

Lane Designation – John Garland Boulevard and Martin Grove Road

Date: March 9, 2017
To: Etobicoke York Community Council
From: Director, Transportation Services, Etobicoke York District
Wards: Ward 1 – Etobicoke North

SUMMARY

The purpose of this report is to obtain approval to designate the southerly westbound lane on John Garland Boulevard, between Martin Grove Road and a point 30.5 metres east, for westbound left turns only, and to designate the westbound curb lane on John Garland Boulevard, between Martin Grove Road and a point 30.5 metres east, for straight through and right turns only. It is appropriate to designate these lanes based on the existing lane configuration, traffic counts and observations.

As the Toronto Transit Commission (TTC) operates a transit service on John Garland Boulevard and Martin Grove Road, City Council approval of this report is required.

RECOMMENDATIONS

The Director, Transportation Services, Etobicoke York District, recommends that:

1. City Council designate the southerly westbound lane on John Garland Boulevard, between Martin Grove Road and a point 30.5 metres east, for westbound left turns only, and designate the westbound curb lane on John Garland Boulevard, between Martin Grove Road and a point 30.5 metres east, for straight through and right turns only.

FINANCIAL IMPACT

The estimated financial cost of the supply and installation of signage and pavement markings is approximately \$2,100.00. The funding for these signs and markings is available in the Transportation Services Division's 2017 Operating Budget.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

Transportation Services staff received a request from Councillor Ford's office, to determine if an exclusive westbound left turn lane would improve traffic operation and safety at the intersection of John Garland Boulevard at Martin Grove Road. Councillor Crisanti's office has been notified of this request as this intersection is in Ward 1. As the TTC operates daily bus service on this route, they have also been advised of this recommendation. A map of the area is Attachment 1.

John Garland Boulevard is classified in the City's Road Classification System as a "Collector" road with a legal speed limit of 50 km/h. John Garland Boulevard and Martin Grove Road is a four-legged signalized intersection. The existing westbound lane configuration (east leg) is two lanes at the approach to the intersection, whereas west of the intersection (west leg) the lane configuration narrows into one lane.

A recent site observation at the intersection indicates that some motorists treat the left lane as exclusive, as there is currently one left turn arrow installed at the intersection approach. However, once a vehicle comes to a stop at the intersection, the left turn arrow may not be visible to other motorists. Although not observed during our studies or in the collision history, the sudden lane drop west of the intersection does pose the potential for westbound sideswipe conflicts. Our review of the collision history for the period from January 1, 2013 to December 31, 2015 indicates no reported collisions involving westbound vehicles proceeding through the intersection simultaneously.

Given that west of the intersection, John Garland Boulevard has only one westbound lane, it is appropriate to designate the southerly westbound lane on the east leg of John Garland Boulevard as an exclusive left turning lane, and the westbound curb lane on the east leg of John Garland Boulevard as straight through and right turn only. This will clearly define the operation of the lanes at the intersection.

CONTACT

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SIGNATURE

Steven T. Kodama, P.Eng.
Director, Transportation Services, Etobicoke York District

ATTACHMENTS

1. Area Map (John Garland Boulevard and Martin Grove Road - Pavement Marking Plan)

