

## Council Report

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**Report Number:** ENG2021-021  
**Meeting Date:** September 21, 2021  
**Title:** Request for Speed Reduction – Pigeon Lake Road  
**Description:** Request for Speed Reduction  
**Author and Title:** Joseph Kelly, Senior Engineering Technician

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### Recommendation(s):

Report ENG2021-021 **Request for Speed Reduction – Pigeon Lake Road** be received; and

**That** the speed limit of KL 17 (Pigeon Lake Road) from 300m south of the south intersection with Purdue Road to 200m north of the north intersection with Purdue Road be reduced to 60 km/hr;

**That** the speed limit of KL 17 (Pigeon Lake Road) from 250m north of Old Surrey Lane to the existing 60 km/hr zone at Falls Bay Road be reduced to 60 km/hr;

**That** the necessary By-law 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 application/agreement/decision.

**Department Head:** \_\_\_\_\_

**Financial/Legal/HR/Other:** \_\_\_\_\_

**Chief Administrative Officer:** \_\_\_\_\_

## **Background:**

At the Council Meeting of February 23, 2021, Council adopted the following resolution:

### **CW2021-043**

**That** the Memorandum from Councillor Ashmore, **regarding Speed Reduction of Pigeon Lake Road from 1899 Pigeon Lake Road to Perdue Road North**, be received;

**That** staff conduct a traffic study into the reduction of speed on the section from 1899 Pigeon Lake Road to Perdue Road North;

**That** staff report back by Q3 2021; and

**That** this recommendation be brought forward to Council for consideration at the next Regular Council Meeting.

At the Council Meeting of August 10, 2021, Council adopted the following resolution:

### **CR2021-376**

**That** the memorandum from Councillor Ashmore, **Speed Reduction Pigeon Lake Road from Victoria Place South to Falls Bay Road**, be received;

**That** staff look into the reduction of speed on this section of Pigeon Lake Road;

**That** Engineering staff consider the additional safety issues associated with two significant road curvatures on Pigeon Lake Road between Victoria Place South and Falls Bay Road; and

**That** staff report back by Q4, 2021 with a recommendation to improve the safety of the section of road from Falls Bay Road to Victoria Place south entrance.

This report addresses those directions. The Clerk's Office received an e-mail from a resident in opposition of the directions (Appendix A).

A petition was submitted supporting the speed reduction at Victoria Place.

## **Purdue to Purdue:**

Pigeon Lake Road (KL Rd 17) from Purdue St, south intersection to Purdue St, north intersection, is built-up with residential lots. Some of the lots have dwellings on one side of the road with water access on the other side of the road. A map can be seen in Appendix B.

## **Victoria Place:**

Staff has created a new collision database which is more accurate and comprehensive than collision data available in past investigations regarding the two curves on Pigeon Lake Road at the entrances of Victoria Place. The new data showed an elevated collision rate for this curve. A map can be seen in Appendix C.

## **Rationale:**

The hazard of having a built-up waterfront area on an arterial 80 km/hr road and the hazard of elevated collision rates on a curve can be alleviated by reducing the posted speed limit.

**As a result of the justification review carried out by staff, it is recommended that the speed limit of KL Road 17 (Pigeon Lake Road) from 300m south of the south intersection with Purdue Road to 200m north of the north intersection with Purdue Road and from 250m north of Old Surrey Lane to the existing 60 km/hr zone at Fell's Bay Road be reduced to 60 km/hr**

## **Other Alternatives Considered:**

Reconstructing the curve with a turn lane and ensuring appropriate super elevations is an alternative option. However, it would not address any speeding issues and is not an immediate solution.

## **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:**

Cost of installing new speed signs

## **Consultations:**

## **Attachments:**

Appendix A – E-mail to Clerk's Office in Opposition



ENG2021-021  
Appendix A.pdf

Appendix B – Pigeon Lake Road – Purdue Road Key Map



Adobe Acrobat  
Document

Appendix C – Pigeon Lake Road – Victoria Place Key Map



Adobe Acrobat  
Document

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

**Department File:** Engineering