

# STAFF REPORT

THE CORPORATION OF THE TOWN OF COBOURG



<b>Report to:</b>	Mayor and Council Members	<b>Priority:</b>	<input checked="" type="checkbox"/> High <input type="checkbox"/> Low
<b>Submitted by:</b>	Teresa Behan, Deputy Director Community Services <a href="mailto:tbehan@cobourg.ca">tbehan@cobourg.ca</a>	<b>Meeting Type:</b>	Open Session <input checked="" type="checkbox"/> Closed Session <input type="checkbox"/>
<b>Meeting Date:</b>	December 6, 2021		
<b>Report No.:</b>	Community Services-081-21		
<a href="#">Submit comments to Council</a>			

**Subject/Title:** Monks Cove Restoration Work, Temporary Repair and Design

## RECOMMENDATION:

THAT Council accept this report for information purposes and approve Shoreplan Engineering to complete the design and tender document of the 2022 Monk's Cove retaining wall repairs at an upset cost of \$10,000.

### 1. STRATEGIC PLAN

Not Applicable

### 2. PUBLIC ENGAGEMENT

This report is placed on the Agenda ten days before the Council Meeting.

### 3. PURPOSE

To provide Council with an update about the repair work required at Monks Cove.

### 4. ORIGIN AND LEGISLATION

Community Services Division and Public Works Division.

### 5. BACKGROUND

In 2017, residents advised Town staff about the severe erosion and failure of the Monk's Cove retaining wall due to its age as well as high water levels and wave action over the years. As a results, in early 2018, the Ganaraska Region Conservation Authority (GRCA) applied to the Water and Erosion Control Infrastructure (WECI) program through the Ministry of Natural Resources and Forestry (MNR) on the behalf of the Town to help fund the repair of 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.

In June 2018 (see attached Council report), Council was presented with a cost estimate for a temporary repair (\$50,000) as well as a complete replacement of the wall in the near future (\$ 2,000,000.00).

Shoreplan prepared a detailed design report and drawing for the repair work, as attached.

As per the attached motion 210-18, Council approved the reallocation of funds up to \$50,000.00 from the parks reserve to fund the temporary repair to the wall at Monks Cove. Unfortunately, when the work was being conducted, additional repairs were needed while the contractor was onsite and additional funds were required to properly complete all of the repair work. The construction was supervised by the Engineering Department who concurred that the additional work was required. The final cost of the repair was approximately \$78,000.

Since this temporary repair was completed, staff periodically check the site and had Shoreplan also visit the site on November 15, 2021 when it was noted that another temporary repair was recommended. The recommended repairs are not in areas that were repaired in 2018.

## 6. ANALYSIS

Shoreplan inspected the site and advised that the new failed locations need to be repaired as soon as possible. The design report and drawing prepared by Shoreplan in 2018 will be very similar to what is expected for the new repairs in 2022 which supports why Staff are recommending that Council approve Shoreplan to prepare a second repair design since they already have the background and field information available to conduct the design work more efficiently than a new consultant could.

## 7. FINANCIAL IMPLICATIONS/BUDGET IMPACTS

As per the 2022 capital budget the costs are broken down as follows:

- Design and tender document for temporary repairs: \$10,000 (upset limit- actual quote is forthcoming)
- Construction of short term repairs (tendered): \$150,000
- Design of long term repairs: \$100,000 (most cost effective to single source to Shoreplan given the field survey and design development has been completed)
- Construction of wall replacement: \$2,000,000 (timing is likely within 5 years)

## 8. CONCLUSION

That Council accept this report for information purposes and approve Shoreplan Engineering to complete the design and tender document of the 2022 Monk's Cove retaining wall repairs at an upset cost of \$10,000.