

## **Right-Turn-On-Red Prohibitions – Bloor Street West and Lansdowne Avenue**

**Date:** April 27, 2018  
**To:** Toronto and East York Community Council  
**From:** Acting Director, Transportation Services, Toronto and East York District  
**Wards:** Ward 18, Davenport

### **SUMMARY**

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Transportation Services is requesting authority from City Council to introduce right-turn-on-red prohibitions for eastbound and westbound traffic at Bloor Street West and Lansdowne Avenue.

These prohibitions are recommended to improve safety at the intersection. Due to the offset alignment of Lansdowne Avenue through the intersection, motorists' sightlines on east-west approaches are reduced by existing building structures. These prohibitions will increase pedestrian, cyclist and motorist safety.

### **RECOMMENDATIONS**

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The Acting Director, Transportation Services, Toronto and East York District, recommends that:

1. City Council prohibit right turns on a red signal at all times for eastbound and westbound traffic on Bloor Street West at Lansdowne Avenue.

### **FINANCIAL IMPACT**

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Funds for the installation of signs are available within the Transportation Services 2018 Operating Budget.

### **DECISION HISTORY**

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This report addresses a new initiative.

## COMMENTS

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Based on internal review, Transportation Services conducted a study at Bloor Street West and Lansdowne Avenue. Bloor Street West is a four-lane major arterial roadway with a posted speed limit of 40 km/h and a daily, two-way traffic flow of approximately 22,000 vehicles. TTC operates the 300-Bloor-Danforth bus route on Bloor Street West.

Lansdowne Avenue is a four-lane minor arterial roadway north of Bloor Street West and a two-lane minor arterial south of Bloor Street West with a posted speed limit of 40 km/h and a daily, two-way traffic flow of approximately 14,000 vehicles. TTC operates the 47-Lansdowne bus route on Lansdowne Avenue.

The intersection of Bloor Street West and Lansdowne Avenue is controlled by traffic control signals. Eastbound left turns are prohibited from 7:00 a.m. to 9:00 a.m. and from 4:00 p.m. to 6:00 p.m., Monday to Friday, and westbound left turns are prohibited from 7:00 a.m. to 6:00 p.m., Monday to Saturday.

Due to the horizontal curve on Lansdowne Avenue, and the building locations on the north-west and south-east corners, optimal turning sightline distances are not provided for eastbound and westbound right-turning vehicles. During the busiest eight-hour period, there are about 500 eastbound right turns (about 10% of total eastbound traffic) and about 800 westbound right turns (about 15% of total westbound traffic). Based on a field study, about 20% of east-west right turns are made on a red signal, and prohibiting these turns would not have a major impact on capacity.

Based on a three-year review of Toronto Police Service collision records ending September 30, 2017, one collision involved an eastbound right-turning vehicle on a red. Prohibiting eastbound and westbound right turns on red will improve safety for all road users, without a significant impact on traffic operations at this intersection.

Councillor Ana Bailão has been advised of the recommendations of this staff report.

## **CONTACT**

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## **SIGNATURE**

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Dave Twaddle, C.E.T.  
Acting Director, Transportation Services  
Toronto and East York District

## **ATTACHMENTS**

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1. Drawing No. 421G-2982, dated May 2018

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