



**STAFF REPORT  
ACTION REQUIRED**

**Lake Shore Boulevard West and Legion Road – Traffic Control Signals**

<b>Date:</b>	August 9, 2007
<b>To:</b>	Etobicoke York Community Council
<b>From:</b>	Director, Transportation Services - Etobicoke York District
<b>Wards:</b>	Ward 6 – Etobicoke-Lakeshore
<b>Reference Number:</b>	p:\2007\Cluster B\TRA\EtobicokeYork\eycc070118-to – AFS5652

**SUMMARY**

The purpose of this report is to obtain approval for the installation of traffic control signals at the intersection of Lake Shore Boulevard West and Legion Road.

Two apartment condominium buildings are being proposed on the site located at the north-east corner of Lake Shore Boulevard West and Legion Road. The installation of traffic control signals at the intersection of Lake Shore Boulevard West and Legion Road is justified as the projected Traffic Control Signal warrant requirements are achieved. The installation of traffic control signals will provide safe and convenient access for vehicles and pedestrians, and will not compromise the integrity of the arterial road network.

As the Toronto Transit Commission (TTC) operates street car service on Lake Shore Boulevard West, TTC staff has been consulted and support the proposed signal installation. However, City Council approval is required.

**RECOMMENDATIONS**

Transportation Services recommends that:

1. Toronto City Council approve the installation of traffic control signals at the intersection of Lake Shore Boulevard West and Legion Road.

**Financial Impact**

An estimated \$221,000.00 for the installation of traffic control signals, including transit priority, is to be paid by the developer, Empire (Beyond the Sea) Limited.

## **ISSUE BACKGROUND**

Empire (Beyond the Sea) Limited are proposing the development of two apartment condominium buildings, consisting of a total of 485 dwelling units, at the north-east corner of Lake Shore Boulevard West and Legion Road. A number of road improvements are recommended as part of this development application. These improvements consist of, in part, the installation of traffic control signals with transit priority at the intersection of Lake Shore Boulevard West and Legion Road. A map of the area is Attachment No. 1.

## **COMMENTS**

Lake Shore Boulevard West, in the area of Legion Road, is a four lane arterial road. Bicycle lanes also exist on both sides of Lake Shore Boulevard West at this location. TTC street cars operate on Lake Shore Boulevard West, with stops and platforms on either side of Legion Road. An access driveway to the Marina Del Rey condominium complex is located on the south side of Lake Shore Boulevard, opposite Legion Road.

The legal speed limit on Lake Shore Boulevard West, in the area of Legion Road, is 50 km/h.

Traffic control signals are located on Lake Shore Boulevard West approximately 300.0 metres east of Legion Road at Park Lawn Road and approximately 500.0 metres west of Legion Road at Burlington Street. As per the Park Lawn Road/Lake Shore Boulevard West Secondary Plan, the installation of traffic control signals were planned for the intersection of Lake Shore Boulevard West and Legion Road.

An eight-hour traffic control signal warrant analysis was undertaken by a consultant for Empire (Beyond the Sea) Limited in support of their application. This analysis reveals that the signal warrants will be satisfied at the intersection of Lake Shore Boulevard West and Legion Road.

The projected study results are as follows:

- |    |                          |            |
|----|--------------------------|------------|
| a) | Minimum Vehicular Volume | 87 percent |
| b) | Delay to Cross Traffic   | 98 percent |

In order to meet the warrants, 100 percent compliance is required in one of the categories or a minimum of 80 percent in both. Given that Warrants a) and b) are met, traffic control signals are recommended.

Toronto Transit Commission staff has been advised and support this proposal.

Furthermore, one of the conditions of Committee of Adjustment Decision No. A597/06EYK requires the applicant to amend the Development Agreement to provide for the installation of traffic signals and any road improvements at the Lake Shore Boulevard West/Legion Road intersection, at the applicant's cost, at the earliest possible date prior to construction, including posting of a financial guarantee to secure these improvements.

## **CONTACT**

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## **SIGNATURE**

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## **ATTACHMENTS**

Attachment No. 1: Map