



Route 28 Corridor Study: Reducing Congestion, Improving Safety, and Accommodating All Users

SANTUIT NEWTOWN ROAD TO ROUTE 130

BACKGROUND

Route 28 in Barnstable is a major regional east-west transportation corridor on Cape Cod. The section of Route 28 from Santuit- Newtown to Route 130 has been identified as a priority for investigation. This section of road is often congested, particularly in the summer months. The corridor includes three busy intersections on Route 28 including at Santuit-Newtown Road, Main Street and Route 130 that are often functionally deficient. Several retail businesses and restaurants also contribute to traffic congestion. Along this corridor, congestion is a barrier to reliable inter-regional access between the towns of Falmouth and Mashpee to Barnstable, Sandwich and other towns on the eastern portions of Cape Cod. Residents and visitors traveling this corridor may be connecting to various destinations including Hyannis, Mashpee Commons, Main Street Cotuit, or the limited access highway, Route 6.

There are safety concerns in addition to congestion issues. The intersection of Route 28 and Santuit Newton Road is an unsignalized four-way intersection with challenging geometry. The intersection of Route 28 and Route 130 is a signalized intersection with challenging grades. Both intersections have been identified to facilitate a high percentage of injury crashes. Additionally, the intersection of Main Street and Route 28 is of concern as it is difficult for cars to make a left onto and off of Main Street, which can result in traffic congestion or unsafe maneuvers.

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 and retail destinations from their neighborhoods.



Despite there being significant concerns with this corridor there has been limited study to identify solutions. Any potential improvements along this corridor must be balanced with impacts on the environment and neighboring properties.

DESCRIPTION OF SERVICES

The Cape Cod Commission, under the 2015-2016 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 segment of Route 28 in Barnstable identified as the study area is approximately 0.35 miles from Santuit-Newtown Road to Route 130. Please see the Study Area map below.





PROCEDURES

Task 1: 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 staff.

Product: Final Scope of Work and Public Participation Plan

Task 2: Data Collection, Mapping, and On-Site Reconnaissance

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 turning movement counts will be conducted at the intersections of Route 28 with Santuit Newtown Road, Main Street, and Route 130.

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

Product: Summary of Data Collection and Mapping

Task 3: Listening Session

Commission staff will prepare for and host a listening session 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, but focus on input from the stakeholders in attendance at the meeting. This session will provide an opportunity to discuss the public's priorities for improvements along the corridor and identification/discussion of potential solutions.

Product: Summary of Listening Session

Task 4: Concept Development and Refinement

Information collected during the previous tasks will be reviewed with Town of Barnstable 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 5: Public Review of Concepts

After review of the preliminary concepts by Commission and Town of Barnstable staffs, the preliminary concepts will be presented at a public meeting. Feedback on the preliminary concepts will be used to inform the concept refinements.

Product: Summary of Public Meeting

Task 6: Draft and Final Report

Refined concepts will be prepared as part of a draft report. The draft report will also include an analysis of each alternatives impact on traffic flow and safety. General criteria that may be applied include:

- Change in through-trip travel times & distances
- Queuing
- Safety impacts (e.g., change in number of conflicting traffic movements & expected traffic demand at each)
- Environmental impacts (air quality, intrusion near wetlands, etc.)
- Right-of-Way impacts (need to acquire property for construction of alternative)
- Expected cost to construct

By reviewing each alternative's potential benefits in concert with its costs and other detriments, a preferred alternative may be identified.

All of the information and comments received will be compiled into a final report document and delivered to MassDOT and the Town of Barnstable.

Product: Draft and Final Reports

TIMELINE

The schedule for this effort allows for a final completion by September 2016 as shown in the following graphic on the following page.

