



STAFF REPORT ACTION REQUIRED

Algarve Crescent and Terceira Circle – Stop Control

Date:	October 20, 2009
To:	Etobicoke York Community Council
From:	Director, Transportation Services - Etobicoke York District
Wards:	Ward 17 - Davenport
Reference Number:	P;\2009\Cluster B\TRA\Etobicoke York\eycc090144-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 obtain approval for the implementation of a stop control for southbound traffic at the intersection of Algarve Crescent and Terceira Circle.

The installation of a stop control will address the right-of-way concerns at the intersection of Algarve Crescent and Terceira Circle.

RECOMMENDATIONS

Transportation Services recommends that Etobicoke York Community Council approve:

1. Installing a stop control southbound on Terceira Circle at Algarve Crescent.

Financial Impact

Type of Funding	Source of Funds	Amount
Available within current budget	Transportation Services Operating Budget	\$150.00

ISSUE BACKGROUND

Further to a request by area residents, the Transportation Services Division, Etobicoke York District, conducted a traffic operational review at the intersection of Algarve Crescent and Terceira Circle. Specifically, local residents claimed that the lack of signs to control the movement of traffic through the intersection may result in collisions.

COMMENTS

Algarve Crescent is a one-way, westbound to southbound, local road and forms a 'T' intersection with Terceira Circle, with a laneway forming the fourth approach to this intersection. The posted speed limit for Algarve Crescent is 40 km/h. Terceira Circle is a two-way local road. The surrounding area is primarily comprised of single family homes.

As there are no existing traffic control signs, motorists approaching the intersection must yield to any traffic already within the intersection, prior to proceeding. To assess existing traffic conditions, this Division conducted A.M. and P.M. peak period studies at the subject intersection. Staff recorded the total volume of traffic utilizing the intersection, watched for and recorded any occurrences of evasive manoeuvres between vehicles simultaneously moving through the intersection and collected data with respect to the intersection's layout and geometry. During our studies, staff observed that the predominant movement of traffic is on Algarve Crescent with Terceira Circle acting as the minor road. During our two-hour study, a total of 24 vehicles were recorded on Algarve Crescent with only 3 vehicles recorded on Terceira Circle.

Staff conducted a collision review for the past three years of complete data which shows that there have been no collisions related to right-of-way at this intersection. A hit and run incident involving a motorist striking a small tree did occur in 2006, however, this incident was not related to intersection control.

Notwithstanding that there have been no preventable collisions at the intersection of Algarve Crescent and Terceira Circle, nor were there any evasive manoeuvres observed during the study periods, local residents are concerned that the lack of intersection control signs may result in collisions, particularly during the time of arrival/dismissal of the nearby school (General Mercer Junior Public School). To improve the management of traffic, clearly define the right-of-way at the intersection and to enhance pedestrian safety, it is recommended that a stop control be installed for the southbound direction at the intersection of Algarve Crescent and Terceira Circle.

CONTACT

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SIGNATURE

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ATTACHMENTS

Attachment 1: Map – Algarve Crescent and Terceira Circle Intersection