



STAFF REPORT ACTION REQUIRED

Proposed Traffic Control Signals – McNicoll Avenue at Tapscott Road

Date:	August 7, 2008
To:	Scarborough Community Council
From:	Director, Transportation Services, Scarborough District
Wards:	Ward 42 – Scarborough-Rouge River
Reference Number:	P:\2008\Cluster B\TRA\Scarborough\sc08063

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 Tapscott Road.

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 City Council:

1. Approve the installation of traffic control signals on McNicoll Avenue at Tapscott Road; and
2. Amend the appropriate by-law(s) accordingly.

Financial Impact

All costs associated with the installation of this traffic control signals are the responsibility of the Morningside Heights Landowners Group, pursuant to the Core Servicing Agreement signed between the City of Toronto and the developers, dated February 22, 2002. The proposed Traffic Control Signals are estimated to cost \$200,000.00.

ISSUE BACKGROUND

During the planning approvals process for residential development in the Morningside Heights area, the potential need for Traffic Control Signals was identified at the intersection of McNicoll Avenue at Tapscott Road.

The objective for traffic control signals at this intersection is to:

- Provide safe and efficient traffic control by managing conflicting streams of turning traffic at this very large and busy intersection;
- Provide capacity for left turns entering and exiting the development area via Morningside Avenue;
- Provide capacity for through traffic crossing both McNicoll Avenue and Tapscott Road; and
- Provide an opportunity for pedestrians to cross McNicoll Avenue and Tapscott Road.

COMMENTS

Existing traffic control signals are located at the intersections of McNicoll Avenue and Markham Road, approximately 400 metres to the west, and at the intersection of Tapscott Road and Newgale Gate, approximately 870 metres to the south of the proposed signalized intersection. These separation distances are acceptable.

Based on the findings of a detailed traffic impact study, traffic control signals at the intersection of McNicoll Avenue and Tapscott Road 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 Road and Tapscott Road

Traffic Control Signal Warrant	Compliance Level
Justification 1: Minimum Vehicular Volume	100%
Justification 2: Delay to Cross Traffic	98%
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 Road and Tapscott Road 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 Tapscott Road)