

All-Way Stop Control and Parking Amendments - Tillplain Road and Codsell Avenue

Date: February 3, 2023

To: North York Community Council

From: Director, Traffic Management, Transportation Services

Wards: Ward 6 - York Centre

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 Tillplain Road and Codsell 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 the removal of the existing school bus loading zone as there are no school buses servicing the school at this time.

During the course of the investigation, it was noted that there is a discrepancy between posted signs and the existing parking regulations. Recommendations 3, 4, 5 and 6 will correct this inconsistency.

RECOMMENDATIONS

The Director, Traffic Management, Transportation Services recommends that:

1. North York Community Council authorize all-way compulsory stop control at the intersection of Tillplain Road and Codsell Avenue.
2. North York Community Council rescind the existing School Bus Loading Zone in effect from 8:00 a.m. to 5:00 p.m., Monday to Friday, on the west side of Tillplain Road between Codsell Avenue and a point 60 metres south.

3. North York Community Council prohibit stopping from 8:00 a.m. and 6:00 p.m., Monday to Friday, on the west side of Tillplain Road between a point 15 metres north of Codsell Avenue to a point 83 metres south.

4. North York Community Council amend the existing maximum 10-minute parking regulation in effect from 8:00 a.m. to 6:00 p.m., Monday to Friday on the west side of Tillplain Road, between Codsell Avenue and a point 15 metres south of Waterloo Avenue, to be in effect between a point 15 metres north of Codsell Avenue and Waterloo Avenue.

5. North York Community Council amend the existing maximum 1-hour parking regulation in effect from 8:00 a.m. to 4:00 p.m., Monday to Friday, on the east side of Tillplain Road between a point 45 metres south of Codsell Avenue and Cocksfield Avenue, to be in effect between a point 126 metres south of Codsell Avenue and Cocksfield Avenue.

6. North York Community Council amend the existing parking prohibition in effect at all times, on the west and south sides of Tillplain Road between a point 220 metres south of Waterloo Avenue and Cocksfield Avenue, to be in effect between a point 126 metres south of Codsell Avenue to Cocksfield Avenue.

FINANCIAL IMPACT

The estimated costs associated with the proposed amendments is \$2,500. Funding is anticipated to be available within the Transportation Services interim 2023 Operating and Capital Budgets

DECISION HISTORY

On September 10, 2013, North York Community Council adopted without amendment, Item NY26.15 "Parking and Stopping Prohibitions - Tillplain Road" and in so doing amended the 10-minute time limit parking, stopping prohibitions and school bus loading zone on Tillplain Road.

[Agenda Item History - 2013.NY26.15 \(toronto.ca\)](#)

COMMENTS

At the request of the Ward Councillor, on behalf of local residents, Transportation Services investigated the feasibility of installing all-way stop control at the intersection of Tillplain Road and Codsell Avenue.

Existing Conditions

Tillplain Road is characterized by 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 900 vehicles
- The speed limit is 30 km/h
- Heavy trucks are prohibited at all times
- There is no TTC service provided
- There are sidewalks located on both sides of the street

Codsell 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 900 vehicles
- The speed limit is 30 km/h
- Heavy trucks are prohibited at all times
- There is no TTC service provided
- There are sidewalks located on both sides of the street

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

William Lyon Mackenzie Collegiate Institute is located on the west side of Tillplain Road. Tillplain Road between Waterloo Avenue and Cocksfield Avenue is a designated community safety zone.

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 November 30, 2022, disclosed zero reported collisions at this intersection.

Transportation Services conducted an all-way stop control study on March 22, 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 Tillplain Road and Codsell Avenue

No.	Warrant Type	Actual	Required	Satisfied (Yes/No)
A	Collision History	0	6	No
B1	Average Vehicle Volumes	167/hour	250/hour	No
B2	Combined Vehicles & Pedestrians Crossing Major Road (Average)	228/hour	100/hour	Yes
B3	Percentage of Traffic on Major Street	30%	≤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 Tillplain Road and Codsell Avenue.

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

The parking regulations on Tillplain Road, within the subject section are as follows:

West side

- 10 minute parking in effect from 8:00 a.m. to 6:00 p.m., Monday to Friday between Codsell Avenue and a point 15m south of Waterloo Avenue and between a point 68 metres south of Codsell Avenue to point 58 metres further south.
- School Bus Loading Zone in effect between 8:00 a.m. to 5:00 p.m., Monday to Friday, on the west side of Tillplain Road between Codsell Avenue and a point 60 metres south.
- No Parking Anytime between a point 126 metres south of Codsell Avenue to Cocksfield Avenue

East side

- 1-hour parking in effect from 8:00 a.m. to 4:00 p.m., Monday to Friday between a point 126 metres south of Codsell Avenue to Cocksfield Avenue.
- No Stopping in effect from 8:00 a.m to 6:00 p.m., Monday to Friday between a point 126 metres south of Codsell Avenue and a point 15 metres south of Waterloo Avenue.

Proposed Changes

The existing school bus loading zone on the west side of Tillplain Road will be removed as there are no school buses servicing the school at this time. Additionally, the recommended parking regulations amendments will now reflect the signage that exists in the field and eliminate any discrepancies that were identified during the course of the investigation. These changes will also improve the overall visibility and safety at the proposed all-way stop control, and reduce vehicle congestion.

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

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 - Tillplain Road and Codsell Avenue

Attachment 1 All-Way Stop Control and Parking Amendments - Tillplain Road and
Codsell Avenue

