



**STAFF REPORT  
ACTION REQUIRED**

**Kipling Avenue and Redwater Drive – Traffic Control  
Signals**

<b>Date:</b>	October 15, 2008
<b>To:</b>	Etobicoke York Community Council
<b>From:</b>	Director, Transportation Services - Etobicoke York District
<b>Wards:</b>	Ward 2 – Etobicoke North
<b>Reference Number:</b>	p:\2008\Cluster B\TRA\EtobicokeYork\eycc080111-to

**SUMMARY**

The purpose of this report is to obtain approval for the installation of traffic control signals at the intersection of Kipling Avenue and Redwater 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 transit service on Kipling Avenue, City Council approval of this report is required. TTC staff has been advised of the proposed signal installation and the relocation of one of their stops, and are in accord with the recommendation. In addition, as the signals will include one of the driveways to a service station on the west side of the road, the owner of the service station has been advised of the proposal and is supportive of including his driveway as part of the signals.

**RECOMMENDATIONS**

**Transportation Services recommends that Toronto City Council:**

1. Approve the installation of traffic control signals at the intersection of Kipling Avenue and Redwater Drive.

**Financial Impact**

Type of Funding	Source of Funds	Amount
Available within the capital works budget	Project No. CTP708-01	\$185,000.00

## **DECISION HISTORY**

At the request of Councillor Rob Ford, Ward 2, Etobicoke North, on behalf of area residents, Transportation Services staff investigated the need for traffic control signals at the intersection of Kipling Avenue and Redwater Drive. A map of the area is Attachment No. 1.

## **COMMENTS**

According to the City of Toronto's road classification system, Kipling Avenue is classified as a 'major arterial' roadway. Redwater Drive is classified as a 'local' roadway. The statutory speed limit is 50 km/h for Kipling Avenue in this area and 40 km/h for Redwater Drive. This intersection is controlled by a 'Stop' sign on Redwater Drive facing westbound traffic. The TTC operates a transit service on Kipling Avenue and bus stops are located on both sides of Kipling Avenue at this intersection. Driveways to a service station exist on the west side of the road, and one of these driveways will be included in the signals.

To assess traffic conditions, a twelve-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:

a)	Minimum Vehicular Volume	83 percent
b)	Delay to Cross Traffic	88 percent
c)	Collision Hazard	20 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.

## **CONTACT**

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## **SIGNATURE**

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## **ATTACHMENTS**

Attachment No. 1: Map