



STAFF REPORT ACTION REQUIRED

Proposed Traffic Control Signals – Lebovic Avenue 315 metres south of Eglinton Avenue East (private driveway for 800 Warden Avenue)

Date:	September 12, 2008
To:	Scarborough Community Council
From:	Director, Transportation Services, Scarborough District
Wards:	Ward 35 – Scarborough Southwest
Reference Number:	P:\2008\Cluster B\TRA\Scarborough\sc08078

SUMMARY

This staff report is about a matter for which the Community Council does not have delegated authority from City Council to make a final decision.

The purpose of this report is to obtain approval for the installation of traffic control signals on Lebovic Avenue 315 metres south of Eglinton Avenue East (private driveway for 800 Warden Avenue).

Traffic studies have indicated that traffic control signals are warranted. As a result, traffic control signals should be installed.

RECOMMENDATIONS

Transportation Services, Scarborough District, recommends that Scarborough Community Council recommend to City Council that:

1. Installation of traffic control signals on Lebovic Avenue 315 metres south of Eglinton Avenue East (private driveway for 800 Warden Avenue) be approved; and
2. The appropriate by-law(s) be amended accordingly.

Financial Impact

These traffic control signals will be funded by Riocan Holdings Inc. This results in no financial impact on the Transportation Services Budget. The proposed Traffic Control Signals are estimated to cost \$200,000.00.

ISSUE BACKGROUND

Transportation Services has reviewed the site plan control application for Ricoan Holdings Inc. for the development of a Lowes Home Improvement Centre on the former Wal-Mart site at 800 Warden Avenue. The new development will include a garden centre of about 1680 m² in addition to using the former Wal-Mart building. The proposed development has two existing access points on Warden Avenue, one of which is signalized. There are two existing access points on Lebovic Avenue. In order to provide safe and efficient traffic operations at the southerly intersection on Lebovic Avenue and in particular to facilitate eastbound and westbound traffic movements to cross Lebovic Avenue, traffic control signals are required at the southerly driveway on Lebovic Avenue.

COMMENTS

Lebovic Avenue is a north-south collector road that extends along the west boundary of the development site. It has a four-lane cross section, and a posted speed limit of 60 km/h.

The access location on Lebovic Avenue proposed for signalization is located approximately 315 metres south of the Eglinton Avenue East/Lebovic Avenue intersection, and approximately 410 metres north of Comtock Road.

Based on the findings of a detailed traffic impact study, traffic control signals on Lebovic Avenue 315 metres south of Eglinton Avenue East (private driveway for 800 Warden Avenue) can be supported technically.

With the introduction of the new development traffic, this intersection meets the technical warrants required to justify the installation of traffic control signals at this time.

The signal warrant calculations produced the following results:

Intersection at private driveway of 800 Warden Avenue and Lebovic Avenue

Traffic Control Signal Warrant	Compliance Level
Justification 1: Minimum Vehicular Volume	100%
Justification 2: Delay to Cross Traffic	80%
Justification 3: Collision Hazard	N/A
Justification 4: Combination Warrant	YES

As indicated by the foregoing summary, traffic control signals at the intersection of Lebovic Avenue 315 metres south of Eglinton Avenue East (private driveway for 800 Warden Avenue) are warranted.

The Ward Councillor has been consulted on this proposed traffic control signal installation.

CONTACT

Dave Twaddle
Manager, Traffic Planning/Right-of-Way Management
Transportation Services, Scarborough District
Tel: 416-396-5670
Fax: 416-396-5641
Email: Twaddle@toronto.ca

SIGNATURE

Peter J. Noehammer, P.Eng.
Director, Transportation Services, Scarborough District

DT/PMC:lab

ATTACHMENTS

1. Location Map (Proposed Traffic Control Signals – Lebovic Avenue 315 metres south of Eglinton Avenue East (private driveway for 800 Warden Avenue))