

All-Way Stop Control and Parking Amendments - Yvonne Avenue and Loney Avenue

Date: June 15, 2022

To: Etobicoke York Community Council

From: Director, Traffic Management, Transportation Services

Wards: Ward 7 - Humber River-Black Creek

SUMMARY

This staff report is about a matter that Community Council has delegated authority from City Council to make a final decision.

Transportation Services is requesting approval to install all-way stop control at the intersection of Yvonne Avenue and Loney Avenue. Based on the assessment undertaken, the installation of all-way stop control is recommended and should enhance safety for all road users.

In conjunction with the implementation of the all-way stop control, Transportation Services is recommending a stopping prohibition on the south side of Yvonne Avenue, between Haymarket Road and Loney Avenue. In addition, Transportation Services is recommending changes to the existing no stopping prohibition and School Bus Loading Zone on the north side of Yvonne Avenue, between Haymarket Road and Loney Avenue. These changes will improve the overall visibility and safety at the crosswalk and proposed all-way stop control, and reduce vehicle congestion.

RECOMMENDATIONS

The Director, Traffic Management, Transportation Services recommends that:

1. Etobicoke York Community Council authorize all-way compulsory stop control at the intersection of Yvonne Avenue and Loney Avenue.
2. Etobicoke York Community Council rescind the existing stopping prohibition in effect between 7:30 a.m. to 5:00 p.m., Monday to Friday, on the north side of Yvonne Avenue between a point 42 metres east of Haymarket Road and a point 75 metres further east.
3. Etobicoke York Community Council prohibit stopping between 8:00 a.m. to 5:00 p.m., Monday to Friday, on the north side of Yvonne Avenue between a point 42 metres east of Haymarket Road and a point 73 metres further east.

4. Etobicoke York Community Council prohibit stopping between 8:00 a.m. to 5:00 p.m., Monday to Friday, on the south side of Yvonne Avenue between Haymarket Road and Loney Avenue.

5. Etobicoke York Community Council rescind the existing School Bus Loading Zone in effect between 7:30 a.m. to 5:00 p.m., Monday to Friday, on the north side of Yvonne Avenue between a point 42 metres east of Haymarket Road and a point 75 metres further east.

6. Etobicoke York Community Council authorize School Bus Loading Zone to be in effect from 8:00 a.m. to 5:00 p.m., Monday to Friday, on the north side of Yvonne Avenue between a point 42 metres east of Haymarket Road and a point 60 metres further east.

FINANCIAL IMPACT

The estimated costs associated with the proposed amendments is \$2,000.00. Funding is anticipated to be available within the Transportation Services 2022 Operating and Capital Budgets.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

At the request of the Ward Councillor, on behalf of area residents, Green Communities Canada and St. Andre Catholic School, Transportation Services investigated the feasibility of installing all-way stop control at the intersection of Yvonne Avenue and Loney Avenue to address concerns about safety and visibility.

To further enhance safety and visibility for all road users, staff were requested to also consider changes to existing prohibitions and a new no stopping prohibition on the south side of Yvonne Avenue, between Haymarket Road and Loney Avenue.

Existing Conditions

Yvonne Avenue is characterized by the following conditions:

- It is a two-lane, east-west, local roadway
- It operates two-way traffic on a pavement width of approximately 8.5 metres
- The daily two-way traffic volume is approximately 500 vehicles
- The speed limit is 40 km/h
- Heavy trucks are prohibited at all times
- There is no TTC service provided
- There are sidewalks located on the north side of the street

Loney Avenue is characterized by the following conditions:

- It is a two-lane, north-south, local roadway
- It operates two-way traffic on a pavement width of approximately 8.5 metres
- The daily two-way traffic volume is approximately 500 vehicles
- The speed limit is 40 km/h
- Heavy trucks are prohibited at all times
- There is no TTC service provided
- There are sidewalks located on the west side of the street

These two streets intersect to form a right-angled T-type intersection, with right-of-way controlled by stop sign for northbound traffic on Loney Avenue.

St. Andre Catholic School is located on the north side of Yvonne Avenue and Loney Avenue intersection.

The parking regulations on Yvonne Avenue, within the subject section are as follows:

North side

- No stopping between 7:30 a.m. to 5:00 p.m., Monday to Friday between a point 42 metres east of Haymarket Road and a point 75 metres further east.
- School Bus Loading Zone in effect between 7:30 a.m. to 5:00 p.m., Monday to Friday, on the north side of Yvonne Avenue between a point 42 metres east of Haymarket Road and a point 75 metres further east.

South side

- The unsigned maximum three-hour daily parking limit

Proposed Changes

The existing no stopping prohibition and school bus loading zone on the north side of Yvonne Avenue will remain but will see a time and distance change to align with the school operating hours and deter buses from parking near the crosswalk. The proposed no stopping on the south side of Yvonne Avenue during school hours will deter parents from doing pick-up/drop-off on the opposite side of the school, which will improve vehicle movements by creating a clear passage. These proposed amendments minimize conflict between vehicles and pedestrians and will improve the overall safety of all road users during school hours.

A map of the proposed all-way stop control and proposed parking amendments is included in Attachment 1.

Study Results

In order for all-way stop control to be warranted at an intersection established criteria must be satisfied. The warrants consist of four components, including collision history, total vehicle volume, combined vehicle and pedestrian volumes crossing the major road and the percentage of traffic on the major road.

Collision history provided by the Toronto Police Service for the three-year period ending December 31, 2020, disclosed that zero reported collisions occurred at this intersection.

Transportation Services conducted an all-way stop control study on Wednesday, April 13, 2022, at the subject intersection. The results of the study were evaluated against the

warrant criteria for all-way stop control, as adopted by City Council. The evaluation is summarized in Table 1.

Table 1: All-Way Stop Control Study at Yvonne Avenue and Loney Avenue

No.	Warrant Type	Actual	Required	Satisfied (Yes/No)
A	Number of Potentially Preventable Collisions (January 1, 2018 to December 31, 2020)	0	6	No
B1	Average Vehicle Volumes	120/hour	250/hour	No
B2	Combined Vehicle & Pedestrian Volumes Crossing Major Road (Average)	181/hour	100/hour	Yes
B3	Percentage of Traffic on Major Street	16 %	≤70%	Yes

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 achieved. Based on the study results, the technical warrants for the installation of all-way stop control are satisfied. Therefore, it is recommended that all-way stop control be installed at the intersection of Yvonne Avenue and Loney Avenue.

Considering the above, the installation of all-way stop control is recommended at the intersection of Yvonne Avenue and Loney Avenue to appropriately assign the right of way.

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

CONTACT

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SIGNATURE

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

ATTACHMENTS

Attachment 1: Map - All-Way Stop Control and Parking Amendments - Yvonne Avenue and Loney Avenue

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