

COMMITTEE OF THE WHOLE – NOVEMBER 19, 2007

**CITYVIEW BOULEVARD AND RETREAT BOULEVARD
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 Cityview Boulevard and Retreat Boulevard.

Economic Impact

The cost to install the stop signs and pavement markings would be an initial impact on the 2007 Operating Budget, and the costs to maintain the signs and pavement markings would have an impact to future Operating Budgets.

Communications Plan

Staff will notify the residents and Ward Sub-Committee of the outcome of this report.

Purpose

To review the feasibility of implementing an all-way stop control at the intersection of Cityview Boulevard and Retreat Boulevard.

Background - Analysis and Options

Engineering Services staff received a resident request to review the traffic activity at the Cityview Boulevard and Retreat Boulevard intersection. The predominant land use along Cityview Boulevard and Retreat Boulevard is commercial/industrial and residential in nature, respectively. Retreat Boulevard and Cityview Boulevard are both feeder roadways with a 23 metre right-of-way and 11.5m pavement width. The existing stop control is located on Retreat Boulevard. The area is shown in Attachment No.1.

Staff conducted a turning movement count on Tuesday, October 16, 2007 at the intersection of Cityview Boulevard and Retreat Boulevard during the morning and afternoon peak time periods of 7:00 am to 9:00 am, and 4:00 pm to 6:00 pm. The weather was partly cloudy. The data collected was compared to the Provincial Warrant for All-way Stop Control with the following results:

Warrant 1 – Minimum Vehicular Volumes	Warranted	95%
Warrant 2 – Accident Hazard	Warranted	0%
Warrant 3 – Sight Restriction	Warranted	0%

All-way stop controls are recommended when one of the above warrants are satisfied to 100% or more. There have been no reported collisions from June 2005 through to June 2006, the last year for which collision data is available, at this intersection susceptible to prevention by implementing all-way stop control. There are no site restrictions at this intersection. According to the results above, this intersection does not meet the minimum requirements of the warrant.

Staff however believes it would be beneficial to install an all-way stop control at the intersection of Cityview Boulevard and Retreat Boulevard. The warrant requires 120 vehicles from the side street. Staff recorded 114 vehicles entering the intersection from the side street, only 6 vehicles below the criteria in the All-Way Stop Warrant. Since the 6 vehicles to meet the warrant could be met at anytime it would be beneficial to install the all-way stop control at this time.

Staff have received requests to review the parking activity on Cityview Boulevard. Cityview Boulevard is an industrial/commercial roadway with no residential homes that front directly onto Cityview Boulevard. Staff will monitor the parking activity on Cityview Boulevard over the next several months when development and occupancy is occurring. Once the review is complete, staff will bring a report to an upcoming Committee of the Whole meeting with the findings of the review.

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.

Regional Implications

Not Applicable.

Conclusion

Based on staff's review, it is recommended that all-way stop control be installed at the intersection of Cityview Boulevard and Retreat Boulevard.

Attachments

1. Location Map

Report prepared by:

Leslie Winfrow, Senior Traffic Technologist, Ext. 3131
Mike Dokman, Supervisor Traffic Engineering, Ext. 3118

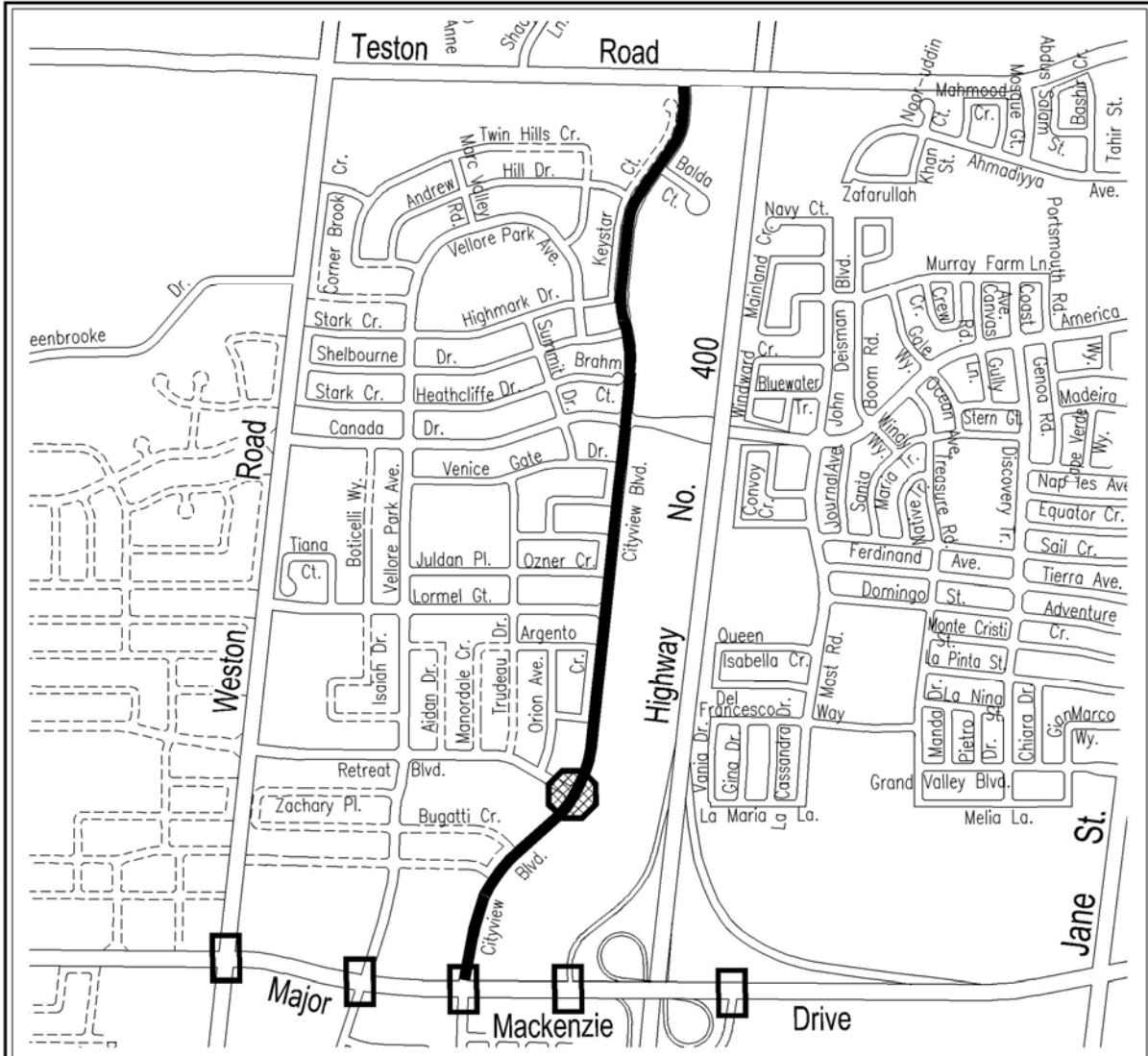
Respectfully submitted,

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

Gary P. Carroll, P. Eng.
Director of Engineering Services




LW:mc

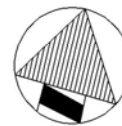
ATTACHMENT No. 1



CITYVIEW BOULEVARD

LEGEND

-  ROADWAY UNDER REVIEW
-  PROPOSED ALLWAY STOP CONTROL
-  EXISTING TRAFFIC SIGNALS



NOT TO SCALE