

Review of Falconbridge Road Speed Limit

Presented To:	Operations Committee
Meeting Date:	June 19, 2023
Type:	Routine Management Reports
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Recommended by:	General Manager of Growth and Infrastructure

Report Summary

This report provides a recommendation regarding the posted speed limit of Falconbridge Road from 300 m Northeast of Madison Avenue to 300 m North of Maley Drive as requested by Councillor Sizer in a Member's Motion presented at the March 2023 Operations Committee meeting.

Resolution

THAT the City of Greater Sudbury reduces the speed limit on Falconbridge Road 300 meters Northeast of Madison Avenue to 300 meters North of Maley Drive to 60 km/h as outlined in the report entitled "Review of Falconbridge Road Speed Limit" from the General Manager of Growth and Infrastructure, presented at the Operations Committee meeting on June 19, 2023;

AND THAT the City of Greater Sudbury directs staff to prepare a by-law to amend Traffic and Parking By-law 2010-1 in the City of Greater Sudbury to implement the recommended changes.

Relationship to the Strategic Plan, Health Impact Assessment and Community Energy & Emissions Plan (CEEP)

This report refers to operational matters.

Financial Implications

Recommendations of this report may be carried out within the existing approved operating budget and staffing resources.

Background

At the March 2023 Operations Committee meeting Councilor Sizer brought forth a motion requesting that the speed limit along Falconbridge Road from 300 meters Northeast of Madison Avenue to 300 meters North of Maley Drive be reduced to 60 km/h from its existing posted speed of 80 km/h.

In 2010 City Council adopted the use of the Canadian Guidelines for Establishing Posted Speed Limits,

published by the Transportation Association of Canada, for evaluating posted speeds on arterial and major collector roadways. These guidelines assess appropriate posted speed limits based primarily on the classification, function, and physical characteristics of a roadway.

This segment of Falconbridge Road spans a length of about 1,000 meters and has a posted speed of 80km/h (See Exhibit A). The approaches leading to this corridor from the town of Garson in the north and New Sudbury in the south have posted speed limits of 60 km/h. It is classified as a primary arterial roadway due to its importance in the City's road network and is constructed to a rural standard with two lanes for northbound traffic, and two lanes for southbound traffic with an average annual daily traffic volume of approximately 20,000.

Staff evaluated this area of Falconbridge Road, by applying the current physical characteristics of this segment to the Canadian Guidelines and using a functional classification of a "four lane rural undivided major arterial". The evaluation yielded a total risk score of 54 and a recommended posted speed limit of 60 km/h for the segment (see Exhibit 'B')

Recommendation

Based on the Canadian Guidelines, it is recommended that the speed limit on Falconbridge Road 300 meters Northeast of Madison Avenue to 300 meters North of Maley Drive be lowered to 60 km/h.

Resources Cited

City of Greater Sudbury, Operations Committee Agenda, March 2023

Accessed online: <https://pub-greatersudbury.escribemeetings.com/Meeting.aspx?Id=166d6e77-88b3-467d-a762-fb891bf28295&Agenda=Agenda&lang=English&Item=19&Tab=attachments>