



STAFF REPORT ACTION REQUIRED

Willowridge Road and Richgrove Drive – All-Way Stop Control

Date:	July 26, 2008
To:	Etobicoke York Community Council
From:	Director, Transportation Services - Etobicoke York District
Wards:	Ward 4 – Etobicoke Centre
Reference Number:	p:\2008\Cluster B\TRA\Etobicoke York\eycc080113-to

SUMMARY

The purpose of this report is to recommend the installation of an all-way stop control at the intersection of Willowridge Road and Richgrove Drive. The stop signs will enhance traffic management and traffic safety for all road users at this location.

As the Toronto Transit Commission (TTC) operates a transit service on Willowridge Road and Richgrove Drive, City Council approval of this report is required. The TTC staff has been advised of the recommended installation of an all-way stop control at this intersection.

RECOMMENDATIONS

Transportation Services recommends that Etobicoke York Community Council approve:

1. The installation of an all-way stop control at the intersection of Willowridge Road and Richgrove Drive as the All-Way Stop Control Warrant is achieved.

Financial Impact

Type of Funding	Source of Funding	Amount
Available within current budget	Transportation Services Operating Budget	\$ 700.00

ISSUE BACKGROUND

Transportation Services staff attended a meeting on May 22, 2008 with Councillor Gloria Lindsay Luby, Ward 4, Etobicoke Civic Centre, area residents, representatives of the proposed condominium development at 7-21 Richgrove Drive and City Planning staff. At this meeting, one of the suggestions offered was the installation of an all-way stop control at the intersection of Willowridge Road and Richgrove Drive. A map of the area is Attachment No. 1.

COMMENTS

According to the City of Toronto's road classification system, both Willowridge Road and Richgrove Drive are classified as "local" roadways, in the community to the north of Eglinton Avenue West and west of Martin Grove Road. The statutory speed limit is 40 km/h for Willowridge Road and 50 km/h for Richgrove Drive. A sidewalk is located on both sides of each street. An apartment driveway forms the fourth approach to this intersection and the intersection is currently controlled by a 'Stop' sign on Richgrove Drive facing westbound traffic. The TTC operates bus service on both roads and performs a southbound left turn at the intersection. A bus stop exists on the northwest corner.

As part of our investigation, Transportation Services staff conducted turning movement counts from 7:00 a.m. to 9:00 a.m. and 4:00 p.m. to 6:00 p.m. on a typical day. Application of study data to the All-Way Stop Control Warrant reveals that the technical requirements for the installation of an all-way stop control are achieved at this intersection.

The intersection of Willowridge Road and Richgrove Drive has no collisions over the past three years (January 1, 2005 to December 31, 2007) considered all-way stop control preventable.

Given all of the foregoing, an all-way stop control is warranted and recommended.

CONTACT

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SIGNATURE

John Niedra, P.Eng.
Director, Transportation Services - Etobicoke York District

ATTACHMENTS

Attachment No 1: Map
Appendix A

APPENDIX A

Warrants for All-way “Stop” Sign Control

Study location: Willowridge Road and Richgrove Drive

Four-Hour Study Period	Total Approach Vehicle Volume	Vehicle/Pedestrian Volume Crossing Major Road	Unit Volume Split Major/Minor Roads
Study Period Average	240	178	34/66
Warrant Requirements for Study Period Average	≥ 250	≥ 100	$\geq 30/70$ or $\leq 70/30$

To warrant the installation of an all-way stop control, the traffic volume requirements for the “Study Period Average” must be completely satisfied in either of the following two combinations:

1. “Total Approach Vehicle Volume” & “Unit Volume Split – Major/Minor Roads”
or
2. “Vehicle/Pedestrian Volume Crossing Major Road” & “Unit Volume Split-Major/Minor Roads”