



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

OLD STAGE ROAD TO BEARSES WAY

BACKGROUND

Route 28 in Barnstable 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 section of Route 28 from Old Stage Road to Bearses Way has been identified as a priority for investigation. This section of roadway is often congested, particularly in the summer months. Congestion is a barrier to reliable and convenient access to Hyannis; the largest commercial destination on Cape Cod and the location of the Cape Cod Hospital, the Barnstable Municipal Airport, the Cape Cod Regional Transportation Authority, the Hyannis Transportation Center, and the Steamship Authority.

In addition to congestion issues, high traffic volumes, geometric problems, and a large number of curb cuts on portions of the corridor have resulted in transportation safety issues. One location where concerns have been raised recently is the four-lane, undivided section of Route 28 just east of Old Stage Road where there has been a pair of fatalities in recent years. Another high-crash location is at the intersection of Route 28 and Bearses Way. Plans for reconstruction of this intersection are currently underway as part of an approximately \$4 million Massachusetts Department of Transportation (MassDOT) project with construction to begin in 2015.

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. The need is particularly pronounced given that much of the corridor is within or adjacent to Environmental Justice communities with a high number of households that may not have access to automobiles and rely on other forms of transportation to perform their daily tasks. Additionally, a large number of seasonal foreign workers travel along this corridor who travel by non-motorized means.

Any potential improvements along this corridor must be balanced with impacts on the environment and neighboring properties which includes a significant number of commercial and residential. parcels

