

All-Way Stop Control - Ameer Avenue and Regina Avenue

Date: October 3, 2019

To: North York Community Council

From: Acting Director, Traffic Management, Transportation Services

Wards: Ward 8 - Eglinton-Lawrence

SUMMARY

As the Toronto Transit Commission (TTC) operates bus service on Ameer Avenue, City Council approval of this report is required.

Transportation Services is requesting City Council to authorize the installation of all-way stop control at the intersection of Ameer Avenue and Regina Avenue.

The installation of all-way stop control is justified to clearly establish the right-of-way and to enhance pedestrian and vehicular safety at this intersection.

RECOMMENDATIONS

The Acting Director, Traffic Management, Transportation Services recommends that City Council:

1. Authorize all-way stop control at the intersection of Ameer Avenue and Regina Avenue.

FINANCIAL IMPACT

All costs associated with the necessary sign installations are included within the Transportation Services 2019 Operating Budget.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

Transportation Services was requested by Councillor Mike Colle, on behalf of local residents, to install permanent all-way stop sign control at the intersection of Ameer Avenue and Regina Avenue. The intersection currently has temporary all-way stop control as part of Toronto Water work in the area.

Ameer Avenue is a north-south collector street that operates free flow at the intersection with Regina Avenue. Regina Avenue is a local street that is stop controlled at the intersection. Regina Avenue operates one-way eastbound east of Ameer Avenue and two-way west of Ameer Avenue. There is regular TTC bus service on Ameer Avenue. The land use in the vicinity of the intersection is residential.

A review of Toronto Police Service collision records for the three-year period ending April 30, 2019 revealed that there have been nine reported collision at this intersection. Eight of these collisions are considered potentially preventable by the installation of all-way stop control.

Toronto Water is undertaking watermain work in the vicinity of the intersection of Ameer Avenue and Regina Avenue. As part of this work Regina Avenue has been temporarily converted to a two-way operation east of Ameer Avenue and temporary all-way stop signs are installed at the intersection.

The intersection of Ameer Avenue was evaluated against the warrant for all-way stop control. The criteria includes collision history, total vehicle volume, combined vehicle and pedestrian volumes crossing the major street.

The warrant criteria was applied against a vehicle and pedestrian counts completed on September 23, 2019 and September 27, 2019 during the p.m. and a.m. peak periods and the above collision history. Westbound traffic approaching on Regina Avenue was excluded from the study as this is a temporary condition of the Toronto Water work. The results are summarized in Table 1 below.

Table 1: All-Way Stop Control at Ameer Avenue and Regina Avenue

	Ameer Avenue and Regina Avenue	Actual	Required	Satisfied (YES/NO)
A	Number of Potentially Preventable Collisions (April 30, 2016 to April 30, 2019)	8	9	NO
B1	Average Vehicle Volumes	525/hr	375/hr	YES
B2	Combined Vehicle & Pedestrian Volumes Crossing Major Road (Average)***	128/hr	150/hr	NO
B3	Percentage of traffic on major road***	77%	≤70%	NO
	Overall Warrant			NO

*** New Pedestrian Warrant numbers used as adopted by City Council on July 16, 2019 in the Vision Zero 2.0 report

In order for the all-way stop control to be technically warranted, either Warrant A must be met or Warrant B1 or B2 combined with Warrant B3 must be achieved. Our study results determined that this intersection does not meet the numerical requirements for the installation of all-way stop control.

However, the warrant criteria, including the collision history is almost satisfied. Also observations during the September traffic study revealed that the temporary all-way stop control has enhanced safety at the intersection, as noted by residents in their request that initiated this study. Therefore, Transportation Services recommends all-way stop control at the intersection of Ameer Avenue and Regina Avenue.

If all-way stop control is approved the temporary signs will be replaced to permanent signs at the completion of the Toronto Water work.

The Ward Councillor is aware of the recommendations of this staff report.

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SIGNATURE

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ATTACHMENTS

Attachment 1: Map - All-Way Stop Control - Ameer Avenue and Regina Avenue

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