

## **Lane Designation – Birchmount Road at Rolark Drive**

**Date:** December 12, 2017  
**To:** Toronto Council  
**From:** Director, Transportation Services, Scarborough District  
**Wards:** Ward 40 – Scarborough Agincourt

### **SUMMARY**

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This report recommends the adoption of a by-law to designate the southbound right-turn lane on Birchmount Road at Rolark Drive for right turns only, buses excepted. Currently, there is an undesignated southbound bus bay at this intersection.

### **RECOMMENDATIONS**

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The Director, Transportation Services recommends that:

1. City Council designate the westerly southbound lane on Birchmount Road, between Rolark Drive and a point 100 metres north, for southbound right turns only, buses excepted.

### **FINANCIAL IMPACT**

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The financial cost of installing the southbound right turn only signs and markings is approximately \$1,800.00. The funding for these signs and markings has been requested in the Transportation Services Division's 2018 Operating Budget, within Cost Centres TP0397 and TP0398.

## **DECISION HISTORY**

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This report addresses a new initiative.

## **COMMENTS**

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As part of an ongoing operational review, staff studied the need to provide the appropriate lane designation signage controls for the existing southbound right turn lane/bus bay on Birchmount Road approaching Rolark Drive.

### **Existing Conditions**

Birchmount Road at Rolark Drive is an unsignalized intersection. Rolark Drive is located on Birchmount Road north of Ellesmere Road. Birchmount Road is classified as a two lane major arterial road with a posted speed limit of 60 km/h. The land uses along Birchmount Road in this area is composed of both residential and commercial on both sides of Birchmount Road. The lane configuration for southbound motorists on Birchmount Road at Rolark Drive consists of two dedicated through lanes and one undesignated bus bay. The recorded daily traffic volume of Birchmount Road is approximately 28,500 vehicles per day. The right-turn lane forms a 3.3 metre wide lane plus taper for approximately 100 metres on the southbound approach. For the southbound approach, there were approximately 176 right-turns and 13 through buses during the peak hour, being 8:00 a.m. to 9:00 a.m. on a weekday (Tuesday, July 14, 2015).

### **Analysis**

The existing pavement markings and lack of signs could result in southbound motorists proceeding potentially side-by-side through the intersection and merging into one lane on the far side of the intersection.

The adoption of the proposed lane designation will allow for proper enforcement under the Highway Traffic Act and mitigate potential vehicular conflicts for motorists by providing positive guidance for motorists.

## **CONTACT**

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## **SIGNATURE**

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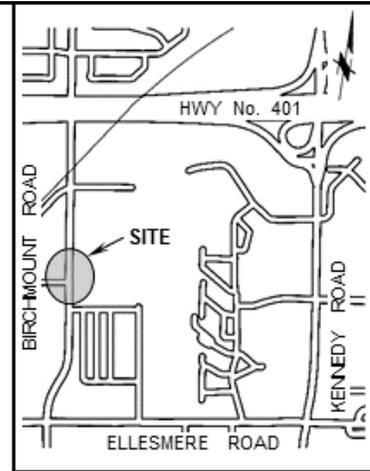
## **ATTACHMENTS**

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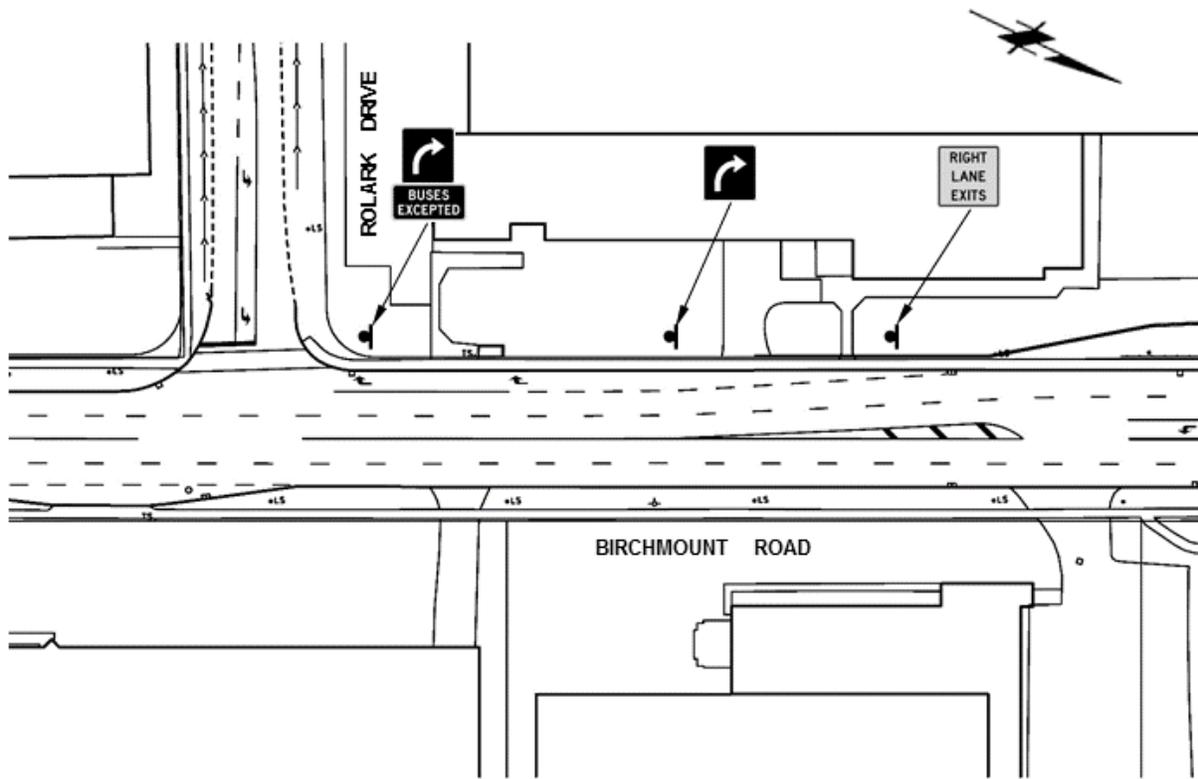
1. Location Plan (Lane Designation - Birchmount Road at Rolark Drive)

**LEGEND**

-  PROPOSED BY-LAW RIGHT-TURN ONLY SIGN
-  PROPOSED BUSES EXCEPTED SIGN
-  PROPOSED RIGHT LANE EXITS WARNING SIGN



**KEY MAP**



**LOCATION MAP**



TRANSPORTATION SERVICES

TRAFFIC OPERATIONS  
Scarborough District

SCALE:	N.T.S.
DATE:	NOV., 2017
DRAFTING:	O.K.

**LANE DESIGNATION  
BIRCHMOUNT ROAD AT ROLARK DRIVE**

FILE NUMBER: D17-8423384	
ATTACHMENT 1	WARD 40