



STAFF REPORT ACTION REQUIRED

Proposed All-Way Stop Control on Sinnott Road and Civic Road

Date:	October 21, 2008
To:	Scarborough Community Council
From:	Director, Transportation Services, Scarborough District
Wards:	Ward 35 – Scarborough Southwest
Reference Number:	P:\2008\Cluster B\TRA\Scarborough\sc08092 D08- 2919929 Sinnott Civic all-way stop

SUMMARY

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

This report provides the results of an All-Way Stop Control study conducted at the intersection of Sinnott Road and Civic Road.

Traffic studies reveal that an All-Way Stop Control is warranted at the noted intersection.

RECOMMENDATIONS

Transportation Services, Scarborough District, recommends that Scarborough Community Council:

1. Adopt the installation of an All-Way Stop Control at the intersection of Sinnott Road and Civic Road.
2. Rescind the “Through Street” regulation, as identified in the Appendix 1 of this report.
3. Adopt the “Compulsory Stops” regulations, as identified in the Appendix 2 of this report.
4. Amend the appropriate by-law accordingly.

Financial Impact

The financial cost of installing these stop controls is approximately \$1,750.00. The funding for these stop controls is available in the Transportation Services 2008 Operating Budget, within Cost Centre TP0397.

ISSUE BACKGROUND

Further to a request from the local business offices, Transportation Services staff reviewed the feasibility of installing an All-Way Stop Control at the intersection of Sinnott Road and Civic Road.

The justification for the installation of an All-Way Stop Control is based on a technical warrant adopted by Council for use in the City of Toronto.

COMMENTS

The following characteristics describe the intersection of Sinnott Road and Civic Road:

- This three-way intersection is located in the Eglinton Avenue/Warden Avenue employment district and is presently controlled by an eastbound stop sign on Civic Road.
- The pseudo fourth leg of the intersection is formed by a driveway of the office complex at 2201 Eglinton Avenue East. Under the Uniform Traffic By-law all operators of a vehicle emerging from a driveway must bring the vehicle to a full stop immediately before entering the roadway.
- The daily traffic volume on Sinnott Road is approximately 5,500 vehicles per day.
- Sinnott Road is classified as a collector road while Civic Road is classified as a local road.
- Sinnott Road and Civic Road are two lane industrial/commercial roadways with a speed limit of 50 kilometres per hour (not signed).
- Sidewalks are not provided on Sinnott Road or Civic Road.

All-Way Stop Control Warrant Study

A traffic study conducted at the intersection of Sinnott Road and Civic Road during the morning and afternoon peak hours of a typical weekday (Monday, September 15, 2008) produced the following results:

All-Way Stop Control Warrant	Total Approach Vehicle Volume	Vehicle/Pedestrian Volume Crossing Major Road	Unit Volume Split* Major/Minor Roads
Four-Hour Study Period Average	505	172	70/30
Warrant Requirements For Study Period Average	≥ 375	≥ 150	≥ 30/70 or ≤ 70/30

* "Unit Volume Split": Major Road Volume – Vehicles only.
Minor Road Volume – Vehicles plus pedestrians crossing the major road.

For an All-Way Stop Control to be numerically justified, the traffic volume requirements for the “Study Period Average” must be completely satisfied in either of the following two combinations of the above categories:

1. “Total Approach Vehicle Volume” and “Unit Volume Split – Major/Minor Roads”

or

2. “Vehicle/Pedestrian Volume Crossing Major Road” and “Unit Volume Split-Major/Minor Roads”

As outlined in the above table, the traffic volumes satisfy the warrant requirements; therefore, an All-Way Stop Control is warranted and should be installed at this intersection.

Collision History

A review of the Toronto Police Service collision records for the five-year period ending December 31, 2007 revealed that only one collision has been reported at the subject intersection.

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ATTACHMENTS

1. Appendix 1 – By-law Amendment (rescind)
2. Appendix 2 – By-law Amendment (enact)
3. Location Plan (Proposed All-Way Stop Control – Sinnott Road and Civic Road)

Appendix 1

“Through Streets”
Regulations to be Rescinded

(In
Column 1)
Highway

(In
Column 2)
From

To

Sinnott Road

north limit of
Comstock Road

south limit of
Eglinton Avenue

Appendix 2

“Compulsory Stops”
Regulation to be Enacted

Column 1
Intersection

Column 2
Stop Street

Civic Road and Sinnott Road

Civic Road

Sherry Road and Sinnott Road

Sherry Road

Sinnott Road and Civic Road

Sinnott Road