



Staff Report for Committee of the Whole Meeting

Date of Meeting: July 2, 2019

Report Number: SRPRS.19.135

Department: Planning and Regulatory Services

Division: Development Engineering & Transportation

Subject: **SRPRS.19.135 – Lakeside Crescent Drainage Improvements, Capital Budget Approval**

Purpose:

To establish a capital budget for interim municipal drainage improvements to the Lakeside Crescent area.

Recommendation(s):

- a) That an in-year capital budget of \$125,000.00 be approved for the implementation of interim drainage improvements to the Lakeside Crescent area, and that the source of funding be the Water Quality Reserve Fund.

Contact Person:

Jeff Walters, Manager, Development Engineering (Subdivisions and Stormwater Management), 905-737-6380

Report Approval:

Submitted by: Kelvin Kwan, Commissioner of Planning and Regulatory Services

Approved by: Neil Garbe, City Manager

All reports are electronically reviewed and/or approved by the Division Director, Treasurer (as required), City Solicitor (as required), Commissioner and City Manager. Details of the reports approval are attached.

Page 2

Background:

Numerous drainage complaints have been received over the years from residents abutting Lakeside Crescent with respect to ponding of water on their properties.

Field investigations conducted by staff have confirmed that the historical drainage paths over the municipal portion of Lakeside Crescent as well as adjacent private properties have changed or have been altered over time resulting in adverse drainage conditions.

To bring some more immediate relief to the residents, staff recommend that temporary drainage improvements be implemented in the short term, until such time that a more comprehensive drainage investigation can be undertaken and a more permanent municipal drainage system can be implemented for this area along with other improvements.

Staff have been working with property owners in the area for some time now to try and reinstate historical drainage conditions on private properties through voluntary compliance and enforcement of the City's site alteration bylaw. However, while these resulting improvements will likely provide some relief to the drainage issues, they may not be the most effective or efficient drainage option on an interim or long term basis.

At the same time, staff are also working towards the acquisition of additional lands within the area of Lakeside Crescent and Lake Wilcox, which may provide additional options to address drainage concerns on an interim and/or more permanent basis.

To help facilitate the design of an effective temporary drainage solution for the area, staff have proceeded to retain an Ontario Land Surveyor to undertake a complete topographic survey of Lakeside Crescent and the abutting properties. This survey information will be reviewed in July to identify options for a temporary solution and a recommended solution for installation as soon as practical this year.

To facilitate the implementation of a temporary drainage solution as soon as possible and to recover the costs associated with this survey work, Staff are seeking an immediate capital budget approval for this year (2019) in the amount of \$125,000.00. This is a conservative estimate based on the assumption that an underground drainage pipe with several inlets may be required along the length of Lakeside Crescent. The budget also assumes that the preparation of engineering plans, approvals and administration of a contract may be necessary. Depending on the scope, scale and location of the temporary solution, the costs of the actual works may be less and/or there is the potential that this temporary solution may become part of ultimate more permanent municipal drainage solution for this area.

Staff will also be seeking support to undertake a feasibility study for a more comprehensive and permanent municipal drainage and road improvements. Staff are in the process of preparing a capital project Business Case and will be bringing this request forward for approval through the normal 2020 Capital Budget process.

Page 3

Financial/Staffing/Other Implications:

The recommended capital budget amount of \$125,000.00 is proposed to be funded from the Water Quality Reserve Fund. This reserve has a current balance of \$5.1 million.

Relationship to the Strategic Plan:

This project relates to our Strategic Plan objective of wise management of our resources and serving as a role model for municipal management as the temporary and ultimate resolution of this drainage issue should reduce the risk of flooding and potential damages to private property and the risk to the City in receiving claims for damages.

Conclusion:

As outlined in this report, staff recommend that a capital budget of \$125,000.00 be approved immediately for implementation of drainage improvements to the Lakeside Crescent area, and that staff be directed to bring forward a business case through the 2020 Capital Budget process for the study and implementation of a more comprehensive and permanent solution.

Attachments:

The following attached documents may include scanned images of appendixes, maps and photographs. If you require an alternative format please call contact person listed in this document.

- Map A – Location Plan

Page 4

Report Approval Details

Document Title:	SRPRS.19.135 - Lakeside Crescent Drainage Improvement, Capital Budget Approval.docx
Attachments:	- SRPRS.19.135 Map A.pdf
Final Approval Date:	Jun 28, 2019

This report and all of its attachments were approved and signed as outlined below:

Dan Terzievski - Jun 27, 2019 - 1:00 PM

Task assigned to Kelvin Kwan was completed by delegate Patrick Lee

Patrick Lee - Jun 27, 2019 - 1:43 PM

David Dexter - Jun 27, 2019 - 4:15 PM

Task assigned to Neil Garbe was completed by delegate Italo Brutto

Italo Brutto - Jun 28, 2019 - 2:09 PM