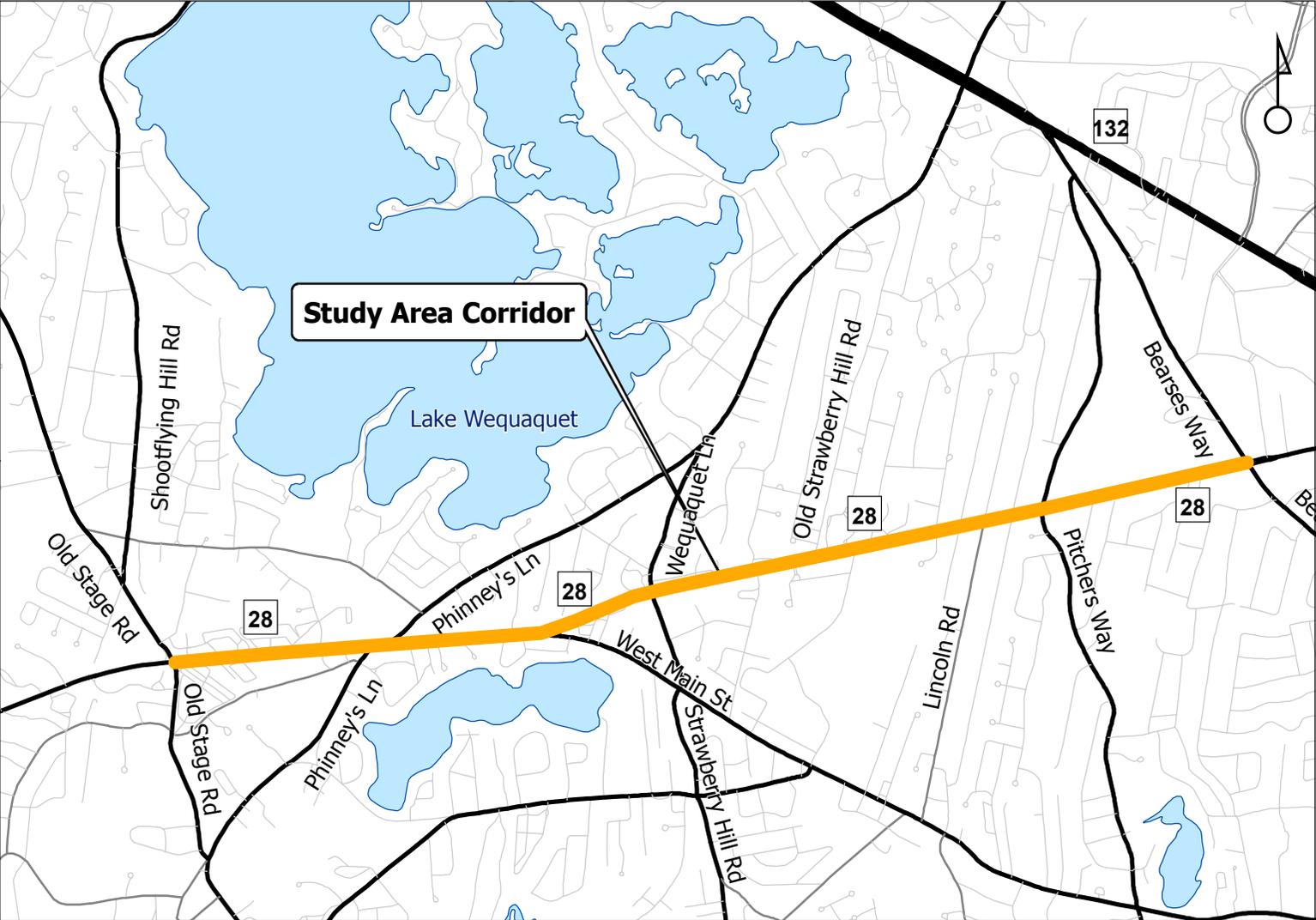
DESCRIPTION OF SERVICES

The Cape Cod Commission, under the 2014 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 2.5 miles from Old Stage Road in the Village of Centerville to Bearses Way in the Village of Hyannis. This will build on previous work underway on Route 28 in Barnstable including the Hyannis Access Study that extended as far west as the Cape Cod Mall entrance and the Bearses Way improvement project that picked up at the Cape Cod Mall entrance and will extend through the Bearses Way intersection. Please see the Study Area map on the following page.



Study Area Corridor

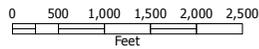
Lake Wequaquet

Study Area

The information depicted on these maps is for planning purposes only. It is not adequate for legal boundary definition, regulatory interpretation, or parcel level analysis. It should not substitute for actual on-site survey, or supersede deed research.

Date: 3/14/2014 User: stupper

Sources: MassGIS





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 Old Stage Road, Phinney's Lane, Strawberry Hill Road, Senior Center/Middle School/High School Access Drives, Pitchers Way, and Bearses Way.

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.

Task 3: Kickoff Meeting - Opportunities and Constraints

Commission staff will prepare for and host a public kickoff 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. Stakeholders demonstrating interest in the project along with other individuals identified by Commission and Town staffs will constitute the project Task Force that will be used throughout the project to facilitate project direction, development of alternatives, and the preferred alternative to improve this section of Route 28 in Barnstable.

Product: Summary of Opportunities and Constraints

Task 4: Listening Session

As a follow-up to the opportunities and constraints public kickoff meeting, a more targeted listening session will focus on specific segments of the study area. It is envisioned that the listening session will be a forum for input from Task Force members and other members of the public interested in a particular segment of the focus area. This session will



provide an opportunity to focus in on the priorities for improvement along the corridor and identification/discussion of potential solutions.

Product: Summary of Listening Session Comments

Task 5: Concept Development

Information collected during Tasks 3 and 4 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.

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

Product: Preliminary Concepts and Summary of Feedback

Task 6: Concept Refinement

Concepts will be refined based on public comments and feedback from a Technical Review Committee. It is envisioned that the Technical Review Committee would include Commission staff, Town of Barnstable staff, MassDOT staff, a Cape Cod Regional Transit Authority (CCRTA) representative and a regional bicycle representative.

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 will be identified.

Product: Draft Report



Task 7: Public Presentation and Final Report

The draft report, including the refined conceptual designs, will be presented in a public meeting of a local board in the Town of Barnstable and the document will be released for public comment.

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: Final Report

PRODUCTS

- Maps and illustrations identifying opportunities and constraints.
- Public outreach and facilitation to gather comment on priorities, alternatives.
- Draft report incorporating data analysis suggestions for improving the roadway layout, including conceptual presentation of a preferred alternative.
- Draft alternative concept plans.
- Final report with recommendations.

TIMELINE

The schedule for this effort allows for a final completion by September 2014 as shown in the following graphic on the following page. Milestones include coordination meetings with the Cape Cod Joint Transportation Committee (or designated subcommittee thereof) and updates to the Cape Cod Metropolitan Planning Organization.

- Needed data collection – Summer of 2013
- Review of methodology/project initiation: November 2013 – January 2014
- Kickoff Meeting with Stakeholders: March 2014
- Listening Session: April 2014
- Problem identification and development of alternatives – review with CCJTC: April – July 2014
- Analysis of Alternatives – review with CCJTC: May – August 2014
- Draft report/public meeting: July/August 2014
- Final report: September 2014

Project Timeline

Task	Product	NOV '13 - JAN '14	FEB	MAR	APR	MAY	JUN	JUL
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: Kickoff Meeting - Opportunities and Constraints	<i>Summary of Opportunities & Constraints</i>							
Task 4: Listening Sessions	<i>Summary of Listening Sessions</i>							
Task 5: Concept Development	<i>Preliminary Concepts and Feedback Summary</i>							
Task 6: Concept Refinement	<i>Draft Report</i>							
Task 7: Public Presentation and Final Report	<i>Final Report</i>							



