



REPORT FOR ACTION

Lane Designation – Kingston Road at Eglinton Avenue East

Date: August 26, 2019
To: Scarborough Community Council
From: Acting Director, Traffic Management, Transportation Services
Wards: Ward 24 – Scarborough-Guildwood

SUMMARY

As the Toronto Transit Commission (TTC) operates a transit service on Kingston Road, City Council approval of this report is required.

Transportation Services, at the request of the Toronto Transit Commission (TTC), due to a new bus route operating on Kingston Road, recommends designating the westbound right-turn lane on Kingston Road at Eglinton Avenue East for right turns only, buses excepted. The "Buses Excepted" tab signs will clearly define traffic lane usage, eliminate confusion and potential for an incident as TTC vehicles continue to travel through the intersection in the westbound direction from the right-turn lane.

RECOMMENDATIONS

The Acting Director, Traffic Management, Transportation Services recommends that:

1. City Council designate the northerly westbound lane on Kingston Road, between Eglinton Avenue East and a point 30.5 metres east, for westbound right turns only, buses excepted.

FINANCIAL IMPACT

The cost of installing the westbound right-turn only, buses excepted, signs and markings is approximately \$1,000. The funding for these signs is available in the Transportation Services Division's 2019 Operating Budget.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

Transportation Services received a request from the TTC to designate the westbound right turn lane for right turns only, buses excepted, for the bus service route along Kingston Road. Staff review identified the need to provide the appropriate lane designation and signage for the existing westbound right turn-lane on Kingston Road approaching Eglinton Avenue East.

Existing Conditions

- Kingston Road at Eglinton Avenue East is a signalized intersection.
- Kingston Road is classified as a six-lane major arterial road with a posted speed limit of 60 km/h.
- The land uses along Kingston Road in this area is composed of both residential and commercial on both sides of Kingston Road.
- The lane configuration for westbound motorists on Kingston Road at Eglinton Avenue East consists of three dedicated through lanes and one right-turn lane.
- Toronto Transit Commission implemented a new route, 12D Kingston Road, on October 1, 2018.
- The recorded daily traffic volume of Kingston Road is approximately 38,000 vehicles per day.
- The right-turn lane is approximately 65 metres long in the westbound approach.

Analysis

A recent traffic study revealed a total of 14,441 vehicles travelling in the westbound direction during an eight-hour period on Kingston Road at Eglinton Avenue East, of these, 35% (5,100 vehicles) made a right turn maneuver to proceed in the northbound direction on Eglinton Avenue East.

The lack of designated right-turn lane signs could result in westbound motorists potentially proceeding side-by-side through the intersection and merging into one lane on the far side of the intersection.

The adoption of the lane designation identified in this report will provide positive guidance to westbound motorists by clearly identifying lane direction and mitigate potential vehicular conflicts for westbound motorists. This will also provide a queue jump lane for westbound through TTC buses. Furthermore, the westbound right-turn only lane designation at this intersection will allow for proper enforcement of the lane designation by Toronto Police Services.

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SIGNATURE

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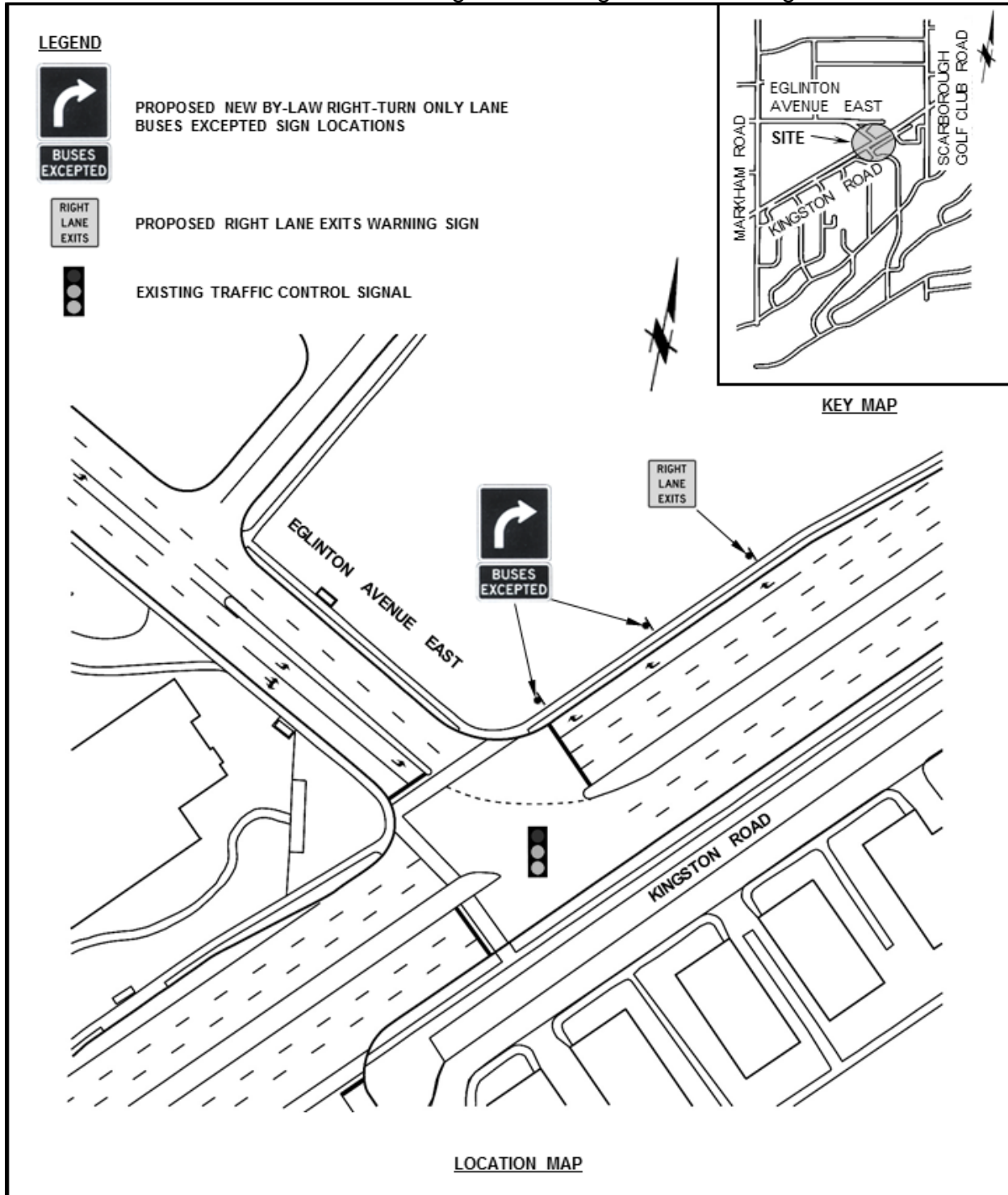
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ATTACHMENTS

1. Attachment 1: Location Plan Lane Designation - Kingston Road at Eglinton Avenue East

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TORONTO TRANSPORTATION SERVICES		TRAFFIC OPERATIONS Scarborough District	
SCALE:	N.T.S.	WESTBOUND RIGHT-TURN LANE BY-LAW KINGSTON ROAD AT EGLINTON AVENUE EAST	
DATE:	JUL, 2019		
DRAFTING:	O.K.		
		FILE NUMBER: D18-9137378	
		ATTACHMENT 1	WARD 24