

All-Way Stop Control - Armadale Avenue and Mayfield Avenue

Date: June 19, 2026

To: Toronto and East York Community Council

From: Director, Enforcement and Street Management, Transportation Services

Wards: Ward 4, Parkdale-High Park

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 Armadale Avenue and Mayfield Avenue. 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, Enforcement and Street Management, Transportation Services recommends that:

1. Toronto and East York Community Council authorize all-way compulsory stop control at the intersection of Armadale Avenue and Mayfield Avenue.

FINANCIAL IMPACT

The estimated costs associated with the proposed amendment is \$6,100.00. Funding is anticipated to be available within the Transportation Services 2026 Operating and Capital Budgets.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

At the request of local residents, Transportation Services investigated the feasibility of installing all-way stop control at the intersection of Armadale Avenue and Mayfield Avenue.

Existing Conditions

Armadale 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 8.5 metres
- The daily two-way traffic volume is approximately 1,750 vehicles
- The speed limit is 30 km/h
- Heavy trucks are prohibited at all times
- There is no Toronto Transit Commission (TTC) service provided
- There are sidewalks located on both sides of the street

Mayfield 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 7.3 metres
- The daily two-way traffic volume is approximately 750 vehicles
- The speed limit is 30 km/h
- Heavy trucks are prohibited at all times
- There is no TTC service provided
- There are sidewalks located on both sides of the street

These two streets intersect to form a far-right off-set intersection. Right of way is controlled by stop signs for eastbound and westbound traffic on Mayfield Avenue and Armadale Avenue is uncontrolled free flow. The east and west legs of Mayfield Avenue offset approximately 16 metres at Armadale Avenue.

The area surrounding the intersection of Armadale Avenue and Mayfield Avenue mainly consists of single-family, detached residential dwellings. There is a place of worship, Windermere United Church, along with Windermere Kids Inc., and Swansea School of Dance, located on the north side of Mayfield Avenue (east leg) near Windermere Avenue. In addition, Willard Gardens Parkette is located on the south side of Mayfield Avenue (east leg) near Willard Gardens.

A map of the area is included in Attachment 1.

Study Results

In order for all-way stop control to be warranted at an intersection established criteria must be satisfied. The warrants consist of four components, including collision history, total vehicle volume, combined vehicle and pedestrian volumes crossing the major road and the percentage of traffic on the major road.

Collision history provided by the Toronto Police Service for the three-year period ending December 31, 2025, disclosed there were no reported collisions at this intersection.

Transportation Services conducted an all-way stop control study on September 30, 2025, at the subject intersection. The results of the study were evaluated against the warrant criteria for all-way stop control as adopted by City Council. The evaluation is summarized in Table 1.

Table 1: All-Way Stop Control Study at Armadale Avenue and Mayfield Avenue

No.	Warrant Type	Actual	Required	Satisfied (Yes/No)
A	Number of Potentially Preventable Collisions (January 1, 2023, to December 31, 2025)	0	6	No
B1	Average Vehicle Volumes	222/hour	250/hour	No
B2	Combined Vehicle & Pedestrian Volumes Crossing Major Road (Average)	137/hour	100/hour	Yes
B3	Percentage of Traffic on Major Street	47%	≤70%	Yes

In order for the all-way stop control to be technically warranted, either Warrant A must be met or Warrant B1 or B2 combined with Warrant B3 must be achieved. Based on the study results, the technical warrants for the installation of all-way stop control are satisfied. Therefore, it is recommended that all-way stop control be installed at the intersection of Armadale Avenue and Mayfield Avenue. The proposed all-way stop control on Armadale Avenue will include the east and west legs of Mayfield Avenue.

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

CONTACT

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SIGNATURE

Mike Barnet, P. Eng.
Director, Enforcement and Street Management, Transportation Services

ATTACHMENTS

Attachment 1: Map - All-Way Stop Control - Armadale Avenue and Mayfield Avenue

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