

All-Way Stop Control - Dallimore Circle and Jessie Drive

Date: September 28, 2023

To: North York Community Council

From: Director, Traffic Management, Transportation Services

Wards: Ward 16 - Don Valley East

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 requesting approval to install all-way stop control at the intersection of Dallimore Circle and Jessie Drive. Based on the assessment undertaken, the installation of all-way stop control is recommended and should enhance safety for all road users.

RECOMMENDATIONS

The Director, Traffic Management, Transportation Services recommends that:

1. North York Community Council authorize all-way compulsory stop control at the intersection of Dallimore Circle and Jessie Drive.

FINANCIAL IMPACT

The estimated costs associated with the proposed amendment is \$12,000.00. Funding is anticipated to be available within the Transportation Services 2023 Operating and Capital Budgets.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

At the request of a resident, Transportation Services investigated the feasibility of installing all-way stop control at the intersection of Dallimore Circle and Jessie Drive.

Existing Conditions

Dallimore Circle is characterized by the following conditions:

- It is a two-lane, north/south local roadway
- It operates two-way on a pavement width of approximately 8.5 metres
- The daily two-way traffic volume is approximately 1,500 vehicles
- The speed limit is 40 km/h
- Heavy trucks are allowed at all times
- There is no TTC service provided
- There are sidewalks located on the west side of the street

Jessie Drive is characterized by the following conditions:

- It is a two-lane, east/west local roadway
- It operates two-way on a pavement width of approximately 8.5 metres
- The speed limit is 40 km/h
- Heavy trucks are permitted at all times
- There IS NO TTC service provided
- There are sidewalks located on the south side of the street

These two streets intersect to form a T-type three-leg intersection, with right-of-way controlled by stop signs for eastbound traffic on Jessie Drive and southbound traffic on Dallimore Circle.

Greenbelt Park is located at the south side of this intersection.

A map of the area is included in Attachment 1.

Study Results

Our traffic investigation revealed that there are currently stop signs installed for eastbound traffic on Jessie Drive and southbound traffic on Dallimore Circle. Northbound traffic on Dallimore Circle operates free flow. It appears the intersection may have been partially signed by the builder when the road was constructed approximately 20 years ago, however the signing of the northbound approach on Dallimore Circle was not installed. During the course of this traffic investigation, it was also noted that there are no supporting traffic regulations for the existing stop signs.

To clearly establish the right-of-way, Transportation Services recommends the installation of a stop sign on the northbound approach of the intersection. For this location, we do not need to conduct a technical warrant analysis because drivers and pedestrians are accustomed to the southbound stop sign and it would be potentially unsafe to remove if the warrants were not met. Therefore, designating all-way stop control will clearly establish the right-of-way, providing a safer environment for

pedestrians and motorists. This designation will allow for the installation of crosswalk markings on the west leg of the intersection.

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 - All-Way Stop Control - Dallimore Circle and Jessie Drive

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