

COMMITTEE OF THE WHOLE – APRIL 19, 2004

RUSSET WAY AND BURGOSA COURT PROPOSED ALL-WAY STOP CONTROL

Recommendation

The Commissioner of Engineering and Public Works recommends:

That an all-way stop control not be installed at the intersection of Russet Way and Burgosa Court.

Purpose

To review the feasibility of implementing an all-way stop control at the intersection of Russet Way and Burgosa Court, in response to direction from Council.

Background - Analysis and Options

At its meeting of February 23, 2004, Council directed:

- “1. That the City of Vaughan receives the petition from the residents of Russet Way at Burgosa.**
- 2. That the City of Vaughan Engineering Department review the request of the installation of a three-way stop at the proposed location and report back to a further Committee of the Whole within the next month.”**

Russet Way and Burgosa Court are local roads with statutory speed limits of 50 km/h. The roadways create a tee-intersection with the existing stop control on Burgosa Court. The area is shown on Attachment No. 1. The timing of this report reflects the schedule of available Committee meetings.

Staff conducted a turning movement count on March 11, 2004 at the intersection during peak travel periods. The times that the counts were conducted were from 7:30 am to 9:00 am and 4:00 pm to 6:00 pm. The collected traffic volumes compared to the Provincial Warrants for All-Way Stop Control are as shown below:

- | | |
|---|---------------|
| • Warrant 1 – Minimum Vehicular Volumes | Warranted 30% |
| • 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 counts do not meet the requirements of the Provincial Warrant for an 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).

The 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 not be installed at the intersection of Russet Way and Burgosa Court.

Attachments

1. Location Map

Report prepared by

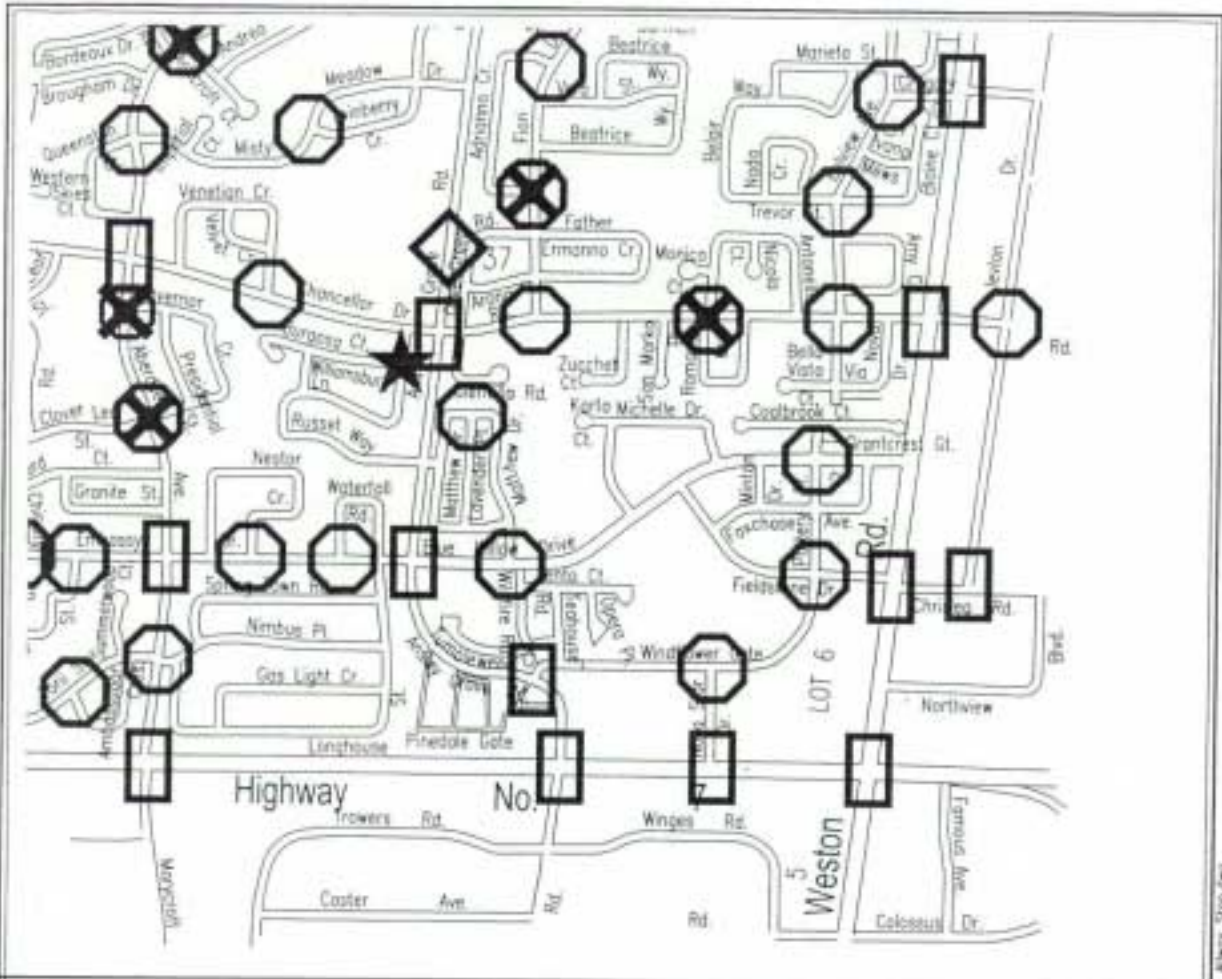
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Respectfully submitted,

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





Michael Won, P. Eng.
Director of Development/Transportation
Engineering

ATTACHMENT No. 1



RUSSET WAY AND BURGOSA COURT PROPOSED ALL-WAY STOP CONTROL

LEGEND

-  PROPOSED ALL-WAY STOP CONTROL
-  EXISTING TRAFFIC SIGNALS
-  EXISTING ALL-WAY STOP CONTROL
-  EXISTING SUPERVISED SCHOOLCROSSING



NOT TO SCALE