



## STAFF REPORT ACTION REQUIRED

### Right-Turn Lane Review – Steeles Avenue East and Silver Star Boulevard

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|--------------------------|--|
| <b>Date:</b>             | January 19, 2012   |
| <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:\2012\Cluster B\TRA\Scarborough\sc1214<br>D11-4105567 Steeles Silver Star one way lane |

#### SUMMARY

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This report describes the need to install lane designation signage and markings at a signalized intersection in the Milliken Community on Steeles Avenue East at Silver Star Boulevard.

Staff recommends that a One Way Traffic Lane (right-turning) by-law for the eastbound curb lane at the intersection of Steeles Avenue East and Silver Star Boulevard be designated to clearly define traffic lane usage. This traffic control device is being recommended to enhance traffic operations and to mitigate any potential vehicular conflicts for eastbound traffic.

#### RECOMMENDATIONS

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**Transportation Services recommends that:**

1. City Council enact the one way traffic lane regulation, 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 installing these lane designation signs and supporting pavement markings is approximately \$1,000.00. Funding for the signs is available in the Transportation Services 2012 Operating Budget, within Cost Centre TP0397 and TP0398.

## **ISSUE BACKGROUND**

Transportation Services staff reviewed the need to provide appropriate lane designation signage for the eastbound curb lane at the signalized intersection of Steeles Avenue East and Silver Star Boulevard.

## **COMMENTS**

The following characteristics describe this intersection:

- The intersection of Steeles Avenue East and Silver Star Boulevard is located between Kennedy Road and Midland Avenue.
- The eastbound approach consists of four lanes, an eastbound left-turn lane, two through lanes and a right turn lane. There are two eastbound lanes east of the intersection.
- The eastbound right turn curb lane's arrow pavement markings have faded and are no longer visible and the eastbound "Right Turn Only" signage is missing.
- The eastbound right turn curb lane is approximately 3.7 metres wide.
- A by-lawed lane designation will enhance traffic operations and clearly define lane usage and mitigate potential conflicts for eastbound through traffic.

The adoption of the traffic by-law amendments identified in Appendix 1 of this report will allow for proper enforcement of the respective traffic signs under the Highway Traffic Act and mitigate any potential vehicular conflicts for eastbound traffic.

## **CONTACT**

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## **SIGNATURE**

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Peter J. Noehammer, P. Eng.  
Director, Transportation Services, Scarborough District

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## **ATTACHMENTS**

1. Appendix 1 – By-law Amendment (enact)
2. Location Plan (Right-Turn Lane Review – Steeles Ave East and Silver Star Blvd)

Appendix 1

“One Way Traffic Lanes”  
Regulation to be Enacted

| (In<br>Column 1)<br>Highway | (In<br>Column 2)<br>Between   | (In<br>Column 3)<br>Lanes | (In<br>Column 4)<br>Times or Days | (In<br>Column 5)<br>Direction                     |
|-----------------------------|---|---------------------------|-----------------------------------|---|
| Steeles<br>Avenue<br>East   | Silver Star Boulevard<br>and a point 105 metres<br>west of Silver Star<br>Boulevard | Southerly<br>Eastbound    | Anytime                           | Eastbound<br>right turning<br>(buses<br>excepted) |