

All-Way Stop Control - Glengrove Avenue and Lois Avenue

Date: October 11, 2017

To: North York Community Council

From: Acting Director, Transportation Services Division, North York District

Wards: Ward 15 – 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 North York Community Council to authorize the installation of an all-way stop control at the intersection of Glengrove Avenue and Lois Avenue.

The installation of an all-way stop control at this intersection is warranted and will appropriately assign the right-of-way to address safety concerns at the intersection.

RECOMMENDATIONS

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

1. Authorize all-way compulsory stop control at the intersection of Glengrove Avenue and Lois Avenue.

FINANCIAL IMPACT

All costs associated with the installation of the all-way stop control at the intersection of Glengrove Avenue and Lois Avenue, including required pedestrian ramps, estimated at \$1,000.00 are included within the Transportation Services 2017 Operating Budget.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

Transportation Services was requested by Councillor Josh Colle, on behalf of a local resident, to review the need for all-way stop control at the intersection of Glengrove Avenue and Lois Avenue.

Glengrove Avenue is a two-way local street that runs east/west. Lois Avenue is a two-way local street that runs north/south and intersects the north side of Glengrove Avenue in a stop controlled, 'T' type intersection. Both roads have a regulatory speed limit of 50 km/h. Municipal sidewalks are located on both sides of Lois Avenue and both sides of Glengrove Avenue, east of Lois Avenue. The land use in this area is generally residential and Wenderly Park is located approximately 80 metres east of the intersection, along Glengrove Avenue.

A review of Toronto Police Service collision records for the three-year period ending June 30, 2017, revealed that no collisions have been reported at the intersection of Glengrove Avenue and Lois Avenue of a type susceptible to correction by the installation of an all-way stop control.

In order for all-way stop control to be justified the warrant criteria adopted by City Council must be satisfied. The criteria include collision history, total vehicle volume, combined vehicle and pedestrian volumes crossing the major road and the percentage of traffic on the major road.

Transportation Services applied the warrant criteria against a vehicle and pedestrian study conducted on September 21, 2017 and the collision history at the intersection of Glengrove Avenue and Lois Avenue. The results are summarized below:

Table 1: Warrant Analysis for All-Way Stop for Glengrove Avenue and Lois Avenue

	Glengrove Avenue and Lois Avenue	Actual Value	Required	Satisfied (YES/NO)
A	Collision History	0/3yrs	6/3yrs	NO
B1	Total Vehicle Volumes	221	250/avg hr	NO
B2	Combined Veh. & Ped. Volumes crossing major road	112	100/avg hr	YES
B3	Percentage of traffic on major road	51	≤70	YES
	Overall Warrant			YES

In order for all-way stop control to be justified either Warrant A must be met or Warrants B1 or B2 combined with Warrant B3 must be met. Our study results indicate all-way stop control is justified as warrants B2 and B3 are satisfied.

In view of the above-noted results and traffic distribution, Transportation Services recommends the installation of an all-way stop control at the intersection of Glengrove Avenue and Lois Avenue to appropriately assign the right of way. It is noted that the absence of sidewalks on Glengrove Avenue, west of Lois Avenue, will preclude the installation of pedestrian crossing lines on the north and west intersection legs.

The Ward Councillor is aware of the recommendation in this staff report.

CONTACT

Dan Clement, Acting Manager, Traffic Operations, Transportation Services Division,
North York District, Tel: 416-395-7463, Fax: 416-395-7544, Email:
Dan.Clement@toronto.ca

SIGNATURE

Peter K. Hillier
Acting Director

ATTACHMENTS

Attachment 1: Map - All-Way Stop Control - Glengrove Avenue and Lois Avenue