

All-Way Stop Control - Poyntz Avenue and Senlac Road

Date: September 30, 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 Poyntz Avenue and Senlac Road.

The installation of an all-way stop control is justified at the intersection of Poyntz Avenue and Senlac 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:

1. North York Community Council authorize all-way stop control at the intersection of Poyntz Avenue and Senlac Road.

FINANCIAL IMPACT

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

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

Transportation Services was requested by the Ward Councillor, as well as a local resident to review the need for all-way stop control at the intersection of Poyntz Avenue and Senlac Road. A map of the area is shown in Attachment 1.

Senlac Road, south of Sheppard Avenue West is an 8.5 metre wide, two-lane local street with a posted speed limit of 40 km/h. There is a sidewalk on the east side of the street. Poyntz Avenue, west of Beecroft Road is an 8.5 metre wide, two-lane local street, with a posted speed limit of 40 km/h. A sidewalk is provided on the south side of Poyntz Avenue. The intersection of Poyntz Avenue and Senlac Road is a "T" type intersection where east/west traffic on Poyntz Avenue operates free flow and south traffic on Senlac Road is stop controlled. Heavy vehicles are prohibited at all times and there is no TTC service provided on either street.

The existing land use within the immediate area of the intersection is primarily residential. Cameron Public School and Glen Cameron for Kids Day Care, located at 211 Cameron Avenue, services the local community. Pedestrian and vehicular traffic volume is high in this area due to the presence of the school and child care in the vicinity.

A review of Toronto Police Service collision records for the three-year period ending December 31, 2019, revealed that no collisions have been reported at the intersection of Poyntz Avenue and Senlac Road of a type susceptible to correction by the installation of an all-way stop control.

The intersection of Poyntz Avenue and Senlac Road was evaluated against the warrants for all-way stop control as adopted by City Council. The warrants consist of four components, including collision history, total vehicle volume, combined vehicle and pedestrian volumes crossing the major street and the percentage of traffic on the major street.

The studies were conducted on December 10, 2019 and January 9, 2020 during the p.m. and a.m. peak periods respectively, 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 Poyntz Avenue and Senlac Road

	Warrant Criteria	Actual	Required	Satisfied (YES/NO)
A	Number of Potentially Preventable Collisions	0	6	No
B1	Average Vehicle Volumes	193/hr	250/hr	No
B2	Combined Vehicle & Pedestrian Volumes Crossing Major Street (Average)***	102/hr	100/hr	Yes
B3	Percentage of Traffic on Major Street***	59%	≤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 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 Poyntz Avenue and Senlac Road.

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

CONTACT

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SIGNATURE

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Acting Director, Traffic Management, Transportation Services

ATTACHMENTS

Attachment 1: Map - All-Way Stop Control - Poyntz Avenue and Senlac Road

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