



Subject: Grant Application for Flood Plain Mapping

Department: Infrastructure Services

Division: Transportation and Development

Report #: INS-2024-051

Meeting Date: 2024-11-04

Recommendations

That report INS-2024-051, Grant Application for Flood Plain Mapping, be received; and

That Council authorize the reallocation of \$75,000 of approved budget from Capital Project No. 11819.0000, Holistic Condition Survey, to commit to the required funding to partner with Credit Valley Conservation Authority for Provincial Grant funding under the Flood Hazard Identification and Mapping Program (FHIMP).

Overview

The Town of Orangeville has received numerous queries and complaints as it relates to flooding along the Mill Creek and Monora Creek corridors. This report requests that Council allow Staff to reallocate budget from a current Capital Project that is underspent and asks that some of those funds be diverted to this grant opportunity.

Background

There are two significant creeks that run through Orangeville. One is the Mill creek south of Broadway and the other the Monora Creek (along with its many branches), north of Broadway. There has been some substantial flooding where the flowing water in these creeks overtops its banks and creates flooding on Sherbourne Street, Dawson Road, First Street and Hansen Boulevard, among other places. This flooding has caused damage to municipal infrastructure, structures and private property.

The Credit Valley Conservation Authority (CVC) has identified a potential grant opportunity currently being offered by senior levels of government that would assist both the Municipality and CVC with updating its current Flood Plain Mapping. This tool would assist both parties with identifying current and future hazards along the watersheds and

provide a good planning tool that could be used by Infrastructure Staff to recommend policy and future maintenance and capital projects for Council's consideration.

Analysis/Current Situation

The purpose of this report is to recommend to Council that Staff be directed to reallocate budget savings from a current Capital Project Holistic Condition Survey, also referred to as the Storm Water Management Pond Assessment Project ("SWMPAP"). This project is being undertaken to assess the conditions of the current municipal ponds to inform future investment requirements for future rehabilitation and stormwater management controls that will be brought forward in a future budget process.

As part of the 2024 Capital Budget, \$300,000 was allocated to complete the SWMPAP. The Town's call for proposals on the open market yielded a number of good, competitive submission resulting in savings to the Municipality and staff are confident that \$75,000 can be reallocated from this project.

The FHIMP funding programing currently be offered by senior levels of government would offer local conservation authorities up 50% of the cost of the flood plain mapping project. The cost to complete the project is estimated to be \$200,000. If the CVC and Town are successful in securing the funding, cost sharing for the project would be as follows:

- Total cost - \$200,000 (estimated);
- Town's contribution - \$75,000;
- CVC contribution - \$25,000;
- Grant contribution - \$100,000.

If the recommendations of this report are approved by Council, the Town's contribution would be taken from the 2024 Capital project noted above. As such no additional funding would be required as the remaining funding from the already approved capital project would be used to complete this initiative.

Corporate Implications

If Council approves this reallocation and if the CVC and the Town are successful in securing the funding from senior levels of government, the Town's contribution of \$75,000 would be anticipated savings in capital project number 11819.0000, Holistic Condition Survey or Stormwater Management Pond Assessment Project (SWMPAP).

Conclusion

Given that the existing creeks that run through the Town of Orangeville have overtopped their banks and caused significant flooding on roads and private property, updating flood plain mapping to better understand the current situation and potential future impacts to infrastructure and private properties is a reasonable and effective tool to develop and update. It is anticipated that the new mapping will assist staff with being proactive in developing strategies and policy to help mitigate flooding and damage to property in the future.

Should Council approve the recommendations of this report, Staff will reach out to CVC to endorse the grant application for submission to the province. If the grant is approved, Staff would work closely with CVC to establish terms of reference to solicit proposals from consultants.

Strategic Plan

Strategic Goal: Future-Readiness

Objective: Sustainability

Sustainable Neighbourhood Action Plan

Theme: Secure the financial viability of the municipality

Strategy: Prepare for a changing climate

Notice Provisions

Not Applicable

Respectfully submitted,

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Attachment(s): None