



**STAFF REPORT
ACTION REQUIRED**

Proposed Traffic Control Signals – McNicoll Avenue at Silver Star Boulevard

Date:	December 11, 2008
To:	Scarborough Community Council
From:	Director, Transportation Services, Scarborough District
Wards:	Ward 41 – Scarborough-Rouge River
Reference Number:	P:\2009\Cluster B\TRA\Scarborough\sc09006

SUMMARY

This staff report is about a matter for which the Community Council does not have delegated authority from City Council to make a final decision.

The purpose of this report is to obtain approval for the installation of traffic control signals on McNicoll Avenue at Silver Star Boulevard.

Traffic studies have indicated that traffic control signals are warranted. As a result, traffic control signals should be installed.

RECOMMENDATIONS

Transportation Services, Scarborough District, recommends that Scarborough Community Council recommends that City Council:

1. Approve the installation of traffic control signals on McNicoll Avenue at Silver Star Boulevard.
2. Amend the appropriate by-law(s) accordingly.

Financial Impact

All costs associated with the installation of these traffic control signals are the responsibility of Canopy Developments Inc. and Kreadar Enterprises. The proposed Traffic Control Signals are estimated to cost \$200,000.00.

ISSUE BACKGROUND

Transportation Services has reviewed various planning applications for the development of lands on both the southwest and northwest quadrant of the intersection of McNicoll Avenue and Silver Star Boulevard. In order to provide safe and efficient access to/from the intersection of McNicoll Avenue and Silver Star Boulevard, traffic control signals are required.

COMMENTS

Existing traffic control signals are located at the intersection of Midland Avenue at McNicoll Avenue, approximately 240 metres to the east and at the intersection of Kennedy Road at McNicoll Avenue, approximately 575 metres to the west.

Based on the findings of detailed traffic impact studies, traffic control signals at the intersection of McNicoll Avenue at Silver Star Boulevard can be supported technically.

With the introduction of the new development traffic, this intersection meets the technical warrants required to justify the installation of traffic control signals at this time.

The signal warrant calculations produced the following results:

McNicoll Avenue at Silver Star Boulevard

Traffic Control Signal Warrant	Compliance Level
Justification 1: Minimum Vehicular Volume	100%
Justification 2: Delay to Cross Traffic	100%
Justification 3: Collision Hazard	N/A
Justification 4: Combination Warrant	YES

As indicated by the foregoing summary, traffic control signals at the intersection of McNicoll Avenue at Silver Star Boulevard are warranted.

The Ward Councillor has been consulted on this proposed traffic control signal installation.

CONTACT

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SIGNATURE

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DT/PMC:lab

ATTACHMENTS

1. Location Map (Proposed Traffic Control Signals – McNicoll Avenue at Silver Star Boulevard)