

All-Way Stop Control - Franklin Avenue and Bassano Road

Date: January 3, 2020

To: North York Community Council

From: Acting Director, Traffic Management, Transportation Services

Wards: Ward 18 - Willowdale

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 Franklin Avenue and Bassano Road.

The installation of an all-way stop control is justified at the intersection of Franklin Avenue and Bassano Road, which will 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 Franklin Avenue and Bassano Road.

FINANCIAL IMPACT

All costs associated with the necessary sign installations are included within the Transportation Services 2020 Interim Operating Budget.

DECISION HISTORY

This report addresses a new matter.

COMMENTS

Transportation Services was requested by a local resident to review the need for all-way stop control at the intersection of Franklin Avenue and Bassano Road.

Franklin Avenue and Bassano Road are two-lane local streets located in the residential community to the south of Sheppard Avenue West and west of Yonge Street. The width of the pavement is approximately 8.5 metres and a posted speed limit of 40 km/h exists on both streets. There are no sidewalks provided in the immediate vicinity of the intersection on either street. East-west traffic on Franklin Avenue operates free flow and north-south traffic on Bassano Road is stop controlled. Heavy vehicles are prohibited at all times and there is no TTC service provided on either street. Bassano Road turns into Stuart Avenue, approximately 120 metres south of Franklin Avenue, where it intersects with Botham Road on the west side of the intersection. Franklin Avenue terminates approximately 48 metres west of Bassano Road. There is a walking path provided to access Franklin Park and Walker Road, which is located west of the intersection of Franklin Avenue and Bassano Road. Franklin Avenue resumes, west of Franklin Park.

An all-way stop control currently exists to the east of the intersection at Franklin Avenue and Botham Road (east intersection). St. Edwards Catholic School is located on No. 1 Botham Road and Cameron Public School is located at the north-west corner of the intersection of Franklin Avenue and Radine Road. Pedestrian and vehicular traffic volume is high in this area due to the presence of schools and a park in the vicinity.

A review of the Toronto Police Service collision records for the three-year period ending June 30, 2019, revealed that one collision was reported at the intersection of Franklin Avenue and Bassano Road of a type susceptible to correction by the installation of an all-way stop control. This collision did not involve a pedestrian.

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

The studies were conducted on November 28, 2019, during the a.m. and p.m. peak periods, and the collision history at the intersection was reviewed. The results of the warrant analysis are summarized in the following table:

Table 1: All-Way Stop Control at Franklin Avenue and Bassano Road

	Warrant Criteria	Actual	Required	Satisfied (YES/NO)
A	Number of Potentially Preventable Collisions	1	6	No
B1	Average Vehicle Volumes	82/hr	250/hr	No
B2	Combined Vehicle & Pedestrian Volumes Crossing Major Street (Average)***	101/hr	100/hr	Yes
B3	Percentage of Traffic on Major Street	20%	≤70%	Yes
	Overall Warrant			Yes

*** 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 B2 and B3 are met. Therefore, it is recommended that all-way stop control be implemented at the intersection of Franklin Avenue and Bassano Road.

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

CONTACT

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SIGNATURE

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

ATTACHMENTS

Attachment 1: Map - All-Way Stop Control - Franklin Avenue and Bassano Road

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