

# Cape Cod Joint Transportation Committee Meeting

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**January 12, 2024 | 8:30 A.M.**

THANK YOU FOR JOINING THIS VIRTUAL MEETING  
Please review the notes below while you wait for the meeting to begin

The meeting will be held virtually, with all members of the Cape Cod Joint Transportation Committee participating remotely, pursuant to Chapter 20 of the Acts of 2021, as further amended by Chapter 2 of the Acts of 2023. If anyone is having a technical issue, use either the chat box on your screen or call (508) 362 – 3828 and staff will assist you.

Participants wishing to speak should click the “Raise Hand” icon on the lower toolbar to notify the chair. Telephone participants should press \*9 to indicate that they wish to speak. All participants will be muted until they are recognized by the chair.

This meeting is being recorded for purpose of creating minutes. Meeting materials may be accessed at: [www.capecodcommission.org/jtc](http://www.capecodcommission.org/jtc).



\* 1. Call to Order

2. Roll call
3. Potential approval of prior meeting minutes
4. Public Comment
5. FFY 2024-2028 TIP Amendment 1
6. FFY 2025 UPWP Development
7. FFY 2025-2029 TIP Development
8. Cape Cod Canal Bridges Program
9. Reports
10. New Business
11. Adjourn

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# 1. CALL TO ORDER

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After calling the meeting to order, the chair will read a series of procedural meeting announcements.

**\* 1. Call to Order**

2. Roll call
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4. Public Comment
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# Meeting Announcements

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- If anyone is having a technical issue, use either the chat box on your screen or call (508) 362 – 3828 and staff will assist you.
- Participants wishing to speak should click the “Raise Hand” icon on the lower toolbar to notify the chair. Telephone participants should press \*9 to indicate that they wish to speak and \*6 to unmute themselves.

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# Meeting Announcements

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- This meeting is being recorded for purpose of creating minutes. Please raise your hand now to notify the chair if you are also recording this meeting.
- Meeting materials, including today's presentation, may be accessed at [www.capecodcommission.org/jtc](http://www.capecodcommission.org/jtc).
- Because there are members participating remotely today, we will be taking a roll call on each action we take today.
- We ask members to please state their name when making a motion.
- We ask if a member is arriving late or leaving early, please use the chat function to alert CCC Staff.



## 01-12-24 JTC Meeting

### AGENDA PROGRESS

1. Call to Order
- \* 2. Roll call
3. Potential approval of prior meeting minutes
4. Public Comment
5. FFY 2024-2028 TIP Amendment 1
6. FFY 2025 UPWP Development
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## 2. ROLL CALL

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Staff will take roll call to identify voting members who will be participating remotely and confirm a quorum is present.

- 1. Call to Order
- \* 2. Roll call
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- 5. FFY 2024-2028 TIP Amendment 1
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# Roll Call Vote

## Roll Call

Members		(P, A)
Griffin Beaudoin	Representing Barnstable	
Matt Sawicki	Representing Bourne	
Griffin Ryder	Representing Brewster	
Rob Faley	Representing Chatham	
Tom Andrade	Representing Dennis	
John Roughley	Representing Eastham	
Jim McLoughlin	Representing Falmouth	
Lincoln Hooper	Representing Harwich	
Catherine Laurent	Representing Mashpee	
Ron Trudeau	Representing Orleans	
Jim Vincent	Representing Provincetown	
Paul Tilton	Representing Sandwich	
Jarrold Cabral	Representing Truro	
Jay Norton	Representing Wellfleet	
Amanda Lima	Representing Yarmouth	
Sean Polay	Bicycle Representative	

Present 0

Absent 0

## 01-12-24 JTC Meeting

### AGENDA PROGRESS

1. Call to Order
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# 3 . POTENTIAL APPROVAL OF PRIOR JTC MEETING MINUTES

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Meeting minutes from December 8, 2023

**POTENTIAL ROLL CALL VOTE** [Next Slide]

- 1. Call to Order
- 2. Roll call
- \* 3. Potential approval of prior meeting minutes
- 4. Public Comment
- 5. FFY 2024-2028 TIP Amendment 1
- 6. FFY 2025 UPWP Development
- 7. FFY 2025-2029 TIP Development
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# Roll Call Vote

## Vote to approve December 8, 2023 Minutes

Members		(Y, N, A)
Griffin Beaudoin	Representing Barnstable	
Matt Sawicki	Representing Bourne	
Griffin Ryder	Representing Brewster	
Rob Faley	Representing Chatham	
Tom Andrade	Representing Dennis	
John Roughley	Representing Eastham	
Jim McLoughlin	Representing Falmouth	
Lincoln Hooper	Representing Harwich	
Catherine Laurent	Representing Mashpee	
Ron Trudeau	Representing Orleans	
Jim Vincent	Representing Provincetown	
Paul Tilton	Representing Sandwich	
Jarrold Cabral	Representing Truro	
Jay Norton	Representing Wellfleet	
Amanda Lima	Representing Yarmouth	
Sean Polay	Bicycle Representative	

Yes 0

No 0

Abstain 0

## 01-12-24 JTC Meeting

### AGENDA PROGRESS

1. Call to Order
2. Roll call
3. Potential approval of prior meeting minutes

#### \* 4. Public Comment

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# 4 . PUBLIC COMMENT

- Participants wishing to speak should click “Participants” icon on the lower toolbar and then click “Raise Hand” in the dialog box to notify the chair. Telephone participants should press \*9 to indicate that they wish to speak.
- We ask that members of the public who wish to provide comment identify themselves by first and last name and affiliation for the public record and then provide their comment.
- The chat space is reserved for questions regarding technical difficulties.

## 01-12-24 JTC Meeting

### AGENDA PROGRESS

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1. Call to Order
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- \* 5. FFY 2024-2028 TIP Amendment 1**
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If anyone is having a technical issue, use either the chat box on your screen or call (508) 362- 3828 and staff will assist you.

# 5 . Federal Fiscal Years 2024-2028 Transportation Improvement Program (TIP) Amendment #1

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Staff will describe the 2024-2028 TIP draft Amendment 1. Committee members may vote to recommend the Cape Cod Metropolitan Planning Organization release the draft 2024-2028 TIP Amendment 1 for a 21-day public comment period.

**POTENTIAL ROLL CALL VOTE**

## FFY 2024-2028 Transportation Improvement Program (TIP) Amendment 1

### \* 5. FFY2023-27 TIP Amendment 1

- FFY2024-28 TIP approved by the CCMPO on May 22, 2023
- Amendment 1 to include:
  - Request from Steamship Authority to allocate \$2,500,000 of the FTA 5307 Passenger Ferry grant to support the Woods Hole Terminal Solar Power project.
  - Program a Community Transit Grant award of \$24,992 to Outer Cape Community Solutions group who will convene a Regional Transportation Work Group to enhance mobility across the Outer Cape, starting with a needs assessment of transportation available to older adults and persons with disabilities in the most rural communities on Cape Cod
  - Update CCRTA transit project listing to reflected anticipated FFY2024 spending

- 1. Call to Order
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- \* 5. FFY 2024-2028 TIP Amendment 1
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# Roll Call Vote

## Vote to recommend CCMPO release 2024-20208 TIP Amendment 1 for a 21-day public comment period

Members		(Y, N, A)
Griffin Beaudoin	Representing Barnstable	
Matt Sawicki	Representing Bourne	
Griffin Ryder	Representing Brewster	
Rob Faley	Representing Chatham	
Tom Andrade	Representing Dennis	
John Roughley	Representing Eastham	
Jim McLoughlin	Representing Falmouth	
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Paul Tilton	Representing Sandwich	
Jarrold Cabral	Representing Truro	
Jay Norton	Representing Wellfleet	
Amanda Lima	Representing Yarmouth	
Sean Polay	Bicycle Representative	

Yes 0

No 0

Abstain 0



## 01-12-24 JTC Meeting

### AGENDA PROGRESS

1. Call to Order
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4. Public Comment
5. FFY 2024-2028 TIP Amendment 1

#### **\* 6. FFY 2025 UPWP Development**

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If anyone is having a technical issue, use either the chat box on your screen or call (508) 362-3828 and staff will assist you.

# 6 . Federal Fiscal Year 2025 Unified Planning Work Program (UPWP) Development

Staff will provide an overview of the development of the 2025 UPWP which summarizes all significant transportation planning activities for that year on Cape Cod. Committee members may ask questions and suggest potential tasks and studies for inclusion in the 2025 UPWP.

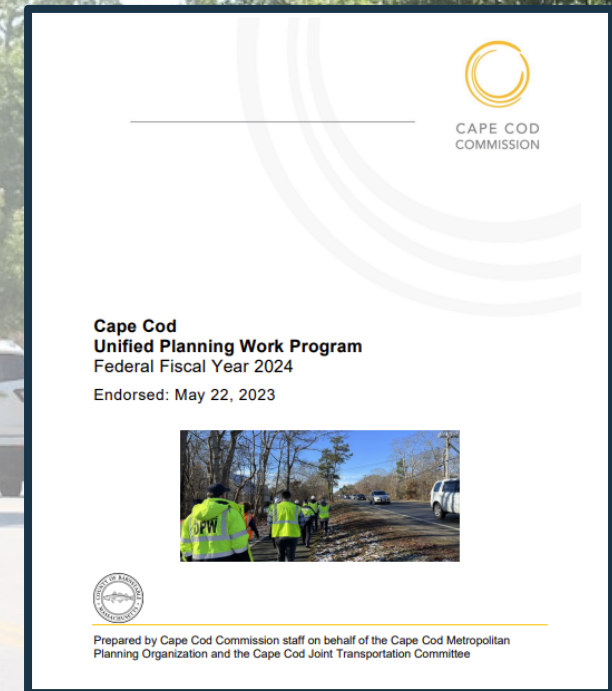
# Introduction

## \* 6. FFY 2025 UPWP Development

The **Unified Planning Work Program** (UPWP) is developed annually by the Cape Cod Commission transportation staff on behalf of the Cape Cod Metropolitan Planning Organization, in accordance with federal planning regulations.

