

All-way Stop Controls - Woodmount Avenue and Holborne Avenue

Date: February 27, 2019
To: Toronto and East York Community Council
From: Acting Director, Traffic Management, Transportation Services
Wards: Ward 19, Beaches - East York

SUMMARY

This staff report is about a matter that 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 staff have reviewed the need for all-way stop controls at the intersection of Woodmount Avenue and Holborne Avenue, to address residents' concerns regarding safety. Our assessment indicates the criteria as set out in the all-way stop warrant has not been satisfied at this intersection. Therefore, all-way stop controls should not be installed at the intersection of Woodmount Avenue and Holborne Avenue.

RECOMMENDATIONS

The Acting Director, Traffic Management, Transportation Services, recommends that:

1. Toronto and East York Community Council not authorize the installation of all-way stop control at the intersection of Woodmount Avenue and Holborne Avenue.

FINANCIAL IMPACT

There is no financial impacts resulting from the adoption of the recommendations in this report.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

At the request of former Councillor Janet Davis, on behalf of area residents, Transportation Services has investigated the feasibility of implementing all-way stop controls at the intersection of Woodmount Avenue and Holborne Avenue.

Existing Conditions

Woodmount Avenue is classified as a two-way north/south local road between Cosburn Avenue and Barker Avenue. It has a posted speed limit of 30 km/h, daily two-way traffic volume of about 900 vehicles and a pavement width of about 8.5 metres.

Holborne Avenue is classified as a two-way east/west local road between Woodmount Avenue and Glebemount Avenue. The posted speed limit is 30 km/h, it has a daily two-way traffic volume of about 300 vehicles and an average pavement width of 7.3 metres.

These two streets intersect to form a right-angled four-leg intersection, with right-of-way controlled by "Stop" signs for eastbound and westbound traffic on Holborne Avenue. Heavy trucks are prohibited at all times on both roadways. There is no regularly scheduled TTC service provided on Woodmount Avenue and Holborne Avenue.

Analysis

Transportation Services evaluated this intersection against the criteria governing the installation of stop signs which encompasses factors such as right-of-way conflicts, vehicular and pedestrian usage of the intersection, physical and geometric configuration, surrounding area traffic control and collision experience.

Collision statistics provided by the Toronto Police Services for the three-year period ending December 31, 2017 disclosed that three collisions had occurred at Woodmount Avenue and Holborne Avenue. Two of the collisions were angle-type and one involved a rear-end collision with a parked vehicle.

The results of the all-way stop control warrant study at the intersection of Woodmount Avenue and Holborne Avenue has been summarized in the following table:

Warrant A: Collision History	Warrant B-1B: Combined Crossing Volume (Vehicles & Pedestrians)	Warrant B-2: Main Street/Side- Street Volume Split	Warrant B-1A: Total Approach Vehicular Volume	All-Way Stop Warrants Satisfied (Yes/No)
Required: ≥2 Collisions/Year Actual: 0.7 Collisions/year (Not Met)	Required: 100 Units/Hour Actual: 24 Units/Hour (Not Met)	Required: ≤70%/30% Actual: 68% / 32% (Met)	Required: 250 Vehicles/ Hour Actual: 70 Vehicles/Hour (Not Met)	No

In order to warrant for the installation of all-way stop controls, Warrant A, Warrant B-1A or Warrant B-1B must be met in addition to Warrant B-2. Based on the above review, the technical warrants for the installation of all-way stop controls at the intersection of Woodmount Avenue and Holborne Avenue is not satisfied and the requested installation of all-way stop controls at this intersection is not recommended.

Councillor Brad Bradford has been advised of the recommendation of this staff report.

CONTACT

Bruce Clayton
Manager, Traffic Operations
Traffic Management
Transportation Services
Telephone: (416) 397-5021
Fax: (416) 392-1920
E-mail: Bruce.Clayton@toronto.ca

