

Compulsory Stop Control - Glendora Avenue and Dudley Avenue

Date: April 10, 2025

To: North York Community Council

From: Director, Traffic Management, Transportation Services

Wards: Ward 18 - Willowdale

SUMMARY

This staff report is about a matter that Community Council has delegated authority from City Council to make a final decision.

Transportation Services is recommending installation of a stop control for the minor street at the uncontrolled intersection of Glendora Avenue and Dudley Avenue in order to clearly define the right-of-way and to regulate traffic flow.

RECOMMENDATIONS

The Director, Traffic Management, Transportation Services recommends that:

1. North York Community Council authorize a compulsory stop control for northbound traffic on Dudley Avenue at Glendora Avenue.

FINANCIAL IMPACT

The estimated costs associated with the proposed amendment is \$500. Funding is anticipated to be available within the Transportation Services 2025 Operating Budget.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

At the request of a local resident, Transportation Services investigated the feasibility of installing a stop control on Dudley Avenue at Glendora Avenue

Existing Conditions

Glendora Avenue is characterized by the following conditions:

- It is a two-lane, east-west local roadway
- It operates two-way traffic on a pavement width of approximately 8.5 metres
- The daily two-way traffic volume is approximately 500 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

Dudley Avenue is characterized by the following conditions:

- It is a two-lane, north-south local roadway
- It operates two-way traffic on a pavement width of approximately 8.5 metres
- The daily two-way traffic volume is less than 500 vehicles
- The speed limit is 30 km/h
- Heavy trucks are permitted at all times
- There is no TTC service provided
- There are no sidewalks on either side of the street

These two streets intersect to form a 'T-type' intersection with an uncontrolled right-of-way at all approaches.

The land use in this area is primarily residential. Glendora Park trail access is located on the north side of the subject intersection.

As there is no stop control at the subject intersection, right-of-way is determined as defined in the Ontario Highway Traffic Act, which stipulates that priority is "given to vehicles already within the intersection or, in the event two or more vehicles are approaching the intersection at approximately the same time, the Act requires the driver on the left to yield to the vehicle on the right."

A review of the Toronto Police Service collision data for a three-year period ending February 28, 2025 reveals a good safety record at this intersection with no reported collisions.

To assess traffic conditions and potential conflicts at the subject intersection, a two-hour study was conducted during the morning peak period on March 20, 2025. Based on observations and study results, it is concluded that some form of traffic control is required at this intersection to avoid potential conflicts and more clearly define the right-of-way.

The installation of a stop sign for northbound traffic on Dudley Avenue at Glendora Avenue will clearly define the right-of-way and enhance safety for all road users.

A map of the area is included in Attachment 1.

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

CONTACT

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SIGNATURE

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

ATTACHMENTS

Attachment 1: Map - Compulsory Stop Control - Glendora Avenue and Dudley Avenue

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