The UPWP describes all significant transportation planning activities planned on Cape Cod over the twelve (12) month period, regardless of lead organization and funding source.

The UPWP is developed under the framework of the **Cape Cod Regional Transportation Plan** (RTP).



# Unified Planning Work Program (UPWP)

## \* 6. FFY 2025 UPWP Development

**Kick-off Discussion**

January



**Project Discussion/Selection**

February-March

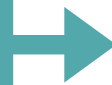


**Draft Document Released**

April



**21-Day Public Comment  
Period April – May**



**Potential Approval**

May

**CAPE COD  
FFY 2025 UPWP  
Development  
Schedule**





# FFY 2025 UPWP OUTLINE

## \* 6. FFY 2025 UPWP Development

- Task 1: Management & Support of the Planning Process & Certification Activities
- Task 2: Data Collection & Analysis Activities
- Task 3: Short- & Long-Range Transportation Planning
- Task 4: Technical Assistance Activities





# Task 1 – Management & Support of the Planning Process & Certification Activities

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1.1 – Unified Planning Work Program

1.2 – Transportation Improvement Program

1.3 – CCJTC and MPO Activities

1.4 – Environmental Justice/Title VI

1.5 – Public Participation Plan

1.6 – Regional Transportation Plan/Canal  
Bridges Program Coordination



## Task 2 – Data Collection & Analysis Activities

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2.1 – Traffic Counting Program

2.2 – Performance Standards

2.3 – Database Management

2.4 – Pavement Management/Stormwater

2.5 – Healthy Transportation

2.6 – Geographic Information Systems



## Task 3 – Short- & Long-Range Transportation Planning

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- 3.1 – Corridor Planning Study (Chatham Parking, Station Ave, Mashpee Rotary, Various Rt. 28 Locations)
- 3.2 – Transportation Safety (Road Safety Audits, Interchange Intersection Crash Analysis, Non-Motorist Crash Analysis)
- 3.3 – Bicycle Planning (Sidewalk Connections to Transit Stops, Rail Trail & Side-Path Inventories)
- 3.4 – Climate Change (Low-Lying Roads, EV Charging Station Siting Analysis)
- 3.5 – Follow up on Previous Studies



## Task 4 – Technical Assistance Activities

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- 4.1 – Transit Planning/Support (TMA Research, Ferry Ridership Surveys)
- 4.2 – Transit Study (CCRTA Fleet Electrification Support)
- 4.3 – Transit Data Collection and Analysis
- 4.4 – Other Technical Assistance Requests

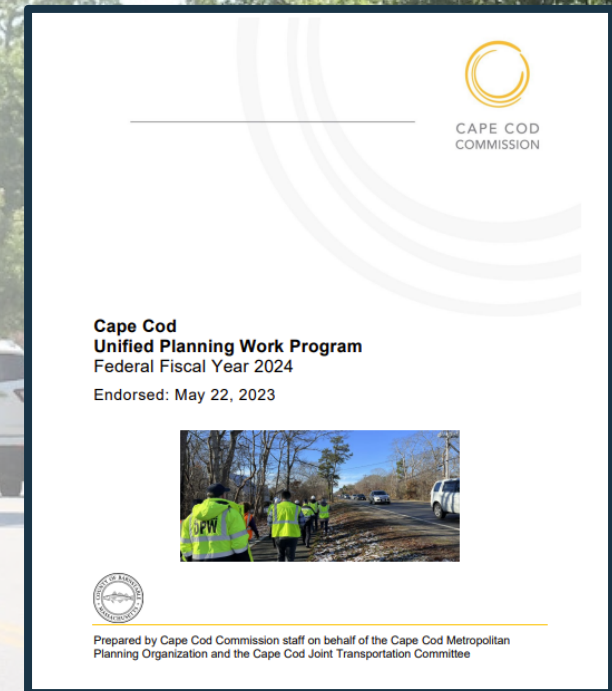




## Next Steps

### \* 6. FFY 2025 UPWP Development

- Begin discussing potential projects (CCC staff, MPO & JTC) – January & February
- Project selection – March (Vote)
- Draft UPWP Document – April (Vote)
- Final UPWP Document – May (Vote)
- Begin work on FY25 UPWP projects - October



## 01-12-24 JTC Meeting

### AGENDA PROGRESS

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# 7. Federal Fiscal Years 2025-2029 Transportation Improvement (TIP) Development

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As part of the development of the 2025-2029 TIP, Staff will present an overview of the projects that are currently programmed on the 2024-2028 TIP, and an overview of projects that are eligible to be programmed onto the 2025-2029 TIP.

# FFY 2025-2029 TIP DEVELOPMENT

## \* 7. FFY 2025-2029 TIP Development

### Transportation Improvement Program (TIP)



**Five-year (5) schedule of regional construction projects**



**Roadway, Transit, Multimodal Projects**



**Financially Constrained each year**



**Critical decision-making process**





# FFY 2025-2029 TIP DEVELOPMENT

## \* 7. FFY 2025-2029 TIP Development

Regionally  
Prioritized  
Projects

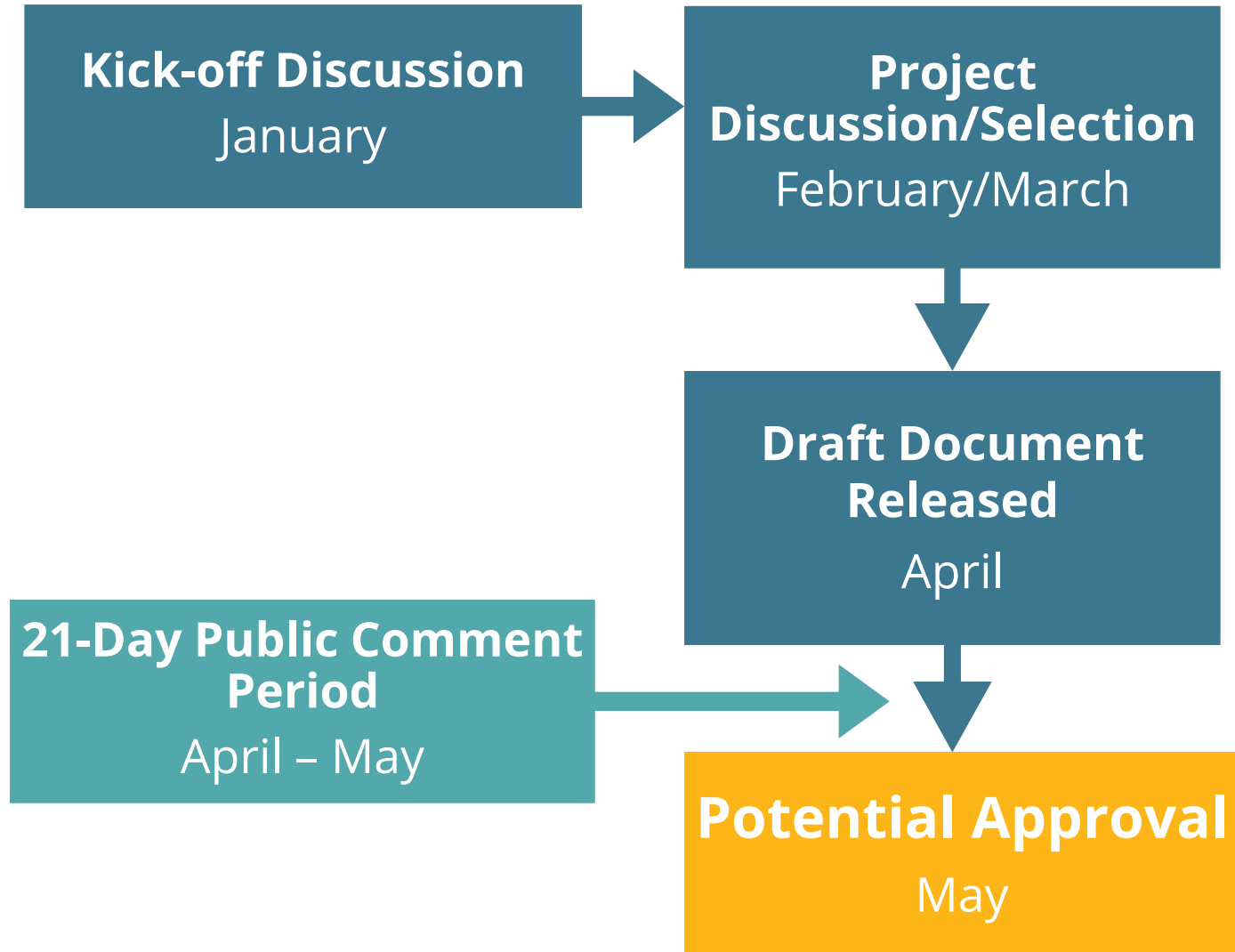
State Prioritized  
Projects

Transit  
Projects

**13 Regional TIPs + Statewide program categories =  
State Transportation Improvement Program (STIP)**



# CAPE COD FFY 2025-2029 TIP DEVELOPMENT SCHEDULE





# FFY 2025-2029 TIP DEVELOPMENT

## \* 7. FFY 2025-2029 TIP Development

### Getting a Project on the TIP:



MassDOT Project Need/Initiation  
Acceptance



MassDOT Project Review Committee (PRC)  
Approval



Project must be selected from the list of  
eligible projects by the Cape Cod  
Metropolitan Planning Organization  
(MPO) based on a number of factors  
(detailed on next slide)