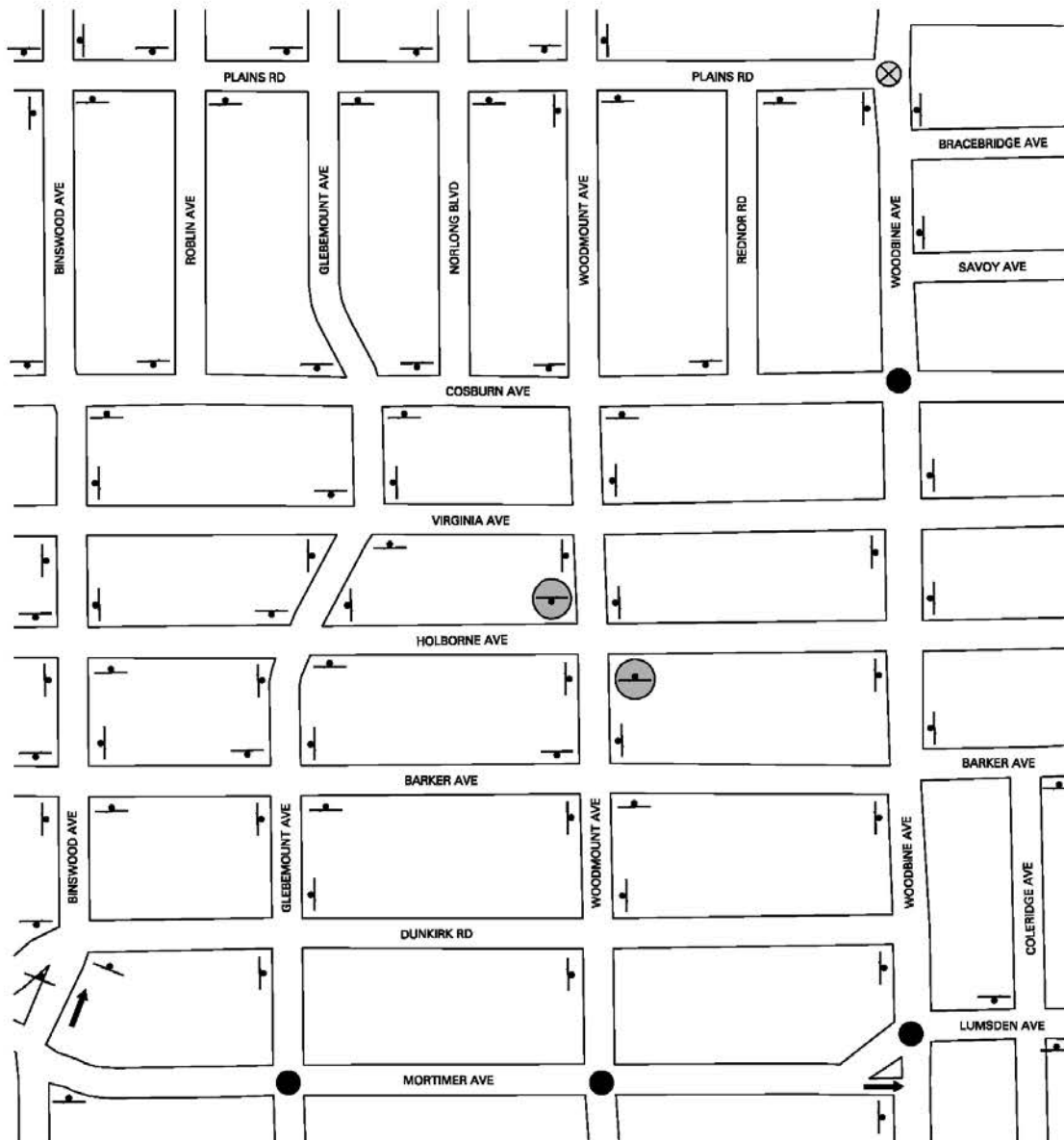
SIGNATURE

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

ATTACHMENTS

1. Drawing No. 421G-3334, dated February 2019

P:\2019\Cluster B\Tra\Toronto and East York\Top\Ts2019091te.top.doc - mb



LEGEND

-  PROPOSED STOP SIGN
-  EXISTING STOP SIGN
-  PEDESTRIAN CROSSOVER
-  SIGNALIZED INTERSECTION
-  ONE WAY STREET

NOTE:
INFORMATION ON THIS PLAN IS BASED
ON OFFICE RECORDS AND IS SUBJECT
TO FIELD VERIFICATION.

WOODMOUNT AVE AND HOLBORNE AVE: PROPOSED ALL-WAY STOP CONTROL

M.S.

DWG. NO. 421G-3334

FEBRUARY, 2019

TRANSPORTATION SERVICES

TORONTO & EAST YORK DISTRICT

