



CAPE COD
COMMISSION

Comments on DRAFT FFY2021 UPWP Amendment #2 will be accepted through May 17, 2021 via mail, hand delivered, by facsimile, or via e-mail, as follows:

Mailed or dropped off:

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Cape Cod Unified Planning Work Program Federal Fiscal Year 2021

Endorsed: May 26, 2020

Administrative Adjustment: September 17, 2020

Amendment 1: Endorsed November 16, 2020

Amendment 2: DRAFT April 26, 2021



TASK 3.1 – ROUTE 28 EAST HYANNIS CORRIDOR STUDY

Background

Route 28 on Cape Cod is a major regional transportation route that runs from Bourne to Orleans, connecting many village centers and providing the main transportation route on the southern side of Cape Cod. The portion of Route 28 being examined in this study stretches from the intersection of Yarmouth Road in Barnstable to the intersection of East Main Street in Yarmouth. The intersection of Route 28 and Yarmouth Road was programmed for reconstruction in the 2019 and 2020 Transportation Improvement Program (TIP) and construction should be commencing in the coming years. In addition, a segment of Route 28 in Yarmouth from East Main Street to the Parkers River bridge is programmed as a future TIP resurfacing project for 2023. This project includes resurfacing Route 28 and upgrading sidewalks, wheelchair ramps, and driveway aprons as well as providing bicycle accommodations throughout the corridor. Linking these two important projects by studying the half mile that separates them is important to both towns and the Cape as whole.

Congestion is a noted issue in the corridor, especially during the peak summer season. This section of Route 28 leads into Hyannis where access to Cape Cod Hospital, the Cape Cod Regional Transit Authority, Steamship Authority and Hy-Line Cruises, and Barnstable Municipal Airport are critical. Another concern is the signalized intersection of Route 28 and East Main Street. The Route 28 East Hyannis Corridor Study will examine potential geometric and intersection improvements for this intersection. Also, of key concern is accommodation for all road users including motorists, pedestrians, bicyclists, and transit users. This is a heavily used corridor for non-motorized users looking to access their jobs, retail destinations, and public transportation from their neighborhoods.

Commission staff had originally planned to start and complete this study as part of the FFY 2021 UPWP, but given the unforeseen circumstances surrounding the COVID-19 pandemic, staff was unable to accomplish needed outreach portions for the project to be successful.

Funding under this task may also be used to support other priority tasks related to the Congestion Management Plan and to respond to the need to adapt to the unique transportation demands caused by COVID-19.

Description of Services

Cape Cod Unified Planning Work Program for FFY2021

The Cape Cod Commission, under the Unified Planning Work Program, will conduct a transportation planning study for the study area with the following study goal: Develop alternatives that will provide safe and convenient access within the study area for all users of the roadway system including pedestrians, bicyclists, and motorists.

Project Limits

The study area consists of Route 28 from Yarmouth Road (Barnstable) in the west to East Main Street (Yarmouth) in the east.



Figure 1 –East Hyannis Route 28 study area

Task A: Project Initiation

Commission staff will gather past studies and develop a plan for analysis of the study area. This task will include meeting with Commission staff and a consultation meeting with Town of Barnstable and Yarmouth staff and MassDOT District 5. Commission staff will also consult with Cape Cod Regional Transit Authority staff.

Product: Final Scope of Work and Public Participation Plan and kickoff meeting summary

Task B: Data Collection/Mapping

Commission staff will gather data including crash locations, roadway geometry, traffic volumes, pedestrian/bicycle connections and land use information. At a minimum, traffic volume data will be collected at multiple locations along Route 28 and approaching roadways.

Commission staff will visit the study area to evaluate and photograph conditions. Town staffs will be invited to attend the site visit.

Cape Cod Unified Planning Work Program for FFY2021

Task C: Public Informational Meeting

Commission staff will prepare for and host a public informational meeting in or near the study area where opportunities and constraints along the corridor will be identified. The meeting will include a brief presentation including information gathered as part of the first two tasks and focus on input from the stakeholders in attendance at the meeting.

The Commission staff will provide meeting materials, including sign-in sheets, and comment forms. Cape Cod Commission staff representatives at the meeting will include at least two key personnel knowledgeable of the project. The Town of Barnstable will secure the locations, dates, times, and advertising for the meetings in coordination with the Town of Yarmouth.

Product: Summary of Listening Session and Public Comments

Task E: Concept Development and Refinement

Information collected during the previous task will be reviewed with Town of Barnstable staff, the Town of Yarmouth staff and Cape Cod RTA staff and preliminary concepts will be developed. Conceptual design plans will illustrate options for corridor improvements with a minimum of 3 alternatives. One of these alternatives will be the “no-build” scenario and will form the basis of comparison for any of the “build” alternatives.

Product: Preliminary Concepts and Summary of Feedback

Task F: Public Review of Concepts

After review of the preliminary concepts by Commission, MassDOT District 5, Town and CCRTA staff, the preliminary concepts will be presented at a public meeting. Feedback on the preliminary concepts will be used to refine those concepts.

Product: Summary of Public Meeting

Task G: Draft and Final Report

Concepts will be refined based on public comments and feedback from Town, MassDOT District 5, CCRTA, and Commission staff.

Refined concepts will be prepared as part of a draft report. The draft report will also include an analysis of each alternative’s impact on traffic flow and safety.

All the information and comments received will be compiled into a final report document and delivered to MassDOT, the Towns of Barnstable and Yarmouth, and the Cape Cod RTA.

Schedule:

Cape Cod Unified Planning Work Program for FFY2021

The schedule for this effort allows for completion elements of the project by October 2021 with others to be completed under the FFY2022 UPWP. Milestones include coordination meetings with the Cape Cod Joint Transportation Committee and updates to the Cape Cod Metropolitan Planning Organization.

- Needed data collection (FY 2020) – Summer of 2020 and 2021
- Review of methodology/project initiation: Winter 2021/Spring 2021
- Problem identification and development of alternatives: Spring 2021/Summer 2021
- Public meetings, alternatives analysis, and report writing will be completed under the FFY2022 UPWP

Beneficiary Community: Barnstable and Yarmouth

<u>Funding Source</u>	<u>Amount</u>
FHWA/MassDOT	\$68,750

TASK 3.2 – TRANSPORTATION SAFETY

Objectives:

To conduct and assist with Roadway Safety Audits (RSAs) at MassDOT identified high crash locations across Cape Cod, as well as assisting municipalities with any other small technical assistance needs that arise.

Previous Work:

Roadway Safety Audits

Barnstable Road Safety Audits

- Route 6A at Mary Dunn Road/Indian Trail (2019)
- Iyannough Road (Route 132) at Cape Cod Community College/Cape Cod Conservatory Intersection (2014)
- Route 28 at Osterville-West Barnstable Road (2012)
- Iyannough Road (Route 28) at Yarmouth Road (2012)
- Meetinghouse Way (Route 149)/Route 6 Ramps (2010)
- Route 28 (Falmouth Road)/Bearses Way (2009)