# FFY 2025-2029 TIP DEVELOPMENT

## \* 7. FFY 2025-2029 TIP Development

### Project Selection Factors:

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





# FFY 2025-2029 TIP DEVELOPMENT

## \* 7. FFY 2025-2029 TIP Development

### Cape Cod TIP Project Readiness Guidelines

In order to move into:	The project should
Year 5 (entry onto TIP)	<ul style="list-style-type: none"><li>Have completed MassDOT Pre-25% Design Submission (conceptual design level)</li></ul>
Year 4	<ul style="list-style-type: none"><li>25% Design has been submitted</li><li>Have designer under contract through PS&amp;E</li></ul>
Year 3	<ul style="list-style-type: none"><li>Be at 75% design level</li></ul>
Year 2	<ul style="list-style-type: none"><li>Be at 100% design level</li></ul>
Year 1	<ul style="list-style-type: none"><li>Be at PS&amp;E design level with accepted right-of-way plans</li></ul>





# FFY 2025-2028 Currently Programmed TIP Projects

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**Project Readiness Updates**



CAPE COD  
COMMISSION

	2024	2025	2026	2027	2028
Regionally Prioritized Projects	Harwich, Sidewalk Installation on Route 28 to Saquatucket Harbor	Dennis/Harwich, Rte 28 Reconstruction (Upper County Rd to Herring River Bridge)	Provincetown, Shank Painter Rd Improvements [AC Year 2 of 3]	Chatham, Rte 28 at Main St, Depot Rd, Queen Anne Rd and Crowell Rd	Yarmouth, Corridor Improvements on Rte 28 [AC Year 1 of 2]
	\$2,561,843	\$7,849,976	\$7,325,217	\$3,048,976	\$15,472,242
	Mashpee, Route 151 Corridor Improvements (Phase 2) [AC Year 1 of 3]	Provincetown, Shank Painter Rd Improvements [AC Year 1 of 3]	Mashpee, Route 151 Corridor Improvements (Phase 2) [AC Year 3 of 3]	W Dennis, Rt 28 Streetscape Improvements (Phase 2) [AC Year 1 of 2]	W Dennis, Rt 28 Streetscape Improvements (Phase 2) [AC Year 2 of 2]
	\$11,379,754	\$2,457,392	\$6,044,254	\$10,366,197	\$1,393,803
		Mashpee, Route 151 Corridor Improvements (Phase 2) [AC Year 2 of 3]		Provincetown, Shank Painter Rd Improvements [AC Year 3 of 3]	
		\$3,397,392		\$3,139,269	
Programmed	\$13,941,597	\$13,704,760	\$13,369,471	\$16,554,442	\$16,866,045
Target	\$13,941,597	\$13,704,760	\$13,369,471	\$16,554,442	\$16,866,045
Over/Under	\$0	\$0	\$0	\$0	\$0
State Prioritized Projects	Yarmouth-Barnstable, Cape Cod Rail Trail Extension	Harwich, Harwich Elementary School (SRTS)	Barnstable, Route 6 Resurfacing and Related Work [AC Year 1 of 3]	Barnstable, Route 6 Resurfacing and Related Work [AC Year 2 of 3]	Barnstable, Route 6 Resurfacing and Related Work [AC Year 3 of 3]
	\$12,259,819	\$2,495,106	\$16,658,015	\$21,904,341	\$8,633,644
	Sandwich Quaker Meetinghouse Bridge Preservation over Rt 6	Bourne, Rail Trail (Phase 1)	Provincetown/Truro/Wellfleet, Resurfacing and Related Work on Route 6		Bourne - Resurfacing and Related Work on Route 28
	\$1,553,571	\$4,200,239	\$14,665,155		\$8,964,480
	Barnstable, Park and Ride Expansion and Improvements	Bourne, Rte 6 Scenic Highway Median Installation			Falmouth - Resurfacing and Related Work on Route 28
	\$2,037,700	\$25,938,101			\$8,124,060
	Dennis/Yarmouth, Bass River Bridge & Rt 28 at N. Main St Intersection				
	\$51,916,289				



# FFY 2025-2028 Currently Programmed TIP Projects

## Regionally Prioritized TIP Target Projects

- Mashpee, Route 151 Improvements (Phase 2) (2024-2026)
- Dennis/Harwich, Route 28 Reconstruction (Upper County Rd to Herring River Bridge) (2025)
- Provincetown, Shank Painter Road Improvements (2025-2027)
- Bourne, Rail Trail – Phase 1 (2025)
- Chatham, Route 28 at Main St, Depot Rd, Queen Anne Rd and Crowell Rd (2027)
- W. Dennis, Route 28 Streetscape (Uncle Barneys Rd to Old Main St) (2027-2028)
- Yarmouth, Route 28 Corridor Improvements (2028 Year 1)





## FFY 2025: Dennis/Harwich Rt 28 Reconstruction (Upper County Rd to Herring River)

Proponent: Towns

Programmed Amount:  
\$7,849,976

- Regionally Prioritized Project
- Roadway reconstruction
- Traffic Signal Improvements
- Multi-modal Improvements





## FFY 2025: Dennis/Harwich Rt 28 Reconstruction (Upper County Rd to Herring River

### Current Design Status:

- Design Public Hearing held January 2023
- Working on 75% submission and ROW Plans

### Next milestone:

- 75% design submission due Feb 2024

### Project Changes:

- Extended lighting to Herring River
- Included water/sewer improvements (non-participating costs)

Overall Project Readiness: On Track. Bid advertising is scheduled in March 2025



\* 7. FFY 2025-2029 TIP Development

## FFY 2025-2027: Provincetown Shank Painter Road

Proponent: Town

Programmed Amount:

\$2,457,392 (2025)

\$7,325,217 (2026)

\$3,139,269 (2027)

- Regionally Prioritized Project
- Route 6 reconstruction
- Shared Use Path
- Roundabout construction
- Complete Streets improvements on Shank Painter Rd





