



## Legislation Text

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**File #:** 21-0018, **Version:** 1

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### Summary

To: Infrastructure Board  
From: JP Murphy  
Date: 1/15/2021

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**Subject:**

Draft Bridge & Seawall Evaluation Report

**Summary:**

Phil Locke will be discussing the findings of the Bridge and Seawall Evaluation Report. Please find the report attached to the item and the executive summary below.

Moffat and Nichol's Bridge and Seawall Evaluations report dated January 5, 2021. The evaluations included assessments of the general structural condition of the bridges and wing walls, as well as the adjacent seawalls. Cracks, spalls, scouring, and signs of settlement, movement, or wall failure were documented as well. The bridges were found to have minimal damage and only preservation measures and continued basic maintenance, such as patching cracks/spalls noted in the routine inspection reports is recommended. Additionally, we see no indication of scour at any of the bridges, including the bridges currently noted as Scour Critical by the FDOT. The recommendations for the bridge repairs and associated budgetary costs are as follows:

- Winston Drive Bridge over Graff Canal: repair 3' x 5' void as soon as possible \$9,300
- North Pine Circle Bridge over Roth's Canal and wing walls: general maintenance repairs - \$39,250

The Thompson Park Seawall is in "Serious" condition and is recommended to be replaced on a moderate priority basis. The estimated cost to replace the seawall is \$210,680. This repair is not unexpected and is a currently budgeted need at \$250,000.

The Winston Park Seawall is in "Satisfactory" condition and it is recommended that a French drain be installed behind the seawall where loss of fill has occurred. The estimated cost is \$5,000.