

Date: 2020-10-20

Subject: **Replacing Existing Yield Sign with Stop Sign – Trewartha Crescent - File I.AC (TRAF)**

Contact: Binita Poudyal, Traffic Operations Technologist, Road Maintenance, Operations and Fleet, Public Works and Engineering Department, 905-874-2878

Report Number: Public Works & Engineering-2020-283

Recommendations:

1. That the report titled: **Replacing Existing Yield Sign with Stop Sign – Trewartha Crescent - Ward 2 (R283/2020 - File I.AC TRAF)** to the Committee of Council meeting of November 18, 2020 be received; and,
2. That Traffic By-law 93-93, as amended, be further amended to remove an existing Yield sign, and to implement a Stop sign at the intersection of Trewartha Crescent and Trewartha Crescent.

Overview:

- Staff received concerns related to an existing Yield sign at the intersection of Trewartha Crescent and Trewartha Crescent.
- Staff observations revealed a higher than expected number of motorists not complying with the existing Yield sign at the intersection of Trewartha Crescent and Trewartha Crescent. This situation creates a conflict between vehicles travelling in different directions at the intersection.
- Staff recommends removing the existing Yield sign and replacing it with a Stop sign at the above noted location to alleviate the observed concerns. This change will require amendments to the “Yield Signs” and “Through Highway” schedules of the Traffic By-law.

Background:

Staff received a concern about westbound vehicles at the intersection of Trewartha Crescent and Trewartha Crescent not yielding to the north-south traffic despite an existing Yield sign at this location.

Current Situation:

Field observations revealed that a significant number of westbound motorists on Trewartha Crescent not yielding to the northbound and southbound through traffic and creating a potentially unsafe situation. Staff recommends an increase in the level of control from a Yield sign to a Stop sign at the subject intersection, to better clarify the right-of-way between vehicles approaching this intersection from conflicting directions. The proposed stop sign will require westbound travelling motorists to come to a complete stop before entering the intersection, and only proceed when it is safe to do so.

(Figure 1, attached, illustrates the recommended modification).

Corporate Implications:**Financial Implications:**

The costs associated with the installation of the traffic signs required to support this initiative are estimated to be \$60. There is sufficient funding available within the Public Works and Engineering operating budget to proceed with the recommendations in this report.

Strategic Plan:

This report achieves the “Move & Connect” Priority of the Strategic Plan by supporting the “active transportation and cycling strategy” initiative of the plan.

Council Priority – Streets for People

This report incorporates the Vision Zero framework into transportation planning, design and operations to prevent fatal and serious injury from motor vehicle collisions within the City right-of-way.

Conclusion:

Based on observations, staff recommends removing the existing Yield sign, and implementing a stop control at the intersection of Trewartha Crescent and Trewartha Crescent.

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Attachments:

**Figure 1: Replacement of Yield sign to Stop sign at Trewartha Crescent and
Trewartha Crescent**