

COMMITTEE OF THE WHOLE – MAY 6, 2002

CONCORD ROAD AND LAWRIE ROAD PROPOSED ALLWAY STOP CONTROL

Recommendation

The Commissioner, Development Services recommends:

That an allway stop control not be installed at the intersection of Concord Road and Lawrie Road.

Purpose

To review the feasibility of implementing an allway stop control at the intersection of Concord Road and Lawrie Road, in response to requests received from area residents.

Background - Analysis and Options

Concord Road is a two lane feeder type roadway with an existing posted speed limit of 40 km/hr. Lawrie Road is a local roadway. The roadways create a four-way intersection with the existing stop controls on Lawrie Road. There is an existing allway stop control at the intersection of Beverly Glen Boulevard and Concord Road and existing traffic signals at the intersection of Centre Street and Concord Road. (Refer to Attachment No. 1.)

Residents expressed concerns regarding the vehicle speeds on Concord Road approaching the existing traffic signals at the Centre Street/Concord Road intersection and overall safety in the area.

Staff conducted a traffic count at the intersection on February 5, 2002 during the morning and evening peak travel periods. The times counted were 7:30 am to 9:30 am and 3:45 pm to 5:45 pm. The traffic volumes from Lawrie Road are low. Lawrie Road connects to Vaughan Boulevard that provides an alternate route to exit the subdivision. Based on the study, only 46 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.

Staff conducted speed studies on Concord Road during the morning and evening peak travel periods. The average speed on the roadway was between 46 km/hr and 50 km/hr.

Conclusion

Based on this review, it is recommended that an allway stop control not be installed at the intersection of Concord Road and Lawrie Road.

Attachments

1. Location Map

Report prepared by

Mike Dokman, Senior Transportation Technologist, ext 8031
Phil Weber, Transportation Engineering, ext. 8264
Brendan Holly, Senior Manager Development/Transportation Engineering, ext 8250

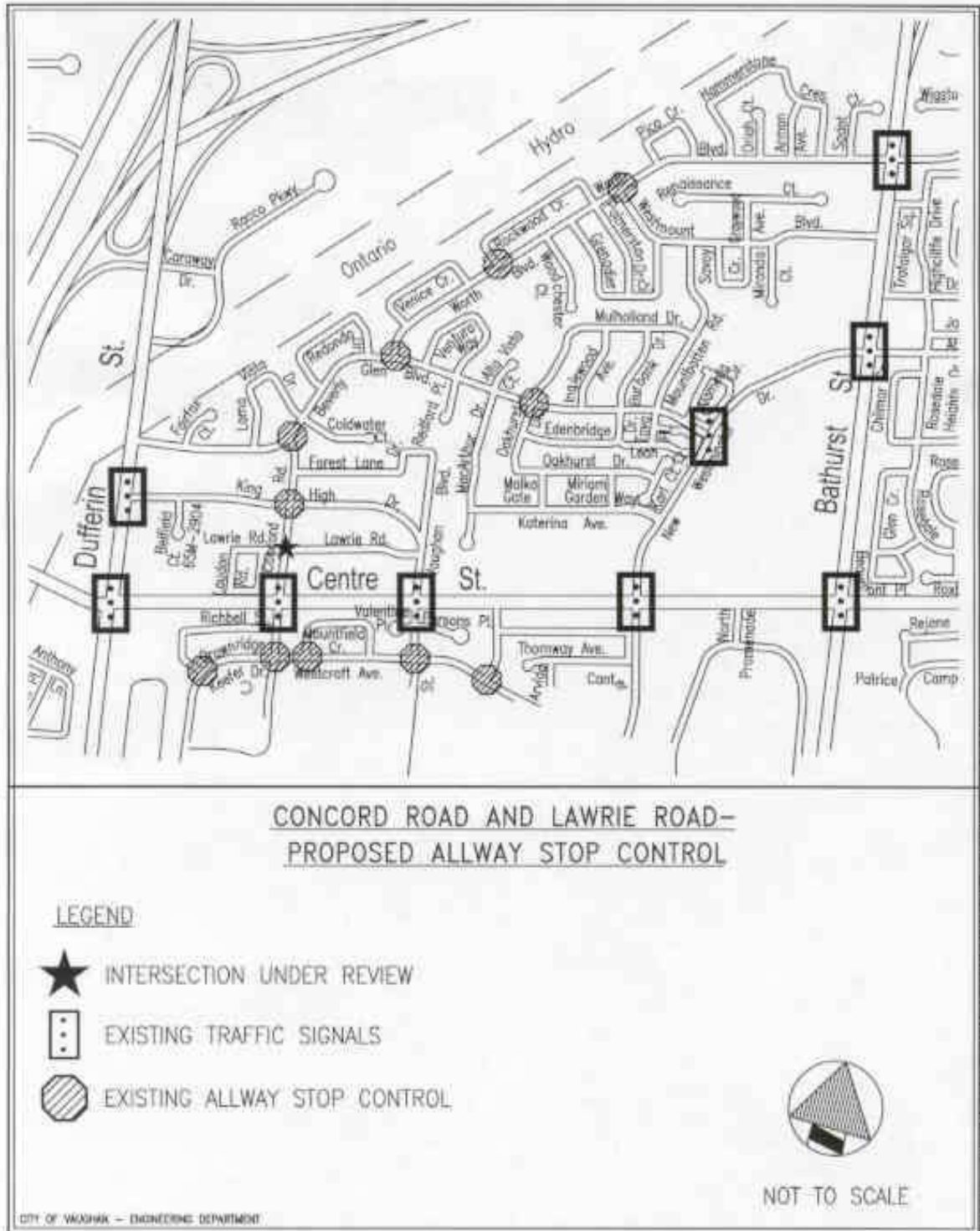
Respectfully submitted,

FRANK MIELE
Commissioner, Development Services

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

MD/mr

ATTACHMENT No. 1



Drawing name: H:\D0026077\750500\ATTACH\CONCORD AND LAWRIE INTERSECTION REVIEW.dwg