

## MEMORANDUM

TO: Michael McGovern, Town Manager  
FROM: Maureen O'Meara, Town Planner  
DATE: October 31, 2016  
SUBJECT: CIP Request, Spurwink Boardwalk and Bridge redecking

### Introduction

In April 2005, the town completed construction of the Spurwink boardwalk and bridge project, a 440' ft. long boardwalk and bridge that provides the north/south connection for the townwide greenbelt. Earlier this month, a town volunteer replaced 10 deck boards and a few railing pieces on the bridge. While the remaining decking is sound, the town should consider replacing all the decking in the next 3-5 years.

### Conservation Committee

At the October 11, 2016 meeting, the Conservation Committee supported full deck replacement in the next 3-5 years. During deck replacement, the frame would be inspected and deteriorated boards replaced. There is no indication that wholesale replacement of framing will be needed.

The Conservation Committee is further recommending that the town consider the option of replacing the decking with either pressure-treated wood or a wood composite decking such as Trex, which is more expensive but also has a longer life.

### Cost

The project would comprise removal of the existing decking and disposal at the Recycling Center, inspection and replacement of framing as needed, and replacement of all decking with either pressure treated or composite wood decking.

Project estimates are based on replacing 390' of 4' wide decking and 50' of decking that transitions to 8' for a distance of 20'). Decking is either high grade pressure treated decking (2" x4" x8') or composite decking. Composite is either a traditional 1' deck board (.94" x 5.5" x 8') or a beefier decking (beefier 1.3" x 5.5 " x 12'.) Below are cost estimates for 3 options.

Estimated pressure treated wood for decking:	\$4,000
Estimated pressure treated composite for decking:	\$19,600/\$28,000
Framing replacement allowance:	\$1,000
Hardware:	\$750

Railing/edger replacement:	\$1,000
Labor (4 wks x \$50):	\$8,000
Contingency (20%)	\$2,950/\$6,070/\$7,750
<b>TOTAL</b>	<b>\$17,700/\$36,420/\$46,500</b>