

COMMITTEE OF THE WHOLE - JANUARY 21, 2002

CLARENCE STREET AND MODESTO GARDENS PROPOSED ALLWAY STOP CONTROL

Recommendation

The Commissioner of Development Services and Public Works recommends:

That an allway stop control not be installed at the intersection of Clarence Street and Modesto Gardens.

Purpose

To review the feasibility of implementing an allway stop control at the intersection of Clarence Street and Modesto Gardens, in response to requests received from area residents.

Background - Analysis and Options

At its meeting on November 12, 2001, Council adopted the following recommendation of the Committee of the Whole:

"That a Staff Report to explore the possibility of placing an allway stop sign at Modesto Gardens and Clarence Street be prepared."

Clarence Street is a two lane collector type roadway with a statutory speed limit of 50 km/hr. Modesto Gardens is a local cul-de-sac roadway with 25 residential homes. Cromdale Ridge which connects to Modesto Gardens has 20 residential homes. Clarence Street and Modesto Gardens create a tee intersection with the existing stop control on Modesto Gardens. (Refer to Attachment No. 1.)

Residents expressed concerns that during the peak travel time periods it is difficult to make the northbound left turn into Modesto Gardens, and that there is a sight visibility problem for motorists on Modesto Gardens looking south along Clarence Street.

Staff conducted a traffic count at the intersection on December 5, 2001 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 Modesto Gardens are low. Based on the study, only 13 percent of the Provincial allway stop control warrant is met.

During the study period, there were no delays entering or exiting from Modesto Gardens as sufficient vehicle gaps were provided in the traffic flow on Clarence Street. Sufficient sight distance is available for motorists turning onto Clarence Street from Modesto Gardens.

Conclusion

Based on our review, it is recommended that an allway stop control not be installed at the intersection of Clarence Street and Modesto Gardens.

Attachments

1. Location Map

Report prepared by

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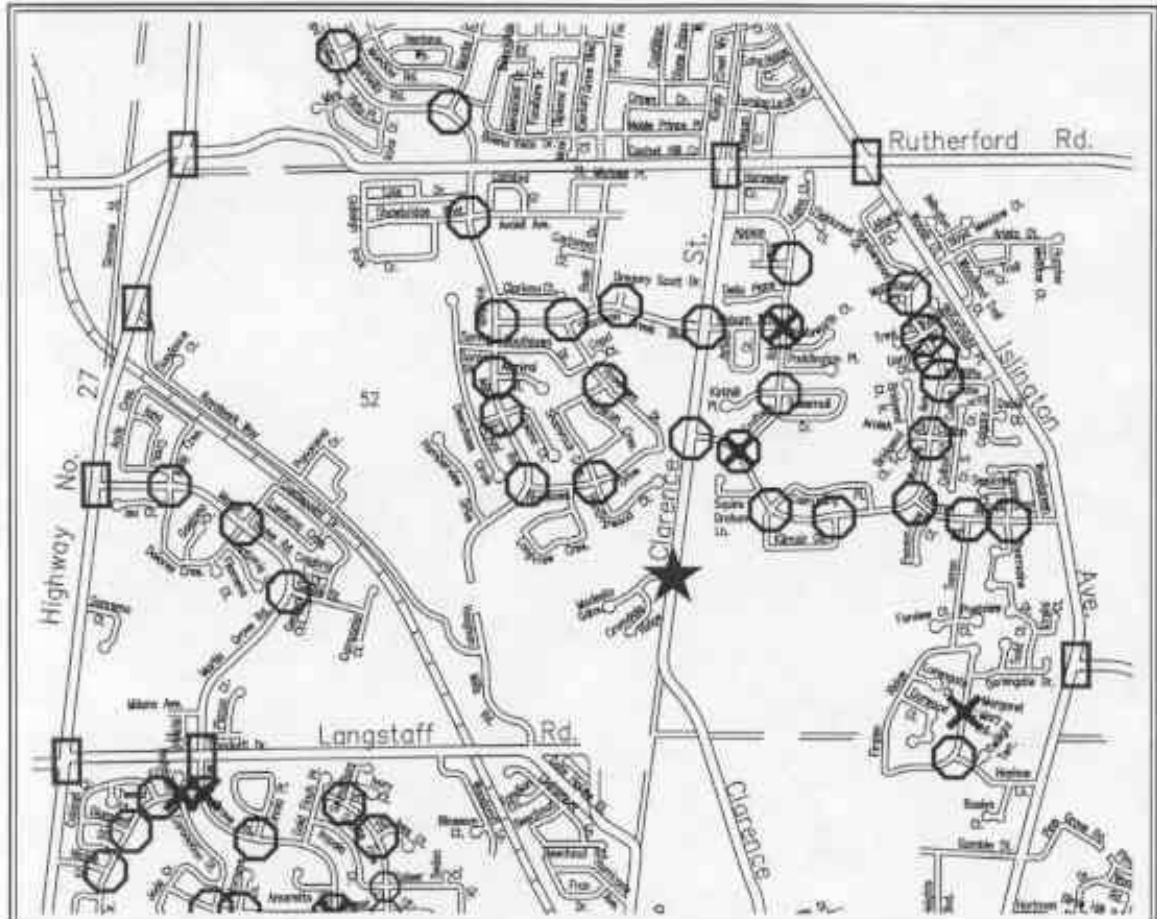
Respectfully submitted,

FRANK MIELE
Commissioner of Development Services
and Public Works

Bill Robinson, P. Eng.
Executive Director of City Engineering
and Public Works





MD/mr

ATTACHMENT No. 1



CLARENCE STREET AND MODESTO GARDENS PROPOSED ALLWAY STOP CONTROL

LEGEND

-  INTERSECTION UNDER REVIEW
-  EXISTING TRAFFIC SIGNALS
-  EXISTING ALLWAY STOP CONTROL
-  EXISTING ADULT SUPERVISED SCHOOLCROSSING



NOT TO SCALE

CITY OF WALSHAM — ENGINEERING DEPARTMENT

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