

All-Way Stop Control - Mount Pleasant Road and Golddale Road

Date: October 21, 2019

To: North York Community Council

From: Acting Director, Traffic Management, Transportation Services

Wards: Ward 15, Don Valley West

SUMMARY

This staff report is about a matter for which Community Council has delegated authority to make a final decision, provided that it is not amended so that it varies with City policy or by-laws.

Transportation Services is requesting North York Community Council to authorize the installation of all-way stop control at the intersection of Mount Pleasant Road and Golddale Road.

The installation of an all-way stop control is justified at the intersection of Mount Pleasant Road and Golddale Road and recommended to clearly establish the right-of-way and enhance pedestrian and vehicular safety at this intersection.

RECOMMENDATIONS

The Acting Director, Traffic Management, Transportation Services, recommends that North York Community Council:

1. Authorize all-way stop control at the intersection of Mount Pleasant Road and Golddale Road.

FINANCIAL IMPACT

All costs associated with the necessary sign installations are included within the Transportation Services 2019 Operating Budget.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

Transportation Services was requested by Councillor Jaye Robinson, on behalf of local residents, to review the need for all-way stop control at the intersection of Mount Pleasant Road and Golfdale Road.

This section of Mount Pleasant Road is a 12.5 metres wide collector street that operates free flow at the intersection with Golfdale Road. Golfdale Road is an 8.5 metres wide local street that is stop controlled at the intersection. Both streets have posted speed limits of 40 km/h. There is TTC bus service on Mount Pleasant Road with a bus stop on the northwest corner of the intersection. The existing land use within the immediate area of the intersection of Mount Pleasant Road and Golfdale Road is primarily residential.

A review of the Toronto Police Service collision records for the three-year period ending December 31, 2018, revealed that one collision was reported at the intersection of Mount Pleasant Road and Golfdale Road of a type susceptible to correction by the installation of an all-way stop control. No collisions involved pedestrians.

The intersection of Mount Pleasant Road and Golfdale Road was evaluated against the warrants for all-way stop control sign adopted by City Council. The warrant consists of four components – collision history, vehicle volume, combined vehicle and pedestrian volumes crossing the major road and the percentage of traffic on the major road.

The warrant criteria was applied against a vehicle and pedestrian counts completed on October 3, 2019 and October 9, 2019 during a.m. and p.m. peak periods respectively, and the collision history at the intersection. The results of the warrant analysis are summarized in the following table:

Table 1: All-Way Stop Control at Mount Pleasant Road and Golfdale Road

	Warrant Criteria	Actual	Required	Satisfied (YES/NO)
A	Number of Potentially Preventable Collisions (Jan. 1, 2016 to Dec. 31, 2018)	1	6	No
B1	Average Vehicle Volumes	489/hr	375/hr	Yes
B2	Combined Vehicle & Pedestrian Volumes Crossing Major Road (Average) ^{***}	150/hr	150/hr	Yes
B3	Percentage of traffic on major road	71%	≤70%	No
	Overall Warrant			No

^{***} New Pedestrian Warrant criteria used as adopted by City Council on July 16, 2019 in the Vision Zero 2.0 report

In order for the all-way stop control to be technically warranted, either Warrant A must be met or Warrant B1 or B2 combined with Warrant B3 must be met. Based on the study results shown in the table above, technical Warrants B1 and B2 are met and Warrant B3 is 1% from being met. Given the daily fluctuation in traffic volumes, resulting in the strong likelihood of this warrant criteria being achieved, the implementation of an All-Way Stop Control - Mount Pleasant Road and Golfdale Road

all-way stop control is appropriate to make the intersection safer for all road users. Therefore, it is recommended that all-way stop control be implemented at the intersection of Mount Pleasant Road and Golfdale Road.

The Ward Councillor has been advised of the recommendation of this staff report.

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SIGNATURE

Roger Browne, M.A. Sc., P.Eng
Acting Director, Traffic Management, Transportation Services

ATTACHMENTS

Attachment 1: Map - Mount Pleasant Road and Golfdale Road - All-Way Stop Control

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