



SCOPE OF WORK

Liveable/Complete Streets Study Route 28 in Yarmouth

WEST YARMOUTH ROAD TO FOREST ROAD

BACKGROUND

Route 28 in Yarmouth is one of three major regional east-west transportation corridors on Cape Cod, as well as a commercial destination for tourists and residents alike, with numerous attractions, businesses, hotels and restaurants. The roadway is often congested, particularly in the summer months. High traffic volumes, poor geometry, and a high number of curb cuts have raised concerns about transportation safety. A 2011 study by the Cape Cod Commission revealed this portion of Route 28 to be one of the densest locations in the region for pedestrian/bicycle crashes (20 between 2002 and 2007) with three high-crash locations in the study area. The corridor is used heavily by automobiles, cyclists and pedestrians as a major regional arterial; however, the current configuration of the roadway is focused on automotive use resulting in numerous conflict points with pedestrians and cyclists. Curb cuts along the corridor impact traffic flow and non-automobile safety by creating conflict points and left turn movement backups. In some locations, the narrow right-of-way constrains safe bicycle and pedestrian use.

The town has approved zoning changes for the area and aims to better accommodate multi-modal transportation along the corridor by improving streetscape conditions in a coordinated manner with land use changes. The roadway design is essential to the success of these town efforts, particularly at key intersections where redevelopment efforts may be focused.

The project team has selected an approximately 2-mile section of Route 28 from West Yarmouth Road to Forest Road as a proposed study area (identified on the map on the following page). This 2-mile section will be the focus of a corridor study identifying “Livable Street” and “Complete Street” strategies that promote walkability, pedestrian safety, access management, and improved traffic safety and flow in the area. This effort aims to identify transportation improvement strategies for Route 28 that support the town’s vision for the corridor.



This section of road has been identified by the town as a priority redevelopment area with the potential for improvements that could be replicated elsewhere along the corridor in the future.

Study Objectives

The purpose of this study is to explore transportation improvement alternatives that will reduce conflicts, improve traffic flow and incorporate multi-modal transportation options along the Route 28 corridor while furthering the creation of vibrant, pedestrian and bicycle oriented mixed-use centers along the roadway. The safe accommodation of pedestrians and bicycles has been previously identified by the Cape Cod Commission as critical to achieving the goals of the town to create nodes of mixed-use development. Complete Streets design strategies will be incorporated into any alternatives proposed in addition to Low Impact Development (LID) techniques to mitigate stormwater runoff.

The project aims to establish a preferred roadway redesign which addresses multi-modal transportation improvements, including pedestrian and bicycle connectivity. The project will explore the potential impact of proposed land use and zoning changes under consideration by the town and make recommendations for roadway changes that accommodate projected traffic volumes while accommodating all users of the roadway. This evaluation of preferred alternatives should be transferrable to a Massachusetts Department of Transportation (MassDOT) Project Need Forms (PNF) at later stages.

Timeline

Tasks	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
Task 1: Project Initiation								
Task 2: Data Collection/Mapping								
Task 3: On-Site Reconnaissance								
Task 4: Identify Opportunities and Constraints								
Task 5: Listening Sessions								
Task 6: Public Presentation								
Task 7: Initial design								
Task 8: Technical Review								
Task 9: Public presentation								
Task 10: Final report and plan								



CAPE COD
COMMISSION

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