## FFY 2025-2027: Provincetown Shank Painter Road

Current Design Status: 75% Design

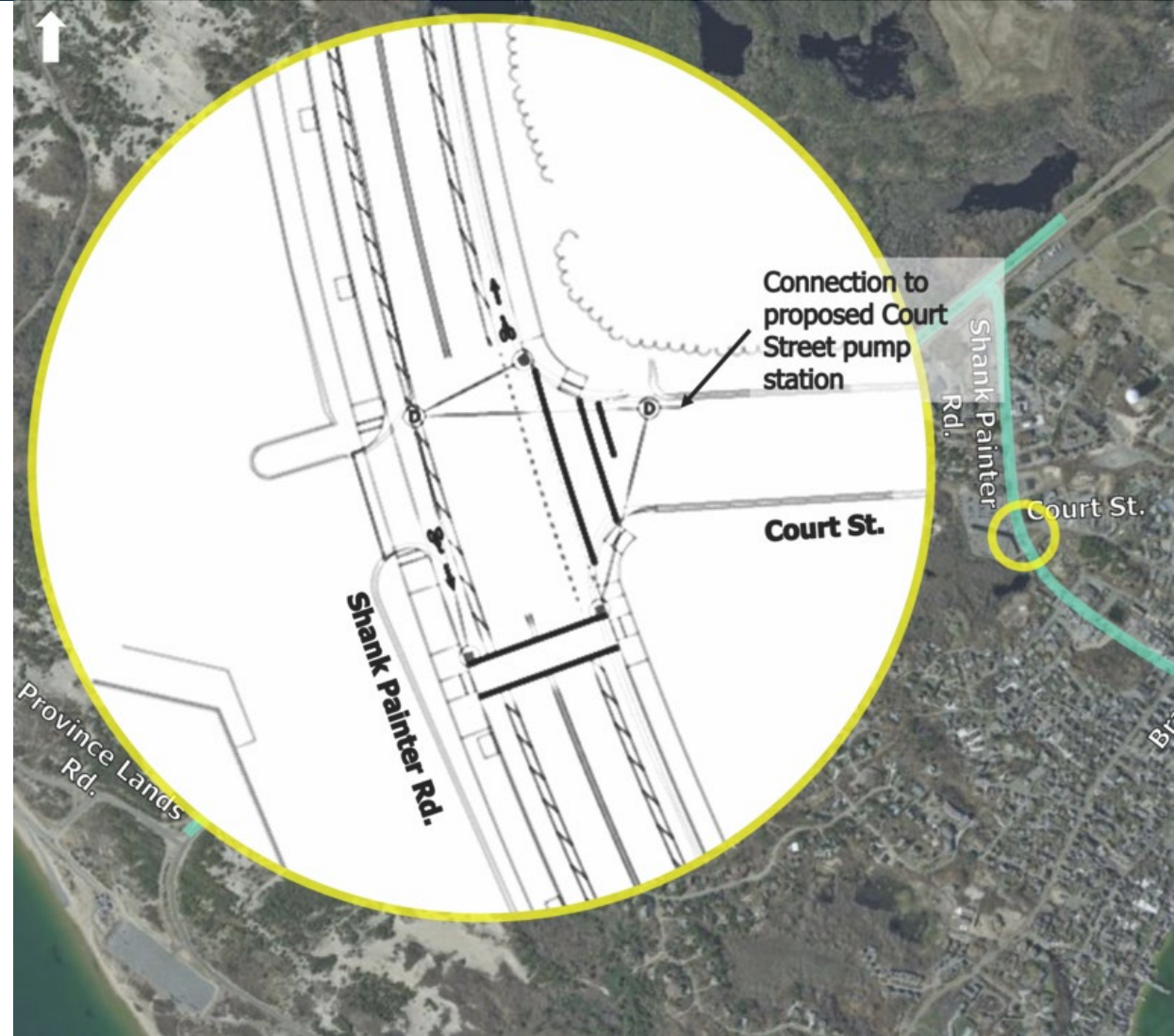
- Design Public Hearing held June 2023

Next milestone: 75% submission due April 2024

Project Changes:

- Town awarded a FLAP grant
- Court Street pump station redesign
- Separate into shared use path and a ped path
- Additional stormwater and utilities work requested

Overall Project Readiness: Scheduled for bid advertisement September 2025.



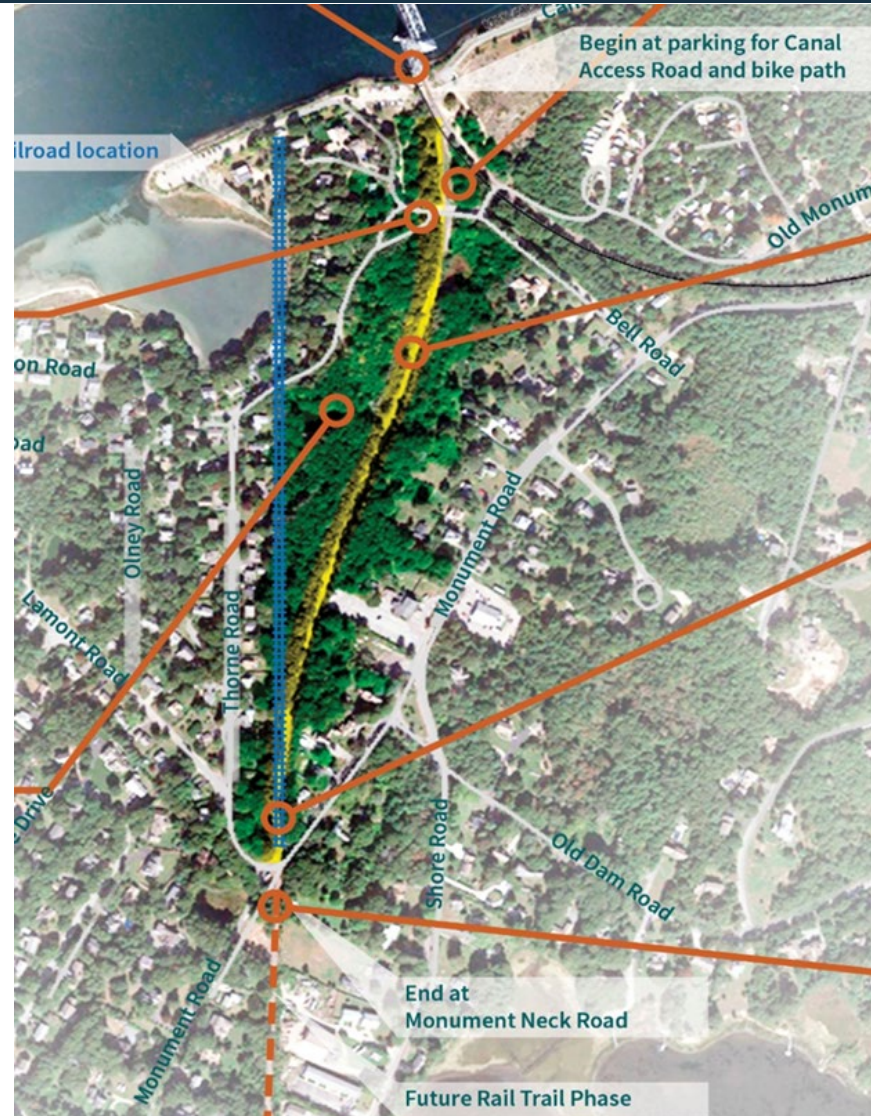
\* 7. FFY 2025-2029 TIP Development

# FFY 2025: Bourne Rail Trail (Phase 1)

Proponent: Town

Programmed Amount:  
\$4,200,2239

- State Prioritized Project
- Shared use path construction from Cape Cod Canal to Monument Neck Rd in Gray Gables (0.5 mile)
- Path to be separated by fence from adjacent to rail line





## FFY 2025: Bourne Rail Trail (Phase 1)

### \* 7. FFY 2025-2029 TIP Development

#### Current Design Status:

- 100% design

#### Next milestone:

- 100% highway design submission end of January 2024

#### Project Changes:

- Potential Article 97 land issues

#### Overall Project Readiness: On Track





\* 7. FFY 2025-2029 TIP Development

## FFY 2027: Chatham Route 28 at Crowell Rd, Depot Rd, Queen Anne Rd

Proponent: Town

Programmed Amount:  
\$3,048,976

- Regionally Prioritized Project
- Traffic Signal Improvements
- Multi-modal Improvements





## FFY 2027: Chatham Route 28 at Crowell Rd, Depot Rd, Queen Anne Rd

Current Design Status: 25% Design

Next milestone: 25% design to be submitted Jan 2024

Project Changes: Additional complete streets components

Overall Project Readiness: On Track



\* 7. FFY 2025-2029 TIP Development

# FFY 2027: Dennis Route 28 Streetscape (From Uncle Barneys Rd to Old Main St)

Proponent: Town

Programmed Amounts:

\$10,366,197 (2027)

\$1,393,803 (2028)

- Regionally Prioritized Project
- Roadway Reconstruction
- Streetscape
- Intersection improvements
- Multi-modal improvements

## West Dennis Center – Enlargement Plan



## Main Street at Old Main Street – Intersection Realignment



0 25 50 100  
SCALE: 1" = 20'



## FFY 2027: Dennis Route 28 Streetscape

Current Design Status: Pre-25% Design;  
- MassDOT scoping checklist complete Oct 2023

Next milestone: 25% design due 3/30/24

Project Changes:

- Public Info sessions held
- Cross section update to include SUP, utility poles shifted to north side

Overall Project Readiness: On Track



\* 7. FFY 2025-2029 TIP Development

# FFY 2028: Yarmouth Route 28 Corridor Improvements

Proponent: MassDOT

Programmed Amount:

\$15,472,242 (2028)

\$10,451,936 (unfunded)

- Regionally Prioritized Project
- Roadway Reconstruction (2.5 mi)
- Shared Use Path, Bike Lanes, Sidewalk
- New Traffic Signal at Rt 28 and Old Townhouse Road
- New Roundabout at Rt 28 and East Main St





## FFY 2028: Yarmouth Route 28 Corridor

Current Design Status: 75% design

- Design public hearing held Nov 2023

Next milestone: 75% design

Project Changes: ICE completed

Overall Project Readiness: Ahead of schedule



# FFY 2025-2028 Currently Programmed State-Prioritized TIP Projects

\* 7. FFY 2025-2029 TIP Development

FFY	Project
2025	Harwich Elementary Safe Routes to School
2025	Bourne, Scenic Highway Median
2026-2028	Barnstable, Route 6 Resurfacing and Related Work
2026	Provincetown/Truro/Wellfleet, Route 6 Resurfacing
2028	Bourne, Route 28 Resurfacing and Related Work
2028	Falmouth, Route 28 Resurfacing and Related Work

\*State-prioritized projects have not yet been determined for the FFY2025-29 TIP





\* 7. FFY 2025-2029 TIP Development

# FFY 2025-2029 Eligible TIP Projects Currently Unfunded

- Town of Bourne/Falmouth – Shining Sea Bikeway Extension/Bourne Rail Trail Phase 4
- Town of Falmouth – Route 28 Corridor Improvements
- Town of Barnstable – Route 132 Corridor Improvements
- **Town of Sandwich – Shared Use Path from Route 130 to Canal\***
- MassDOT – Route 151 at Route 28A Intersection Improvements
- MassDOT - Mashpee – Mashpee Rotary Improvements
- MassDOT - Barnstable – Airport Rotary Improvements
- MassDOT – Orleans/Eastham – Rotary Improvements on Route 6
- MassDOT – Wellfleet/Truro – Shared Use Path Construction Along Route 6
- MassDOT – Barnstable – Route 28 at Santuit-Newtown Road
- MassDOT – Barnstable – Route 28 from Lincoln Rd to Garden Ln
- MassDOT – Barnstable – Pedestrian Improvements on Route 6A
- MassDOT – Wellfleet – Route 6 at School Street
- **MassDOT – Provincetown/Truro – Route 6 Corridor Modernization\***
- **MassDOT – Harwich – Old Colony Trail Modernization\***

