

Date: 2020-08-21

Subject: **All-way Stop Review – Remembrance Road and Queen Mary Drive – Ward 6**

Secondary Title: All-way Stop Review

Contact: Aman Memon, Traffic Operations Technologist, Road Maintenance, Operations and Fleet, Public Works and Engineering Department, 905-874-2594

Report Number: Public Works & Engineering-2020-172

Recommendations:

1. That the report titled: **All-way Stop Review – Remembrance Road and Queen Mary Drive - Ward 6** to the Committee of Council meeting of October 21, 2020 be received; and,
2. That an all-way stop control be implemented at Remembrance Road and Queen Mary Drive.

Overview:

- **Staff conducted a review of the intersection of Remembrance Road and Queen Mary Drive to determine if an all-way stop is warranted.**
- **Based on the existing traffic patterns and engineering judgement, an all-way stop control is justified at the above noted intersection.**

Background:

Staff investigated the possibility of installing an all-way stop at the intersection of Remembrance Road and Queen Mary Drive.

Current Situation:

Remembrance Road and Queen Mary Drive are two lane residential collector roads with a posted speed limit of 50 km/h. Traffic at the intersection of Remembrance Road and Queen Mary Drive is currently controlled by stop signs facing northbound and southbound traffic. Staff conducted a study at the subject intersection to determine the need for an all-way stop. Based on the current volume, the intersection does not meet the warrants for implementing all-way stop control. However, traffic volume at the intersection is expected to increase to a point where additional traffic control will be required due to the development in the area and with the future connection to Chinguacousy Road. Therefore, staff recommends implementing all-way stop control at the intersection based on engineering judgment.

See attached Figure 1 for the location of the subject intersection.

Corporate Implications:

Financial Implications:

The costs associated with the installation of the traffic signs and pavement marking changes required to support this initiative are estimated to be \$300. 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.

Term of Council Priorities:

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:

An all-way stop control is recommended at the intersection of Remembrance Road and Queen Mary Drive, which requires an amendment to City of Brampton Traffic By-law 93-93.

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Attachments:

All-way Stop - Remembrance Road and Queen Mary Drive