



**STAFF REPORT
ACTION REQUIRED**

All-Way Stop Control – Gulfstream Road and Indrio Road

Date:	February 18, 2016
To:	Etobicoke York Community Council
From:	Director, Transportation Services - Etobicoke York District
Wards:	Ward 7 – York West
Reference Number:	p:\2016\Cluster B\TRA\EtobicokeYork\eycc160033-to

SUMMARY

This staff report is about a matter for which Community Council has delegated authority from City Council to make a final decision.

The purpose of this report is to summarise the results of the investigation for an all-way stop control at the intersection of Gulfstream Road and Indrio Road which concludes that, while the intersection does not completely satisfy the City’s warrant, the recorded traffic volume in conjunction with our observations, justify an all-way stop control. The proposed all-way stop control will help improve traffic management and pedestrian safety at this location.

RECOMMENDATIONS

Transportation Services recommends that Etobicoke York Community Council approve:

1. Installing an all-way stop control at the intersection of Gulfstream Road and Indrio Road.

Financial Impact

The estimated cost for the installation of the all-way stop control is \$600.00. These funds are included within the Transportation Services 2016 Operating Budget.

ISSUE BACKGROUND

Transportation Services received a request from the area Councillor to investigate the feasibility of installing an all-way stop control at the intersection of Gulfstream Road and Indrio Road. The request is the result of concerns with respect to safety at this location. A map of the area is Attachment 1.

COMMENTS

Gulfstream Road and Indrio Road are two-lane roads classified in the City's Road Classification System as "Local" roadways. Both roadways have an urban cross section which includes curb, gutter and sidewalks on one side of the street. The legal speed limit on Gulfstream Road is 40 km/h and Indrio Road is 50 km/h. This location forms a three-way intersection, with a stop control on Gulfstream Road for northbound traffic. Gulfstream Elementary Public School is located at 20 Gulfstream Road on the north side of the intersection. Observations found most traffic through this intersection is generated from the school.

The justification for the installation of an all-way stop control is subject to a technical warrant adopted by Toronto City Council based on collision history and traffic volume. Study results reveal the intersection of Gulfstream Road and Indrio Road fail to satisfy the necessary criteria; however, the summary results are particularly close – specifically:

- (a) *Vehicle/Pedestrian Volume Crossing Major Road and*
- (b) *Unit Volume Split Major/Minor Road.*

In addition, during our studies we did note several occasions in which drivers stopped or slowed down on Gulfstream Road near Indrio Road due to pedestrians crossing Gulfstream Road at the intersection during peak school hours. Observations reveal over 104 pedestrians crossed Gulfstream Road at this intersection. Study results are summarized in *Appendix A*.

In order to warrant all-way stop controls, an average of two preventable collisions must be recorded per year for a three year period. Toronto Police Service collision records for a three-year period ending December 31, 2014, revealed there have been no collisions which would be considered preventable with the installation of all-way stop controls. However, based on our observations there did appear to be some confusion with drivers entering the intersection as to who had the right-of-way.

Based on our findings, Traffic Operations recommends the installation of additional stop controls at the intersection of Gulfstream Road and Indrio Road. The conversion to an all-way stop control will help improve traffic operation and enhance pedestrian safety.

CONTACT

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SIGNATURE

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ATTACHMENTS

Appendix A	All-way stop warrant summary results
Attachment 1:	Map

APPENDIX A

Warrants for All-way “Stop” Sign Control

Study location: Gulfstream Road and Indrio Road

Study Date: Tuesday, February 2, 2016

Four-Hour Study Period 7:30 a.m. to 9:30 a.m. 2:30 p.m. to 4:30 p.m.	Total Approach Vehicle Volume	Vehicle/Pedestrian Volume Crossing Major Road	Unit Volume Split Major/Minor Roads
Study Period Average	125	93	38/62
Warrant Requirements for Study Period Average	≥ 250	≥ 100	$\geq 30/70$ or $\leq 70/30$

To warrant the installation of an all-way STOP control, the traffic volume requirements for the “Study Period Average” must be completely satisfied in either of the following two combinations:

1. “Total Approach Vehicle Volume” & “Unit Volume Split – Major/Minor Roads”
or
2. “Vehicle/Pedestrian Volume Crossing Major Road” & “Unit Volume Split-
Major/Minor Roads”