

# Beach Road Sidewalk Assessment Orleans, Massachusetts



**Public Information Meeting  
August 24, 2011  
Nauset Room – Town Hall**



# Meeting Agenda

- Introductions
- Project Overview
- Study Findings
  - Existing Conditions
  - Impacts
- Comments & Questions





# Project Objective

*To provide a facility that safely enhances the movement of pedestrians and removes them from vehicle conflicts along Beach Road*

*Public Input is critical*



# Issues



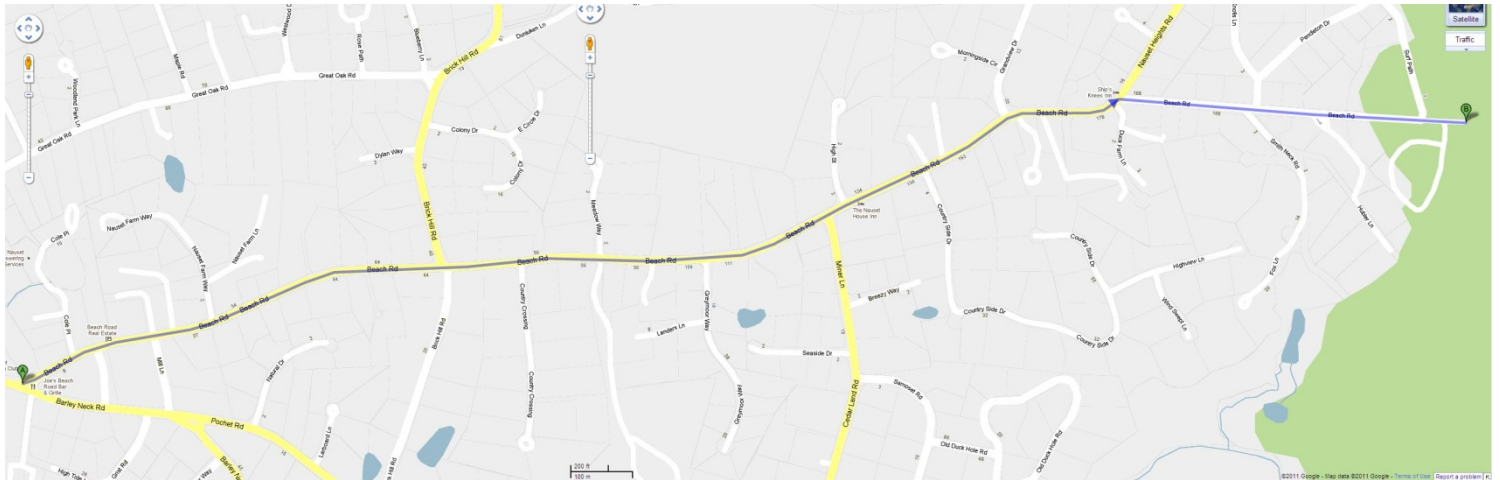


# Project Proposal

- The feasibility of a 5-foot wide sidewalk is proposed on one side only of Beach Road from Main Street to Nauset beach
- South side of Beach Road considered for sidewalk
- Project specifics - one alignment:
  - 5-foot wide paved sidewalk
  - 4-foot grass strip between edge of road & edge of sidewalk – south side only
  - No curb or berm

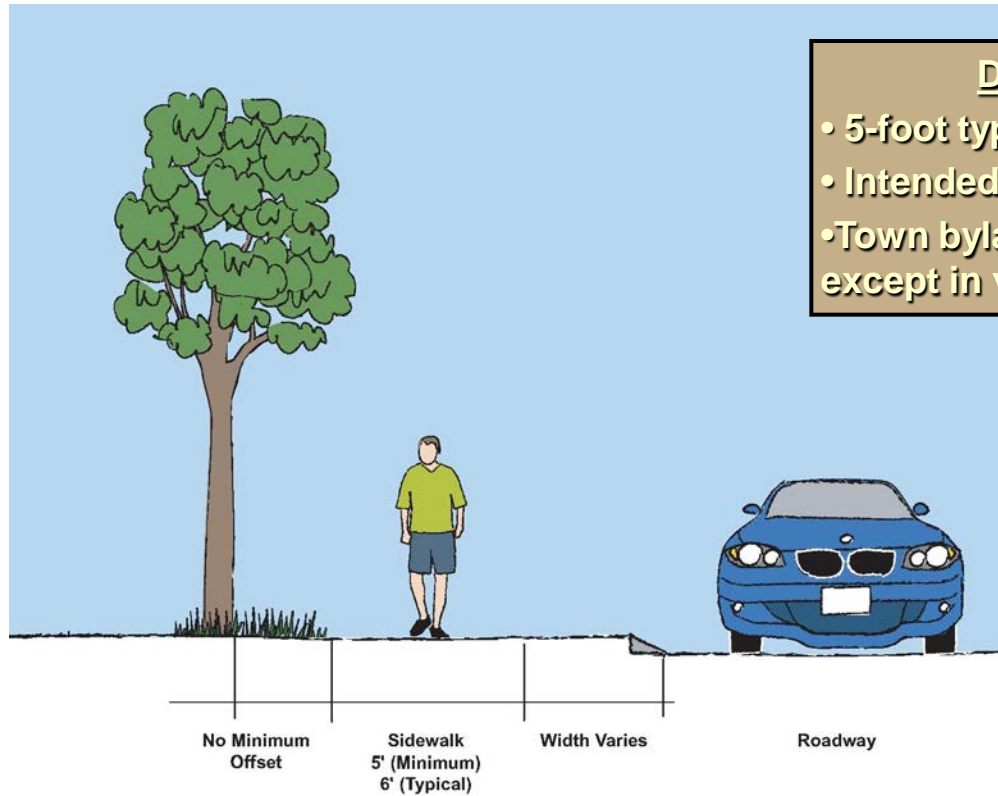


# Project Limits





# Proposed Sidewalk or Walkway



- Design Considerations
- 5-foot typical surface width
  - Intended for pedestrian use
  - Town bylaws allow bikes on sidewalks except in village centers

## Sidewalk or Walkway



# Project Impacts and Requirements

- General obstacles within 9 feet from edge of road:
  - Signs, mailboxes, trees, drainage structures;
  - Utility poles and guy wires;
  - 9 fire hydrants; and
  - Fences, stone walls, street crossings and driveway aprons.
- Requirements:
  - Project compliant surface;
  - Cobblestone aprons reconstructed;
  - Cuts and fills necessary;
  - Selected trees removed;
  - Guard rail or barriers in selected locations;
  - 2 Retaining walls; and
  - Easements or land acquisitions



# Barley Neck Inn - *before*





# Barley Neck Inn - *after*





# 173 Beach Road - *before*





# 173 Beach Road - *after*





# East of Duck Farm Lane - *before*





# East of Duck Farm Lane - *after*





# Project Specifics

- Approximately 8,000 feet long (~1.6 miles);
- Surface to be 5 feet wide, likely asphalt and ADA compliant;
- Cross-section to be 9 feet off and parallel to existing south edge of road - continuously;
- An alignment alternative could be meandering; and
- Based on preliminary estimates using GIS information with State DOT bid prices construction costs could be \$770,000 - \$880,000.



# Next Steps

- To move forward, community consensus required;
- Waivers from at least 75% of abutters required;
- Full topographic survey required and road to be surveyed and “laid out”;
- Engineering design required and “best-fit” design developed; and
- Additional public hearings in any upcoming process.



# APPENDIX



# MEANDERING SIDEWALK





# MEANDERING SIDEWALK



# Questions & Comments



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