

Report to Council

Report Title:	Notice of Commencement – MCEA for Saugeen Riverbank Erosion Study		
Prepared By:	Gregg Furtney, Director of Operations		
Department:	Operations		
Date:	May 26, 2020		
Report Number:	PW2020-15	File Number:	C11PW
Attachments:	Initial Notice		

Recommendation:

That the Council of the Municipality of Brockton hereby receives Report Number PW2020-15 – Notice of Commencement – MCEA for Saugeen Riverbank Erosion Study, prepared by Gregg Furtney, Director of Operations, for information purposes.

Report:

Background:

In 2019, during the final engineering and contract development stage for the partial removal of the Truax Dam, erosion along the Saugeen River, downstream of the Truax Dam, was identified as a concern.

In the 2020 Operating Budget, \$10,000 was allocated towards the project to assess and obtain tangible recommendations to remediate the erosion.

Staff contacted BM Ross and Associates to provide a proposal and to work out a plan to proceed. The Scope of the work is built into three (3) phases.

Phase 1 (2020) includes initiating a Schedule B Class Environmental Assessment, Review of Historical Site Mapping and Reports, a Geotechnical Assessment, and consultation with applicable Review Agencies. These Review Agencies will include the First Nations and Metis Communities, the Saugeen Valley Conservation Authority, the Department of Fisheries and Oceans, and the Ontario Ministry of Natural Resources and Forestry. This work will be completed in 2020 and within the \$10,000 budget that was allocated to the project. Depending on the feedback from the Review Agencies, Brockton may be required to source and initiate further studies before proceeding to Phase 2 or in addition to the work being already identified in Phase 2. Additional studies could include archaeological, field biology, hydraulic modelling, fluvial geomorphology, and/or a detailed geotechnical assessment. BM Ross and Associates is estimating that these additional studies, if required, could cost an additional \$30,000.

Phase 2 (2021) includes a detailed site survey and baseline monitoring, identification of reasonable alternatives, an assessment of alternatives and associated costs, additional investigation into the preferred alternative (which may include an aquatic habitat assessment of the river and a hydraulic analysis), and then a further reassessment of the preferred alternative. The estimated cost of this work, in 2021, is approximately \$11,000.

The final phase, phase 3 (2022), will include the preliminary engineering design, completion of the Phase 2 Class Environmental Assessment Consultation, finalizing the Class Environmental Assessment process, detailed engineering design, and depending on Council’s direction, project tendering. The estimated cost of this work, in 2022, is approximately \$29,000.

The costs of the construction/ remedial work is unknown at this time and will be above and beyond the above noted project costs. However, this three-phase approach over a three year period is reasonable and attends to an identified area of concern.

Analysis:

During the week of June 1st, 2020, BM Ross and Associates will be issuing a “Notice of Commencement” to initiate the Municipal Class Environmental Assessment (MCEA) process. The Notice of Commencement will be placed on the Municipality’s website, in the local newspapers, and a notice will be sent out to residents that live near the study area. BM Ross and Associates will submit the Notice of Commencement directly to the First Nations and Metis Communities and the various Review Agencies. The Notice of Commencement is attached to this report.

Sustainability Checklist:

What aspect of the Brockton Sustainable Strategic Plan does the content/recommendations in this report help advance?

- Do the recommendations help move the Municipality closer to its Vision? Yes
- Do the recommendations contribute to achieving Cultural Vibrancy? N/A
- Do the recommendations contribute to achieving Economic Prosperity? N/A
- Do the recommendations contribute to Environmental Integrity? Yes
- Do the recommendations contribute to the Social Equity? N/A

Financial Impacts/Source of Funding:

- Do the recommendations represent a sound financial investment from a sustainability perspective? Yes

Phase 1 of the project is within the confines of the approved 2020 Brockton Operating Budget (\$10,000). Cost’s associated with Phase 2, 3, and Construction will need to be addressed during future budget cycle discussions.

Reviewed By:



Trish Serratore, Chief Financial Officer

Respectfully Submitted by:



Gregg Furtney, Director of Operations

Reviewed By:



Sonya Watson, Chief Administrative Officer