

Lane Designation - Ellesmere Road at Victoria Park Avenue

Date: April 29, 2021

To: Scarborough Community Council

From: Acting Director, Traffic Management, Transportation Services

Wards: Ward 21 - Scarborough Centre

SUMMARY

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

Transportation Services is requesting approval to designate the westbound right-turn lane on Ellesmere Road at Victoria Park Avenue for right-turns only, buses excepted. This by-law will clearly define traffic lane usage and eliminate confusion 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 Ellesmere Road, between Victoria Park Avenue and a point 95.5 metres east, for westbound right-turns only, buses exempted.

FINANCIAL IMPACT

The estimated cost of installing the signs is \$1,000.00. Funding is anticipated to be available within the Transportation Services 2021 Operating Budget.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

TTC notified Transportation Services about their safety concerns regarding TTC buses travelling westbound through the subject intersection after serving the westbound nearside bus stop. The westbound bus stop is located in the right-turn lane, and their buses are required to continue travelling westbound through the intersection and merge back into the far side curb lane. Presently, the lane is only marked with a white right-turn arrow pavement marking with no additional signage identifying the right-turn lane.

Existing Conditions

Ellesmere Road is characterized by the following conditions:

- It is a four-lane, east-west major arterial roadway with a right-lane and a left-turn lane at this intersection
- It operates two-way traffic on a pavement width of approximately 16.5 metres
- The daily two-way traffic volume is approximately 25,000 vehicles
- The posted regulatory speed limit is 50 km/h
- Heavy trucks are permitted at all times
- There is TTC service provided by the 95 York Mills and 395 York Mills bus routes
- There are sidewalks located on both sides of the street

Victoria Park Avenue is characterized by the following conditions:

- It is a four-lane, north-south major arterial roadway with a right-lane and a left-turn lane at this intersection
- It operates two-way traffic on a pavement width of approximately 16.5 metres
- The daily two-way traffic volume is approximately 38,000 vehicles
- The posted regulatory speed limit is 50 km/h
- Heavy trucks are permitted at all times
- There is TTC service provided by the 24 Victoria Park bus route
- There are sidewalks located on both sides of the street

Ellesmere Road and Victoria Park Avenue form a four-legged intersection and is controlled by Traffic Control Signals.

A map of the area is included in Attachment 1.

Proposed Lane Designation

Currently, the westbound approach to this intersection includes a left-turn lane, two through lanes and a right-turn lane. Ellesmere Road then narrows into Parkwoods Village Drive, which is comprised of two westbound through lanes to the west of the intersection with Victoria Park Avenue.

The proposed lane designation identified in this report will provide positive guidance to westbound motorists who utilize this intersection 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. The bus exception will allow TTC vehicles to proceed through to the west side of Victoria Park Avenue, after serving the near side TTC stop adjacent to this westbound right-turn lane. Furthermore, the westbound right-turn lane designation will allow for proper enforcement by Toronto Police Service.

The Ward Councillor has been advised of the recommendations of this staff report.

CONTACT

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SIGNATURE

Roger Browne, M.A.Sc., P. Eng.
Acting Director, Traffic Management, Transportation Services

ATTACHMENTS

Attachment 1: Map - Lane Designation - Ellesmere Road at Victoria Park Avenue

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