



STAFF REPORT ACTION REQUIRED

Islington Avenue and Advance Road – Traffic Control Signals

Date:	October 8, 2009
To:	Etobicoke York Community Council
From:	Director, Transportation Services - Etobicoke York District
Wards:	Ward 5 – Etobicoke-Lakeshore
Reference Number:	p:\2009\Cluster B\TRA\EtobicokeYork\eycc090134-to \

SUMMARY

The purpose of this report is to obtain approval for the installation of traffic control signals at the intersection of Islington Avenue and Advance Road.

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.

Since the Toronto Transit Commission (TTC) operates a transit service on Islington Avenue, City Council approval of this report is required. TTC staff has been consulted on the matter and have not objected to the proposal.

RECOMMENDATIONS

Transportation Services recommends that City Council approve:

1. The installation of traffic control signals at the intersection of Islington Avenue and Advance Road.

Financial Impact

Type of Funding	Source of Funds	Amount
Available within capital works budget	Project No. CTP709-01	\$140,000.00

ISSUE BACKGROUND

At the request of Councillor Peter Milczyn, on behalf of area residents, staff investigated the need for traffic control signals at the intersection of Islington Avenue and Advance Road. A map of the area is shown on Attachment 1.

COMMENTS

Islington Avenue, in the area of Advance Road, is a four-lane major arterial road. Advance Road is a two-lane collector road. The legal speed limit is 50 km/h on both roads in the area of the intersection. This intersection is currently controlled by a “Stop” sign on Advance Road. Traffic control signals are located approximately 185 metres to the south at the intersection of Islington Avenue and Norseman Street, and approximately 390 metres to the north at the intersection of Islington Avenue and Bering Avenue.

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

a)	Minimum Vehicular Volume	80 percent
b)	Delay to Cross Traffic	80 percent
c)	Collision Hazard	27 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 in any two. Given that Warrants a) and b) are met, traffic control signals are recommended for installation at the intersection of Islington Avenue and Advance Road.

CONTACT

Mark Hargot, Supervisor, Traffic Engineering - Etobicoke York District
Tel: (416) 394-8453; Fax: (416) 394-8942
E-mail: mahargot@toronto.ca
AFS10712

SIGNATURE

John Niedra, P.Eng.
Director, Transportation Services - Etobicoke York District

ATTACHMENTS

Attachment 1: Map