



**STAFF REPORT
ACTION REQUIRED**

One Way Traffic Lane Designation Study – Warden Avenue and Steeles Avenue East

Date:	August 12, 2011
To:	Scarborough Community Council
From:	Director, Transportation Services, Scarborough District
Wards:	Ward 39 – Scarborough-Agincourt
Reference Number:	P:\2011\Cluster B\TRA\Scarborough\sc1192 D11-4408036 & D11-4121727 Warden at Steeles – one way traffic lanes

SUMMARY

This report describes the need to enact one-way traffic lane designation by-laws at the signalized intersection on Warden Avenue at Steeles Avenue East.

Staff recommends the implementation of a One Way Traffic Lanes by-law (turning movement lanes) for northbound and southbound right-turning traffic at this intersection to clearly define traffic lane usage. This measure is being recommended to normalize traffic operations and mitigate any conflicting through and turning traffic movements, and augment traffic signal indications.

RECOMMENDATIONS

Transportation Services recommends that:

1. City Council enact the one way traffic lane regulations, as identified in Appendix 1 of this report.
2. City Council pass or amend the appropriate by-law(s) accordingly.

Financial Impact

The financial cost of the requisite signage is approximately \$1,500.00. Funding for the signs is available in the Transportation Services 2011 Operating Budget, within Cost Centre TP0397.

ISSUE BACKGROUND

Further to a review, Transportation Services staff confirmed the need to provide the appropriate lane designation by-laws for northbound and southbound right-turning traffic lanes at the signalized intersection of Warden Avenue at Steeles Avenue East. Right-turn green arrow signal operations are in effect in conjunction with non-conflicting east/west left-turn green arrow indications.

COMMENTS

The following characteristics describe the subject intersection:

- Warden Avenue and Steeles Avenue East form a multi-lane intersection of two major arterial roadways.
- Warden Avenue is a five lane roadway including north-south left-turn lanes plus exclusive Northbound and Southbound Right-Turn Lanes.
- Steeles Avenue East is a seven lane roadway including east/west left-turn lanes.
- One way traffic lane by-laws (including a bus exemption) are required for northbound and southbound right-turning traffic.
- Land uses in the area consist of commercial and residential uses.

The adoption of the one way traffic lane regulations will allow for proper enforcement of the respective traffic signs under the Highway Traffic Act.

CONTACT

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SIGNATURE

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ATTACHMENTS

1. Appendix 1 – By-law Amendment (enact)
2. Location Plan (Proposed One Way Traffic Lane Regulations – Warden Avenue and Steeles Avenue East)

Appendix 1

“One Way Traffic Lanes”
Regulations to be Enacted

(In Column 1) Highway	(In Column 2) Between	(In Column 3) Lanes	(In Column 4) Times or Days	(In Column 5) Direction
Warden Avenue	Steeles Avenue East and a point 30.5 metres south of Steeles Avenue East	Easterly Northbound	Anytime	Northbound Buses Excepted
Warden Avenue	Steeles Avenue East and the City of Toronto Limit	Westerly Southbound	Anytime	Southbound Buses Excepted