PROJECT TIMELINE

Task	Product	NOV '15 - JAN '16	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
Task 1: Project Initiation	<i>SOW & PPP</i>									
Task 2: Data Collection, Mapping, and On-Site Reconnaissance	<i>Data and Maps for Other Tasks</i>									
Task 3: Listening Session	<i>Summary of Listening Session</i>					 				
Task 4: Concept Development and Refinement	<i>Concepts for Public Meeting</i>									
Task 5: Public Review of Concepts	<i>Summary of Public Meeting</i>								 	
Task 6: Draft and Final Report	<i>Draft and Final Report</i>									

 - Public Meetings  - Coordination Meetings with Town Staff



Barnstable Route 28 Corridor Public Participation Plan

PUBLIC PARTICIPATION GOALS

The goals of the public participation plan are as follows:

- Gather input from community stakeholders and the public to establish a vision for the corridor
- Solicit feedback of potential alternatives

LISTENING SESSION

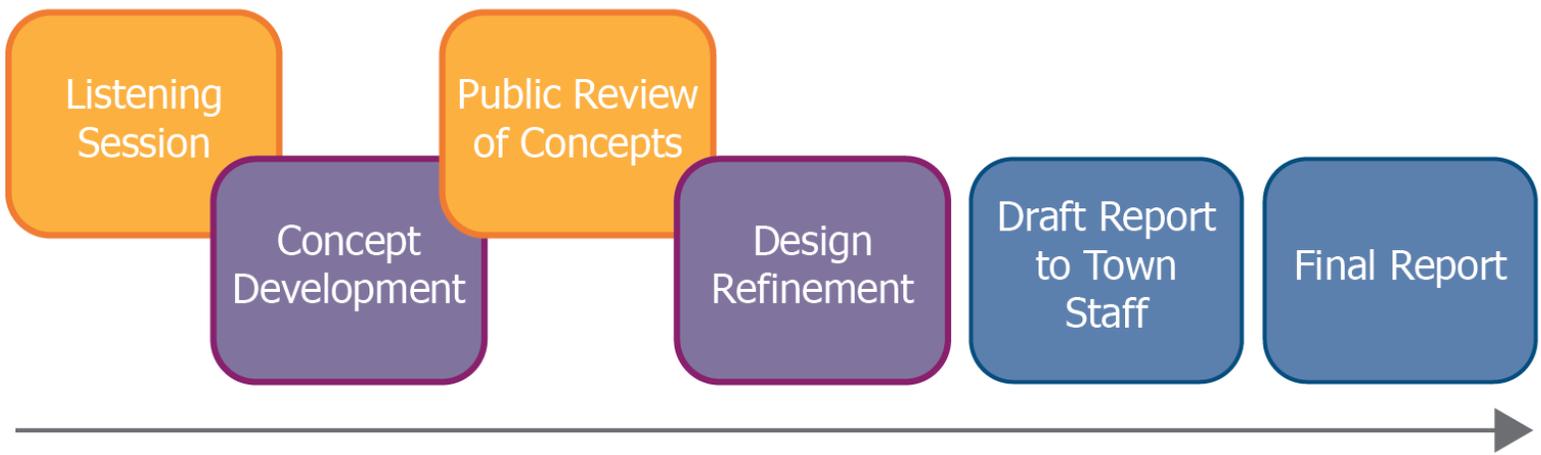
The first step of this project is to meet with local stakeholders including local residents, local business owners, and other interested parties. With input from Town Staff, a concerted effort will be made to incorporate a representation of the adjacent Title VI protected populations. The purpose of this meeting is to:

- review and prioritize project goals
- identify opportunity areas and constraints
- discuss potential improvements for the corridor

Commission staff will prepare a summary of comments received at this session.

PUBLIC REVIEW OF CONCEPTS

The Commission staff will present conceptual design plans for review by the public. Commission staff will incorporate feedback from the public into refined alternatives. These refined alternatives will be included in the draft report presented to Town staff.



PROJECT PROCESS



PROCESS PROTOCOLS

The following protocols are proposed in order to maximize public transparency, participation, and satisfaction with the process.

