



**STAFF REPORT  
ACTION REQUIRED**

**Proposed Traffic Control Signals – Steeles Avenue East  
at State Crown Boulevard/Shadlock Street**

<b>Date:</b>	August 7, 2008
<b>To:</b>	Scarborough Community Council
<b>From:</b>	Director, Transportation Services, Scarborough District
<b>Wards:</b>	Ward 41 – Scarborough-Rouge River
<b>Reference Number:</b>	P:\2008\Cluster B\TRA\Scarborough\sc08064

**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 Steeles Avenue East at State Crown Boulevard/Shadlock Street.

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 Steeles Avenue East at State Crown Boulevard/Shadlock Street; 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 Industrial Landowners Group was created to evaluate the cost of front-ending the core services for the 300 acres of the Tapscott Secondary Plan area generally bounded by Steeles Avenue on the north, Passmore Avenue on the south, Tapscott Road to the east, and 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 Steeles Avenue East at State Crown Boulevard/Shadlock Street.

The nearest traffic control signals will be located at a private driveway to a new commercial development (not yet activated) located approximately 280 metres west and at a private driveway to a new commercial development (not yet activated); approximately 300 metres to the east of this proposed signalized intersection, which is acceptable.

Based on the findings of a detailed traffic impact study, traffic control signals at the intersection of Steeles Avenue East at State Crown Boulevard/Shadlock Street 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:

### Steeles Avenue East and State Crown Boulevard/Shadlock Street

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 Steeles Avenue East at State Crown Boulevard/Shadlock Street 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 – Steeles Avenue East at State Crown Boulevard/Shadlock Street)