

Compulsory Stop Control - Lesmount Avenue at Davies Crescent and Cadorna Avenue at Davies Crescent

Date: March 14, 2024

To: Toronto and East York Community Council

From: Director, Traffic Management, Transportation Services

Wards: Ward 14, Toronto-Danforth

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 a compulsory stop control at the yield-controlled, "T" type intersections of Lesmount Avenue at Davies Crescent and Cadorna Avenue at Davies Crescent. Based on an assessment undertaken, the installation of compulsory stop controls at these intersections is recommended to clearly define the right-of-way and enhance safety for all road users.

During the course of the investigation, it was noted that there is a discrepancy between posted signs and the existing parking regulations. Recommendations 5 and 6 will correct this inconsistency.

RECOMMENDATIONS

The Director, Traffic Management, Transportation Services recommends that:

1. Toronto East York Community Council rescind the existing yield control at the intersection of Lesmount Avenue and Davies Crescent.
2. Toronto East York Community Council rescind the existing yield control at the intersection of Cadorna Avenue and Davies Crescent.
3. Toronto East York Community Council authorize a compulsory stop control for northbound traffic at the intersection of Lesmount Avenue and Davies Crescent.

4. Toronto East York Community Council authorize a compulsory stop control for northbound traffic at the intersection of Cadorna Avenue and Davies Crescent.
5. Toronto East York Community Council rescind the parking prohibition on the east side of Lesmount Avenue, between O'Connor Drive and Davies Crescent.
6. Toronto East York Community Council amend the existing parking prohibition on the south side of Davies Crescent, between Donlands Avenue and Cadorna Avenue, to be in effect from Donlands Avenue and Lesmount Avenue.

FINANCIAL IMPACT

The signage costs associated with the proposed installation are approximately \$1,000.00. Funding is available within the Transportation Services 2024 Operating Budget.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

Transportation Services was requested through 311 to review the feasibility of installing compulsory stop controls at the intersections of Lesmount Avenue and Davies Crescent, and Cadorna Avenue and Davies Crescent.

Existing Conditions

The intersection of Lesmount Avenue and Davies Crescent is characterized by the following conditions:

- Both streets are classified as local roads with speed limits of 30 km/h
- Both Lesmount Avenue and Davies Crescent operate two-way traffic on a pavement width of approximately 9 metres
- It is a "T" type intersection
- Heavy trucks are prohibited at all times
- There is no Toronto Transit Commission (TTC) service provided
- There are sidewalks provided on both sides of both Lesmount Avenue and Davies Crescent

The intersection of Cadorna Avenue and Davies Crescent is characterized by the following conditions:

- Both streets are classified as local roads with speed limits of 30 km/h
- Both Cadorna Avenue and Davies Crescent operate two-way traffic on a pavement width of approximately 9 metres
- It is a "T" type intersection
- Heavy trucks are prohibited at all times
- There is no TTC service provided
- There are sidewalks provided on both sides of both Cadorna Avenue and Davies Crescent

The surrounding land use consists of single-family residential homes.

Currently, there are yield control signs for northbound traffic at both intersections. Despite of yield signs at the subject intersections, local residents report there is confusion with right-of-way at these intersections.

As per Provincial guidelines, stop sign control may be warranted where three or more right angle or turning collisions per year have occurred over three years and other methods of reducing the collision experience have been considered and found to be inadequate. A review of the Toronto Police Service collision data for three years ending January 1, 2024, did not disclose any reported collisions at these intersections. Accordingly, stop sign controls are not warranted.

Notwithstanding, the Provincial guidelines state that "the use of stop signs should be considered at intersections where the application of the normal right-hand rule or yield control would be unduly hazardous". Based on the current operational environment, the installation of a northbound stop signs on Lesmount Avenue at Davies Crescent and Cadorna Avenue at Davies Crescent are recommended to resolve any potential right-of-way confusion that may occur.

The installation of a stop signs will provide stop sign uniformity on the streets in this area, 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 recommendations of this staff report.

CONTACT

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SIGNATURE

Roger Browne, M.A.Sc., P. Eng.
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ATTACHMENTS

Attachment 1: Map - Compulsory Stop Control - Lesmount Avenue at Davies Crescent
and Cadorna Avenue at Davies Crescent

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