*\*Newly eligible projects this TIP development cycle*



# Sandwich – Shared Use Path from Route 130 to Canal

Proponent: Town

Cost Estimate: \$20,476,000

Project Description:

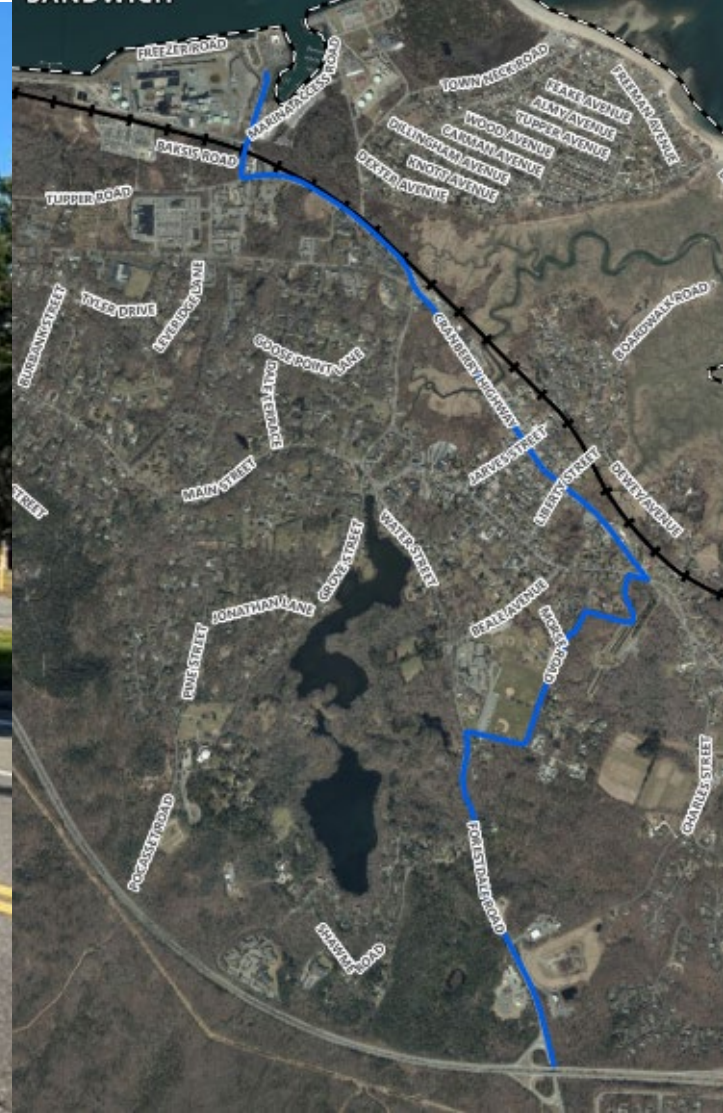
Shared Use Path connection from Cape Cod Canal Path to connect to Service Road Shared Use Path via Route 130

Design Status: Pre-25%

PRC Approved (Dec 2022)

Survey to be completed in April 2024; Consultant selected

Public Feedback: Preferred Alternative selected during feasibility study in 2022





01-12-24 JTC Meeting

AGENDA PROGRESS

\* 7. FFY 2025-2029 TIP Development

# Harwich – Old Colony Trail Modernization

Proponent: MassDOT

Cost Estimate: \$1,921,154

Project Description:

Rail trail repaving  
Crossing upgrades

Design Status:

PRC Approved (Dec 2022)  
Design underway

Public Feedback: Town supportive





# Provincetown/Truro – Route 6 Corridor Modernization

Proponent: MassDOT

Cost Estimate: \$11,160,000

Project Description:

Road diet

Multimodal improvements

Design Status:

PRC Approved (Dec 2022)

Public Feedback: None



\* 7. FFY 2025-2029 TIP Development

# Falmouth Route 28 Corridor Improvements

Proponent: Town

Cost Estimate: \$10,000,400

Project Description:

Multi-modal improvements with key intersection upgrades. Includes HSIP-eligible crash clusters. Project will be phased.

Design Status: Pre-25% Design

Contract Status: 25% Design

Public Feedback: Public meeting held Sept 2022 with Select Board





\* 7. FFY 2025-2029 TIP Development

# Barnstable Route 132 Corridor Improvements

Proponent: Town

Cost Estimate: \$26,237,325

Project Description:

Multi-modal improvements with key intersection upgrades. Includes HSIP-eligible crash clusters. Project may be phased.

Design Status: Pre-25%

PRC approved (Sept 2022)

RSA completed (Jan 2023)

Public Feedback: Engineering study underway with a public info session to be scheduled





\* 7. FFY 2025-2029 TIP Development

# Bourne Rail Trail (Phase 4)/ Falmouth Shining Sea Bikeway Extension

Proponent: Town of Bourne/Town of Falmouth

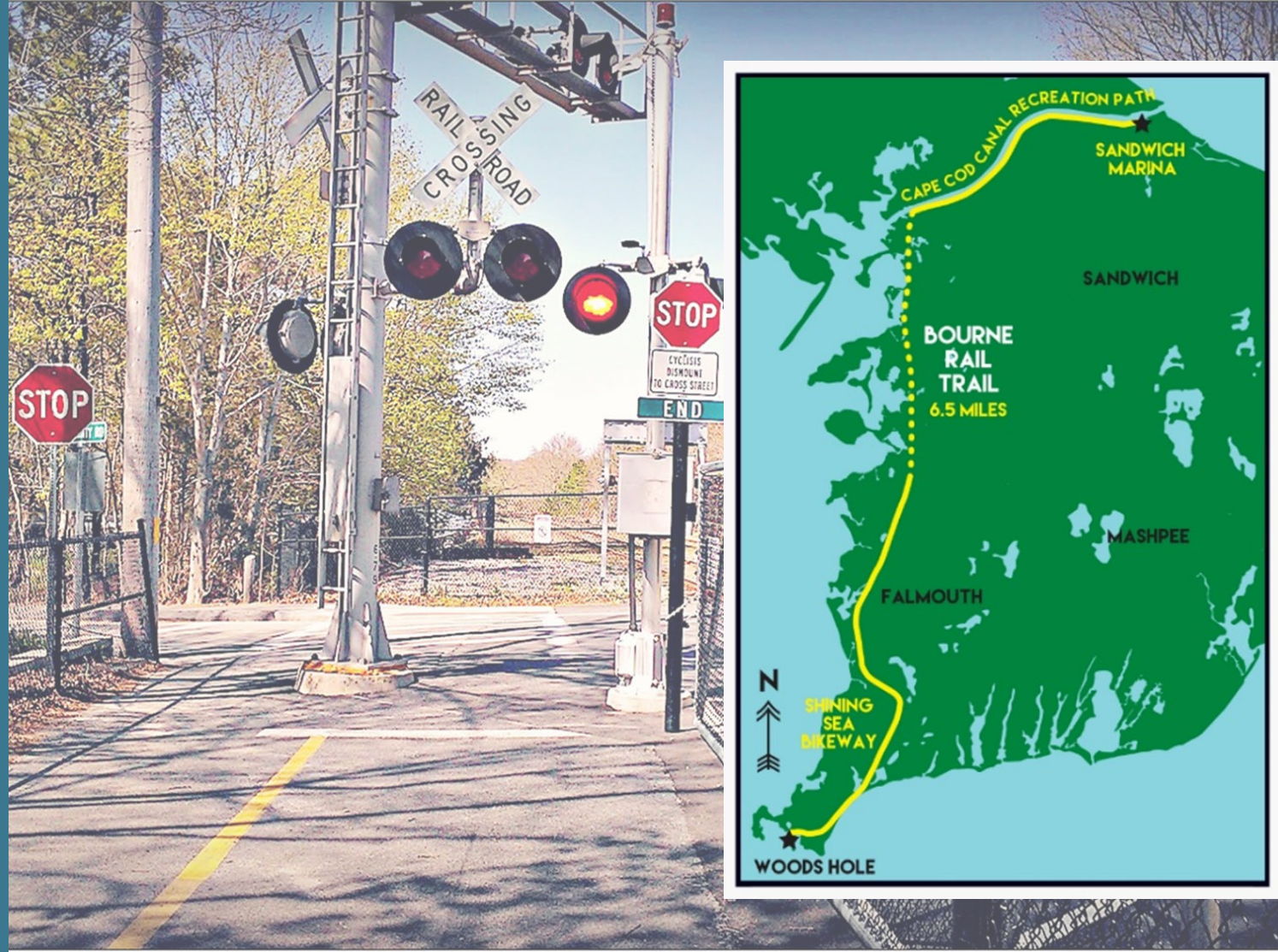
Cost Estimate: \$6,375,000

Project Description:

Proposed 10-ft shared use path adjacent to railroad tracks. Extends from Shining Sea Bikeway in North Falmouth to Scraggy Neck in Cataumet village (1.3 miles)

Design Status: Pre-25%

Public Feedback: General support





# Mashpee Rotary Improvements

Proponent: MassDOT

Cost Estimate: \$6,178,601

Project Description: Shared use path construction around rotary and on Route 28 to Quinaquisset Ave. Implement rotary retrofit improvements.

