TORONTO

REPORT FOR ACTION

All-Way Stop Control – Rustic Road and Cornelius Parkway

Date: March 10, 2017
To: Etobicoke York Community Council
From: Director, Transportation Services, Etobicoke York District
Wards: Ward 12 – York South-Weston

SUMMARY

This staff report is about a matter that Community Council has delegated authority from City Council to make a final decision.

This report presents the results of staff's investigation for a request to have an all-way stop control installed at the intersection Rustic Road and Cornelius Parkway. The request was made by the area Councillor, on behalf of the area residents. Staff recommends that an all-way stop control not be installed at the intersection of Rustic Road and Cornelius Parkway as the City-wide warrant for the installation of all-way stop controls is not met.

RECOMMENDATIONS

The Director, Transportation Services, Etobicoke York District recommends that:

1. Etobicoke York Community Council NOT approve an all-way stop control at the intersection of Rustic Road and Cornelius Parkway.

FINANCIAL IMPACT

Adopting the above-noted recommendation does not result in any financial impact; however, if Etobicoke York Community Council decides to approve the installation of an all-way stop control, the estimated cost for the installation of the signage is $800.00. These funds are available in the Transportation Services 2017 Operating Budget.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

Transportation Services staff received a request from the area Councillor, on behalf of area residents, to investigate the need for an all-way stop control at the intersection of Rustic Road and Cornelius Parkway. A map of the area is Attachment 2.

Rustic Road, between Keele Street and Connie Street is an 8.5 metre wide two-lane road classified in the City's Road Classification System as a "Collector" roadway. There are sidewalks on both sides of the road. Cornelius Parkway is an 8.5 metre wide two-lane road classified in the City's Road Classification System as a "Local" roadway. Sidewalk is located on the west side of the road. The legal speed limit on Rustic Road and Cornelius Parkway is 40 km/h. Currently a stop sign control is located on Cornelius Parkway for northbound and southbound traffic at the intersection.

The justification for the installation of an all-way stop control is subject to a technical warrant adopted by Toronto City Council based on collision history and traffic volume. Based on the findings of our studies, the intersection of Rustic Road and Cornelius Parkway does not meet the necessary criteria for an all-way stop control. Our studies results are summarized in Appendix A.

Toronto Police Service collision records for a three-year period (January 1, 2014 – December 31, 2016) for which we have complete data revealed a good safety record with no reported collision at this intersection.

We wish to emphasise that stop controls define right-of-way. Empirical evidence shows that all-way stop controls, especially when installed at low volume locations such as this, have little significant impact on vehicle operating speeds or traffic volume on either side of the control, encourage non-compliance, waste fuel and increase vehicle noise and emissions.

Based on the non-compliance of the warrants, staff does not recommend installing an all-way stop control at the intersection of Rustic Road and Cornelius Parkway.

CONTACT

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Steven Kodama, P.Eng.
Director, Transportation Services, Etobicoke York District

ATTACHMENTS

1. Appendix A: Warrant for All-Way Stop Control
2. Location Plan (Rustic Road and Cornelius Parkway)

APPENDIX A

Warrant for All-Way Stop Control

Study location: Rustic Road and Cornelius Parkway

Study Date Wednesday, October 25, 2016

Four-Hour Study Period	Total Approach Vehicle Volume	Vehicle/Pedestrian Volume Crossing Major Road	Unit Volume Split Major/Minor Roads
7:30 a.m. to 8:30 a.m.	173	35	80/20
8:30 a.m. to 9:30 a.m.	189	54	72/28
3:00 p.m. to 4:00 p.m.	179	57	68/32
4:00 p.m. to 5:00 p.m.	143	34	76/24
Study Period Average	171	45	74/26
Warrant Requirements For Study Period Average	≥ 375	≥ 150	≥ 30/70 or ≤ 70/30

To warrant the installation of an all-way stop control, the traffic volume requirements for the “Study Period Average” must be completely satisfied in either of the following two combinations of the above three categories:

“Total Approach Vehicle Volume” and “Unit Volume Split – Major/Minor Roads”

or

“Vehicle/Pedestrian Volume Crossing Major Road” and “Unit Volume Split - Major/Minor Roads"

Area Map (Rustic Road and Cornelius Parkway)

