



**STAFF REPORT
ACTION REQUIRED**

**Lane Designations – Steeles Avenue East at
Midland Avenue**

Date:	August 16, 2016
To:	Scarborough Community Council
From:	Director, Transportation Services, Scarborough District
Wards:	Ward 41 – Scarborough Rouge River
Reference Number:	P:\2016 \Cluster B\TRA\Scarborough\sc1650.docx D16-7266975 – Steeles Avenue East at Midland Avenue

SUMMARY

This report recommends that eastbound and westbound right-turn lane pavement markings and regulatory signage at the intersection of Steeles Avenue East and Midland Avenue be by-lawed to clearly define lane usage and to mitigate conflicts and delays.

RECOMMENDATIONS

Transportation Services recommends that:

1. City Council designate the southerly eastbound lane on Steeles Avenue East between Midland Avenue and a point 90 metres west, for eastbound right turns only, buses excepted.
2. City Council designate the northerly westbound lane on Steeles Avenue East, from Midland Avenue to a point 60 metres east, for westbound right turns only, buses excepted.

Financial Impact

The financial cost of installing the subject recommended lane designation signage is approximately \$3,500. The funds for these signs are available in the Transportation Services 2016 Operating Budget, within Cost Centre TP0397.

ISSUE BACKGROUND

As part of an ongoing operational review, staff studied the need to provide the appropriate lane designation signage controls for both the eastbound and westbound curb lanes at this signalised intersection.

COMMENTS

The following characteristics describe the intersection of Steeles Avenue East and Midland Avenue:

- The subject signalised intersection is located west of Brimley Road, east of Kennedy Road and north of McNicoll Avenue.
- Both Steeles Avenue East and Midland Avenue are classified as major arterial roads with posted speed limits of 60 km/h.
- At this intersection, on the north side of Steeles Avenue East (within the City of Markham), the area is comprised of newly constructed condominiums.
- On the south east side of Steeles Avenue East east of Midland Avenue the area consists of residential housing.
- On the southwest side of Midland Avenue the area is comprised of light industrial units.
- Toronto Transit Commission nearside bus stops are located on both the north and south side of Steeles Avenue East at Midland Avenue.
- Light standards and sidewalks are located on both sides of Steeles Avenue East and Midland Avenue.
- The daily traffic volume for both eastbound and westbound motorists on Steeles Avenue East is 43,900 vehicles per day (vpd).
- The daily traffic volume for northbound motorists on Midland Avenue is 10,000 vpd.

Currently, the eastbound approach to the intersection comprises of two through lanes and an undesignated right turn lane. The westbound approach consists of a dedicated left turn with two through lanes and an undesignated right turn lane.

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

CONTACT

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SIGNATURE

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ATTACHMENTS

1. Location Plan (Lane Designations – Steeles Avenue East at Midland Avenue)