



STAFF REPORT ACTION REQUIRED

Yield Control - Varsity Road and Old Dundas Street

Date:	January 29, 2013
To:	Etobicoke York Community Council
From:	Director, Transportation Services - Etobicoke York District
Wards:	Ward 13 – Parkdale–High Park
Reference Number:	p:\2013\Cluster B\TRA\EtobicokeYork\eycc130033-to

SUMMARY

The purpose of this report is to recommend the installation of a yield control on Varsity Road at the intersection of Old Dundas Street. This intersection is currently uncontrolled and the installation of a yield control will define right-of-way, enhancing traffic management and safety at this location.

Since the Toronto Transit Commission (TTC) provides service on Old Dundas Street, City Council approval of this report is required.

RECOMMENDATIONS

Transportation Services recommends that City Council approve:

1. The installation of a yield control on Varsity Road at the intersection of Old Dundas Street.

Financial Impact

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

ISSUE BACKGROUND

Transportation Services received a request from the Toronto Transit Commission (TTC) to determine if traffic control measures are required at the intersection of Old Dundas Street and Varsity Road. Currently, this intersection is an uncontrolled “T” type intersection with overhead flashing amber beacons for all three approaches. A map of the area is Attachment 1.

COMMENTS

Old Dundas Street and Varsity Road are local roads in the residential community south of Dundas Street West and west of Jane Street. The intersection is a “T” type intersection in which all approaches have a significant grade. The intersection is currently uncontrolled and since there are no traffic control devices at this intersection, right-of-way is determined by the basic right-of-way rule. The rule, as stated in section 135, sub-sections (2) & (3) of the Highway Traffic Act, is “every driver approaching an intersection shall yield the right-of-way to any vehicle in the intersection that has entered from an intersecting highway” and “when two vehicles enter the intersection from intersecting highways at approximately the same time, the driver on the left shall yield the right-of-way to the vehicle on the right”. This intersection has remained uncontrolled due to concerns with the roadway grade and requiring vehicles to stop during inclement weather.

Our review of the Toronto Police Services collision records for the past three years for which we have complete data (January 1, 2009 to December 31, 2011) for Old Dundas Street and Varsity Road reveals that there has been one reported collision at this intersection.

To assess traffic conditions at the intersection, observations were conducted on a number of occasions. Although we did not observe any conflicts within the intersection, we did record a relatively high traffic volume for an uncontrolled intersection. During our eight-hour study, we recorded a total of 1,464 vehicles entering the intersection from all three approaches.

Based on our observations, it is concluded that some form of traffic control is required at this intersection to avoid potential conflicts and more clearly define the right-of-way. Currently, vehicles on Varsity Road tend to yield the right-of-way to traffic on Old Dundas Street. Based on the geometrics of the intersection and the drivers' actions at the intersection, we have determined that a yield sign on Varsity Road at Old Dundas Street is the most appropriate form of right-of-way control. We will continue to monitor this location following the installation of this control.

CONTACT

Kevin Akins-Etobicoke York District
Tel: (416) 394-6046; Fax: (416) 394-8942
E-mail: krakins@toronto.ca
AFS17163

SIGNATURE

Steven T. Kodama, P.Eng.
Director, Transportation Services - Etobicoke York District

ATTACHMENTS

Attachment 1: Map