Design Status: Pre-25% underway  
Designer selected

Public Feedback: Strong public support from Mashpee Rotary planning study





# Barnstable Airport Rotary Improvements

Proponent: MassDOT

Cost Estimate: \$12,897,676

Project Description: Shared use path construction around rotary and on Route 28 to connect to Mary Dunn Road to the east and Walton Ave to the west. Implement rotary retrofit improvements.

Design Status: Pre-25%  
25% design due September 2024

Public Feedback: Hyannis Access Study





# Eastham/Orleans Rotary Improvements

Proponent: MassDOT

Cost Estimate: \$7,439,125

Project Description:  
Rotary Retrofit improvements  
Connectivity to CCRT  
Resiliency elements

Design Status: Pre-25%  
PRC Approved (May 2022)  
Design underway

Public Feedback: None





# Wellfleet/Truro – Shared Use Path Along Route 6

Proponent: MassDOT

Cost Estimate: \$28,036,750

Project Description:

Shared Use Path installation on Route 6 from Main St (Wellfleet) to Shore Rd (Truro)

Design Status: Pre-25%

PRC Approved (Oct 2021)

Design commencing by MassDOT

Public Feedback: None





## Barnstable – Pedestrian Improvements on Route 6A

Proponent: MassDOT

Cost Estimate: \$4,584,650

Project Description:  
Reconstruction/installation of sidewalk from Route 132 to Old Jail Lane. Support Safe Routes to School.

Design Status:  
PRC Approved (Sept 2022)  
RSA held (Nov 2023)  
Designer selected

Public Feedback: None





## Barnstable – Route 28 Corridor from Lincoln Road to Garden Lane

Proponent: MassDOT

Cost Estimate: \$10,414,775

Project Description:  
Multi-modal corridor improvements and key intersection upgrades at Pitcher's Way and Lincoln Rd. Includes high crash intersection.

Design Status:  
PRC Approved (May 2022)  
Survey is complete.  
RSA completed (January 2023)  
No designer assigned yet.

Public Feedback: None





## Barnstable – Route 28 at Santuit-Newtown Road

Proponent: MassDOT

Cost Estimate: \$4,617,450

Project Description:

Intersection improvement project  
with multi-modal accommodations.  
RSA completed Dec 2021

Design Status:

PRC Approved (May 2022)  
RSA completed (Dec 2021)  
Survey complete  
No designer assigned yet.

Public Feedback: CCC Route 28  
Cotuit Corridor Study (2017) -  
Strong public support





# Welfleet –Rt 6 at School Street/Lawrence Road Intersection Improvements

Proponent: MassDOT

Cost Estimate: \$6,027,800

Project Description:

Intersection signal upgrade with multi-modal connections to the Route 6 and Main Street project limits. Includes Safe Routes to School element

Design Status:

PRC Approved (Dec 2022)  
No designer under contract yet.

Public Feedback: None





# Falmouth Route 28A at Route 151 Intersection Improvements

Proponent: MassDOT

Cost Estimate: \$3,918,911

Project Description:  
Intersection upgrade with multi-modal accommodations. Includes HSIP eligible cluster.

Design Status: On Hold  
25% Design (submitted 2017)

Public Feedback: Falmouth Select Board not supportive of roundabout alternative; JTC & MPO removed from TIP in 2018



## 01-12-24 JTC Meeting

### AGENDA PROGRESS

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6. FFY 2025 UPWP Development
7. FFY 2025-2029 TIP Development
- \* 8. Cape Cod Canal Bridges Program**
9. Reports
10. New Business
11. Adjourn

If anyone is having a technical issue, use either the chat box on your screen or call (508) 362- 3828 and staff will assist you.

# 8. Cape Cod Canal Bridges Program

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Staff will provide an update on the status of the Cape Cod Canal Bridges Program, a program that will include the eventual replacement of the Bourne and Sagamore bridges, as well as improvements to the approach roadway networks.



SETTING THE CONTEXT

## By The Numbers

### The Critical Connection for Residents, Businesses, and Millions of Visitors

The Bourne and Sagamore Bridges provide the only roadway connections for:



**229,000**

Year-round residents



**8,600**

Businesses



**34,000**

Daily commuters



**5 Million**

Annual Visitors



**\$15 Billion**

Economic activity  
within the region  
(GDP 2021)



**6,600**

Daily truck  
trips over the  
bridges



**122**

Daily school bus crossings  
over the bridges, splitting  
students and schools

## SETTING THE CONTEXT

# By The Numbers

**<1 Million**

1935 (ESTIMATED  
CROSSINGS)



ANNUAL  
COMBINED VEHICLE  
CROSSINGS

**38 Million**

PRESENT DAY

*This is nearly as much traffic  
as the Golden Gate Bridge.*



Traffic today far surpasses the design of the bridges. The Army Corps MRER report outlines that major rehabilitation or bridge replacement is required and recommends replacement as the best path forward.



*One tractor trailer load could become two box truck loads, increasing traffic and costs.*

The Bourne and Sagamore Bridges are listed in poor and fair condition, respectively. If no major action is taken, weight limits could be imposed as early as 2026. This would significantly increase the cost of goods to the Cape.



SETTING THE CONTEXT

# Existing Reports

Major Rehabilitation Evaluation Report  
And Environmental Assessment

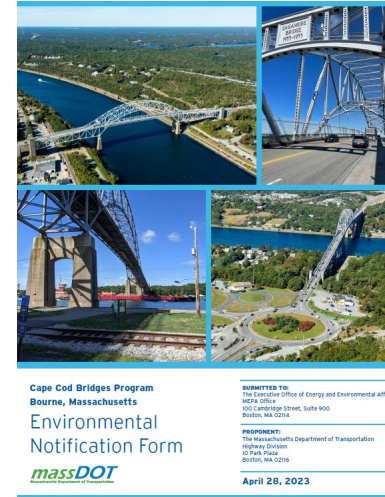
## Cape Cod Canal Highway Bridges Bourne, Massachusetts



March 2020

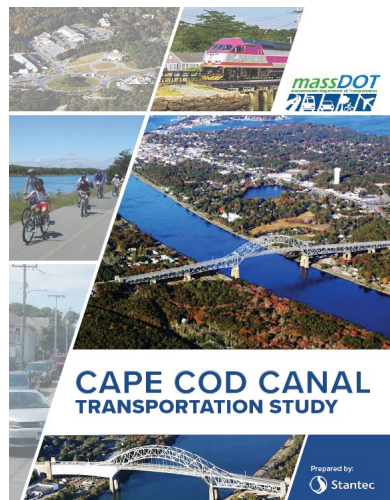
## Cape Cod Canal Bridges Major Rehabilitation Evaluation Report (2020)

*US Army Corps of Engineers*



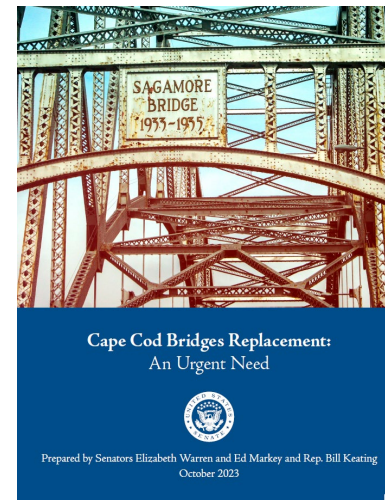
## Cape Cod Canal Bridges Program Documents (2021-2023)

*MassDOT & US Army Corps of Engineers*



## Cape Cod Canal Area Transportation Study (2019)

*MassDOT*



## Cape Cod Canal Bridges Replacement: An Urgent Need (2023)

*Massachusetts Federal Delegation*

SETTING THE CONTEXT

# Structural Deterioration

**Exhibit 1-1 Photos of Fracture Critical Gusset Plate Deterioration (Bourne Bridge 2020)**



Source: Cape Cod Bridges Program Purpose and Need Statement, August 2022, Prepared by MassDOT

