

All-Way Stop Control – Spring Garden Avenue and Clairtrell Road

Date: June 12, 2017

To: North York Community Council

From: Acting Director, Transportation Services, North York District

Wards: Ward 23 – 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 Service is requesting North York Community Council to authorize the installation of all-way stop control at the intersection of Spring Garden Avenue and Clairtrell Road.

The installation of all-way stop control is warranted at this intersection and will enhance safety for all road users.

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 Spring Garden Avenue and Clairtrell Road.

FINANCIAL IMPACT

All costs associated with the installation of the all-way compulsory stop control, including required pedestrian ramps, at the intersection of Spring Garden Avenue and Clairtrell Road, estimated at \$8,000.00 are included within the Transportation Services 2017 Operating Budget.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

Spring Garden Avenue is a two-way local road that runs west from Bayview Avenue with a regulatory speed limit of 40 km/h and municipal sidewalks on both sides of the road. Clairtrell Road is a two-way local roadway with a regulatory speed limit of 50 km/h that forms a T-type stop-controlled intersection on the south side of Spring Garden Avenue. Municipal sidewalks are on both sides of the road.

A review of Toronto Police Service collision records for the three-year period ending December 31, 2016, revealed that one collision has been reported at the intersection Spring Garden Avenue and Clairtrell Road 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 recent vehicle and pedestrian study and the collision history at the intersection of Spring Garden Avenue and Clairtrell Road. The results are summarized below:

	Spring Garden Avenue at Clairtrell Road	Actual Value	Required	Satisfied (YES/NO)
A	Collision History	1/3yrs	6/3yrs	NO
B1	Total Vehicle Volumes	295	250/avg hr	YES
B2	Combined Veh. & Ped. Volumes crossing major road	113	100/avg hr	YES
B3	Percentage of traffic on major road	65	≤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 because warrants B1, B2 and B3 are satisfied.

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

CONTACT

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SIGNATURE

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