



**STAFF REPORT
ACTION REQUIRED**

**Traffic Control Signals – The East Mall and
Valhalla Inn Road/Park Driveway Access**

Date:	January 16, 2012
To:	Etobicoke York Community Council
From:	Acting Director, Transportation Services - Etobicoke York District
Wards:	Ward 5 – Etobicoke-Lakeshore
Reference Number:	p:\2012\Cluster B\TRA\EtobicokeYork\eycc120024-to

SUMMARY

The purpose of this report is to obtain approval for installing traffic control signals at the intersection of The East Mall and Valhalla Inn Road/park driveway access.

As part of conditions of site plan approval for the construction of three high-rise condominium buildings, and sixty-eight three storey town-house units for a total of 898 dwelling units at 1 Valhalla Inn Road, traffic control signals are required to be installed at the intersection of The East Mall and Valhalla Inn Road/park driveway access. The warrant criteria for the installation of traffic control signals have been met based on projected vehicular volumes to be generated by the proposed site.

Since the Toronto Transit Commission (TTC) operates a transit service on The East Mall, City Council approval of this report is required. TTC staff has been consulted on the matter and do not object to the proposal.

RECOMMENDATIONS

Transportation Services recommends that City Council approve:

1. Installing traffic control signals at the intersection of The East Mall and Valhalla Inn Road/ park driveway access.

Financial Impact

The recommendations in this report have no financial impact. All costs associated with the installation of traffic control signals at the intersection of The East Mall and Valhalla Inn Road/park driveway access will be assumed by the developer of 1 Valhalla Inn Road.

ISSUE BACKGROUND

A development application was submitted to the City proposing the construction of three high-rise condominium buildings and sixty-eight three storey town house units, for total of 898 dwelling units, at 1 Valhalla Inn Road. A map of the area is Attachment 1.

The Traffic Planning Section, who reviewed the development application and the Traffic Impact Study, including the traffic signal warrant analysis submitted with the application, supports the proposal subject to the installation of various road and intersection improvements, including the proposed traffic control signals at the intersection of The East Mall and Valhalla Inn Road/park driveway access.

COMMENTS

The East Mall, in the area of Valhalla Inn Road, is a four lane roadway classified in the City's road system as a minor arterial. Valhalla Inn Road is classified as a collector in the City's road system. The speed limit on The East Mall, in the area of Valhalla Inn Road is 50 km/h; it changes to 40 km/h just south of Formula Court. The speed limit is 50 km/h on Valhalla Inn Road.

There is driveway access, which currently operates one-way outbound (westbound), located on the east side of The East Mall, opposite Valhalla Inn Road, that provide access from a parking lot to the tennis courts situated in East Mall Park.

TTC bus stops are located at the north approach of the intersection of The East Mall and Valhalla Inn Road, for northbound and southbound traffic.

Traffic control signals are located on The East Mall approximately 500 metres to the south of the intersection of Bloor Street West, and mid-block pedestrian signals are located approximately 180 metres to the north. Recent studies reveal that these mid-block signals are well used.

The applicant's traffic engineering consultant prepared and submitted a Transportation Impact Study dated December 2006 and addendums to this study dated October and November, 2007.

The results of the consultant's Traffic Signal Warrant analysis for future total traffic conditions are as follows:

- Warrant 1) Minimum Vehicular Volume – 87 per cent compliance
- Warrant 2) Delay to Cross Traffic – 95 per cent compliance

In order to meet the Warrants, 100 per cent compliance is required in one of the categories or a minimum of 80 per cent in both, thus traffic control signals are warranted at the subject location.

Based on the Transportation Impact Study, including the positive traffic control signal warrant results, staff recommends that traffic control signals be installed at the intersection of The East Mall and Valhalla Inn Road/park driveway access.

CONTACT

Mark Hargot, Supervisor, Traffic Operations
Tel: (416) 394-8053; Fax: (416) 394-8942
E-mail: mahargot@toronto.ca
AFS15176

SIGNATURE

Steven T. Kodama, P.Eng.
Acting Director, Transportation Services - Etobicoke York District

ATTACHMENTS

Attachment 1: Map