TORONTO

STAFF REPORT
ACTION REQUIRED

Eglinton Avenue West and Emmett Avenue/Private Access – Traffic Control Signals

Date:	September 5, 2012
To:	Etobicoke York Community Council
From:	Director, Transportation Services - Etobicoke York District
Wards:	Ward 11 – York South-Weston
Reference Number:	p:\2012\Cluster B\TRA\EtobicokeYork\eycc120120-to

SUMMARY

The purpose of this report is to provide the results of a Traffic Control Signal Warrant study at the intersection of Eglinton Avenue West and Emmett Avenue/Private Access, further to a petition Transportation Services received from area residents. Since the Toronto Transit Commission (TTC) provides service on Eglinton Avenue West, City Council approval of this report is required.

The installation of traffic control signals is not recommended at this time as the warrant requirements are not achieved.

RECOMMENDATIONS

Transportation Services recommends that Etobicoke York Community Council recommend that City Council:

1. Not approve the installation of traffic control signals at the intersection of Eglinton Avenue West and Emmett Avenue/Private Access as the Traffic Control Signal Warrant is not achieved.

Financial Impact

There is no financial impact associated with this report. However, the financial cost of installing these new traffic control signals would be approximately $120,000.00 should the installation be approved.

ISSUE BACKGROUND

As a result of a petition that Transportation Services staff received, forwarded by the Ward 11 Councillor, an eight-hour turning movement count was conducted at the intersection of Eglinton Avenue West and Emmett Avenue/Private Access. A map of the area is Attachment. 1.

COMMENTS

Eglinton Avenue West is a major arterial road with a speed limit of 60 km/h. Emmett Avenue is a two-lane collector road extending from Eglinton Avenue West, to Jane Street with a posted speed limit of 40 km/h. The TTC operates a bus service on Emmett Avenue. Scarlett Woods Golf Course is located on the south side of this intersection. The intersection of these roadways is controlled by a 'Stop' signs on Emmett Avenue and the private access driveway.

Traffic control signals exist approximately 450 metres to the east at Jane Street and 600 metres to the west at Scarlett Road. On Eglinton Avenue West, an eastbound and westbound left turn storage lane/taper exists at the intersection approach. The TTC provides service on Eglinton Avenue West including an existing westbound bus stop at the northwest corner of the intersection of Eglinton Avenue West and Emmett Avenue, and an eastbound bus stop at the southeast corner of the intersection.

Recent speed studies on Eglinton Avenue West in the area of Emmett Avenue revealed an 85th percentile speed of 68 km/h. The 85th percentile is the speed at or below which the majority of motorists feel comfortable travelling on the road.

To assess traffic conditions, turning movement counts were conducted both during the spring and summer using the peak eight hours. The results were applied to the Traffic Control Signal Warrant analysis. The study results are as follows:

Thursday, May 17, 2012

a) Minimum Vehicular Volume 74 percent
b) Delay to Cross Traffic 53 percent

Wednesday, August 1, 2012

a) Minimum Vehicular Volume 68 percent
b) Delay to Cross Traffic 43 percent

In order to meet the Warrants, 100 percent compliance is required in one of the categories or a minimum of 80 percent in two categories for each day that a turning movement count was conducted. Given that the Warrant is not met, traffic control signals are not recommended.

A review of the Toronto Police Service collision records reveals six collisions considered preventable by traffic control signals over the past three years, January 1, 2009 to December 31, 2011. Over the same time period, there were no reported crashes involving pedestrians at or near the Eglinton Avenue West and Emmett Avenue/private access intersection.

CONTACT

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SIGNATURE

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ATTACHMENTS

Attachment 1: Map