CAPE COD COMMISSION

FFY 2017 - 2021

Transportation Improvement Program (TIP)

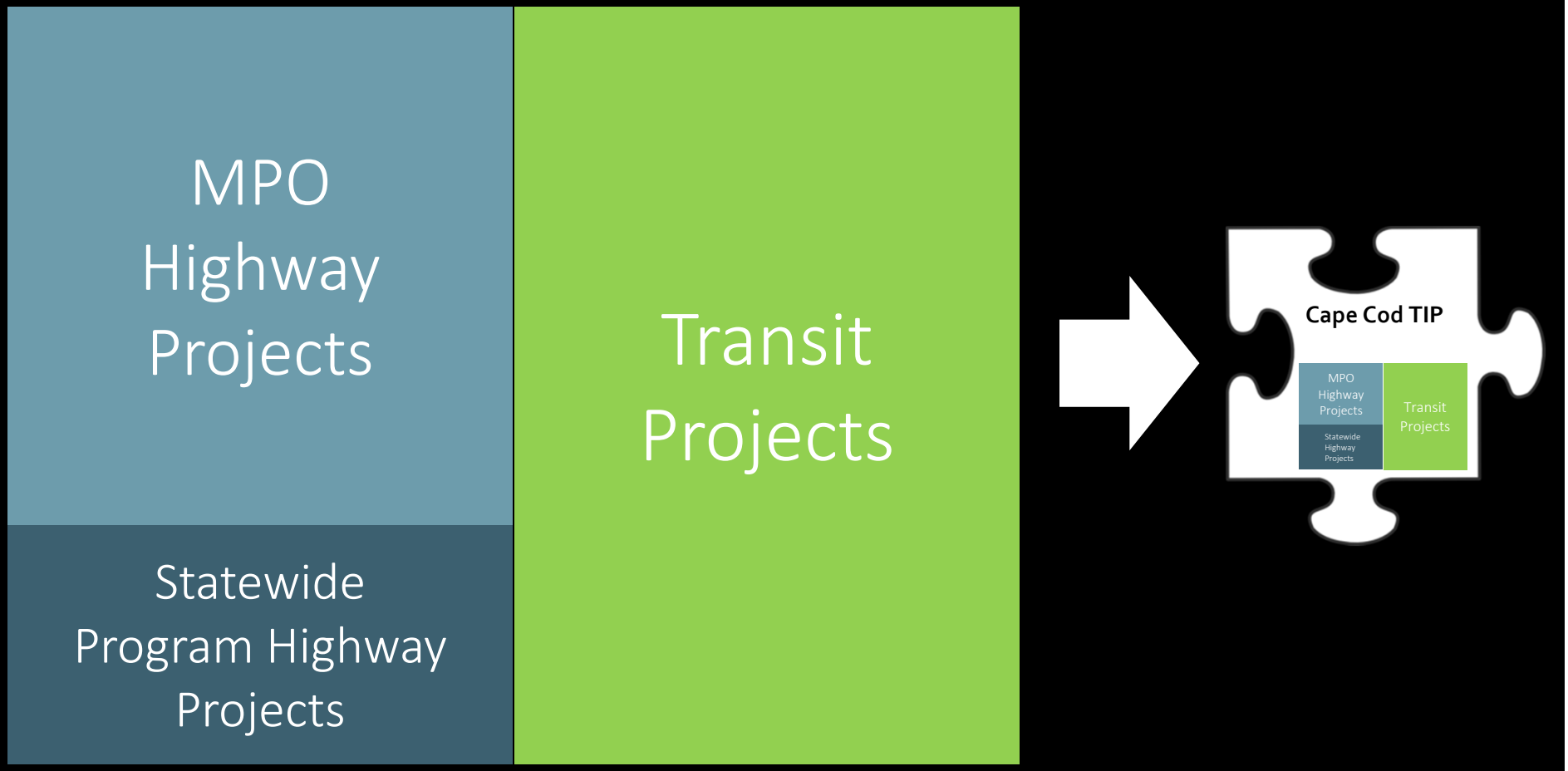
Development

June 10, 2016 – Cape Cod Joint Transportation Committee

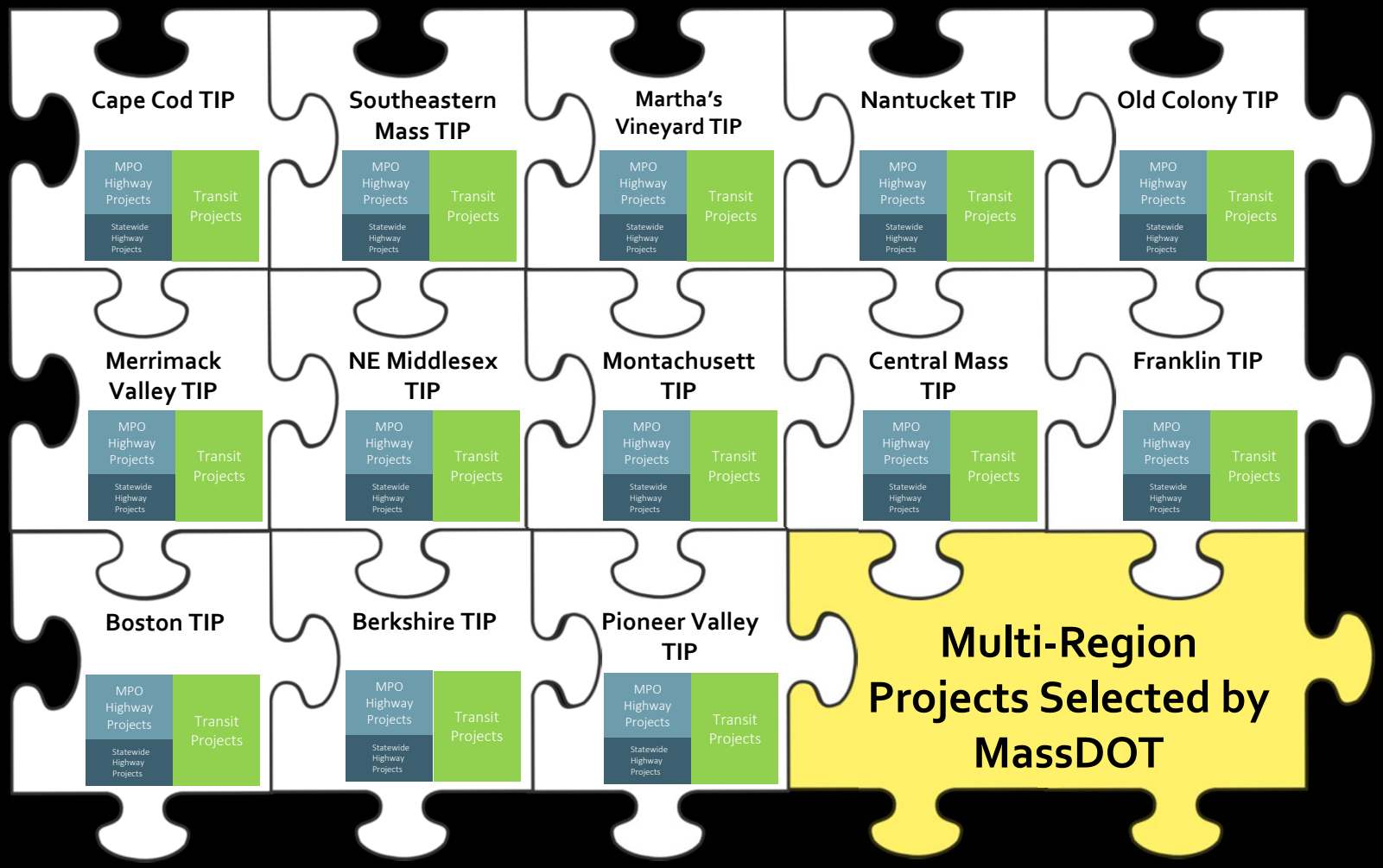
Transportation Improvement Program (TIP)

+ The TIP is a **five-year** schedule of regional priority roadway, transit, and multimodal projects receiving federal funding
+ **Financial constraint** is required for each year
+ Critical decisions must be made on which projects receive funding

Cape Cod Transportation Improvement Program (TIP)



State Transportation Improvement Program (STIP)



Cape Cod FFY2017-2021

Transportation Improvement Program (TIP)