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
- Develop a forum for ideas aimed at achieving this vision as well as concerns regarding potential changes
- Solicit feedback of potential alternatives

KICKOFF MEETING

The first step of this project is to meet with local stakeholders including local residents, local business owners, and other interested parties. A targeted effort will be made to incorporate a representation of the adjacent Environmental Justice community as well as the seasonal foreign worker community. The purpose of this meeting is to:

- review and prioritize project goals
- identify opportunity areas and constraints

After the meeting, notes will be synthesized into a map which identifies priority areas, areas of opportunity and constraints. An additional outcome of this meeting will be a formal statement of goals.

Timeline: March 2014

FOCUSED LISTENING SESSION

The Cape Cod Commission will facilitate a targeted listening session with local landowners and other stakeholders representing 3 segments of the study area to gather comment and input regarding project goals and opportunities and constraints developed in the initial kickoff meeting.

All invitations and scheduling will be organized by the Commission independent of Town representatives. The Commission will prepare a



summary of comments received at these sessions and deliver these to the town. Points raised during these sessions will be aggregated and presented to the public at the subsequent public meeting.

Timeline: April 2014

CONCEPT DEVELOPMENT

The Commission technical staff will draft 3 concept plans for the corridor, meeting internally to discuss revisions.

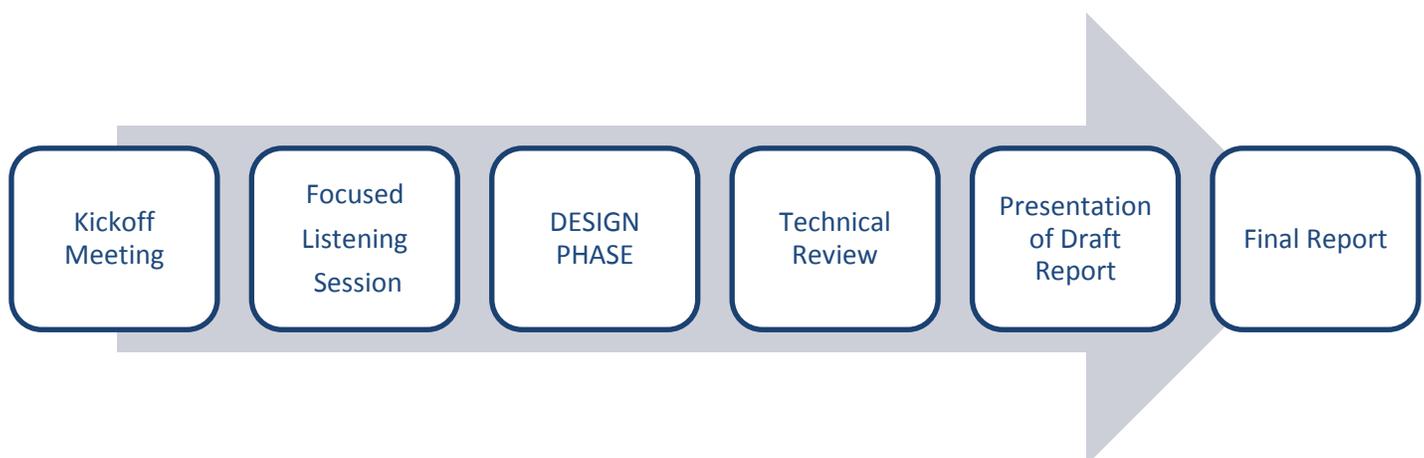
Timeline: June-August 2014

TECHNICAL REVIEW

The Commission staff will present three conceptual design plans for the Rte 28 corridor to a selected peer review committee consisting of 8-10 technical experts from fields of engineering, planning, hydrology and landscape architecture, as well as Town of Barnstable staff, MassDOT and CCRTA, and regional bicycle representatives as selected by the Cape Cod Commission.

The outcome of this meeting will be to propose revisions to conceptual alternatives and draft recommendations for a preferred alternative. After this meeting, staff will revise plans before presenting them to the Town at the final presentation.

Timeline: July/August 2014





PROCESS PROTOCOLS

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

CONTACTS

- *CCC Project Manager*: Steven Tupper, Technical Services 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 the initial kickoff meeting, listening sessions, and the local board meeting. 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 for interactive 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

- *Email Updates:* CCC will send regular updates on the project via email as the project progresses. The updates will cover recently completed work and identify next steps and upcoming meetings.

CAPE COD COMMISSION

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