



ENGINEERS

Civil Engineers & Land Surveyors

July 14, 2010

Project R104.06035.001

Maureen O'Meara, Town Planner  
Town of Cape Elizabeth  
320 Ocean House Road  
P.O. Box 6260  
Cape Elizabeth, Maine 04107

RE: Town of Cape Elizabeth  
Shore Road Path Peer Review

Dear Maureen:

We have received and reviewed a July 2, 2010 submission package for the subject project. The package included a July 2, 2010 letter addressed to you from Stephen Harding of AMEC and a plan set of drawings dated July 2, 2010. We also met on June 25, 2010 with you and representatives of AMEC and Mitchell & Associates to discuss the preparation of these design plans. This submission has been prepared to reflect many of the recommendations discussed in that meeting.

Based on our review of the submitted material and the projects conformance to the technical requirements of Section 19-9-4, Site Plan Submission Requirements, Section 19-9-5, Site Plan Approval Standards and Section 19-8-2 Shoreland Performance Standards of the Zoning Ordinance, we offer the following comments. These comments are minor details and can be made a condition of approval with the final plans provided to Oak Engineers for final review.

1. The applicant, Town of Cape Elizabeth, is proposing a 5' wide paved path from Fort Williams to Town Center along Shore Road. The 2 mile path crosses Shore Road in two locations and stays within the Shore Road right of way.
2. The designer has proposed the creation of approximately 51,000 square feet of impervious area. They are preparing a Stormwater Law Permit and a design for stormwater quality control. The design calculations shall be provided for review.
3. The details for the two Filterra systems, curbing and catch basin inlets shall be enlarged and provided with more detail for review purposes.
4. A construction/grading easement is required for the work on the Barber property.
5. A note shall be placed on the plans that instructs the contractor to provide erosion control measures in accordance with the latest version of the Best Management Practices (BMPs).

Brown's Wharf, Newburyport, MA 01950  
T: 978.465.9877 • F: 978.465.2986

400 Commercial Street, Suite 404, Portland, ME 04101  
T: 207.772.2004 • F: 207.772.3248

[www.oakengineers.com](http://www.oakengineers.com)

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6. The designer shall make sure that there is no area of sidewalk that channelizes flow on the sidewalk. The sidewalk shall be slightly higher than existing grade and have a cross slope to either side to keep water from flowing or ponding on the sidewalk.
7. All utility pole guy wires over the proposed sidewalk shall be evaluated to provide adequate pedestrian and equipment clearance.
8. The proposed guardrail design shall be evaluated to determine if it meets current roadside safety design standards or is acceptable to the Town.
9. Wherever possible the design shall avoid having stormwater running along the edge of the pavement. This has the potential of undermining the edge of pavement and becomes a maintenance issue.
10. All mailbox relocations shall be approved by the US Postal Service.

In our opinion the path will not create flooding problems within the public right of way or on private property nor will it significantly increase the stormwater flows on the adjacent private properties. Moreover, the design of the path has incorporated stormwater collection systems in localized areas that will better control stormwater and prevent or minimize erosion.

We trust that these comments will assist the Board during their deliberations on this project. Should there be any questions or comments regarding our review, please do not hesitate to contact us.

Sincerely,

OAK ENGINEERS



Stephen J. Bradstreet, P.E.  
Principal

SJB:jsl