

To: COUNCIL
Meeting Date: 3/28/2023
Subject: Speedsville Road at Mill Run Trail Pedestrian Crossover
Submitted By: Kevin De Leebeeck, Director of Engineering
Prepared By: Jason Leach, Senior Transportation Engineering Technologist
Report No.: 23-191-CD
File No.: C1101
Wards Affected: Ward 1

RECOMMENDATION(S):

THAT Report 23-191-CD Speedsville Road at Mill Run Trail Pedestrian Crossover be received;

AND THAT a Pedestrian Crossover (Level 2, Type B) be installed on Speedsville Road at Mill Run Trail;

AND FURTHER THAT the By-law to amend the Traffic and Parking Bylaw, included as Appendix C to Report 23-191-CD be passed.

EXECUTIVE SUMMARY:

Purpose

- The purpose of this report is to address concerns raised by trail users regarding the difficulty of crossing Speedsville Road due to the volume of traffic.

Key Findings

- An assessment of the Mill Run Trail crossing of Speedsville Road indicates a Pedestrian Crossover (Level 2, Type B) is warranted based on the Ontario Traffic Manual criteria.

Financial Implications

- Installation of the proposed Pedestrian Crossover (Level 2, Type B) including signs, pavement markings, illumination and new concrete landing pads is anticipated to be \$112,200 and is included in the approved 2023 Capital Program.

STRATEGIC ALIGNMENT:

- Strategic Action; or
- Core Service

Objective(s): GETTING AROUND - Emphasize connectivity and active transportation choices to help people travel in and beyond the city without a car

Strategic Action: Not Applicable

Program: Active Transportation Network

Core Service: Traffic Operations

The recommendations of this report are intended to address concerns from active transportation users while maintaining a safe and efficient transportation network for all users.

BACKGROUND:

Concerns have been expressed by users of the Mill Run Trail that it is difficult to cross Speedsville Road due to the volume of traffic on the road. Appendix A illustrates the crossing location.

ANALYSIS:

An assessment of the trail crossing was completed using the Ontario Traffic Manual (OTM) criteria for a Pedestrian Crossover on Speedsville Road at Mill Run Trail.

The results of the assessment indicate that based on the number of crossings by trail users and the volume of traffic on Speedsville Road that the installation of a Pedestrian Crossover (Level 2, Type B) is warranted. Appendix B illustrates an example of this type of traffic control.

As part of the implementation of the new pedestrian crossover, new concrete landing pads and service gates would be installed.

EXISTING POLICY / BY-LAW(S):

The City's Traffic and Parking Bylaw was reviewed to determine the necessary revisions to implement the proposed Pedestrian Crossover. The proposed amendment to the Traffic and Parking By-Law is included as Appendix C.

FINANCIAL IMPACT:

The estimated cost to install the proposed Pedestrian Crossover (Level 2, Type B) including signs, pavement markings, illumination and concrete landing pads is \$112,200 and is included in the approved 2023 Capital Program.

PUBLIC VALUE:

Sustainability:

The installation of a Pedestrian Crossover on Speedsville Road at Mill Run Trail supports active transportation users by providing a controlled crossing of Speedsville Road.

ADVISORY COMMITTEE INPUT:

The Cambridge Cycling and Trails Advisory Committee was consulted regarding this proposal at its meeting on February 10, 2022. The committee commented that this is a much-needed improvement and fully supports the implementation of a Pedestrian Crossover on Speedsville Road at the Mill Run Trail.

PUBLIC INPUT:

Posted publicly as part of the report process.

INTERNAL / EXTERNAL CONSULTATION:

City Operations staff, GrandBridge Energy and the Grand River Conservation Authority were consulted during the design of the pedestrian crossover. Staff will continue to work with each group as required through the implementation of the Pedestrian Crossover.

CONCLUSION:

Based on the Ontario Traffic Manual criteria, a Pedestrian Crossover (Level 2, Type B) is warranted at the Mill Run Trail crossing of Speedsville Road. Implementation of this Pedestrian Crossover is included in the approved 2023 Capital Program and will provide a controlled crossing on Speedsville Road for active transportation users of the Mill Run Trail.

REPORT IMPACTS:

Agreement: **No**

By-law: **Yes**

Budget Amendment: **No**

Policy: **No**

APPROVALS:

This report has gone through the appropriate workflow and has been reviewed and or approved by the following as required:

Director

Deputy City Manager

Chief Financial Officer

City Solicitor

City Manager

ATTACHMENTS:

1. 22-101 (CD) Appendix A – Area Diagram
2. 22-101 (CD) Appendix B – Pedestrian Crossover Diagram
3. 22-101 (CD) Appendix C – Draft By-law Amendment