
HALDIMAND COUNTY

Report ENG-14-2022 Speed Limit Reduction - Caithness Street East and Haldimand Road 54, Caledonia



For Consideration by Council in Committee on September 20, 2022

OBJECTIVE:

To seek Council approval to extend the existing 50 km/h speed limit zone easterly on Caithness Street East and Haldimand Road 54 to the urban boundary of Caledonia.

RECOMMENDATIONS:

1. THAT Report ENG-14-2022 Speed Limit Reduction - Caithness Street East and Haldimand Road 54, Caledonia be received;
2. AND THAT the Rate of Speed By-law 2356/22 be amended to extend the 50 km/h speed limit zone on Caithness Street East and Haldimand Road 54 as outlined in Report ENG-14-2022.

Prepared by: Judy Brown, Transportation Engineering Technologist, Engineering Services

Reviewed by: Kristopher R. Franklin, Manager, Engineering Services

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

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

EXECUTIVE SUMMARY:

Caithness Street East and Haldimand Road 54 is a minor arterial road that extends eastwards from Argyle Street North in Caledonia. As a result of ongoing development, staff have reviewed the speed limit policy and are recommending extending 50 km/h speed zone along Caithness Street East and Haldimand Road 54 to the urban boundary of Caledonia.

BACKGROUND:

Caithness Street East and Haldimand Road 54, east of McClung Road, currently has speed limits that transition from 50 km/h, to 60 km/h and 80 km/h within the urban boundary of Caledonia (see Attachment 1). The continued buildout of the Avalon subdivision on the east end near the urban boundary will result in a semi urban cross section with sidewalks on the north side of the road. The intersection of Caithness Street East and McClung Road will also be upgraded to include traffic signals and turning lanes.

This increase in development and road infrastructure upgrades prompted a staff review of the speed zones along the Caithness Street East and Haldimand Road 54 corridor.

It should be noted that in 2018, the speed limit on McClung Road from Caithness Street to Haldimand Road 66 was lowered to 60 km/h as the Avalon subdivision build out was underway. It is anticipated

that in the future the speed limit on Haldimand Road 66 will also be lowered as the development proceeds.

ANALYSIS:

The County's Speed Limit Policy No. 2007-02 (see References) provides recommended speed limits for urban and rural road sections based on the road classification.

Based on its intended usage and traffic volumes, Caithness Street East and Haldimand Road 54 is classified as a minor arterial road with a semi-urban cross section. As shown in Table 1 of the policy, the urban section speed limit should be 50-60 km/h.

The existing speed limit on Caithness Street East and Haldimand Road 54 is currently posted between 50 km/h and 80 km/h. Recent development along the eastern end of this corridor has created a built up area extending east of the McClung Road intersection. The built up area along Caithness Street East and Haldimand Road 54 is considered a semi-urban section and based on the recommended speed limits in the Speed Limit Policy, extending the 50 km/h speed zone approximately 530 metres to the urban boundary is appropriate.

To amend the posted speed the following changes to the Haldimand County Rate of Speed By-law 2356/22 are required:

Rate of Speed By-law 2356/22 Schedule "A" to Delete

Highway	From	To	Maximum Rate of Speed
Haldimand Highway 54	Front Street North	160 metres east of McClung Road	80 km/h
Caithness Street East	375 metres west of McClung Road	160 metres east of McClung Road	60 km/h
Caithness Street East	Argyle Street North	375 metres west of McClung Road	50 km/h

Rate of Speed By-law 2356/22 Schedule "A" to Add

Highway	From	To	Maximum Rate of Speed
Caithness Street East	Argyle Street North	530 metres east of McClung Road	50 km/h
Haldimand Highway 54	Front Street North	530 metres east of McClung Road	80 km/h

FINANCIAL/LEGAL IMPLICATIONS:

Roads Operations will be responsible for installing the required signage. The estimated cost is approximately \$2,400 and will be funded from the Roads Operations regulatory/warning signage operating account.

STAKEHOLDER IMPACTS:

Not applicable.

REPORT IMPACTS:

Agreement: No

By-law: Yes

Budget Amendment: No

Policy: No

REFERENCES:

1. [Policy No 2007-02 Speed Limit Policy](#)

ATTACHMENTS:

1. Map.