Development Schedule

CCJTC and Cape Cod MPO preliminary discussions

March, April, and May 2016 meetings

CCJTC review of draft and recommendation

June 27, 2016

Cape Cod MPO review and potential vote to release draft

June 27, 2016

30-Day Public Comment Period

June 27, 2016 – July 27, 2016

Cape Cod MPO review and potential vote to approve

August 1, 2016

Project Selection

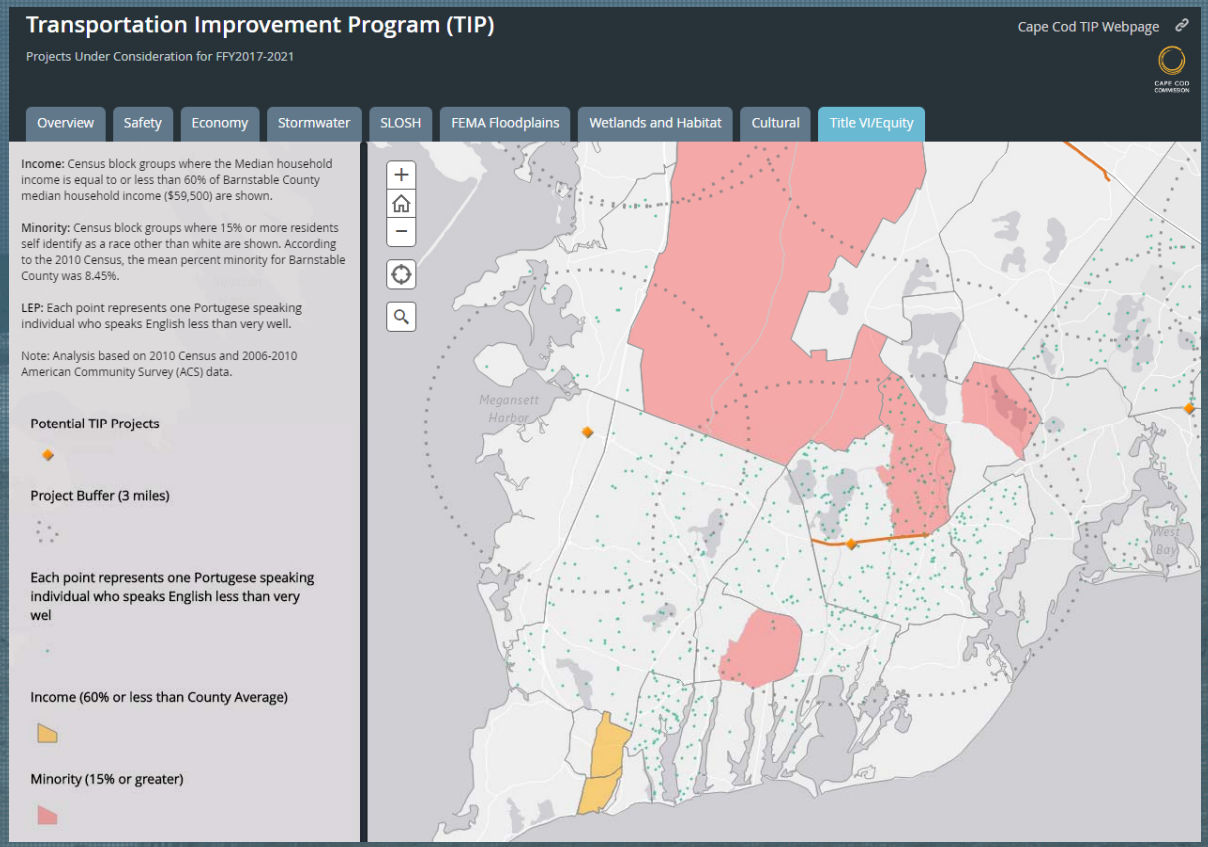
Project selection involves the weighing many factors including but not limited to:

+ Project evaluation score
+ Project readiness
+ Project cost (in relation to available funding)
+ Project qualification for different funding programs
+ Greenhouse gas (GHG) impacts
+ Title VI/Equity
+ Community support

