



## STAFF REPORT ACTION REQUIRED

### Morningside Avenue and Beresford Avenue/Rennie Terrace – New All-Way Stop Signs

<b>Date:</b>	January 4, 2007
<b>To:</b>	Etobicoke York Community Council
<b>From:</b>	Director, Transportation Services Toronto - Etobicoke York District
<b>Wards:</b>	Ward 13 - Parkdale–High Park
<b>Reference Number:</b>	eycc07019-to, eycc07019-to-att1

#### SUMMARY

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The purpose of this report is to obtain approval for an all-way “Stop” at Morningside Avenue and Beresford Avenue/Rennie Terrace. As the warrant requirements are met, an all-way “Stop” is recommended to enhance the operational safety of this intersection.

#### RECOMMENDATIONS

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**Transportation Services recommend that Council approve the following actions:**

1. “Stop” signs be installed for eastbound and westbound traffic on Morningside Avenue and Beresford Avenue/Rennie Terrace.

#### Financial Impact

Type of Funding	Source of Funds	Amount
Available within current budget	Transportation Services Operating Budget	\$500.00

#### ISSUE BACKGROUND

At the request of area residents and in consultation with Councillor Bill Saundercook, Transportation Services staff investigated the feasibility of installing “Stop” signs for eastbound and westbound traffic on Morningside Avenue and Beresford Avenue/Rennie Terrace.

## **COMMENTS**

Morningside Avenue is a collector road operating two-way eastbound and westbound with a speed limit of 40 km/h and a road width of 8.5 metres. Beresford Avenue/Rennie Terrace are local streets operating two-way with posted speed limits of 40 km/h and road widths of 8.5 metres intersecting with Morningside Avenue.

A review of the Toronto Police Service collision records over a three-year period ending December 31, 2005, disclosed 2 collisions at the subject intersection. Both may have been prevented with the installation of a traffic control device.

Our study results reveal, as set in **Appendix A** attached, that the warrant requirements under Warrant "A" are not achieved. However, the warrant criteria under Warrant "B" have been achieved. In this regard, the subject intersection satisfies the operational elements for the implementation of an all-way stop control.

To improve the regulation of traffic and to enhance pedestrian safety, it is recommended that "Stop" signs be installed on Morningside Avenue at Beresford Avenue/Rennie Terrace, in order to create an all-way stop condition at the intersection.

## **CONTACT**

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## **SIGNATURE**

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John Niedra, P. Eng.  
Director, Transportation Services - Etobicoke York District

## **ATTACHMENTS**

Appendix A  
Attachment No. 1: Map

## APPENDIX A

The justification for the installation of an all-way stop control is based on the technical warrant adopted by Toronto City Council:

### Warrant “A”: Collision History

This warrant determines the average number of reported collisions per year over a three-year period of the type susceptible to correction by the use of all-way ‘Stop’ sign controls and where less restrictive measures have been tried and found inadequate. The warrant is met if the average number of collisions is greater than or equal to:

- (i) two for major roads considered as Local;
- (ii) three for major roads considered as Collector (AADT less than or equal to 6000);  
or
- (iii) four for other roads

	Year 1	Year 2	Year 3	Average	Warrant ‘A’ Met
Three-year period	2003	2004	2005		
Number of Collisions	0	0	2	.7	NO

### Warrant “B”: Traffic Volume

Four-Hour Study Period	Total Approach Vehicle Volume	Vehicle/Pedestrian Volume Crossing Major Road	Unit Volume Split Major/Minor Roads
Study Period Average	788	266	69/31
Warrant Requirements for Study Period Average	≥375	≥100	≥30/70 or ≤70/30

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

- (a) “Total Approach Vehicle Volume” & “Unit Volume Split – Major/Minor Roads”  
or
- (b) “Vehicle/Pedestrian Volume Crossing Major Road” & “Unit Volume Split-Major/Minor Roads”