

The Corporation of the City of Kawartha Lakes

Council Report

Report Number ENG2018-008

Date: April 24, 2018
Time: 2:00 p.m.
Place: Council Chambers

Ward Community Identifier: 16

Subject: Request for Speed Reduction – Ballyduff Road and Lotus Road

Author Name and Title: Joseph Kelly, Senior Engineering Tech

Recommendation(s):

That Report ENG2018-008 **Request for Speed Reduction – Ballyduff Road and Lotus Road** be received; and

That the speed limit of Ballyduff Road from a point 250m east of Lotus Road to a point 810m west of Lotus Road be posted at 50 km/h; and

That the speed limit of Lotus Road from Ballyduff Road to a point 400m north of Ballyduffy Road be posted at 50 km/h; and

That the necessary by-laws for the above recommendations be forwarded to Council for adoption; and

That the Mayor and Clerk be authorized to execute any documents and agreements required by the approval of this decision.

Department Head:_____

Financial/Legal/HR/Other:_____

Chief Administrative Officer:_____

Background:

Residents issued complaints in regards to speeding on Ballyduff Road through the Hamlet of Lotus.

Lotus is a built-up area along Ballyduff Road and Lotus Road consisting of 19 residential lots surrounded by agricultural land. The roads are unposted for speed.

There is a reverse curve (s-curve) running through the Hamlet of Lotus on Ballyduff Road.

A map can be seen in Appendix A.

Rationale:

Being unposted for speed, a reasonable driver could be approaching the reverse curve and the built up area at 80 km/h which is not an appropriate speed. Warning signs for the reverse curve are not currently installed which present a hazard in this unilluminated area. Particularly when there is no speed posting.

In keeping with CKL practices with speed postings in built-up areas and considering the reverse curve, a speed limit of 50 km/h is recommended on Ballyduff Road in the Hamlet of Lotus. Although the need is not as pressing on Lotus Road due to low volumes, a speed limit of 50 km/h is recommended on Lotus Road in order to keep the Hamlet congruent for speed.

Even with a speed reduction in place, it is recommended that warning signs for the reverse curve be installed following the Ontario Traffic Manual requirements for placement.

As a result of the justification review carried out by staff, it is recommended that the speed limit of Ballyduff Road from a point 250m east of Lotus Road to a point 810m west of Lotus Road and the speed limit of Lotus Road from Ballyduff Road to a point 400m north of Ballyduff Road be posted at 50 km/h by way of an amendment to Schedule "D" (Highways with a Speed Limit of 50 km/h) of By-law 2005-328.

Other Alternatives Considered:

Financial/Operation Impacts:

Cost of sign installation to bring By-law into effect. Approximately 10x450= \$4500
Cost estimate includes signs, locates and installation

50 Ahead signs x 3

50 Begins x 3

50 Ends signs x 2

Reverse curve ahead warning sign x2

Relationship of Recommendation(s) To The 2016-2019 Strategic Plan:

Providing life safety and protection, while considering rural road use for pedestrians and cyclists enjoyment is a priority objective of the City under the Council Adopted Strategic Plan Goal of An Exceptional Quality of Life.

Consultations:

Attachments:

Appendix A – Key Map



ENG2018-008-Appendix A.pdf

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

Department File: Engineering