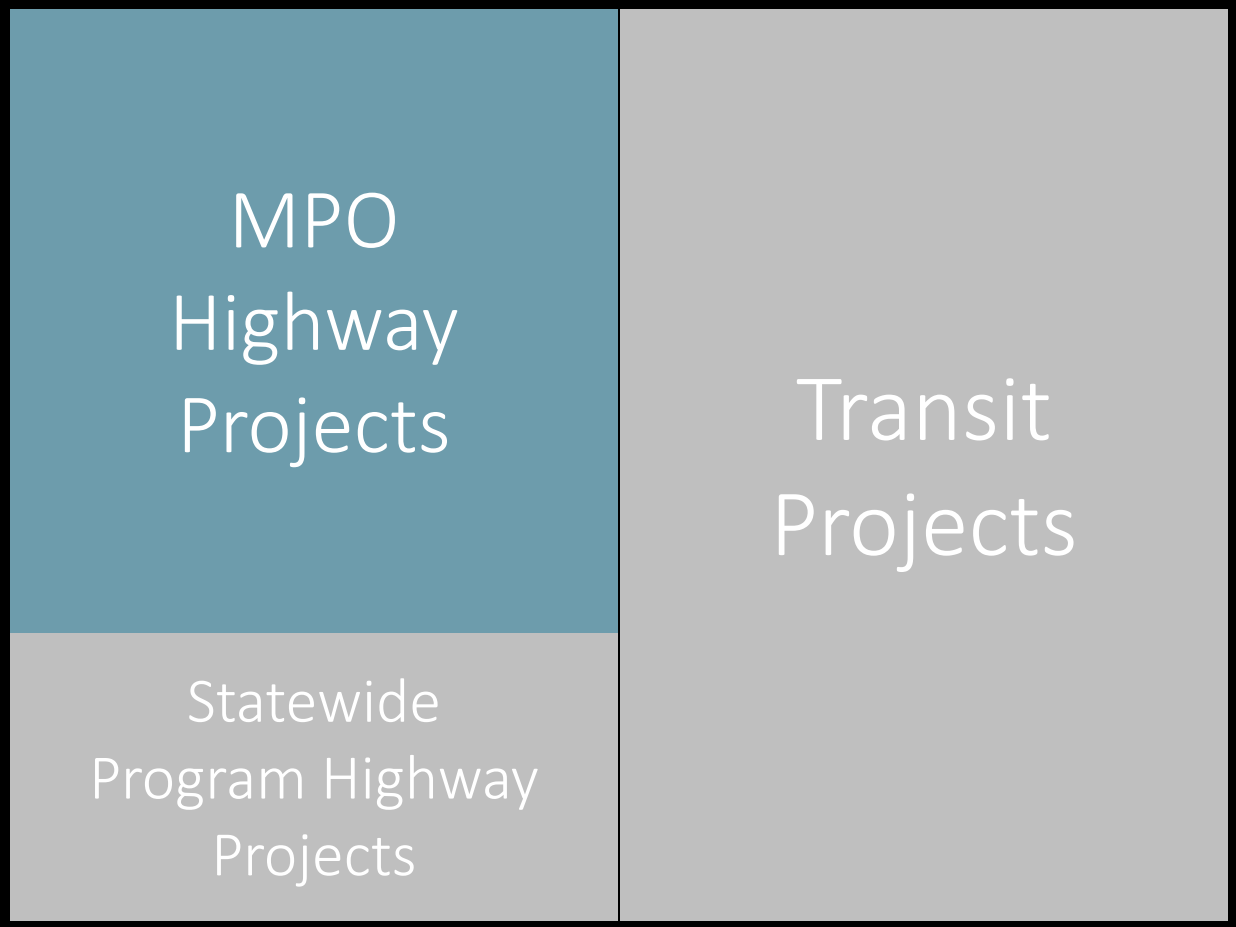
Project Selection Discussion

Review of handouts and interactive maps at:

www.capecodcommission.org/tip



Cape Cod Transportation Improvement Program (TIP)



Highway Funding for MPO Projects

DRAFT FFY 2017 – 2021 Regional Targets

Year	STP	HSIP	CMAQ	TAP	TOTAL Regional Target with State Match
2017	$7,433,200	$458,514	$1,432,857	$193,036	$9,517,607
2018	$8,069,313	$458,514	$1,146,285	$210,307	$9,884,419
2019	$8,086,584	$458,514	$1,146,285	$193,036	$9,884,419
2020	$8,271,336	$458,514	$1,146,285	$242,367	$10,118,502
2021	$7,093,978	$458,514	$2,246,285	$319,725	$10,118,502
2017-2021	**$31,860,433**	**$2,292,570**	**$7,117,997**	**$1,158,471**	**$49,523,449**

