



Council Report

Report Number: ENG2022-029
Meeting Date: August 23, 2022
Title: Request for Crosswalk on Eldon Road – Little Britain
Description: Request for Crosswalk
Author and Title: Joseph Kelly, Senior Engineering Technician

Recommendation(s):

That Report ENG2022-029 **Request for Crosswalk on Eldon Road – Little Britain** be received; and

That the recently implemented traffic calming pavement markings proximate to Dr. George Hall School be maintained through future year operating work programs and budgets.

Department Head: _____

Financial/Legal/HR/Other: _____

Chief Administrative Officer: _____

Background:

At the Special Council meeting of November 30, 2021, Council adopted the following resolution:

CR2021-582

That the creation of a crosswalk on Eldon Road, Little Britain, by Dr. George Hall Public School be referred to staff for a warrant and design review; and

That Staff report back by the end of Q2, 2022.

This report addresses that direction.

Rationale:

The Ontario Traffic Manual (OTM) Book 15 – Pedestrian Crossing Treatments provides guidelines for justification, treatment system selection and treatment system design for modern pedestrian crossings. Using the OTM justification warrant and decision support tool shows that a pedestrian crossing is not warranted on Eldon Road. If we ignore the justification warrant and use the OTM pedestrian crossover selection matrix it shows that only a crossover without lights or beacons would be appropriate.

There is currently a school crossing guard patrolled crosswalk on Eldon Road which is more restrictive than the recommended treatment (ignoring the warrant). Therefore, it would be using good engineering judgment to support the current crossing with traffic calming measures rather than changing the crossing type.

To facilitate this, an extensive redesign of traffic calming pavement markings near Dr. George Hall School has been implemented (Appendix A) at a cost of \$5867.50. It is recommended these marking be maintained permanently.

To further support the traffic calming measures, an electronic speed board will be purchased and installed through the 2022 Engineering Streetlight and Traffic Signal budget.

As a result of the justification review carried out by staff, it is recommended that the new pavement marking designed for traffic calming be maintained permanently through the increase of the line painting budget.

Other Alternatives Considered:

N/A

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 recommended option would require an additional \$6000.00 be added to the Public Works Operating budget to account for yearly maintenance/application of the traffic calming measure.

Consultations:

Director of Public Works, City of Kawartha Lakes

Manager, Engineering – Technical Services, City of Kawartha Lakes

Attachments:

Appendix A – Road Painting Plan



Adobe Acrobat
Document

Department Head email: vrojas@city.kawarthalakes.on.ca

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

Department File: Engineering