COMMITTEE OF THE WHOLE – MARCH 3, 2003

CLARENCE STREET AND AVDELL AVENUE/CROFTERS ROAD
PROPOSED ALLWAY STOP CONTROL

Recommendation

The Commissioner of Engineering and Public Works recommends:

That an allway stop control not be installed at the intersection of Clarence Street and Avdell Avenue/Crofters Road.

Purpose

To review the feasibility of implementing an allway stop control at the intersection of Clarence Street and Avdell Avenue/Crofters Road, in response to requests received from area residents.

Background - Analysis and Options

Clarence Street is a two lane collector type roadway with an existing speed limit of 50 km/h. Avdell Avenue and Crofters Road are feeder type roadways with an existing speed limit of 50 km/h. The existing stop controls are located on Avdell Avenue and Crofters Road. There are existing allway stop controls on Clarence Street at Thomson Creek Boulevard/Woburn Drive and Wycliffe Avenue . (Refer to Attachment No. 1.)

Staff conducted a traffic count at the intersection on January 14, 2003 during the morning and evening peak travel periods. The times counted were 7:30 am to 9:00 am and 4:00 pm to 6:00 pm. The traffic volumes from Avdell Avenue and Crofters Road are low. Based on the study, only 55 percent of the Provincial allway stop control warrant is met.

There are no sight distance restrictions noted at the intersection. Staff reviewed the vehicle collision history at the intersection and there are no reported vehicle collisions.

Conclusion

Based on this review, it is recommended that an allway stop control not be installed at the intersection of Clarence Street and Avdell Avenue/Crofters Road.

Attachments

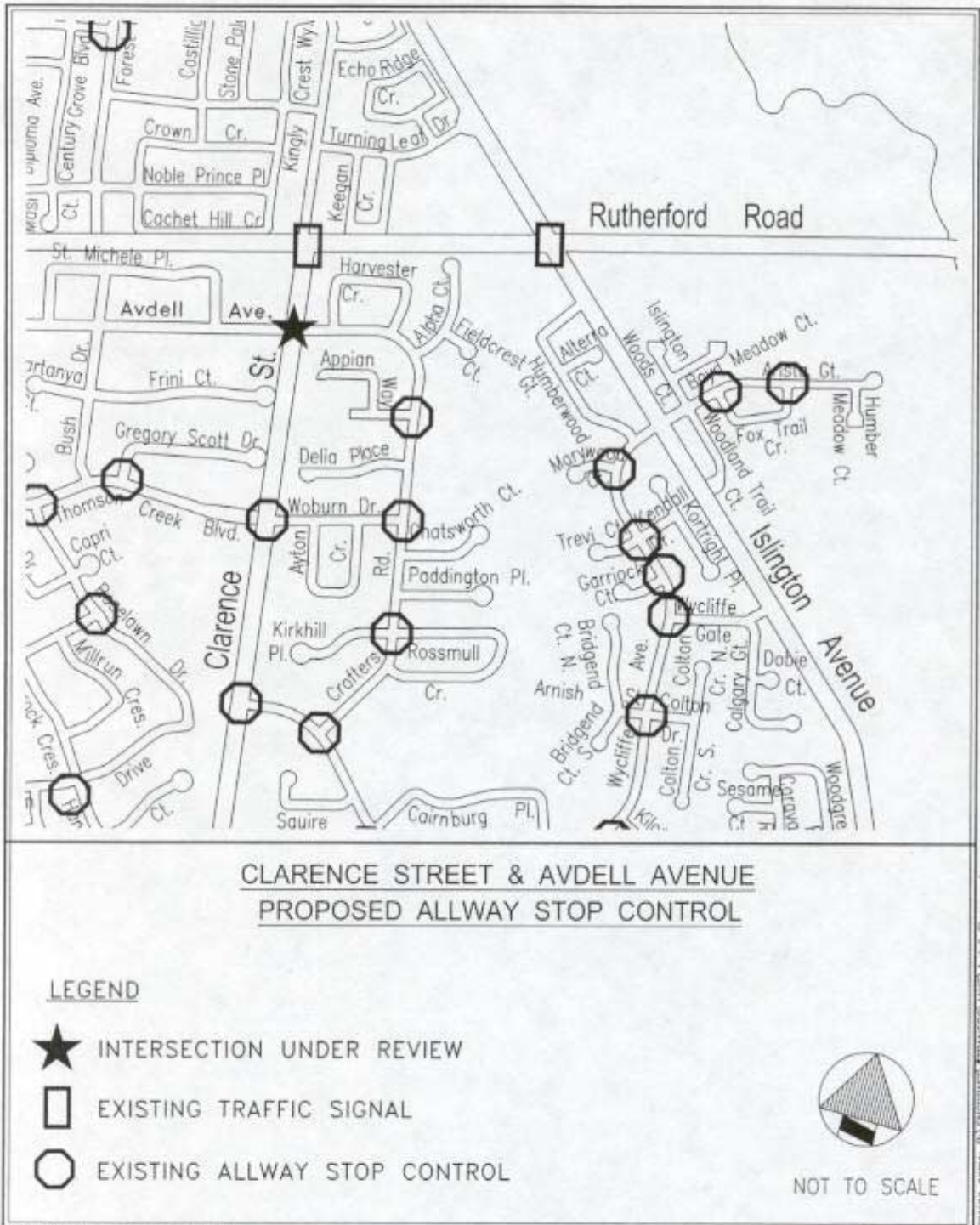1.   Location Map

Report prepared by

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Respectfully submitted,

Bill Robinson, P. Eng.
Commissioner of Engineering and Public Works

MD/fc

ATTACHMENT No. 1

CLARENCE STREET & AVDELL AVENUE
PROPOSED ALLWAY STOP CONTROL

LEGEND

★ INTERSECTION UNDER REVIEW

☐ EXISTING TRAFFIC SIGNAL

○ EXISTING ALLWAY STOP CONTROL

NOT TO SCALE

CITY OF VAUGHAN — ENGINEERING DEPARTMENT