

Speed Limit Reduction - Glencairn Avenue

Date: December 5, 2017

To: North York Community Council

From: Acting Director, Transportation Services, North York District

Wards: Ward 16 - Eglinton - Lawrence

SUMMARY

This staff report is about a matter for which Community Council has delegated authority to make a final decision, provided that it is not amended so that it varies with City policy or by-laws.

Transportation Services is requesting approval to reduce the speed limit to 30 km/h on Glencairn Avenue, between Bathurst Street and Mona Drive.

The implementation of the 30 km/h speed limit will promote a reduced operating speed on this section of roadway and address the residents' concerns with regards to vehicle speeds.

RECOMMENDATIONS

The Acting Director, Transportation Services, North York District recommends that North York Community Council:

1. Reduce the speed limit from 50 km/h to 30 km/h on Glencairn Avenue, between Bathurst Street and a point 310.5 metres west of Mona Drive.
2. Amend the existing 40 km/h speed limit on Glencairn Avenue, between Yonge Street and a point 310.5 metres west of Mona Drive, to operate between Yonge Street and Mona Drive.
3. Reduce the speed limit from 40 km/h to 30 km/h on Glencairn Avenue, between Mona Drive and a point 310.5 metres west.

FINANCIAL IMPACT

All costs associated with the speed limit reduction on Glencairn Avenue are included within the Transportation Services 2018 Interim Operating Budget.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

Transportation Services was requested by Councillor Christin Carmichael Greb, on behalf of the local residents, to investigate measures to lower vehicle speeds to address pedestrian safety concerns on Glencairn Avenue, between Bathurst Street and Mona Drive. A petition, meeting the minimum criteria of support by at least 25% of the residents, has been submitted to staff for this street.

Glencairn Avenue, between Bathurst Street and Glen Rush Boulevard, is classified as a collector street. Glencairn Avenue, between Glen Rush Boulevard and Mona Drive, is classified as a local street. Between Bathurst Street and Mona Drive, Glencairn Avenue is approximately 910 metres in length and is primarily comprised of single family residential homes. Netivot Ha Torah Day School is located on the north side of the street, between Bathurst Street and Forest Wood. There are municipal sidewalks on both sides of the street, in the sections between Bathurst Street and Forest Wood and between Mona Drive and a point 310.5 metres west. The remainder of the street has a municipal sidewalk on the south side only. Heavy trucks are prohibited at all times and there is no TTC service provided on Glencairn Avenue.

Currently there are two different speed limits on Glencairn Avenue, between Bathurst Street and Mona Drive. There is a regulatory 50 km/h speed limit in effect between Bathurst Street and a point 310.5 metres west of Mona Drive. Additionally, there is a posted 40 km/h speed limit in effect between Mona Drive and a point 310.5 metres west. The division that is located 310.5 metres west of Mona Drive corresponds to the boundary between the former Cities of Toronto and North York.

All-way stop controls are provided on Glencairn Avenue at Forest Wood, Alexandra Wood, Glen Rush Boulevard and Mona Drive. Traffic control signals are located at the intersection of Bathurst Street and Glencairn Avenue.

The current parking/stopping regulations on Glencairn Avenue are as follows:

North side:

- Stopping is prohibited at all times, between Bathurst Street and a point 65 metres east;
- Parking is prohibited between the hours of 8:00 a.m. to 6:00 p.m., Monday to Friday, between Forest Wood and Alexandra Wood; and
- three-hour time limit parking is in effect at all other times (unsigned, statutory).

South side:

- Stopping is prohibited at all times, between Bathurst Street and a point 67 metres east;
- Parking is prohibited at all times, between a point 67 metres east of Bathurst Street and a point opposite the easterly limit of Glen Rush Boulevard; and
- three-hour time limit parking is in effect at all other times (unsigned, statutory).

Transportation Services conducted mid-block speed and volume studies in the section of Glencairn Avenue that has a 50 km/h speed limit on June 21, 2017. The following table summarizes the road section, the direction, the daily traffic volume, the average speed and the 85th percentile speed (the speed at which 85 percent of traffic travels at, or below).

Table 1: Speed and Volume Summary

Section of Glencairn Avenue	Direction	Daily Traffic Volume	Average Speed (km/h)	85th %ile speed (km/h)
Between Bathurst Street and Forest Wood	Eastbound	2,390	38	45
	Westbound	2,743	38	46
Between Forest Wood and Alexandra Wood	Eastbound	2,554	37	43
	Westbound	2,759	36	41
Between Alexandra Wood and Glen Rush Boulevard	Eastbound	2,128	34	40
	Westbound	2,397	32	38

A review of the Toronto Police Service collision records over a three year period ending June 30, 2017, disclosed one collision involving speeding or a pedestrian on Glencairn Avenue.

City Council, at its meeting on May 5, 2015 approved a city wide policy regarding the implementation requirements for a 30 km/h speed limit (Item PW3.3). The criteria recommended for the implementation of a 30 km/h speed limit is based on the development of four warrants:

- A. Petition (ensures there is a basic level of community support);
- B. Road Environment (classification, pavement width, speeds and volumes);
- C. School and Cycling Environment (proximity to schools, parks and cycling facilities);
and
- D. Pedestrian and Traffic Environment (existence of sidewalks, parking, geometric design elements).

These warrants as developed are intended to assist staff in determining when to consider a reduction in the speed limit to 30 km/h even in the absence of traffic calming measures.

The criteria for the implementation of a 30 km/h speed limit have been examined. It has been determined that the warrant criteria is satisfied on Glencairn Avenue, specifically as warrants A and B have been met.

The proposed changes will promote lower operating speeds and enhance pedestrian safety on the subject section of Glencairn Avenue.

The Ward Councillor has been advised of the recommendations of this staff report.

CONTACT

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SIGNATURE

Peter K. Hillier
Acting Director

ATTACHMENTS

Attachment 1: Map – Speed Limit Reduction: Glencairn Avenue