

 <b>COBOURG</b>	<b>THE CORPORATION OF THE TOWN OF COBOURG</b>	
	<b>STAFF REPORT</b>	
TO:	Mayor and Council	
FROM:	Laurie Wills	
TITLE:	Director of Public Works	
DATE OF MEETING:	June 25, 2018	
TITLE / SUBJECT:	Reallocation of Funds for the Repair of Monk's Cove Retaining Wall	
REPORT DATE:	June 12, 2018	File #:

1.0 STRATEGIC PLAN

N/A

2.0 PUBLIC ENGAGEMENT

Town Staff and the Ganaraska Region Conservation Authority (GRCA) met with local residents on several occasions in 2017 to discuss the condition of the wall and plans for repair. A media plan is being prepared to keep local residents informed.

3.0 RECOMMENDATION

It is recommended that the Town reallocate up to \$50,000.00 from the Parks Reserve to fund the construction of the proposed temporary repair to the Monk's Cove retaining wall in 2018.

4.0 ORIGIN

In the spring of 2017, the retaining wall along Lake Ontario at Monk's Cove began to show signs of severe erosion and failure due to the high water levels and wave action. Residents notified the Town of the unsafe conditions and staff responded by installing a safety fence along the top of the wall to warn people away from the top of the wall. The safety fence has remained in place until a plan and budget could be prepared to repair the wall.

5.0 BACKGROUND

The GRCA applied to the Water and Erosion Control Infrastructure (WECI)

program through the Ministry of Natural Resources and Forestry (MNRF) for funding on the behalf of the Town to repair the wall. Unfortunately, since there was so much damage in all of Ontario from high water levels in 2017, this project was not significant enough to warrant funding.

#### 6.0 ANALYSIS

Public Works hired Shoreplan Engineering to conduct an assessment of the wall damage and prepare a temporary repair plan for the Town to request construction bids. Once the temporary repair has been completed, the safety fence can be removed.

It should be noted that this is a temporary repair to a wall that is approaching the need for full replacement in the near future. Upon inspection of the wall, Shoreplan has recommended that the Town ultimately replace the wall with a revetment structure. A rough estimate for the full replacement of the wall is upwards of \$2M including design, approvals, construction, contingencies, inspection, and taxes.

#### 7.0 FINANCIAL IMPLICATIONS/BUDGET IMPACT

A construction cost estimate was provided to the Town as follows:

Wall Repairs	\$ 33,600.00
Additional Armour Stone (Provisional)	\$ 4,500.00
<b>Contract Total</b>	<b>\$ 38,100.00</b>
Contingency	\$ 5,000.00
Inspection Allowance	\$ 5,000.00
Total	\$ 48,100.00 + HST

Since the construction estimate is below \$50,000.00, staff will request a minimum of three (3) quotations and based on an early July award date, we anticipate that the repairs can be completed by the end of August 2018.

#### 8.0 CONCLUSION

It is recommended that the Town reallocate up to \$50,000.00 from the Parks Reserve to fund the construction of the proposed temporary repair to the Monk's Cove retaining wall in 2018.

**Approved By:** Stephen Peacock, Chief Administrative Officer  
**Department:** CAO