max STP</b>	\$5,755,612		\$2,377,562	- Met
<b>Min HSIP</b>	\$458,514		\$600,000	- Met
<b>Min CMAQ</b>	\$1,432,857		\$3,899,054	- Met
<b>Min TAP</b>	\$357,528		\$715,056	- Met
TIP Year 2017				
Project	Score	Status	Fund	Programmed Amount
606707	4.2	25sub	TAP	\$232,306
Dennis, Route 28 Corridor & Streetscape Improvements [Total TIP Funding = \$4,063,064]			CMAQ	\$3,830,758
607444	6.0	prelim	HSIP	\$2,240,000
607435	4.1	25sub	HSIP	\$2,240,000
			CMAQ to FTA	\$685,464
			Barnstable, CCRTA Hyannis Villager Project (Year 2 of 3)	
	<b>Target</b>		<b>Programmed</b>	
<b>Total</b>	\$9,471,756		\$9,228,528	\$243,228 Available
<b>Max STP</b>	\$7,348,079		\$0	- Met
<b>Min HSIP</b>	\$458,514		\$4,480,000	- Met
<b>Min CMAQ</b>	\$1,432,857		\$4,516,222	- Met
<b>Min TAP</b>	\$232,306		\$232,306	- Met
TIP Year 2018				
Project	Score	Status	Fund	Programmed Amount
607397	5.2	prelim	TAP	\$464,612
Wellfleet, Rt 6/Main St [Total TIP Funding = \$2,240,000]			HSIP	\$1,775,388
606272	8.0	25sub	CMAQ	\$6,400,598
607753	5.3	prelim	HSIP	\$495,880
			CMAQ to FTA	\$711,828
			Barnstable, CCRTA Hyannis Villager Project (Year 3 of 3)	
	<b>Target</b>		<b>Programmed</b>	
<b>Total</b>	\$9,884,419		\$9,848,306	\$36,113 Available
<b>Max STP</b>	\$7,780,742		\$0	- Met
<b>Min HSIP</b>	\$458,514		\$2,503,574	- Met
<b>Min CMAQ</b>	\$1,432,857		\$6,880,120	- Met
<b>Min TAP</b>	\$232,306		\$464,612	- Met
TIP Year 2019				
Project	Score	Status	Fund	Programmed Amount
607405	5.2	prelim	TAP	\$178,764
Chatham, Rte. 28 at Main St., Depot Rd., Queen Anne Rd. and Crowell Rd. [Total TIP Funding = \$2,400,000]			CMAQ	\$2,221,236
607319	6.0	prelim	HSIP	\$5,000,000
606900	5.6	prelim	HSIP	\$1,740,000
			Bourne, Belmont Circle Traffic Improvements	
	<b>Target</b>		<b>Programmed</b>	
<b>Total</b>	\$9,884,419		\$9,140,000	\$744,419 Available
<b>Max STP</b>	\$7,814,284		\$0	- Met
<b>Min HSIP</b>	\$458,514		\$6,740,000	- Met
<b>Min CMAQ</b>	\$1,432,857		\$2,221,236	- Met
<b>Min TAP</b>	\$178,764		\$178,764	- Met
Unprogrammed Projects or Concepts for Discussion				
Project	Score	Status	Potential Fund	Est. Construction Cost
607394		prelim	HSIP	\$5,000,400
606082		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

# 5/8/15 CCJTC RECOMMENDATION WITH NEWLY-APPROVED CMAQ PROJECTS

	2016	2017	2018	2019
<b>Projects</b>	Orleans, Main St. at Rte 28 & Main St. at Route 6A	Dennis, Route 28 Corridor & Streetscape Improvements	Wellfleet, Rt 6/Main St	Chatham, Rte. 28 at Main St., Depot Rd., Queen Anne Rd. and Crowell Rd.
	\$3,547,482	\$4,063,064	\$2,240,000	\$2,400,000
	Chatham, Route 28 - George Ryder Road to Barn Hill Road	Falmouth, Route 28A at Route 151	Barnstable, Route 28 at Yarmouth Road	Mashpee, Route 151 [remainder of project will be programmed in 2020]
	\$2,735,090	\$2,240,000	\$6,400,598	\$5,000,000
	Barnstable, Route 6 Exit 5 Lighting and Landscaping	Barnstable, Route 28 at Osterville-West Barnstable Road	Barnstable, Rt 28/Strawberry Hill Rd	Bourne, Belmont Circle Traffic Improvements
	\$600,000	\$2,240,000	\$495,880	\$1,740,000
	Barnstable, CCRTA Hyannis Villager Project (Year 1 of 3)	Barnstable, CCRTA Hyannis Villager Project (Year 2 of 3)	Barnstable, CCRTA Hyannis Villager Project (Year 3 of 3)	
	\$659,100	\$685,464	\$711,828	
Capewide, Bicycle Rack Program				
\$50,000				
<b>Programmed</b>	\$7,591,672	\$9,228,528	\$9,848,306	\$9,140,000
<b>Target</b>	\$8,004,511	\$9,471,756	\$9,884,419	\$9,884,419
<b>Over/Under</b>	\$412,839	\$243,228	\$36,113	\$744,419
<b>Unprogrammed Projects</b>	<b>Project Description</b>		<b>Est. Construction Cost</b>	
	Yarmouth, Route 6 Exit 8 Ramps		\$5,000,400	
	Bourne, Route 6 Scenic Highway Median Installation		\$8,000,000	



**Discussion of Transit  
Funding and Program  
FFY 2016 – 2019**

# NEXT STEPS

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



# THANK YOU

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