

Lane Designation – Victoria Park Avenue at Dawes Road

Date: December 12, 2017
To: Scarborough Community Council
From: Director, Transportation Services, Scarborough District
Wards: Ward 35 – Scarborough Southwest

SUMMARY

This report recommends the designation of a southbound right-turn lane on Victoria Park Avenue at Dawes Road. Currently, there are two undesignated lanes that merge into one lane on the far side of this intersection.

RECOMMENDATIONS

The Director, Transportation Services recommends that:

1. City Council designate the westerly southbound lane on Victoria Park Avenue, between Dawes Road and a point 10 metres north, for southbound right turns only, buses excepted.

FINANCIAL IMPACT

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 Centre TP0397 and TP0398.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

As part of an ongoing operational review, staff reviewed the need to provide the appropriate lane designation signage controls for the existing southbound right turn lane on Victoria Park Avenue approaching Dawes Road.

Existing Conditions

Victoria Park Avenue at Dawes Road is a signalized intersection where Dawes Road forms T-intersection. Victoria Park Avenue is classified as major arterial road with a posted speed limit 50 km/h. The lane configuration for north/south direction on Victoria Park Avenue is two lanes in each direction. However, the lane configuration changes south of Dawes Road where the lanes are reduced to one lane in each north and southbound direction. The land uses on Victoria Park Avenue is composed of both residential and commercial on both sides of Victoria Park Avenue. The recorded daily traffic volume on Victoria Park Avenue is approximately 18,300 vehicles per day. For the southbound approach, there were 448 right-turns and 20 through buses for the peak hour, being 4:45 p.m. to 5:45 p.m. on a weekday (Wednesday, September 11, 2013).

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

Analysis

A recent traffic study revealed a total of 6,977 vehicles travelling in the southbound direction during an eight-hour period at Victoria Park Avenue and Dawes Road, of these, 44% (3,074 vehicles) made a right turn maneuver to proceed in the westerly direction on Dawes Road.

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

CONTACT

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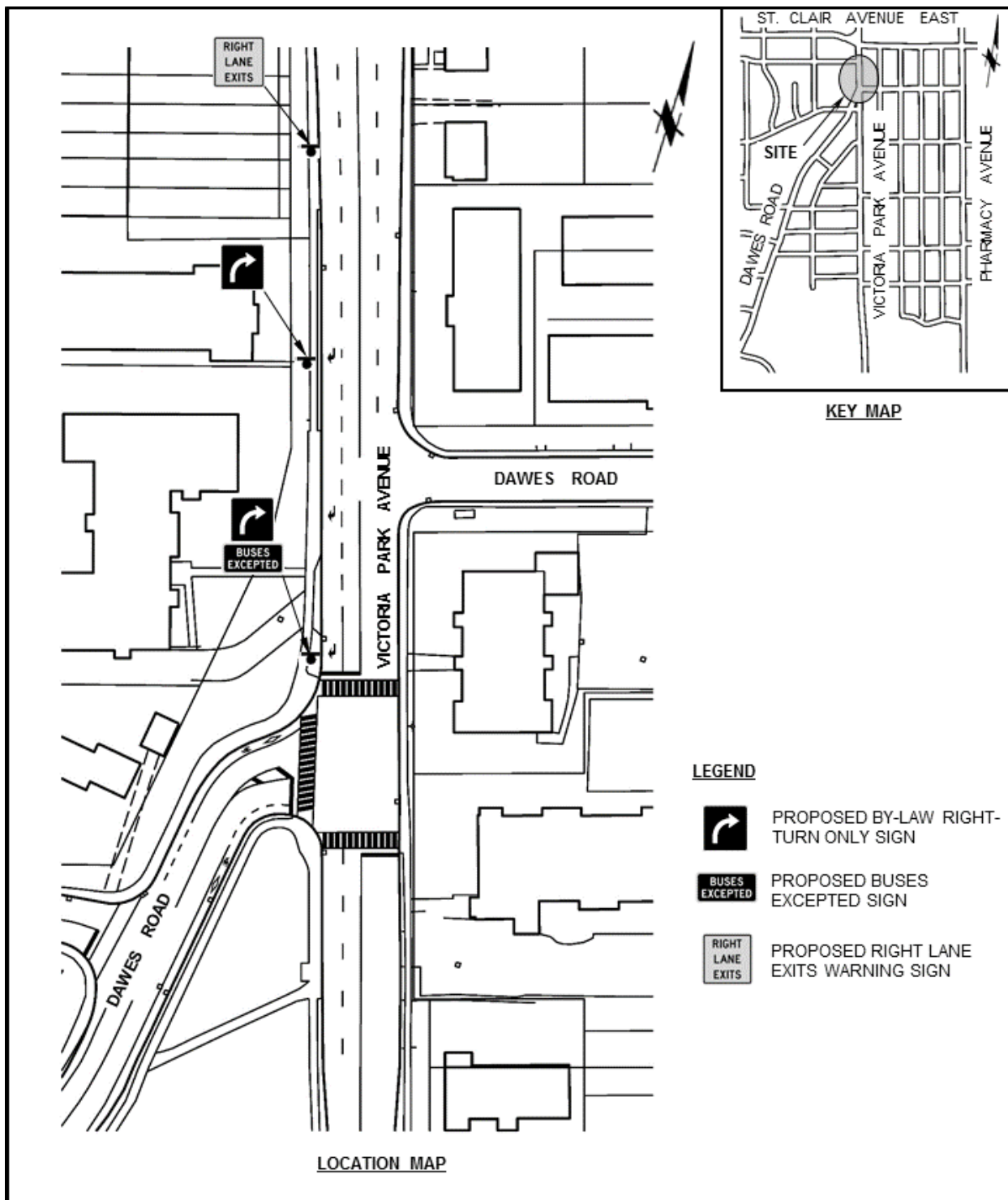
Myles Currie, B.A.
Director, Transportation Services, Scarborough District

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ATTACHMENTS

1. Location Plan (Lane Designation - Victoria Park Avenue at Dawes Road)



		TRANSPORTATION SERVICES		TRAFFIC OPERATIONS Scarborough District	
SCALE:	N.T.S.	LANE DESIGNATION VICTORIA PARK AVENUE AT DAWES ROAD		FILE NUMBER:	
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