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

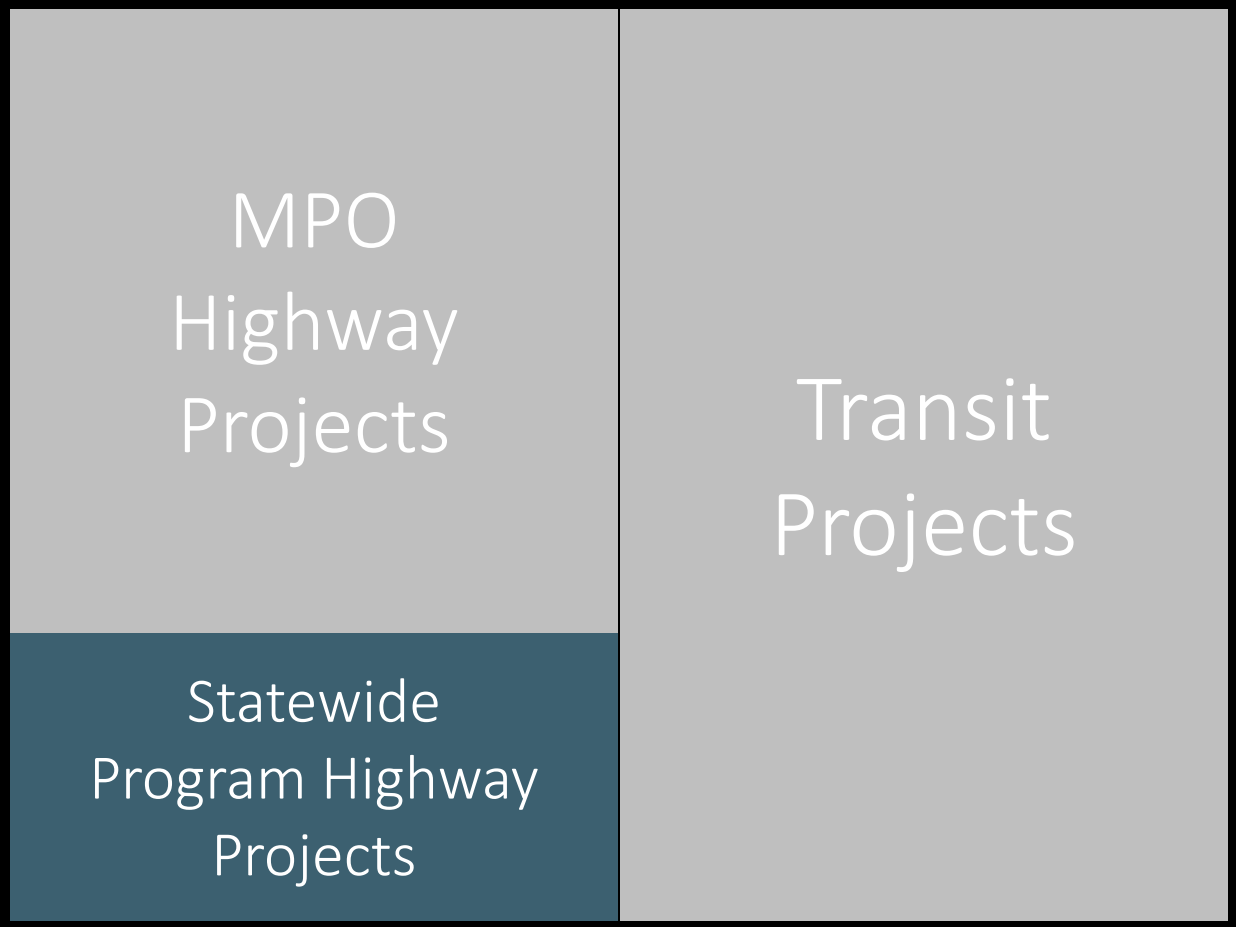
FFY 2017-21 MPO Highway Projects -

Programming Discussion

	2017	2018	2019	2020	2021
MPO Projects	Dennis, Rte 28 Corridor & Streetscape Improvements	Falmouth, Rte 28A at Rte 151	Wellfleet, Rte 6 at Main St	Mashpee, Rte 151 [AC Year 1 of 2]	Mashpee, Rte 151 [AC Year 2 of 2]
	$5,597,012	$2,909,773	$2,320,464	$3,240,112	$6,000,000
	Cape Cod, Bicycle Rack Program	Barnstable, Rte 28 at Osterville-West Barnstable Rd	Barnstable, Rte 28 at Yarmouth Rd	Bourne, Belmont Circle Multi-modal Improvements	Chatham, Rte 28 at Main St, Depot Rd, Queen Anne Rd and Crowell Rd
	$100,000	$2,404,331	$6,646,775	$6,048,000	$3,072,000
	Barnstable, CCRTA Hyannis Loop Demo (Year 2 of 3)	Chatham, Rte 28 - George Ryder Rd to Barn Hill Rd	Cape Cod, Bicycle Rack Program	Cape Cod, Bicycle Rack Program	Cape Cod, Bicycle Rack Program
	$685,464	$3,465,044	$100,000	$100,000	$100,000
		Cape Cod, Bicycle Rack Program			
		$100,000			
		Barnstable, CCRTA Hyannis Loop Demo (Year 3 of 3)			
		$711,828			
Programmed	$6,382,476	$9,590,976	$8,874,203	$9,388,112	$9,172,000
Target	$9,517,607	$9,884,419	$9,884,419	$10,118,502	$10,118,502
Over/Under	$3,135,131	$293,443	$1,010,216	$730,390	$946,502

Unprogrammed Projects	**Project Description**	**Estimated Cost**
	Sandwich, Shared Use Path on Servivce Rd (Rte 130 to Chase Rd)	$5,000,400
	Dennis, Route 28 Streetscape Improvements (Phase 2)	$4,500,000
	Yarmouth, Rte 6 Exit 8 Ramps	$5,000,400
	Bourne, Rte 6 Scenic Highway Median Installation	$8,050,000
	Yarmouth, Rte 28 Resurfacing and Related Work	$4,000,000
	Barnstable, Route 132 at Route 6A	$1,200,000
	Barnstable, Rte 28 Resurfacing and Related Work	$2,875,000

Cape Cod Transportation Improvement Program (TIP)



Cape Cod 2016-19 TIP:
DRAFT Statewide Program Highway Projects

FFY	Project	Estimated Cost
2017	Yarmouth-Barnstable, Cape Cod Rail Trail Extension	**$8,100,000**
