



**STAFF REPORT
ACTION REQUIRED**

**Proposed Right-Turn Lane Designation
Northbound McCowan Road at Ellesmere Road**

Date:	September 12, 2007
To:	Scarborough Community Council
From:	Director, Transportation Services, Scarborough District
Wards:	Ward 38 – Scarborough Centre
Reference Number:	P:\2007\Cluster B\TRA\Scarborough\sc07055 Northbound McCowan Road at Ellesmere Road

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.

This report provides the results of a review of the new northbound right-turn lane at McCowan Road and Ellesmere Road.

Transportation Services staff recommends the northbound curb lane be a designated right-turn only lane and that it should be signed accordingly. This recommendation is being made at this time as a reflection of the increasing retail development in this vicinity that may increase the number of potential conflicts at this intersection.

Council’s approval of the McCowan Road at Ellesmere Road right turn lane designation will separate competing traffic movements and clearly define the right-of-way for northbound motorists.

RECOMMENDATIONS

Transportation Services, Scarborough District, recommends that:

1. The northbound curb lane designation, on McCowan Road at Ellesmere Road, as identified in the “One Way Traffic Lanes” regulation in Appendix 1 of this report be adopted.
2. The appropriate by-laws be amended.

Financial Impact

The financial cost of installing the compulsory right turn lane signage is approximately \$500.00. Funding for these compulsory signs is being provided by the developer of McCowan Square.

ISSUE BACKGROUND

Further to the construction of this right-turn lane as a development-related improvement, Transportation Services staff investigated the feasibility of designating this new northbound curb lane as a right-turn only lane.

The following characteristics describe the intersection for McCowan Road at Ellesmere Road:

- This signalized intersection is located to the south of the McCowan Road and Highway 401 interchange.
- McCowan Road is a four-lane major arterial road with a posted speed limit of 60 kilometres per hour.
- Ellesmere Road is a four-lane major arterial road with a posted speed limit of 60 kilometres per hour.

COMMENTS

Designating the northbound approach of McCowan Road at Ellesmere Road with a northbound right-turn lane will decrease the potential vehicle movement conflict of northbound through and right turn traffic.

When installed, the lane designation signs will help to clarify road right-of-way and regulate traffic flow.

CONTACT

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SIGNATURE

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ATTACHMENTS

1. Appendix 1 – By-law Amendment (enact)
2. Location Plan (Proposed Right-Turn Lane Designation Northbound McCowan Road at Ellesmere Road)

Appendix 1

“One-Way Traffic Lanes”

Regulation to be enacted

Column 1 Highway	Column 2 Direction	Column 3 Lanes	Column 4 Times or Days	Column 5 Direction
McCowan Road and Ellesmere Road (M.T. 75)	McCowan Road and a point (105) metres south thereof	Easterly Northbound	Anytime (buses excepted)	Northbound right-turning