

## **All-Way Stop Control - Thurodale Avenue and Tedder Street**

**Date:** March 30, 2022

**To:** Etobicoke York Community Council

**From:** Director, Traffic Management, Transportation Services

**Wards:** Ward 5, York South-Weston

### **SUMMARY**

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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 Thurodale Avenue and Tedder Street. Based on the assessment undertaken, the installation of all-way stop control is recommended and should enhance safety for all road users.

### **RECOMMENDATIONS**

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The Director, Traffic Management, Transportation Services recommends that:

1. Etobicoke York Community Council authorize all-way compulsory stop control at the intersection of Thurodale Avenue and Tedder Street.

### **FINANCIAL IMPACT**

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The estimated costs associated with the proposed amendment is \$600.00. Funding is anticipated to be available within the Transportation Services 2022 Operating and Capital Budgets.

### **DECISION HISTORY**

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This report addresses a new initiative.

## COMMENTS

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At the request of the Ward Councillor, on behalf of area residents and St. Bernard Catholic School, Transportation Services investigated the feasibility of installing all-way stop control at the intersection of Thurodale Avenue and Tedder Street.

### Existing Conditions

Thurodale 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 1,100 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
- St. Bernard Catholic School is located on the north-west corner of Thurodale Avenue and Duckworth Street.

Tedder Street 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 1,100 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 T-type intersection, with right-of-way controlled by a stop sign for northbound traffic on Tedder Street.

Land use in the area is residential. St. Bernard Catholic School is located on the north-west corner of Thurodale Avenue and Duckworth Street. Thurodale Avenue is designated as a Community Safety Zone/School Safety Zone.

A map of the area 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, 2021, disclosed that zero reported collisions occurred at this intersection.

Transportation Services conducted an all-way stop control study on December 1, 2021 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 Thurodale Avenue and Tedder Street

No.	Warrant Type	Actual	Required	Satisfied (Yes/No)
A	Number of Potentially Preventable Collisions (2019 to 2021)	0	6	No
B1	Average Vehicle Volumes	134/hour	250/hour	No
B2	Combined Vehicle & Pedestrian Volumes Crossing Major Road (Average)	238/hour	100/hour	Yes
B3	Percentage of Traffic on Major Street	72%	≤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 Thurodale Avenue and Tedder Street.

It should be noted that there will be a loss of approximately six "15 minute parking" spaces on Thurodale Avenue associated with the installation of all-way stop control at this intersection.

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

## CONTACT

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## SIGNATURE

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

## ATTACHMENTS

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Attachment 1: Map - All-Way Stop Control - Thurodale Avenue and Tedder Street

# Attachment 1 Map - All-Way Stop Control - Thurodale Avenue and Tedder Street

