



Council Report

Report Number:	ENG2022-030
Meeting Date:	August 23, 2022
Title:	Request for Streetlight at Entrance to Hurons's Landing - Creekside Circle and Cedar Glen Road
Description:	Request for Streetlight
Author and Title:	Joseph Kelly, Senior Engineering Technician

Recommendation(s):

Report ENG2022-030 **Request for Streetlight at Entrance to Hurons's Landing - Creekside Circle and Cedar Glen Road** be received.

Department Head: _____

Financial/Legal/HR/Other: _____

Chief Administrative Officer: _____

Background:

At the Council meeting of January 28, 2021, Council adopted the following resolution:

CW2021-018

That the Memo from Councillor Ron Ashmore, regarding Improved Lighting at Heron's Landing Entrance, be received; and

That Staff conduct a traffic count in summer and provide statistical analysis of entrance regarding traffic and safety to see if warranted for streetlight; and

That Staff report back in Q3, 2021.

This report addresses that direction. The memorandum can be seen in Appendix A.

Rationale:

Huron's Landing is a private land lease community where the non-freehold dwellings front on Creekside Circle, a private road.

The Council memo specifies that a community just south of Huron's Landing, Glenway Village, has a streetlight. Glenway Villiage is also a private land lease community on a private road, established in 1974. Records of the streetlight installation are unavailable but it was likely installed privately through the utility company. CKL does not consider this streetlight as a Municipal asset and does not maintain it.

In response to a previous case created by the Councillor, staff completed a streetlight warrant using estimated traffic volumes and found that a streetlight was not warranted under Council Policy CP2018-010 Streetlight Warrant Policy (Appendix B).

As per Council direction, a traffic count was performed in summer to determine if actual summer volumes differ enough from the estimated volumes as to change the results of the warrant.

Council Policy CP2018-01 Streetlight Warrant Policy require staff to apply the streetlight warrants from the Transportation Association of Canada (TAC) Guide for the Design of Roadway Lighting.

Staff applied the site factors, including summer traffic, to the warrant and found that a streetlight is not warranted (Appendix C). A score of 43 was achieved when a minimum score of 240 warrants full illumination and a score of 120 warrants partial lighting.

As a result of the justification review carried out by staff, it is determined that a street light at the entrance to Huron's Landing is not warranted under Council Policy CP2018-01 Streetlight Warrant Policy.

Other Alternatives Considered:

Council has the option to reject the recommendation and direct staff to install a streetlight. This option would require approximately \$6000 from the streetlight program. This alternative option is not recommended.

Alignment to Strategic Priorities

Providing life safety and protection, is a priority objective of the City under the Council Adopted Strategic Plan Goal of An Exceptional Quality of Life.

Financial/Operation Impacts:

The recommendation has no financial impacts.

The alternative option would require approximately \$6000 from the Capital Program—Streetlights.

Consultations:

N/A

Attachments:

Appendix A – Memorandum



Adobe Acrobat
Document

Appendix B – Streetlight Council Policy



Adobe Acrobat
Document

Appendix C – Streetlight Warrant



Adobe Acrobat
Document

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Department Head: Juan Rojas, Director of Engineering & Corporate Assets

Department File: Engineering