



# STAFF REPORT ACTION REQUIRED

## All-Way Stop Control – Sherway Gardens Road and Sherway Gate

<b>Date:</b>	January 16, 2014
<b>To:</b>	Etobicoke York Community Council
<b>From:</b>	Director, Transportation Services - Etobicoke York District
<b>Wards:</b>	Ward 5 – Etobicoke-Lakeshore
<b>Reference Number:</b>	p:\2014\Cluster B\TRA\EtobicokeYork\eycc140015-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 present the results of an investigation for all-way stop controls at the intersection of Sherway Gardens Road and Sherway Gate. A staff assessment concludes that while the intersection does not completely satisfy the City’s warrant for installing an all-way stop, from a traffic operational perspective the imbalance of traffic flow and significant traffic and pedestrian activity justifies an all-way stop operation.

### RECOMMENDATIONS

**Transportation Services recommends that Etobicoke York Community Council approve:**

1. Installing an all-way stop control at the intersection of Sherway Gardens Road and Sherway Gate.

### Financial Impact

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

## **ISSUE BACKGROUND**

Transportation Services investigated a request from the Ward Councillor on behalf of an area resident for all-way stop controls at the intersection of Sherway Gardens Road at Sherway Gate. The request is the result of concerns with respect to right-of-way compliance of the existing stop signs at this location. A map of the area is Attachment 1.

## **COMMENTS**

The east approach of Sherway Gardens Road and Sherway Gate are four-lane roads classified in the City's Road Classification System as "Collector" roadways. The west approach of Sherway Gardens Road is a four-lane "Private" roadway which provides vehicle access around Sherway Gardens Mall with the other two approaches being public roads. The intersection is located north of Evans Avenue, west of Highway 427. Stop signs are posted for eastbound and westbound motorists on Sherway Gardens Road. To provide better traffic management during the construction of new development and renovations around Sherway Gardens Mall, a temporary stop sign for the south approach (northbound) was recently installed.

The justification for the installation of an all-way stop control is based on a technical warrant adopted by Toronto City Council. The warrant takes into consideration the collision history and traffic volume. Our study results are summarized in Appendix A, and show that the technical warrants for the installation of all-way stop controls are not satisfied. However, the imbalance of traffic flow at the intersection indicates that the heavier movement (east-west on Sherway Gardens Road) is currently under "STOP" control resulting in ambiguity regarding right-of-way for all road users. In addition, our studies indicate both the "Total Approach Vehicle Volume" and "Vehicle\ Pedestrian Volume Crossing the Major Road" criteria are significantly met.

Toronto Police Service collision records for a three and a half-year period ending June 31, 2013, revealed there have been three reported collisions at the intersection which would be considered preventable with the installation of all-way stop controls.

The former stop control configuration, prior to the temporary stop sign installation whereby the heavier traffic volume travelling on Sherway Gardens Road was stopping for the lighter cross-street traffic on Sherway Gate, contradicts normal traffic control protocols. The installation of the temporary all-way stop has demonstrated that traffic flow has improved and confusion or ambiguity regarding right-of-way has been minimized. Based on the imbalance of traffic flow and the improved clarity of right-of-way, staff recommends that all-way stop controls be approved for the intersection of Sherway Gardens Road and Sherway Gate.

## **CONTACT**

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## **SIGNATURE**

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Director, Transportation Services - Etobicoke York District

## **ATTACHMENTS**

Attachment 1:           Map

Appendix A

## APPENDIX A

### Warrants for All-way “Stop” Sign Control

Study location: Sherway Gardens Road and Sherway Gate

Four-Hour Study Period	Total Approach Vehicle Volume	Vehicle/Pedestrian Volume Crossing Major Road	Unit Volume Split Major/Minor Roads
Study Period Average	994	740	26/74
Warrant Requirements for Study Period Average	$\geq 375$	$\geq 150$	$\geq 30/70$ 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”