



STAFF REPORT ACTION REQUIRED

Proposed All-Way Stop Control – Charles Street West and St. Thomas Street

Date:	February 24, 2009
To:	Toronto and East York Community Council
From:	Director, Transportation Services Toronto and East York District
Wards:	Toronto Centre-Rosedale, Ward 27
Reference Number:	Ts09027te.top.doc

SUMMARY

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

Transportation Services is requesting approval from Toronto and East York Community Council to introduce an all-way stop control at the intersection of Charles Street West and St. Thomas Street.

The results of a traffic study undertaken at the intersection of Charles Street West and St. Thomas Street indicate that the intersection does satisfy the installation criteria for all-way stop control approved by Toronto City Council.

RECOMMENDATIONS

Transportation Services recommends that Toronto and East York Community Council:

1. Approve a stop sign to be installed for westbound traffic on Charles Street West at St. Thomas Street.

Financial Impact

Type of Funding	Source of Funds	Amount
Available within current budget	Transportation Services Division Interim 2009 Operating Budget	\$500.00

ISSUE BACKGROUND

Transportation Services reviewed the need for all-way stop control at the intersection of Charles Street West and St. Thomas Street, in response to a request from Councillor Kyle Rae, on behalf of a local resident. The resident expressed a concern about pedestrian safety at this intersection, particularly with the increase in pedestrian and vehicular activity generated by the new condominium development at 1 St. Thomas Street.

COMMENTS

Charles Street West at St. Thomas Street operates one-way westbound with a pavement width of 6.1 metres. St. Thomas Street at Charles Street West operates two-way northbound and southbound with a pavement width of 6.4 metres. The speed limit for both streets is 50 km/h. These streets meet to form a standard "T"-type intersection. A stop sign is posted on St. Thomas Street at Charles Street West for southbound traffic. This sign is clearly visible and in good repair. There is no TTC service on either Charles Street West or St. Thomas Street.

Transportation Services reviewed the Toronto Police Services' collision data records for the period from January 1, 2006 to December 31, 2008, and found one collision has been reported at the intersection of Charles Street West and St. Thomas Street. The driver was charged with disobeying a stop sign.

In order for 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 right-of-way conflicts, collision history, vehicular and pedestrian usage of the intersection.

Transportation Services has applied the results of a recent vehicle/pedestrian count conducted at the intersection and the collision records of the Toronto Police Service to the all-way stop installation criteria. The results are as follows:

- that the volume split is 62/38, which does not exceed an average of 70/30; and
- average combined vehicle and pedestrian volume crossing major road per peak hour = 151 (minimum of 150 required).

Based on the volume split and the high amount of vehicles and pedestrians entering the intersection, the installation of an all-way stop control at the subject intersection is justified.

CONTACT

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SIGNATURE

Andrew Koropeski, P.Eng.
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LIST OF ATTACHMENTS

(1) Drawing No. 421F-9566, dated February 2009

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