

All-Way Stop Control - Khedive Avenue and Regina Avenue

Date: December 18, 2025

To: North York Community Council

From: Director, Enforcement and Street Management, Transportation Services

Wards: Ward 8 - Eglinton Lawrence

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 Khedive Avenue and Regina 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. North York Community Council authorize all-way compulsory stop control at the intersection of Khedive Avenue and Regina Avenue.

FINANCIAL IMPACT

The estimated costs associated with the proposed amendment is \$1000. Funding is anticipated to be available within the Transportation Services Interim 2026 Operating and Capital Budgets.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

At the request of the ward councillor, Transportation Services investigated the feasibility of installing all-way stop control at the intersection of Khedive Avenue and Regina Avenue.

Existing Conditions

Khedive 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 approximately 700 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

Regina Avenue is characterized by the following conditions:

- It is a two-lane, east-west, local roadway
- At the intersection with Khedive Avenue, it operates one-way eastbound and two-way westbound traffic on a pavement width of approximately 8.5 metres
- The daily two-way traffic volume is approximately 550 vehicles
- The speed limit is 30 km/h
- Heavy trucks are prohibited at all times
- There is no TTC service provided
- There is a sidewalk located on north side of the street

These two streets intersect to form a right-angled four-leg intersection, with right-of-way controlled by stop signs for eastbound and westbound traffic on Regina Avenue.

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 September 30, 2025, disclosed that no reported collisions occurred at this intersection.

Transportation Services conducted an all-way stop control study on October 22, 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 Khedive Avenue and Regina Avenue

No.	Warrant Type	Actual	Required	Satisfied (Yes/No)
A	Number of Potentially Preventable Collisions (October 1, 2022 – September 30, 2025)	0	6	No
B1	Total Intersection Vehicle Volume (hourly average)	229/hour	250/hour	No
B2	Combined Vehicle & Pedestrian Volumes Crossing Major Road (Average)	136/hour	100/hour	Yes
B3	Percentage of Traffic on Major Street	41%	≤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 Khedive Avenue and Regina Avenue.

Considering the above, the installation of all-way stop control is recommended at the intersection of Khedive Avenue and Regina Avenue to appropriately assign the right of way.

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 - Khedive Avenue and Regina Avenue

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