



## STAFF REPORT ACTION REQUIRED

### Legion Road North and Manitoba Street – All-Way Stop Control

<b>Date:</b>	April 26, 2007
<b>To:</b>	Etobicoke York Community Council
<b>From:</b>	Director, Transportation Services, Etobicoke York District
<b>Wards:</b>	Ward 6 – Etobicoke-Lakeshore
<b>Reference Number:</b>	eycc070073-5088

#### SUMMARY

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The purpose of this report is to propose the installation of an all-way stop control at the intersection of Legion Road North and Manitoba Street, as the warrants for an all-way stop control are met.

The introduction of an all-way stop control will improve traffic management and safety at this location.

#### RECOMMENDATIONS

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**Transportation Services recommends that:**

1. City Council approve the installation of an all-way stop control at the intersection of Legion Road North and Manitoba Street.

#### Financial Impact

Type of Funding	Source of Funds	Amount
Available within current budget	Transportation Services Operating Budget	\$800.00

#### ISSUE BACKGROUND

Transportation Services received a request from Councillor Mark Grimes, on behalf of area residents, to investigate the feasibility of installing an all-way stop control at the intersection of Legion Road North and Manitoba Street. A map of the area is Attachment No.1.

## **COMMENTS**

Legion Road North and Manitoba Street are located in the residential community south of the F.G. Gardiner Expressway and west of Park Lawn Road. These two-lane streets are currently classified in the City's road system as local roads.

Traffic Control Signals are located at the intersection of Legion Road North and the Park Lawn Road reverse ramp from eastbound F.G. Gardiner Expressway.

The legal speed limit on Legion Road North and Manitoba Street is 50 km/h.

A stop control is currently located at the west approach of the intersection of Legion Road North and Manitoba Street. The access driveway to the underground parking of "The Tides" condominium complex, 185 Legion Road North, is located on the east side of Legion Road North within the intersection of Legion Road North and Manitoba Street .

The justification for the installation of an all-way stop control is based on a technical warrant adopted by Toronto City Council. Our study results reveal that the requirements for an all-way stop control are achieved at this intersection. Our study results are summarized in Appendix A.

Based on the results of the all-way stop warrant analysis, it is recommended that an all-way stop control be installed at intersection of Legion Road North and Manitoba Street. The introduction of an all-way stop control will improve traffic management and safety at this location.

## **CONTACT**

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## **SIGNATURE**

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

## **ATTACHMENTS:**

Appendix A  
Attachment No. 1      Map

## APPENDIX A

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

Study location: Legion Road North and Manitoba Street (minor or stop street)

Date: Thursday, January 18, 2007

Four-Hour Study Period 7:00 a.m. to 9:00 a.m. 4:00 p.m. to 6:00 p.m.	Total Approach* Vehicle Volume	Vehicle/Pedestrian Volume Crossing Major Road	Unit Volume Split Major/Minor Roads
Study Period Average	195	123**	39/61
Warrant Requirements for Study Period Average	$\geq 250$	$\geq 100$	$\geq 30/70$ or $\leq 70/30$

\*Note: Includes access driveway to “The Tides” condominium complex.

\*\*Note: An average of 8 pedestrians per hour crossed the major road (Legion Road North)

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”