CONTACTS

- *CCC Project Managers:* Steven Tupper, Transportation Planner and Chloe Schaefer, Community Design Planner
- *Town Project Manager:* Jo Anne Miller Buntich, Director, Growth Management Department
- *Town Project DPW Contact:* Roger Parsons, Town Engineer

MEETING LOGISTICS & NOTICING

- CCC staff will coordinate with town staff to arrange the location, date and time of all workshops and/or meetings associated with the project.
- Town staff will reserve the location for all public meetings. Town staff is responsible for coordinating the telecast and video taping of the workshops where possible. Microphones and audio/visual will be provided by the town as needed.
- CCC staff will prepare notices, including flyers and informational postcards, to advertise all scheduled meetings and will provide said notices electronically to the town prior to the required noticing date. Town staff will be responsible for any printing required.
- Town staff is responsible for noticing meetings consistent with the noticing requirements below. The notification protocol checklist created by the town is as follows:
 - Direct mail notice to property owners, property occupants, and key stakeholders (shall include, at a minimum, abutting residential properties and commercial properties in the abutting commercially zone districts)
 - E-mail notices to boards, committees, department heads as deemed applicable
 - E-mail notices to previous attendees or others who have expressed interest in the project



- Public notice ad in the Register (2 weeks in advance)
- Website posting on Town Meeting Calendar
- Post of bulletin boards at Town Hall and Libraries
- Post on the Growth Management Departments Twitter account and the Town of Barnstable Facebook page
- Post to the Town's iForum to generate feedback on topics identified by Town and Commission staffs

PROJECT EMAIL LIST

A project email list will be developed with assistance from the Growth Management Department and maintained by the CCC, populated by those who sign up for project updates via the project web site and when signing in at the public workshops. This list will be used to provide periodic updates and to notify people when new materials or FAQ updates are posted on the website.

WEB SITE

The website is intended to be the primary mechanism for distributing project-related information, receiving input and providing a forum for comment from the public. The CCC will establish a dedicated website for the project that will act as a portal for project related information. This website may be linked to the Town of Barnstable website, informing visitors of the existence of this project and providing basic information about the roadway project.

- *Both Websites:* Both websites will include a description of the project, an e-mail address for people wishing to make comments (a CCC email), and announcements.
- *Town Website:* The Town website will include public comments received on the project and links to project background information. The Town will provide a link to the Commission's project website.
- *Commission Website:* The Commission's website will be used to distribute project materials.



SOCIAL MEDIA

Social media will be used as an additional project outreach tool.

- *Town Social Media:* The Town will share information on project progress and meetings as deemed appropriate by Town staff through the Barnstable Growth Management Department Twitter account and the Town of Barnstable Facebook page.
- *Commission Social Media:* The Commission will disseminate information on project progress and meetings as deemed appropriate by Commission staff through the Commission Twitter account and Facebook page.

PUBLIC COMMENT

- *Point of Contact:* All public comments should be directed to the CCC Project Manager and the Town staff. Written comments may be submitted by mail, or submitted via email or Town the Barnstable iForum. A link to this address will be included by the Town and the Commission on the project websites.
- *Response to Questions:* Questions posed by the public will be taken into consideration during the design phase.

PRESENTATION MATERIALS

- *Release of Materials:* Materials prepared by CCC staff for presentation at scheduled workshops will not be distributed in advance of the workshop. CCC staff will distribute workshop materials to the public during the workshop.
- *Posting of Materials:* CCC staff will post workshop materials on the commission project website after each workshop has been completed. CCC staff will provide digital copies of workshop materials to the town as part of the regular updates.

STATUS REPORTING

- *Coordination Meeting:* Town staff will be apprised of project development status through coordination meetings scheduled throughout the duration of the project.

CAPE COD COMMISSION

3225 MAIN STREET • P.O. BOX 226 • BARNSTABLE, MASSACHUSETTS 02630
(508) 362-3828 • Fax (508) 362-3136 • www.capecodcommission.org

