TORONTO

STAFF REPORT
ACTION REQUIRED

All-way Stop Control - Coleridge Avenue at Sammon Avenue

Date:	October 19, 2009
To:	Toronto and East York Community Council
From:	Director, Transportation Services Toronto and East York District
Wards:	Beaches – East York, Ward 31
Reference Number:	Ts09179te.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 staff have investigated installing all-way stop control at the intersection of Coleridge Avenue and Sammon Avenue.

Traffic and pedestrian volumes are too low to meet the All-way Stop Control Warrant. Therefore, all-way stop control should not be installed at the intersection of Coleridge Avenue and Sammon Avenue.

RECOMMENDATIONS

Transportation Services recommends to Toronto and East York Community Council that:

1.   Stop signs not be installed for eastbound and westbound traffic on Sammon Avenue at Coleridge Avenue.

Financial Impact

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

If, however, Toronto and East York Community Council decides all-way stop control at the intersection of Coleridge Avenue and Sammon Avenue would be beneficial, the following financial impact will result:

Type of Funding	Source of Funds	Amount
Available within current budget	Transportation Services Division 2009 Operating Budget.	$700.00

ISSUE BACKGROUND

In response to a petition from local residents and in consultation with Councillor Janet Davis, Transportation Services staff have investigated the feasibility of installing all-way stop signs at Coleridge Avenue and Sammon Avenue.

COMMENTS

Sammon Avenue, east of Woodbine Avenue, is a local road operating two-way eastbound and westbound with a pavement width of 8.5 metres. The speed limit on Sammon Avenue is 40 km/h. Coleridge Avenue is a local road operating two-way northbound and southbound on a pavement width of 7.3 metres with a speed limit of 50 km/h. "Stop" signs posted on Coleridge Avenue at Sammon Avenue are clearly visible and establish right-of way. There is no transit route on Coleridge Avenue or Sammon Avenue.

Our review of the Toronto Police Service's collision data records disclosed that one collision, potentially avoidable with the installation of all-way stop controls, was reported at this intersection between January 1, 2006 and December 31, 2008.

Analysis

A review for all-way stop sign control at an intersection considers:

- collision history for the preceding three years;
- vehicle and pedestrian traffic volumes during peak hours;
- the split of traffic volume between one street and the other; and
- local conditions, such as sight lines at the intersection.

The technical results of our investigation are shown in the following table:

Intersection	Present Condition	Total Vehicle Volume all Approaches (Required 500 Veh/Hr., Each of the 8 Hours)	Vehicles and Pedestrians Crossing the Through Street (Required 200 Units/Hr., Each of the same 8 Hours)	Volume Split (<70%/30%)	Collision Hazard (≥2/yr.)	All-way "Stop" Warrants Satisfied (Yes/No)
Coleridge Avenue and Sammon Avenue	"Stop" signs on Coleridge Avenue	Actual - 67 Veh/Hr.	Actual - 36 Units/Hr.	54% /46%	0.3	No

Based on the above, the technical warrant for the installation of an all-way stop sign control at this intersection is not satisfied at the present time.

Alternate recommendations

If, despite the findings above, Toronto and East York Community Council determines that installing all-way stop control at the intersection of Coleridge Avenue and Sammon Avenue would be beneficial, it may approve the following:

(1)   Stop signs be installed for eastbound and westbound traffic on Sammon Avenue at Coleridge Avenue.

CONTACT

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SIGNATURE

Peter Noehammer, P.Eng.
Director, Transportation Services

LIST OF ATTACHMENTS
(1)   Drawing No. 421F-9820, dated October 2009

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