



**STAFF REPORT
ACTION REQUIRED**

**Humberwood Boulevard and Morning Star Drive –
Traffic Control Signals**

Date:	May 30, 2007
To:	Etobicoke York Community Council
From:	Director, Transportation Services, Etobicoke York District
Wards:	Ward 2 – Etobicoke North
Reference Number:	eycc070086-to – 5249

SUMMARY

The purpose of this report is to obtain approval for the installation of traffic control signals at the intersection of Humberwood Boulevard and Morning Star Drive.

The installation of traffic control signals is justified as the 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 a transit service on Humberwood Boulevard, TTC staff have been consulted and advised of the proposed signal installation and have not objected. However, City Council approval is required.

RECOMMENDATIONS

Transportation Services recommends that:

1. Toronto City Council approve the removal of the all-way stop control at the intersection of Humberwood Boulevard and Morning Star Drive; and
2. Toronto City Council approve the installation of traffic control signals at the intersection of Humberwood Boulevard and Morning Star Drive.

Financial Impact

Type of Funding	Source of Funds	Amount
Available within the capital works budget	Project No. CTP707-01	\$130,000.00

DECISION HISTORY

At the request of Councillor Rob Ford, Ward 2, Etobicoke North, on behalf of area residents, Transportation Services staff investigated the need to replace the existing all-way stop control at the intersection of Humberwood Boulevard and Morning Star Drive with traffic control signals. A map of the area is Attachment No. 1.

COMMENTS

Humberwood Boulevard is classified as a collector road in the residential community north of Rexdale Boulevard and east of Highway No. 427. An all-way stop control exists at the intersection of Humberwood Boulevard and Morning Star Drive with an adult guard present during school crossing times. Humberwood Boulevard in the area has a 40 km/h speed limit. The TTC operates transit service on Humberwood Boulevard.

On the east side of Humberwood Boulevard, to the north of Morning Star Drive, is the Humberwood Centre. A number of facilities exist in this building including: Humberwood Downs Junior Middle Academy, Holy Child Catholic School, Humberwood Library, Humberwood Community Centre and The MacAulay Child Development Centre.

Sidewalks are located on both sides of Humberwood Boulevard and Morning Star Drive. A pedestrian crossover (PXO) exists on Humberwood Boulevard at Pinecone Drive with an all-way stop located at Humberwood Boulevard at Topbank Drive. Adult crossing guards exist at both of these locations and appropriate 40 km/h speed limit and School Area warning signs are posted in advance of the schools.

To assess traffic conditions, an eight hour turning movement and a three-year collision history review was conducted. Our turning movement study results were applied to the traffic control signal warrant analysis. The study results are as follows:

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|----|--------------------------|------------|
| a) | Minimum Vehicular Volume | 84 percent |
| b) | Delay to Cross Traffic | 86 percent |
| c) | Collision Hazard | 33 percent |

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

The principals of both area schools and TTC staff have been advised of the proposed installation of these signals.

CONTACT

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SIGNATURE

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ATTACHMENTS

Attachment No. 1: Map