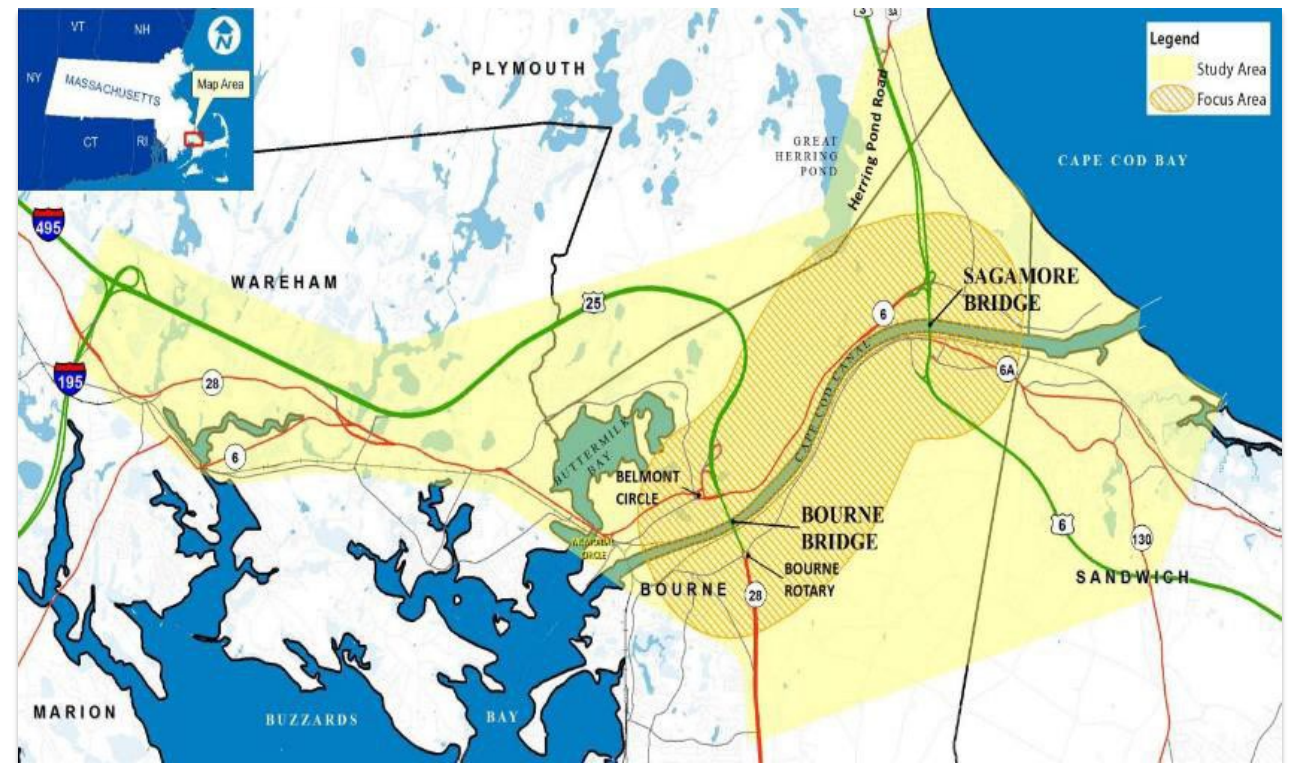


# Closure Scenario: Major Rehabilitation



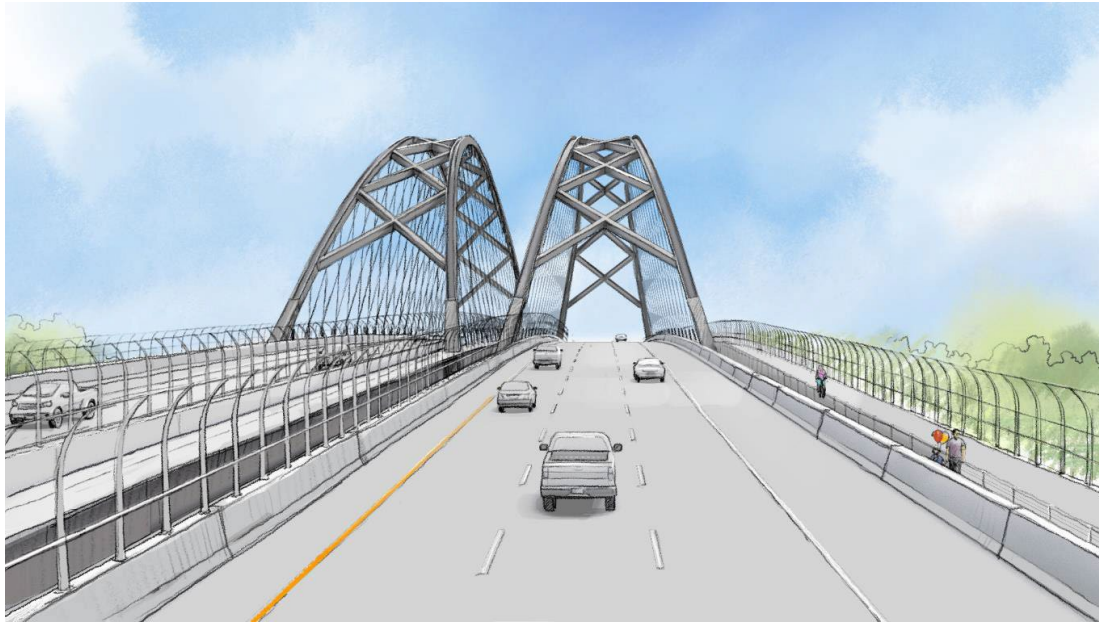
# Scope

- The Program will include multiple projects. Projects may include:
- Replacement of the Bourne and Sagamore Bridges
- Improvements to the approach roadway network
- Multimodal improvements
- Utility relocations
- Targeted improvements independent of bridge replacements

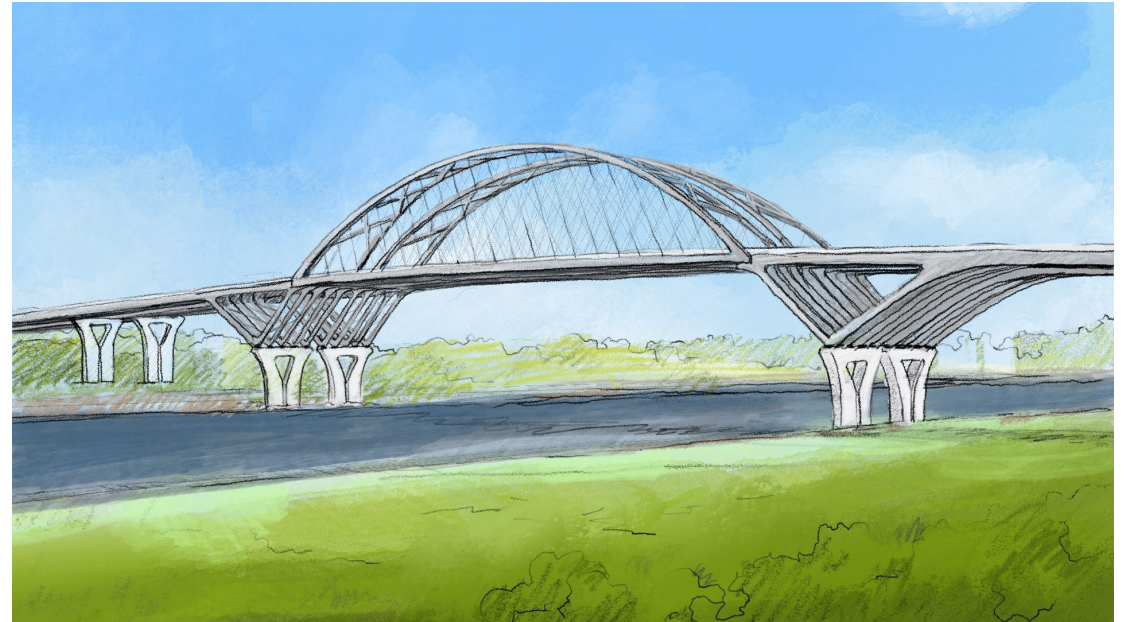




# Preferred Bridge Type – Twin Arch



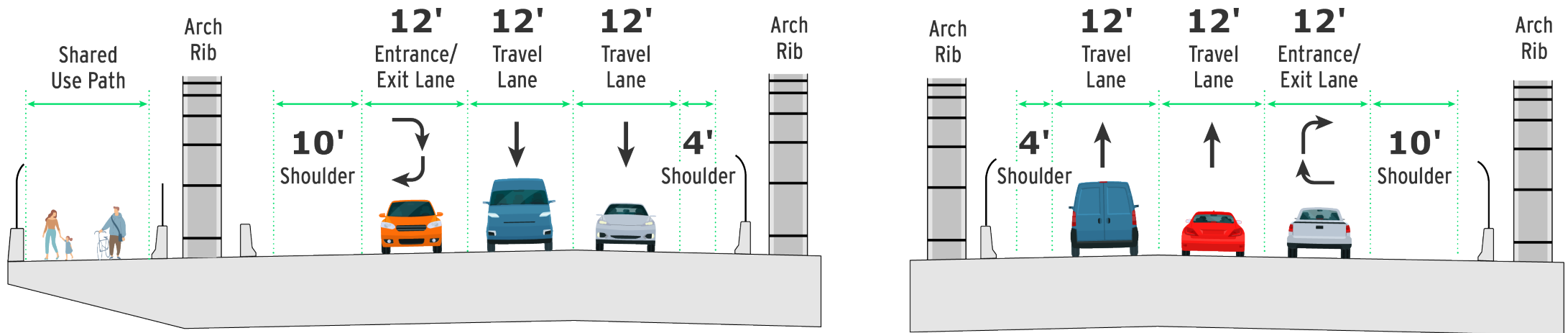
*Drive-Through View*



*Canal View*

# Conceptual Lane Configuration

- Lane configuration described below is consistent with state and federal design guidelines
- Lane configuration is applicable for both directions of travel at each crossing (Bourne and Sagamore)





# Funding

The Sagamore Bridge was chosen as Phase 1 over the Bourne Bridge due to a combination of value to the overall program and cost. Specifically:

- Traffic Volumes and Operations
  - The Sagamore Bridge carries significantly more traffic than the Bourne Bridge
  - The improvements to the bridge cross-section, particularly the addition of the Auxiliary Lanes, provide a greater benefit to the Sagamore crossing compared to the Bourne Bridge and allows for more flexibility in traffic management for Phase 2
- Cost
  - Sagamore has lower overall cost (reduces the amount of MassDOT/USACE matching funds required)
- Structural Condition is similar for both Bridges and therefore was not a key factor

