



**STAFF REPORT  
ACTION REQUIRED**

**Lane Designation Review – Birchmount Road at Danforth Avenue**

<b>Date:</b>	May 28, 2012
<b>To:</b>	Scarborough Community Council
<b>From:</b>	Director, Transportation Services, Scarborough District
<b>Wards:</b>	Wards 35 & 36 Scarborough Southwest
<b>Reference Number:</b>	P:\2012\Cluster B\TRA\Scarborough\sc1264 D11-4381400 Birchmount Danforth lane designation

**SUMMARY**

---

The purpose of this report is to secure authority to enact a southbound designated Left-Turn lane and a Shared Through and Right-Turn lane by-law at the intersection of Birchmount Road at Danforth Avenue.

Staff recommends the implementation of One Way Traffic Lane by-laws for southbound left-turning traffic and southbound through and right-turning traffic at this location to clearly define traffic lane usage, improve traffic operations, and enable enforcement by Toronto Police Services.

**RECOMMENDATIONS**

---

**Transportation Services Scarborough District, recommends that:**

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

**FINANCIAL IMPACT**

The financial cost of installing the requisite signage is approximately \$500.00. Funding for the signs is available in the Transportation Services 2012 Operating Budget, within Cost Centre TPO397.

## **ISSUE BACKGROUND**

Further to a review, Transportation Services staff confirmed the need to provide the appropriate lane designation by-laws for the southbound left-turn lane and the shared through and right-turning traffic lane. The existing lane configuration for the southbound approach consists of one left-turn lane, and one shared through and a right-turn lane. Our review has indicated that clear definition of the traffic lanes is required to mitigate vehicular conflicts.

There is currently no by-law enacted to regulate the southbound lanes usage but advisory signs are in place.

## **COMMENTS**

The following characteristics describe the area on the southbound approach on Birchmount Road at Danforth Avenue:

- Birchmount Road is a four lane north-south arterial road with a 60 km/h speed limit and a daily traffic of approximately 18,000 vehicles per day.
- The land uses on Birchmount Road in this area are a mix of residential and commercial/industrial.
- The pavement markings in this area were recently modified as a result of bicycle lane removal.

The designation of the left-turning lane and the shared through and right-turn lane will provide a safer environment for motorists and will enable enforcement of these traffic lane regulations.

## **CONTACT**

Marko A. Oinonen, B.A.Sc., P.Eng.  
Manager, Traffic Operations, Scarborough District  
Tel: 416-396-7148  
Fax: 416-396-5641  
E-Mail: moinone@toronto.ca

## **SIGNATURE**

---

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

FJB: ca

## **ATTACHMENTS**

1. Appendix 1 – By-Law Amendment (enact)
2. Location Plan (Lane Designation Review – Birchmount Road at Danforth Avenue)

## 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
Birchmount Road	Danforth Avenue and a point 120 metres north of Danforth Avenue	Easterly Southbound	Anytime	Southbound left-turning
Birchmount Road	Danforth Avenue and a point 120 metres north of Danforth Avenue	Westerly Southbound	Anytime	Southbound shared through and right-turning