
HALDIMAND COUNTY

Report ECW-09-2020 McKenzie Road, Caledonia - Speed Limit Reduction

For Consideration by Council in Committee on November 17, 2020



OBJECTIVE:

To receive Council approval to implement a 40 km/h speed limit zone on McKenzie Road from Caledonia Drive to Haddington Street.

RECOMMENDATIONS:

1. THAT Report ECW-09-2020 McKenzie Road, Caledonia - Speed Limit Reduction be received;
2. AND THAT the Rate of Speed By-law be amended to create a 40 km/h speed limit zone on McKenzie Road as follows:

Street	From	To	Speed Limit
McKenzie Road	Caledonia Drive	Haddington Street	40 km/h

Respectfully submitted: Tyson Haedrich, M. Eng., P. Eng., General Manager of Engineering & Capital Works

Approved: Craig Manley, MCIP, RPP, Chief Administrative Officer

EXECUTIVE SUMMARY:

Based on an evaluation using the County's School Speed Limit Warrant Guidelines, a reduced speed limit of 40 km/h is warranted along McKenzie Road in front of McKinnon Park Secondary School and McKinnon Park Child Care Centre.

BACKGROUND:

At the June 30, 2020 Special Council meeting, staff were given a direction through the following resolution:

"THAT staff be directed to report back to a future Council in Committee meeting on reducing the speed limit from 50 km/h to 40 km/h on McKenzie Road from Caledonia Drive to Haddington Street."

This direction was initiated by concerns raised by the local Councillor related to the current 50 km/h speed limit on McKenzie Road and the McKinnon Park Child Care Centre which is located on the east side of the McKinnon Park Secondary School as shown in Attachment 1. The child care centre is responsible for approximately 41 children ranging in age from 0 to 6 years old.

The County's School Speed Limit Warrant Guidelines (see Attachment 2) approved through Report PW-ES-22-2015 Re: School Speed Limit Warrant Guidelines provides a warrant process to evaluate the recommended signage and/or lowered speed limits on roads adjacent to schools. Staff have found

that using warrants to evaluate requests for traffic related issues is beneficial in providing an objective analysis of the situation. Council support for this approach aligns with the previous adoption of All-Way Stop Warrants, a Speed Limit Policy and School Crossing Guard Warrant Guidelines.

The School Speed Limit Warrant Guidelines are based on the Transportation Association of Canada's (TAC) document that provides a similar evaluation process for playgrounds (including splash pads, skate parks, etc.). These warrants were used in 2015 to evaluate Haddington Street with McKinnon Park Secondary School located on the south side and the Caledonia Skate Park located on the north side. In this case the school did not meet the warrants but the skate park did and Haddington Street was identified for the 40 km/h speed limit.

The purpose of this report is to review the request using the County's School Speed Limit Warrant Guidelines with the McKinnon Park Child Care Centre in the analysis and provide a recommendation to Council regarding the requested speed limit reduction on McKenzie Road.

ANALYSIS:

In order to complete the warrants, staff conducted a site visit to McKinnon Park Secondary School and completed the scoring analysis using the child care centre in the evaluation. The main differences in the scoring between the original high school evaluation and the child care centre is the age of the children and to a lesser extent the distance to McKenzie Road.

Based on the evaluation for the McKinnon Park Child Care Centre (see Attachment 3), the scoring for the child care centre is 75 as compared to 38 for the high school alone. This scoring indicates that a reduced speed limit is warranted along McKenzie Road. This is a similar situation to Haddington Street where the school did not meet the warrants for the reduced speed but the skate park did resulting in a 40 km/h speed limit on Haddington Street.

In order to meet driver expectations the extents of the lowered speed limits for the school areas are located block to block and in this case the reduced speed is proposed from Caledonia Avenue to Haddington Street.

FINANCIAL/LEGAL IMPLICATIONS:

Roads Operations will be responsible for installing the required signage. The estimated cost is approximately \$500 and will be funded from the Road Operations regulatory/warning signage maintenance account.

STAKEHOLDER IMPACTS:

Not applicable.

REPORT IMPACTS:

Agreement: No

By-law: Yes

Budget Amendment: No

Policy: No

ATTACHMENTS:

1. Map of McKenzie Road
2. School Speed Limit Warrant Guidelines
3. McKinnon Park Secondary School Scoring - McKenzie Road