

## MEMORANDUM

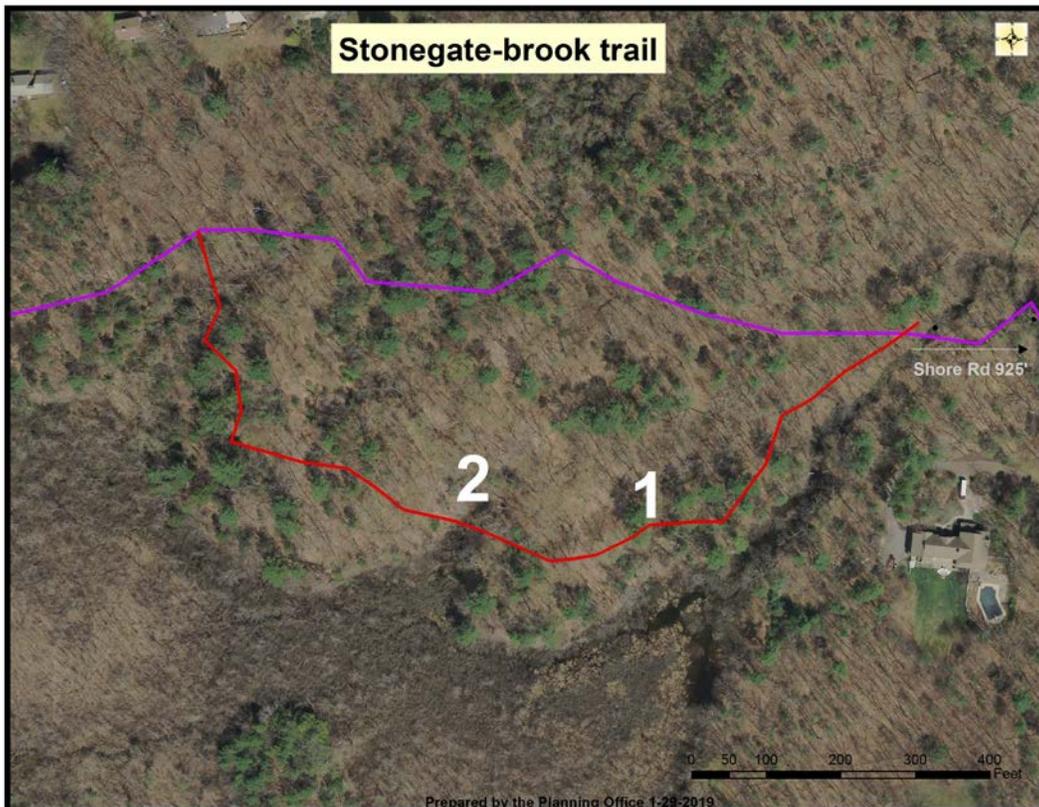
TO: Cape Elizabeth Conservation Committee  
FROM: Maureen O'Meara, Town Planner  
DATE: January 29, 2019  
SUBJECT: Stonegate - Brook Trail wetland crossings

### Introduction

At the January 8, 2019 meeting, a resident requested improvements to an existing trail in Stonegate, adjacent to a brook, specifically for 2 sections of boardwalk over wet areas. I walked the trail with Jim Kerney and Code Enforcement Officer Ben McDougal on January 16th.

### Discussion

The trail is located in Stonegate, looping south from the main Cross Town Trail approximately 925' west of Shore Rd. The trail is shown in red and is approximately 1/4 mile long.



At location 1, the trail crosses the edge of a wetland. The area was passable when we visited and would benefit from a traditional wooden boardwalk approximately 20' long.

At location 2, the trail crosses the northern end of a significant wetland. The crossing was flooded and frozen. This area does not seem a good candidate for the traditional boardwalk. State permitting would be required and it is likely that the boardwalk will need to be elevated with a minimal footprint within the wetland. One option might be to install a mini version of the boardwalk installed at Great Pond.



Another option is to relocate the trail around the end of the wetland. Rerouting would be approximately 175' of trail on the dry edge. This option, however, moves the brook trail to within 275' (and within sight) of the existing Cross Town Trail.



The picture above was taken from the existing Cross Town trail and the large horizontal tree in the distance is the approximate location of trail if relocated.

Estimated Costs

If the Conservation Committee prefers to upgrade the trail in its current location, estimates for a 48' perforated and elevated 4' wide boardwalk has been obtained from Great Northern Docks for location#2.

Location 1 boardwalk materials	\$700
Location 2 boardwalk (4' wide, perforated decking) materials	\$6,529

delivery and installation	\$780
Permitting (state and local)	\$2,000
Contingency (10%)	<u>\$1,000</u>
TOTAL	\$11,000

Next Steps

The Conservation Committee should discuss options, perhaps schedule a site visit, and potentially incorporate into the FY 2019 or FY 2020 budget.