

All-Way Stop Control - Parkview Avenue and Longmore Street

Date: December 18, 2019

To: North York Community Council

From: Acting Director, Traffic Management, Transportation Services

Wards: Ward 18 - Willowdale

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 all-way stop control at the intersection of Parkview Avenue and Longmore Street.

The installation of an all-way stop control is justified at the intersection of Parkview Avenue and Longmore Street, which will establish the right-of-way and enhance pedestrian and vehicular safety at this intersection.

RECOMMENDATIONS

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

1. Authorize all-way stop control at the intersection of Parkview Avenue and Longmore Street.

FINANCIAL IMPACT

All costs associated with the necessary sign and pavement marking installations are included within the Transportation Services 2020 Interim Operating Budget.

DECISION HISTORY

This report addresses a new matter.

COMMENTS

Transportation Services was requested by a local resident to review the need for all-way stop control at the intersection of Parkview Avenue and Longmore Street.

Parkview Avenue is an east-west local street that operates free flow at the intersection with Longmore Street and is located in the community between Sheppard Avenue East and Finch Avenue East, immediately east of Willowdale Avenue. There are sidewalks on the north side of Parkview Avenue. Longmore Street is a north-south local street that is stop controlled at the intersection. There are sidewalks on the east side of Longmore Street. Both streets are 8.5 metres wide and have regulatory speed limits of 50 km/h. Heavy trucks are prohibited at all times and there is no TTC service provided on either of these streets. The existing land use within the immediate area of the intersection of Parkview Avenue and Longmore Street is primarily residential.

A review of the Toronto Police Service collision records for the three-year period ending June 30, 2019, revealed that four collisions were reported at the intersection of Parkview Avenue and Longmore Street of a type susceptible to correction by the installation of an all-way stop control. None of these collisions involved pedestrians.

The intersection of Parkview Avenue and Longmore Street was evaluated against the warrants for all-way stop control as adopted by City Council. The warrant consists of four components – collision history, total vehicle volume, combined vehicle and pedestrian volumes crossing the major road and the percentage of traffic on the major road.

The studies were conducted on November 13, 2019 and November 14, 2019, during the p.m. and a.m. peak periods respectively, and the collision history at the intersection was reviewed. The results of the warrant analysis are summarized in the following table:

Table 1: All-Way Stop Control at Parkview Avenue and Longmore Street

	Warrant Criteria	Actual	Required	Satisfied (YES/NO)
A	Number of Potentially Preventable Collisions	4	6	No
B1	Average Vehicle Volumes	226/hr	250/hr	No
B2	Combined Vehicle & Pedestrian Volumes Crossing Major Road (Average)***	100/hr	100/hr	Yes
B3	Percentage of traffic on major road	58%	≤70%	Yes
	Overall Warrant			Yes

*** New Pedestrian Warrant criteria 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 met. Based on the study results shown in the table above, technical Warrants B2 and B3 are met. Therefore, it is recommended that all-way stop control be implemented of Parkview Avenue and Longmore Street.

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

CONTACT

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SIGNATURE

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ATTACHMENTS

Attachment 1: Map - All-Way Stop Control - Parkview Avenue and Longmore Street

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