

COMMITTEE OF THE WHOLE – APRIL 19, 2004

LA ROCCA AVENUE AND BOLOGNA ROAD PROPOSED ALL-WAY STOP CONTROL

Recommendation

The Commissioner of Engineering and Public Works recommends:

That an all-way stop control be installed at the intersection of La Rocca Avenue and Bologna Road.

Purpose

To review the feasibility of implementing an all-way stop control at the intersection of La Rocca Avenue and Bologna Road, in response to direction from Council.

Background - Analysis and Options

At its meeting of February 9, 2004, Council directed:

“That Engineering Staff be directed to provide a report, to a future Committee of the Whole meeting as soon as possible, on the feasibility of implementing an all-way stop at the intersection of La Rocca Avenue and Bologna Road in response to the requests received from area residents.”

La Rocca Avenue is designed as a two-lane feeder type roadway with an existing posted speed limit of 40 km/h. Bologna Road is a local roadway with a statutory speed limit of 50 km/h. Existing stop sign controls are located on Bologna Road. St. Agnes of Assisi Elementary School is located on the north side of La Rocca Avenue, west of the intersection. The area is shown on Attachment No. 1.

Staff conducted a turning movement count on March 4, 2004 at the intersection during peak travel periods. The times the counts were conducted were from 7:30 am to 9:00 am and 3:00 pm to 5:30 pm. The collected traffic volumes compared to the Provincial Warrant for All-Way Stop Control are as shown below:

- | | |
|---|----------------|
| • Warrant 1 – Minimum Vehicular Volumes | Warranted 100% |
| • Warrant 2 – Accident Hazard | Warranted 0% |
| • Warrant 3 – Sight Restrictions | Warranted 0% |

For an all-way stop control to be warranted, one or more of the 3 warrants must be satisfied 100% or more. The results of the turning movement count meet the requirements of the Provincial Warrant for All-Way Stop Control.

There are no sight distance restrictions noted at the intersection. Staff reviewed the vehicle collision history at the intersection over the last three year time period and there are no reported vehicle collisions.

Relationship to Vaughan Vision 2007

This traffic study is consistent with Vaughan Vision 2007 as to identify and implement innovative traffic management alternatives to improve general traffic safety (1.1.3).

This report is consistent with the priorities previously set by Council and the necessary resources have been allocated and approved.

Conclusion

Based on staff's review, it is recommended that an all-way stop control be installed at the intersection of La Rocca Avenue and Bologna Road.

Attachments

1. Location Map

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Respectfully submitted,

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ATTACHMENT No. 1

