

Traffic Regulation Amendments - Dundas Street West at Dundas Street West

Date: April 10, 2025

To: Etobicoke York Community Council

From: Director, Traffic Management, Transportation Services

Wards: Ward 3 - Etobicoke Lakeshore

SUMMARY

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

Transportation Services is requesting approval to amend the lane designation and rescind the No Right Turn on Red (*NRTOR*) regulation for northbound traffic on Dundas Street West at Dundas Street West to reflect current conditions in the field.

RECOMMENDATIONS

The Director, Traffic Management, Transportation Services recommends that:

1. City Council rescind the lane designation of the two most easterly northbound lanes on Dundas Street West, between Dundas Street West and a point 30.5 metres south, for northbound right turns only.
2. City Council rescind the existing lane designation on the most northerly westbound lane on Dundas Street West, between Dundas Street West and a point 30.5 metres east, for westbound left-turn, straight through and right-turn movements.
3. City Council rescind the existing northbound right-turn-on-red movement prohibition on Dundas Street West at Dundas Street West.
4. City Council designate the easterly northbound lane on Dundas Street West, between Dundas Street West and a point 30.5 metres south, for northbound right turns only.
5. City Council designate the southerly westbound lane on Dundas Street West between, Dundas Street West and a point 40 metres east as a reserved lane for public transit vehicles at all times.

FINANCIAL IMPACT

The estimated cost of installing the signs is \$500.00. Funding is anticipated to be available within the Transportation Services 2025 Operating Budget.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

Transportation Services, Traffic Signal Operations Group has made changes to the intersection operation and lane designations as a result of operational concerns which included, amending the northbound right turn movements from dual right turns to right turns from the curb lane only, allowing for the removal of the NRTOR regulation. The signage and pavement markings amendments to implement these changes have already been completed by the Traffic Signal Operations Group as part of their operations.

Existing Conditions

Dundas Street West is characterized by the following conditions:

- It is a 5-lane, east-west major arterial roadway
- 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 speed limit is 50 km/h
- Heavy trucks are permitted at all times
- There is TTC service provided by the 40 Junction-Dundas West bus
- There are sidewalks located on both sides of the street
- Transit only lane is located on the south side of Dundas Street West between Dundas Street West and a point 40 metres east.

Dundas Street West and Dundas Street West intersection is a "T" type intersection and is controlled by traffic control signals. This intersection was the former Dundas Street West and Dunbloor Road intersection and was reconstructed as part of the Six Points Interchange reconstruction, in which the former Dunbloor Road was utilized for the new realignment of Dundas Street West.

A map of the area is included in Attachment 1.

Proposed Lane Designation and Turn Prohibition Amendments

To ensure visibility of pedestrians crossing within the crosswalk, the City guidelines indicate that dual turning movements not be permitted at times when pedestrian crossings may conflict with the movement. Therefore, northbound NRTOR prohibition was implemented in conjunction with the former dual right turn movement at this location. A recent review conducted by the Traffic Signals Operations Group revealed that due to low conflicting traffic movements the intersection, this intersection would operate more efficiently with a single northbound right turn lane and allowing right turns

on red. The Traffic Signals Operations Group has already made arrangements to have all the of the required hardware, pavement markings, lane designation and NRTOR signage to facilitate the changes. At this time, we are amending the traffic regulations to coincide with the current conditions in the field.

As part of our investigation, we noted that the existing pavement markings were in place to designate the eastbound curb lane of Dundas Street West between the intersection of Dundas Street West and a point 40 metres east for the exclusive use of public transit vehicles. However, there were no regulations in place. The proposed regulation reflects current field conditions and will allow for the installation of the required regulatory signage.

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

CONTACT

Shawn Dillon, Manager Traffic Operations (Area 2), Transportation Services, 416-394-8409, Shawn.Dillon@toronto.ca

SIGNATURE

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

ATTACHMENTS

Attachment 1: Map - Traffic Regulation Amendments - Dundas Street West and Dundas Street West

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