# Funding

PRESS RELEASE

## Healey-Driscoll Administration Celebrates \$372 Million Win for Cape Cod Bridges

Award is full amount of August MEGA and INFRA application; administration is optimistic about outstanding BIP application

FOR IMMEDIATE RELEASE:

12/15/2023

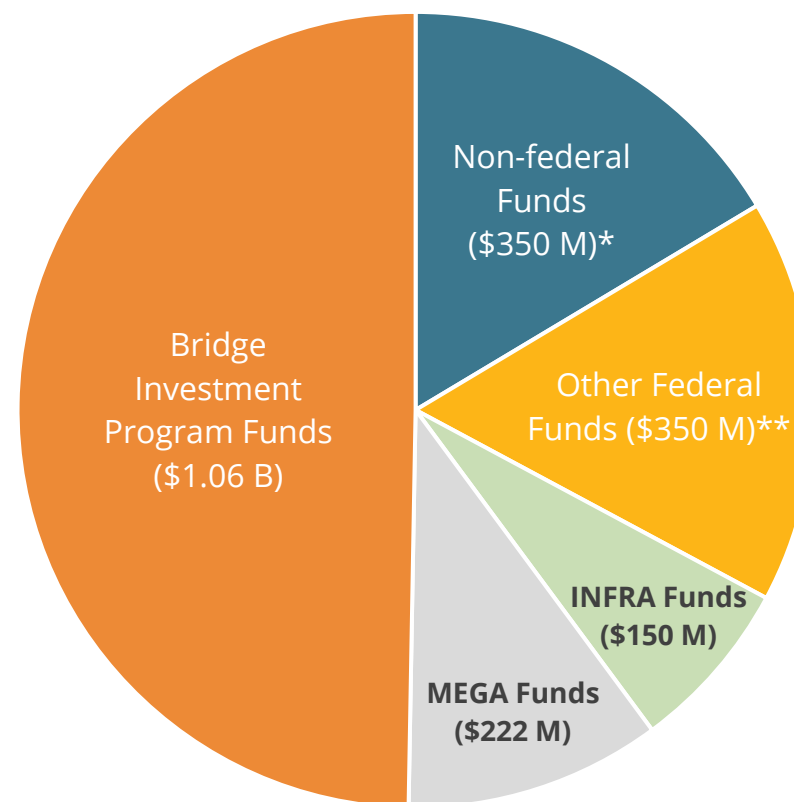
Governor Maura Healey and Lt. Governor Kim Driscoll

Massachusetts Department of Transportation

**BOSTON** — The Healey-Driscoll Administration is today celebrating news that it has won \$372 million in federal funding to rebuild the Cape Cod Bridges. The award announced today represents the full amount the administration applied for in August 2023 from the Federal Multimodal Project Discretionary Grant program, which includes the Nationally Significant Multimodal Freight & Highway Projects (INFRA) program and the National Infrastructure Project Assistance (MEGA) program. The administration still has [an outstanding application](#) for \$1.06 billion from the Bridge Investment Program (BIP) Large Bridge Project Program.

“This is a huge win for Team Massachusetts. Our administration said from day one that we were going to compete aggressively for federal funding to bring home to support crucial infrastructure projects in Massachusetts, like the Cape Cod Bridges project,” said **Governor Maura Healey**. “We are thrilled that our first application was a success, and we are optimistic that we are in a strong position to bring home the remaining funding. We’re grateful for the leadership of the Biden-Harris Administration and for the strong partnership of Senators Markey and Warren and Congressman Keating.”

Cape Cod Bridges Program Phase 1:  
Sagamore Bridge Replacement (Est. \$2.1 B)



\*\$262 million was included in the state’s Fiscal Year 2024-2028 Capital Investment Plan. Governor Healey has indicated a long-term commitment totaling \$700 million for the Cape Cod Bridges Program.

\*\*As reflected in the President Biden’s budget proposal being advanced by the Senate Appropriates Committee, indicates support for \$600 million in project funding (requires Congressional appropriation).



CAPE COD CANAL BRIDGES

# Questions/Discussion



## 01-12-24 JTC Meeting

### AGENDA PROGRESS

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### **\* 9. Reports**

10. New Business
11. Adjourn

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# 9. Reports

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Massachusetts Department of  
Transportation

Cape Cod Regional Transit Authority

Cape Cod Commission



## REPORTS - MASSDOT

### \* 9. Reports

#### Highway Regional TIP Target Projects

- Barnstable, Bearses Way Shared Use Path (2023)
- Wellfleet, Route 6 at Main St (2023)
- Harwich, Route 28 Sidewalk Installation (2024)
- Mashpee, Route 151 Phase 2 (2024-2026)
- Dennis/Harwich, Route 28 Reconstruction (2025)
- Provincetown, Shank Painter Road Improvements (2025-2026)
- Chatham, Route 28 at Main St, Depot Rd, Queen Anne Rd and Crowell Rd (2027)
- Dennis, Route 28 Streetscape (2027)
- Yarmouth, Corridor Improvements (2028)

#### Other Highway TIP Projects

- Wellfleet, Pavement Preservation and Related Work on Route 6 (2023)
- Bourne, Rotary Improvements (2023)
- Yarmouth-Barnstable, Cape Cod Rail Trail Extension (2024)
- Dennis/Yarmouth, Bass River Bridge Replacement & Route 28 at N Main St (2024)
- Barnstable, Park and Ride Improvements (2024)
- Bourne, Rail Trail – Phase 1 (2025)
- Harwich, Harwich Elementary School Safe Routes to School (2025)
- Bourne, Route 6 Scenic Highway Median Installation (2025)
- Barnstable, Route 6 Resurfacing and Related Work (2026-2028)
- Provincetown/Truro Route 6 Resurfacing and Related Work (2026)

#### Other Updates

- Cape Cod Canal Area Transportation Improvement Program





01-12-24 JTC Meeting

AGENDA PROGRESS

## REPORTS – CCRTA

### \* 9. Reports





## REPORTS – Cape Cod Commission

### \* 9. Reports



### **CCC Station Avenue Corridor Study**

Alternatives Presentation – December 13, 2023

Public comments are being accepted until January 13, 2024

Recording available online:

<https://www.capecodcommission.org/our-work/station-avenue-corridor-study/>

### **Low Lying Roads – Alternatives Meetings**

- Mashpee - January 29, 2024 at 6pm virtual
- Harwich – February 7, 2024 at 4pm virtual



## REPORTS – Cape Cod Commission

### \* 9. Reports

### **Grant Opportunities – CCC Assistance available**

#### **- US DOT Bridge Investment Program (BIP) – First round**

*Open to states, municipalities, MPOs, and other federal agencies*

- **Planning grants** – Up to \$20 M available FFY 2023-2026 (no min or max).  
Applications due 2/19/2024
- **Construction grants** – Up to \$9.62 B available. Applications due 3/19/2024

#### **- MassTrails Grants** – Applications Due February 1, 2024

Up to \$500,000 available. Open to municipalities, non-profits and more

#### **- US DOT RAISE Grants** – Applications Due February 28, 2024. Open to municipalities, state agencies, tribes, transit agencies, and more

#### **- Mass DER Culvert Replacement Municipal Assistance Grant (CRMA)**

- Replace undersized or degraded culverts in areas of high ecological value.
- Project inquiries due January 18<sup>th</sup> | Webinar: January 16<sup>th</sup> | Applications due early February





## 01-12-24 JTC Meeting

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9. Reports

#### \* 10. New Business

11. Adjourn

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# 10. NEW BUSINESS

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Topics not reasonably anticipated by the Chair more than 48 hours before the meeting.

## 01-12-24 JTC Meeting

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### \* 11. Adjourn

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# 10. ADJOURN

**POTENTIAL ROLL CALL VOTE** [Next Slide]



- 1. Call to Order
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\* 11. Adjourn

If anyone is having a technical issue, use either the chat box on your screen or call (508) 362-3828 and staff will assist you.

# Roll Call Vote

## Adjournment

Members		(Y, N, A)
Griffin Beaudoin	Representing Barnstable	
Matt Sawicki	Representing Bourne	
Griffin Ryder	Representing Brewster	
Rob Faley	Representing Chatham	
Tom Andrade	Representing Dennis	
John Roughley	Representing Eastham	
Jim McLoughlin	Representing Falmouth	
Lincoln Hooper	Representing Harwich	
Catherine Laurent	Representing Mashpee	
Ron Trudeau	Representing Orleans	
Jim Vincent	Representing Provincetown	
Paul Tilton	Representing Sandwich	
Jarrold Cabral	Representing Truro	
Jay Norton	Representing Wellfleet	
Amanda Lima	Representing Yarmouth	
Sean Polay	Bicycle Representative	

Yes 0

No 0

Abstain 0

# Cape Cod Joint Transportation Committee Meeting

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**THANK YOU FOR JOINING THIS VIRTUAL MEETING**

The meeting was held virtually, with all members of the Cape Cod Metropolitan Planning Organization participating remotely, pursuant to applicable law.

Meeting materials may be accessed at: [www.capecodcommission.org/jtc](http://www.capecodcommission.org/jtc)