



**STAFF REPORT
ACTION REQUIRED**

All Way Stop Control: Roxborough Street East and Wrentham Place

Date:	January 19, 2015
To:	Toronto and East York Community Council
From:	Director, Transportation Services, Toronto and East York District
Wards:	Toronto Centre–Rosedale, Ward 27
Reference Number:	Ts2015010te.top.doc

SUMMARY

This staff report is about a matter for which Toronto and East York Community Council has delegated authority to make a final decision.

Transportation Services is requesting approval for the installation of an All Way Stop Control at the intersection of Roxborough Street East and Wrentham Place. The installation of the All Way Stop Control at this intersection will resolve safety concerns regarding driver and pedestrian expectations when crossing this intersection.

RECOMMENDATIONS

Transportation Services recommends that Toronto and East York Community Council:

1. Approve the installation of an All Way Stop Control at the intersection of Roxborough Street East and Wrentham Place.

Financial Impact

All costs associated with the installation of an All Way Stop Control are included within Transportation Services 2015 Interim Operating Budget.

ISSUE BACKGROUND

At the request of a local resident, in consultation with Councillor Kristyn Wong-Tam, Transportation Services reviewed the feasibility of installing an All Way Stop Control at the intersection of Roxborough Street East and Wrentham Place.

The installation of the all way stop control at this intersection will resolve safety concerns regarding driver and pedestrian expectations when crossing this intersection.

COMMENTS

Roxborough Street East is classified as a collector roadway operating two-way (eastbound and westbound) and has a regulatory speed limit of 40 km/h. Wrentham Place is classified as a local roadway operating two-way (northbound and southbound) and has a regulatory speed limit of 50 km/h. It is a "T" intersection and is controlled by a northbound stop control on Wrentham Place at Roxborough Street East. Municipal sidewalks are located on both sides of Roxborough Street East and on both sides of Wrentham Place. The pavement width on Roxborough Street East at Wrentham Place varies. The pavement is approximately 7.5 metres wide on the west side of Wrentham Place and 10.5 metres wide on the east side of Wrentham Place.

To assess existing traffic conditions at the intersection of Roxborough Street East and Wrentham Place, this Division conducted an All Way Stop Control study on November 19, 2014, updated vehicle and pedestrian volumes, assessed the existing roadway geometry and collected intersection collision statistics.

The results of the study are as follows:

Roxborough Street East and Wrentham Place		Actual	Required	Satisfied (YES/NO)
A	Collision History	1/3 yrs	9/3 yrs	NO
B1	Total Vehicle Volumes	554	375/avg hr	YES
B2	Combined Vehicle & Pedestrian Volumes Crossing Major Road	173	150/avg hr	YES
B3	Percentage of Traffic on Major Road	69	≤ 70	YES
Overall Warrant				YES

In order for the All Way Stop "Overall Warrant" to be warranted, either Warrant A must be met or Warrant B1 or B2 combined with Warrant B3 must be achieved.

A review of Toronto Police Service collision records revealed that in a three year period ending in October 2013, there was one reported collision at this intersection. Upon further review of the details of this collision, it was determined that it may have been susceptible to correction by the installation of an All Way Stop Control.

The results of the All Way Stop study concluded that the warrants for the installation of an All Way Stop Control were satisfied, specifically the combined vehicle and pedestrian volumes crossing the major roadway (Roxborough Street East), the total vehicular volumes, and the percentage vehicular split did not exceed 70%/30%.

In view of the above, as it would ensure positive guidance for the motorists and pedestrians using this intersection, this Division supports the installation of an All Way Stop Control at the intersection of Roxborough Street East and Wrentham Place.

Councillor Kristyn Wong-Tam has been advised of the recommendations contained in the report.

CONTACT

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SIGNATURE

Kyp Perikleous
Director

ATTACHMENTS

(1) Attachment 1: Drawing No. 421G-1640, dated December 2014

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