



STAFF REPORT ACTION REQUIRED

Proposed Traffic Control Signals on Morningside Avenue at McNicoll Avenue /Oasis Boulevard

Date:	September 16, 2009
To:	Scarborough Community Council
From:	Acting Director, Transportation Services, Scarborough District
Wards:	Ward 42 – Scarborough Rouge-River
Reference Number:	P:\2009\Cluster B\TRA\Scarborough\sc09067

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 Morningside Avenue at McNicoll Avenue/Oasis 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 at the intersection of Morningside Avenue at McNicoll Avenue/Oasis 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 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 future intersection of Morningside Avenue at McNicoll Avenue/Oasis Boulevard.

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 intersection;
- Provide capacity for left turns entering and exiting the development area via Morningside Avenue;
- Provide capacity for through traffic crossing both Morningside Avenue and McNicoll Avenue/Oasis Boulevard, and
- Provide an opportunity for pedestrians to cross Morningside Avenue, McNicoll Avenue /Oasis Boulevard.

COMMENTS

Existing traffic control signals are located at the intersections of McNicoll Avenue and Tapscott Road, approximately 700 metres to the west and at the intersection of Morningside Avenue at Nightstar Road, approximately 600 metres to the south of the proposed signalized intersection.

Based on the findings of a detailed traffic impact study, traffic control signals at the intersection of Morningside Avenue at McNicoll Avenue/Oasis Boulevard can be supported technically.

The signal warrant calculations produced the following results:

Morningside Avenue at McNicoll Avenue/Oasis Boulevard

Traffic Control Signal Warrant	Compliance Level
Justification 1: Minimum Vehicular Volume	65%
Justification 2: Delay to Cross Traffic	59%
Justification 3: Collision Hazard	N/A
Justification 4: Combination Warrant	77%

While not meeting the technical warrants at this time, with the introduction of the new development traffic and the extension of McNicoll Avenue to Tapscott Road, it is anticipated that this intersection will meet the technical warrants required to justify the installation of traffic control signals.

In addition, with the opening of the McNicoll Avenue Extension, the Traffic Control Signals will be warranted under Engineering Judgement so as to safely control the right-of-way at this 3-way intersection.

As indicated by the foregoing summary, traffic control signals at the intersection of Morningside Avenue at McNicoll Avenue/Oasis 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 – Morningside Avenue at McNicoll Avenue/Oasis Boulevard)