



**STAFF REPORT
ACTION REQUIRED**

All-Way Stop Control – Logan Avenue at Simpson Avenue

Date:	September 4, 2015
To:	Toronto and East York Community Council
From:	Director, Transportation Services, Toronto and East York District
Wards:	Toronto-Danforth, Ward 30
Reference Number:	Ts2015156te.top.doc

SUMMARY

This staff report is about a matter for which Toronto and East York Community Council has delegated authority from City Council to make a final decision.

Transportation Services is responding to a request from Councillor Paula Fletcher to report on the need for all-way stop control at the intersection of Logan Avenue and Simpson Avenue. Based on staff's investigation, the installation of all-way stop control is not warranted or recommended.

RECOMMENDATION

Transportation Services recommends that Toronto and East York Community Council:

1. Not approve the installation of all-way stop control at the intersection of Logan Avenue and Simpson Avenue.

Financial Impact

The adoption of the above-noted recommendation will not result in any financial impact.

ISSUE BACKGROUND

Transportation Services was requested by Councillor Paula Fletcher to investigate the need for all-way stop control at the intersection of Logan Avenue and Simpson Avenue.

COMMENTS

Logan Avenue, between Gerrard Street East and Danforth Avenue, is a collector road operating one-way northbound with a posted speed limit of 30 km/h in the vicinity of Simpson Avenue.

Simpson Avenue is a local road operating two-way (east/west) between Carlaw Avenue and Logan Avenue and one-way westbound from Logan Avenue to Broadview Avenue.

Logan Avenue and Simpson Avenue intersect to form a four-leg intersection with right-of-way controlled by a stop sign for westbound traffic on Simpson Avenue. The intersection of Logan Avenue and Simpson Avenue is located approximately 85 metres north of the traffic control signals at Gerrard Street East and Logan Avenue and approximately 83 metres south of the all-way stop sign controlled intersection at Logan Avenue and Victor Avenue. There is no TTC service provided on Logan Avenue or Simpson Avenue at this intersection.

Analysis

A review of the Toronto Police Service collision records over a three-year period ending October 31, 2013, reported one collision at this intersection. This collision involved a cyclist travelling the wrong-way (southbound) on Logan Avenue and a motor vehicle travelling westbound on Simpson Avenue and would not have been preventable by the presence of all-way stop control at the intersection.

In order for an all-way stop control to be justified at an intersection, established warrant criteria must be satisfied. The criteria, as adopted by City Council, include such factors as 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 evaluated the intersection of Logan Avenue and Simpson Avenue and applied the results of the recent vehicle and pedestrian study and the collision records of the Toronto Police Service to the all-way stop control criteria. Based on the review, this intersection did not meet the minimum criteria required for all-way stop control.

The results of the all-way stop control warrant study at the intersection of Logan Avenue and Simpson Avenue are summarized below:

Minimum Vehicle Volume (Each of Four Peak Hours)	Combined Crossing Volume (Vehicles & Pedestrians)	Main street/Side-street Volume Split (<70%/30%)	Collision* Hazard (≥ 3 /yr.) * collisions of the type susceptible by use of all-way stop control	All-Way Stop Warrants Satisfied (Yes/No)
Required: 375 Vehicles/Hour Actual: 371 Vehicles/Hour	Required: 150 Units/Hour Actual: 115 Units/Hour	71%/29%	0	No

Based on the relatively low volume of vehicles and pedestrians entering the intersection, and the good collision history, the installation of an all-way stop control at the intersection of Logan Avenue and Simpson Avenue is not supported by the technical criteria adopted by Toronto City Council and not recommended.

CONTACT

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SIGNATURE

Kyp Perikleous
Director, Transportation Services
Toronto and East York District

LIST OF ATTACHMENTS

1. Drawing No. 421G-1897, dated September 2015

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