

All-Way Stop Control - Eastwood Road and Gainsborough Road

Date: November 15, 2019
To: Toronto and East York Community Council
From: Acting Director, Traffic Management, Transportation Services
Wards: Ward 19, Beaches - East York

SUMMARY

This staff report is about a matter that Community Council has delegated authority to make a final decision, provided that it is not amended so that it varies with City Policy or by-laws.

Transportation Services staff have reviewed the need for all-way stop control at the intersection of Eastwood Road and Gainsborough Road, to address pedestrian safety concerns. Our assessment indicates the criteria as set out in the all-way stop warrant has not been satisfied at this intersection. Therefore, all-way stop control should not be installed at the intersection of Eastwood Road and Gainsborough Road.

RECOMMENDATION

The Acting Director, Traffic Management, Transportation Services, recommends that:

1. Toronto and East York Community Council not authorize the installation of all-way stop control at the intersection of Eastwood Road and Gainsborough Road.

FINANCIAL IMPACT

There is no financial impact resulting from the adoption of the recommendation in this report.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

At the request of Councillor Brad Bradford, on behalf of area residents, Transportation Services reviewed the feasibility of implementing all-way stop control at the intersection of Eastwood Road and Gainsborough Road.

Existing Conditions

Eastwood Road is classified as an east/west collector roadway and has a pavement width of approximately 6.5 metres. It has a daily two-way traffic volume of approximately 6,000 vehicles and a posted speed limit of 30 km/h. Heavy trucks are prohibited at all times and sidewalks are present on both sides of the road.

Gainsborough Road is classified as a north/south local roadway and has a pavement width of approximately 8.5 metres. It has a daily two-way traffic volume of approximately 1,700 vehicles and a posted speed limit of 30 km/h. Heavy trucks are prohibited at all times and sidewalks are present on both sides of the road.

Analysis

Transportation Services evaluated this intersection against the criteria governing the installation of stop signs which encompasses factors such as right-of-way conflicts, vehicular and pedestrian usage of the intersection, physical and geometric configuration, surrounding area traffic control and collision experience.

Collision statistics provided by Toronto Police Service for the three-year period ending December 31, 2018 disclosed that no collisions have been reported at the intersection of Eastwood Road and Gainsborough Road deemed susceptible to correction by the use of all-way stop sign control.

The results of the all-way stop control warrant study taking into account the new Vision Zero 2.0 warrants at the intersection of Eastwood Road and Gainsborough Road have been summarized in the following table:

Warrant A: Collision History	Warrant B-1A: Total Approach Vehicular Volume	Warrant B-1B: Combined Crossing Volume (Vehicles & Pedestrians)	Warrant B-2: Main Street/Side- Street Volume Split	All-Way Stop Warrants Satisfied (Yes/No)
Required: ≥3 Collisions/Year Actual: 0 Collisions/year (Not Met)	Required: 375 Vehicles/Hour Actual: 482 Vehicles/Hour (Met)	Required: 150 Units/Hour Actual: 101 Units/Hour (Not Met)	Required: ≤70%/30% Actual: 80%/20% (Not Met)	No

In order for the installation of all-way stop control to be warranted, Warrant A, Warrant B-1A or Warrant B-1B must be met in addition to Warrant B-2. Based on the above review, the technical warrants for the installation of all-way stop control at the intersection of Eastwood Road and Gainsborough Road are not satisfied; therefore, the requested installation of all-way stop control at this intersection is not recommended.

Councillor Brad Bradford has been advised of the recommendation of this staff report.

CONTACT

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SIGNATURE

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ATTACHMENTS

1. Drawing No. 421G-3591, dated November 2019

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