

All-Way Stop Control and Parking Amendments - Waldock Street and Havenway Gate

Date: June 8, 2023

To: Scarborough Community Council

From: Director, Traffic Management, Transportation Services

Wards: Ward 24, Scarborough-Guildwood

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 Waldock Street and Havenway Gate. Based on the assessment undertaken, the installation of all-way stop control is recommended and should enhance safety for all road users. Three on-street time-limited parking spaces will be relocated as a result of the installation of the proposed all-way stop control.

During the course of the investigation, it was also noted that there is a discrepancy between posted signs and the existing school bus loading zone regulation. Recommendation 5 will correct this inconsistency.

RECOMMENDATIONS

The Director, Traffic Management, Transportation Services recommends that:

1. Scarborough Community Council authorize an all-way compulsory stop control at the intersection of Waldock Street and Havenway Gate.
2. Scarborough Community Council amend the existing maximum 30-minute parking regulation in effect from 8:00 a.m. to 4:00 p.m., Monday to Friday, on the north side of Waldock Street, between a point 90 metres east of Galloway Road and a point 196 metres further east, to be in effect, between a point 90 metres east of Galloway Road and a point 43 metres further east.

3. Scarborough Community Council authorize parking for a maximum period of 30 minutes from 8:00 a.m. to 4:00 p.m., Monday to Friday, on the north side of Waldock Street, between a point 170 metres east of Galloway Road and a point 22 metres further east and between a point 213 metres east of Galloway Road and a point 83 metres further east.

4. Scarborough Community Council prohibit stopping at all times on the north side of Waldock Street, between a point 192 metres east of Galloway Road and a point 21 metres further east.

5. Scarborough Community Council amend the existing school bus loading zone, in effect from 8:00 a.m. to 5:00 p.m., on the north side of Waldock Street, between a point 37 metres east of Galloway Road and a point 37 metres further east, to be in effect, between a point 133 metres east of Galloway Road and a point 37 metres further east.

FINANCIAL IMPACT

The estimated costs associated with the proposed amendment is \$1,000.00. Funding is available within the Transportation Services 2023 Operating Budget.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

At the request of the Ward Councillor, Transportation Services staff investigated the feasibility of installing all-way stop control at the intersection of Waldock Street and Havenway Gate.

Existing Conditions

Waldock Street 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 825 vehicles
- The speed limit will be reduced to 30 km/h from 40 km/h in the future, as per SC32.11 - Vision Zero Road Safety Plan Speed Limit Reductions to 30 kilometres per hour on Local Roads and Public Lanes - Scarborough Area (Ward 20 and Ward 24)
- Heavy trucks are prohibited at all times
- There is no TTC service provided

- There are sidewalks located on both sides of the street
- Waldock Street is designated as a Community Safety Zone

Havenway Gate 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 475 vehicles
- The speed limit will be reduced to 30 km/h from 40 km/h in the future, as per SC32.11 - Vision Zero Road Safety Plan Speed Limit Reductions to 30 kilometres per hour on Local Roads and Public Lanes - Scarborough Area (Ward 20 and Ward 24)
- Heavy trucks are prohibited at all times
- There is no TTC service provided
- There are sidewalks located on both sides of the street

Waldock Street and Havenway Gate intersect to form a three-legged “T” type intersection. Right-of-way is controlled by a stop sign for northbound traffic on Havenway Gate, traffic on Waldock Street has free-flow operation.

The adjacent land use in this area is generally residential, with Eastview Junior Public School and Eastview Park being notable pedestrian generators immediately north of Waldock Street and Havenway Gate.

A map of the area is included in Attachment 1.

Study Results

In order for an 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 January 31, 2023, disclosed that zero reported collisions occurred at this intersection.

Transportation Services conducted an all-way stop control study on November 11, 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 Waldock Street and Havenway Gate

No.	Warrant Type	Actual	Required	Satisfied (Yes/No)
A	Number of Potentially Preventable Collisions (February 1, 2020 to January 31, 2023)	0	6	No

No.	Warrant Type	Actual	Required	Satisfied (Yes/No)
B1	Average Vehicle Volumes	149/hour	250/hour	No
B2	Combined Vehicle & Pedestrian Volumes Crossing Major Road (Average)	65/hour	100/hour	No
B3	Percentage of Traffic on Major Street	67%	≤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 not satisfied.

Notwithstanding the numeric warrants for an all-way stop control not being met, Transportation Services considers that pedestrian crossing protection is appropriate at this intersection due to the following factors:

- Immediate access to Eastview Junior Public School and Eastview Park
- Replacement of existing uncontrolled crosswalk with a stop controlled crossing would provide a higher level of crossing protection for vulnerable road users

In view of the forgoing, Traffic Operations recommends the installation of an all-way stop control at the intersection of Waldock Street and Havenway Gate.

Parking Amendments

The installation of an all-way stop control at Waldock Street and Havenway Gate will result in the loss of three on-street parking spaces on the north side of Waldock Street. To offset this loss, Recommendation 2 will extend the existing 30 minute time-limited park towards east by approximately three on-street parking spaces.

The existing signage on the north side of Waldock Street also includes a stopping prohibition on the north side. This regulation has not been specifically by-lawed. However, maintaining this prohibition will improve the visibility of crossing pedestrians by preventing vehicles from stopping close to the proposed crossing. Accordingly, Recommendation 4 will formalize and extend the existing stopping prohibition on the north side and will include the new crossing.

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.
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ATTACHMENTS

Attachment 1: Map - Parking Amendment and All-Way Stop Control - Waldock Street and Havenway Gate

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