

Exclusive Right-Turn Lane Designation - Downsview Park Boulevard at Keele Street

Date: May 16, 2024

To: North York Community Council

From: Director, Traffic Management, Transportation Services

Wards: Ward 6 - York Centre

SUMMARY

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

Transportation Services is recommending the designation of the northerly westbound lane on Downsview Park Boulevard, between Keele Street and a point 30.5 metres east, for westbound right-turns only. The lane designation will clearly define the traffic lane usage and eliminate confusion for motorists.

RECOMMENDATIONS

The Director, Traffic Management, Transportation Services, recommends that:

1. City Council designate the northerly westbound lane on Downsview Park Boulevard, between Keele Street and a point 30.5 metres east, for westbound right-turns only.

FINANCIAL IMPACT

The estimated costs associated with the proposed amendment is \$1,000.00. Funding is anticipated to be available within the Transportation Services 2024 Operating Budget.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

Transportation Services staff received a request from an area resident to designate the northerly westbound curb lane on Downsview Park Boulevard, approaching Keele Street, for the exclusive use of right-turning vehicles, based on the existing lane configuration at the intersection.

Existing Conditions

Keele Street is characterized by the following conditions:

- It is a four-lane, north-south, major arterial roadway with exclusive north and south left-turn lanes and an exclusive southbound right-turn lane
- It operates two-way traffic on a pavement width of approximately 18 metres
- The daily two-way traffic volume is approximately 32,500 vehicles
- The speed limit is 50 km/h
- Heavy trucks are permitted at all times
- There is TTC service provided by the '41 Keele' bus route
- There are sidewalks located on both sides of the street

Downsview Park Boulevard is characterized by the following conditions:

- It is a four-lane, east-west dedicated roadway with an additional exclusive westbound left-turn lane, that intersects Keele Street on the east side
- It operates two-way traffic on a pavement width of approximately 17 metres
- There is a median island which separates the east-west traffic on the roadway
- The daily two-way traffic volume is approximately 2,500 vehicles
- The speed limit is 40 km/h
- Heavy trucks are permitted at all times
- There is TTC service provided by the '101 Downsview Park' bus route
- There are sidewalks located on both sides of the street
- Downsview Park bike trails are provided on both sides of the street within the right-of way

Whitburn Crescent is characterized by the following conditions:

- It is a two-lane, east-west, local roadway that intersects Keele Street on the west side.
- It operates two-way traffic on a pavement width of approximately 10 metres
- The daily two-way traffic volume is approximately 1,000 vehicles
- The speed limit is 30 km/h
- Heavy trucks are prohibited at all times
- There is no TTC service provided
- There are no sidewalks on either side of the street

Keele Street and Downsview Park Boulevard/Whitburn Crescent form a four-leg intersection and is controlled by Traffic Control Signals.

A map of the area is included in Attachment 1.

Proposed Lane Designation

An onsite assessment revealed that the westbound approach to the intersection includes an exclusive left-turn lane and two through lanes. Downsview Park Boulevard then narrows into Whitburn Crescent with one westbound through lane (one receiving lane) to the west of the intersection with Keele Street.

Based on the existing lane configuration, the proposed westbound right-turn lane designation will provide positive guidance to westbound motorists who utilize this intersection by clearly identifying lane direction and mitigate potential vehicular conflicts for westbound motorists and enhancing overall safety at this intersection.

The Ward Councillor has been advised of the recommendation in this 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 - Exclusive Right Turn Lane Designation - Downsview Park Boulevard at Keele Street

Attachment 1: Map - Exclusive Right Turn Lane Designation - Downsview Park Boulevard at Keele Street

