

COMMITTEE OF THE WHOLE – AUGUST 19, 2002

LA ROCCA AVENUE AND FOSSIL HILL DRIVE PROPOSED ALLWAY STOP CONTROL

Recommendation

The Commissioner of Engineering and Public Works recommends:

That an allway stop control be installed at the intersection of La Rocca Avenue and Fossil Hill Drive.

Purpose

To review the feasibility of implementing an allway stop control at the intersection of La Rocca Avenue and Fossil Hill Drive, in response to requests received from area residents.

Background - Analysis and Options

La Rocca Avenue and Fossil Hill Drive are both collector roadways with an existing unposted speed limit of 50 km/h. The roadways create a four-way intersection with the existing stop controls on Fossil Hill Drive. (Refer to Attachment No. 1.)

Residents have expressed concerns regarding high traffic volumes at the intersection of La Rocca Avenue and Fossil Hill Drive, citing the lack of an all-way stop control and overall safety in the area.

In response, staff conducted a traffic count at the intersection on June 12, 2002 during the morning and evening peak travel periods. The times counted were 7:30 am to 9:00 am and 3:30 pm to 5:30 pm. Based on the study, 97 percent of the Provincial allway stop control warrant is met, but with new development including a new school to be constructed in the vicinity, the warrant should be 100 percent satisfied later this year.

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 be installed at the intersection of La Rocca Avenue and Fossil Hill Drive.

Attachments

1. Location Map

Report prepared by

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Respectfully submitted,

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


MR/fc

ATTACHMENT No. 1



LA ROCCA AVENUE / FOSSIL HILL DRIVE PROPOSED ALLWAY STOP CONTROL

LEGEND

 PROPOSED ALLWAY STOP CONTROL



CITY OF VAUGHAN -- ENGINEERING DEPARTMENT

NOT TO SCALE

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