



**STAFF REPORT  
ACTION REQUIRED**

**Proposed Traffic Control Signals – Markham Road at  
Select Avenue**

<b>Date:</b>	June 17, 2008
<b>To:</b>	Scarborough Community Council
<b>From:</b>	Director, Transportation Services, Scarborough District
<b>Wards:</b>	Ward 41 – Scarborough-Rouge River & Ward 42 – Scarborough-Rouge River
<b>Reference Number:</b>	P:\2008\Cluster B\TRA\Scarborough\sc08053

**SUMMARY**

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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 Markham Road at Select Avenue.

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

**RECOMMENDATIONS**

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Transportation Services, Scarborough District, recommends that City Council:

1. Approve the installation of traffic control signals on Markham Road at Select Avenue; and
2. Pass or amend the appropriate by-law(s) accordingly.

**Financial Impact**

These traffic signals will be funded by the Tapscott Industrial Landowners Group. This results in no financial impact on the Transportation Services Budget. The proposed Traffic Control Signals are estimated to cost \$200,000.00.

## ISSUE BACKGROUND

In 2002 the Tapscott Landowners Group was created to evaluate the cost of front-ending the core services for the 300 acres of the Tapscott Secondary Plan area within the area generally bounded by Steeles Avenue on the north, Passmore Avenue on the south, Tapscott Road to the east, and generally to Middlefield Avenue to the west. This project is an integral part of the Tapscott Employment District Secondary Plan and accordingly should be funded from the Tapscott Industrial Landowners Group Core Servicing Agreement. The reserve account was established to fund a list of specific transportation network improvements in this area, of which the subject traffic control signals is one.

## COMMENTS

Since the submission of the June 2002 Transportation Study, the development plan of the Tapscott Industrial Lands has evolved and the participating landowners (Tapscott Industrial Landowners Group, or “TILG”) in the area west of Tapscott Road are in the process of developing their lands. As part of the Tapscott Industrial Core Agreement many road improvements are required including traffic control signals on Markham Road at Select Avenue.

Existing traffic control signals are located at the intersections of Markham Road and Passmore Avenue, approximately 330 metres to the south and at a private driveway to a new commercial development (not yet activated); approximately 175 metres to the north of this proposed signalized intersection.

Based on the findings of a detailed traffic impact study, traffic control signals at the intersection of Markham Road and Select Avenue 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:

### Markham Road and Select Avenue

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 Markham Road and Select Avenue are warranted.

The Ward Councillors have 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 – Markham Road at Select Avenue)