

COMMITTEE OF THE WHOLE – NOVEMBER 1, 2004

MONTE CARLO DRIVE AND MONDAVI ROAD 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 Monte Carlo Drive and Mondavi Road.

Purpose

To review the feasibility of implementing an all-way stop control at the intersection of Monte Carlo Drive and Mondavi Road, in response to direction from Council.

Background - Analysis and Options

At its meeting on October 25, 2004 Council directed:

“That Staff be requested to investigate the need for and feasibility of installing an all-way stop control at Monte Carlo Drive and Mondavi Road and to report to the Committee of the Whole meeting of November 1, 2004.

Monte Carlo Drive and Mondavi Road are local residential roads. The speed limit on both streets is a statutory 50 km/h. The existing stop control is located on Mondavi Road. The area street network is shown on Attachment No. 1.

Staff conducted a turning movement count on October 26, 2004 at the subject intersection during peak travel periods. The traffic count was conducted from 7:00am to 9:00am and 4:00pm to 6:00pm. The collected traffic volumes compared to the Provincial Warrant for All-way Stop Control are as shown below.

- | | |
|---|---------------|
| • Warrant 1 – Minimum Vehicular Volumes | Warranted 20% |
| • Warrant 2 – Accident Hazard | Warranted 0% |
| • Warrant 3 – Sight Restriction | Warranted 0% |

For an all-way stop control to be warranted, one or more of the three warrants must be satisfied 100% or greater. The results of the turning movement count do not meet the requirements of the Provincial Warrant for All-Way Stop Control. The above results reflect the highest peak traffic hour at this intersection.

There are no sight distance restrictions noted at this intersection. There were also no reported vehicle collisions at this intersection. Monte Carlo Drive is designated as a through street with the stop control located on Mondavi Road.

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 not be installed at the intersection of Monte Carlo Drive and Mondavi Road.

Attachments

1. Location Map

Report prepared by

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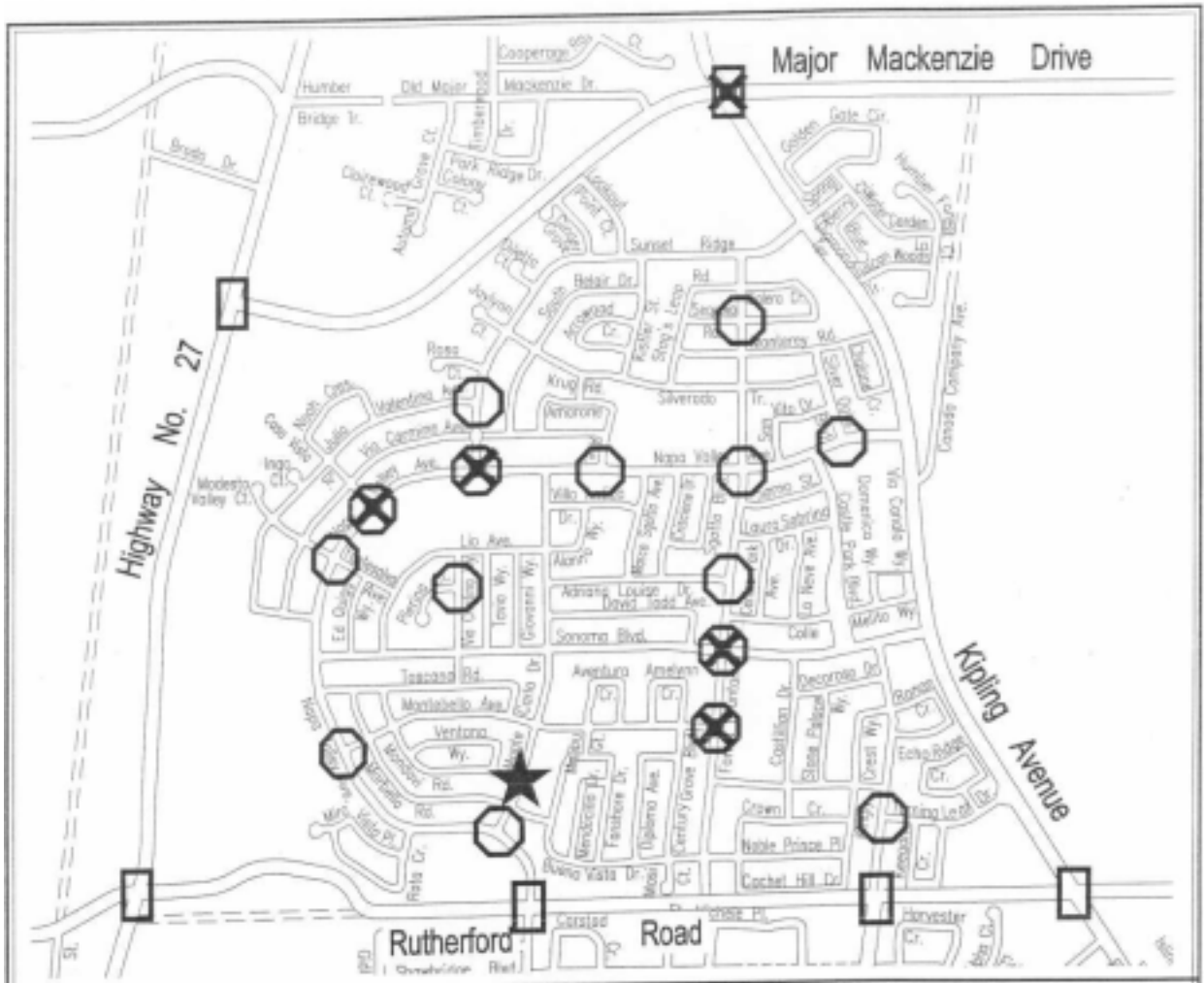
Respectfully submitted,

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

Gary Carroll, P. Eng.
Director of Engineering Services





:MR

ATTACHMENT No. 1



MONTE CARLO DRIVE & MONDAVI ROAD PROPOSED ALL-WAY STOP CONTROL

LEGEND

-  INTERSECTION UNDER REVIEW
-  EXISTING TRAFFIC SIGNALS
-  EXISTING ALL-WAY STOP CONTROL
-  EXISTING SUPERVISED SCHOOLCROSSING



NOT TO SCALE

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