2017	Harwich-Brewster-Orleans, Route 6 Resurfacing	**$7,026,614**

Cape Cod Transportation Improvement Program (TIP)

MPO Highway Projects

Statewide Highway Projects

Transit Projects

Transit Funding Programs Reflected in the TIP

Federal Programs

5307 – Urbanized Area Funding

(Capital Preventive Maintenance, Paratransit, Mobility Management)

5339 – Bus and Bus Facilities

(Capital)

State Programs

State Contract Assistance

(Operating)

Regional Transit Authority Capital Assistance Program

(Capital)

2017-2021 CCRTA TIP Project: Summary

Project Description	Program*	2017	2018	2019	2020	2021
Acquire - ADP Software	5307/RTACAP	$472,000				
Acquire - ADP Hardware	5339/RTACAP	$405,189		$29,707	$24,000	$26,000
Bus Overhaul Program	5307/5339/ RTACAP	$726,000	$650,000	$771,000	$1,056,000	$845,300
Preventive Maintenance	5307/SCA	$5,041,517	$4,879,536	$5,361,377	$5,541,833	$5,800,000
Operating Assistance	5307/SCA	$600,000	$600,000	$600,000	$600,000	$600,000
Mobility Management	5307/SCA	$1,183,200	$1,206,864	$1,231,001	$1,255,621	$1,285,360
ADA Paratransit Service	5307/SCA	$511,463	$532,126	$542,769	$553,624	$572,184
Acquisition of Bus Shelters	5339/RTACAP	$64,000	$66,000	$64,000	$70,000	$72,000
Rehab/Renovate Bus Stations	5339/RTACAP	$470,000	$462,000	$120,000	$645,000	$186,500
Expansion of Bus Over 30'			$1,100,000			
Acquisition of Bus Over 30'				$1,150,000	$1,800,000	$2,900,000
Acquisition of Bus Equip	5339/RTACAP	$56,661	$76,107	$195,127	$298,666	$548,300
TOTAL		$9,532,047	$9,572,633	$10,064,981	$11,844,744	$12,835,644

*Federal Funding Programs - 5307 Urbanized Area Funding; 5339 Bus and Bus Facilities Funding;
State Funding Programs - RTACAP Capital Matching Funds; SCA State Contract Assistance

THANK YOU

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CAPE COD COMMISSION

Potential Motion:

1. Recommend the MPO release the FFY2017-2021 TIP as presented by staff for a 30-day public comment period