



**STAFF REPORT
ACTION REQUIRED**

All-Way Stop Control – Chatham Avenue at Euston Avenue

Date:	November 9, 2010
To:	Toronto and East York Community Council
From:	Director, Transportation Services Toronto and East York District
Wards:	Toronto- Danforth, Ward 30
Reference Number:	Ts10145te.top.doc

SUMMARY

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

Transportation Services is requesting approval from Toronto and East York Community Council to introduce all-way stop control at the intersection of Chatham Avenue and Euston Avenue. The installation of all-way stop signage at this intersection will enhance pedestrian safety.

RECOMMENDATIONS

Transportation Services recommends that Toronto and East York Community Council:

1. Approve the installation of all-way stop control at Chatham Avenue and Euston Avenue.

Financial Impact

Funding for the installation of “Stop” signage in the estimated amount of \$250.00 is available within Transportation Services Division 2011 Interim Operating Budget.

ISSUE BACKGROUND

Transportation Services, in consultation with Councillor Paula Fletcher, reviewed the need for all-way stop control at the intersection of Chatham Avenue and Euston Avenue in response to a request from an area resident who expressed a concern about pedestrian safety at the intersection.

COMMENTS

Chatham Avenue is a local road operating two-way between Greenwood Avenue and Byron Avenue, then one-way westbound from Byron Avenue to Jones Avenue, one block south of Danforth Avenue. The posted maximum speed limit is 40 km/h. Euston Avenue is a north/south local road operating two-way between Danforth Avenue and Chatham Avenue, one block east of Jones Avenue. Chatham Avenue and Euston Avenue intersect to form a T- type intersection. A "Stop" sign was previously installed for southbound traffic on Euston Avenue; however, our investigation revealed there is no by-law in place to support this stop sign, so this should now be formalized. Eastern Commerce Collegiate Institute is located on the south side of Chatham Avenue and a private driveway serving the parking lot of the high school intersects the south side of the intersection. Euston Avenue forms a pedestrian link between the Danforth/Donlands Subway Station and Eastern Commerce Collegiate Institute.

In order for all-way stop control to be justified at an intersection, established warrant criteria must be satisfied. The criteria, as approved by City Council, include such factors as right-of-way conflicts, collision history, vehicular and pedestrian usage of the intersection.

Transportation Services staff applied the results of a recent traffic count conducted at the intersection along with Toronto Police Service collision records, to the all-way stop installation criteria. The results were as follows:

- average total approach volume = 77 vehicles (250 vehicles minimum required);
- average combined vehicle and pedestrian volume crossing major road = 321 (100 minimum required); and
- collision* history for the most recent three-year period = 0.3 collisions per year (minimum 2 collisions per year required).

(*collisions of the type susceptible to correction by use of all-way stop control)

The traffic count was conducted over an eight-hour period during a weekday in mid-September of this year and during that period, 1750 pedestrians crossed Chatham Avenue in the vicinity of Euston Avenue. As noted above, Euston Avenue connects Danforth Avenue and Chatham Avenue and forms a pedestrian link between Eastern Commerce Collegiate Institute and the Danforth/Donlands subway station as well as retail/restaurant businesses on Danforth Avenue.

Based on the traffic study noted above, all-way stop control at the intersection of Chatham Avenue and Euston Avenue is warranted. Implementing all-way stop control will enhance pedestrian safety and reduce right-of-way conflicts at the intersection.

CONTACT

Brian Holditch, Transportation Technologist
Traffic Operations, Toronto and East York District
Phone (416) 338-5428
Fax: (416) 392-1920
e-mail: bholditc@toronto.ca

SIGNATURE

Andrew Koropeski, P.Eng.
Director, Transportation Services

LIST OF ATTACHMENTS

(1) Drawing No. 421G-0166, dated November 2010

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