

COMMITTEE OF THE WHOLE – JUNE 18, 2007

**FLAMINGO ROAD AND GOLFER'S GATE / OKLAHOMA GATE
ALL-WAY STOP CONTROL REVIEW**

Recommendation

The Commissioner of Engineering and Public Works recommends:

That the existing all-way stop control remain at the intersection of Flamingo Road and Golfer's Gate / Oklahoma Gate.

Economic Impact

None.

Communications Plan

Not Applicable.

Purpose

To review the current all-way stop control at the intersection of Flamingo Road and Golfer's Gate / Oklahoma Gate.

Background - Analysis and Options

At the April 30, 2001 Council Meeting, Staff recommended:

“That staff monitor the intersection of Flamingo Road and Golfer's Gate / Oklahoma Gate once the internal subdivision to the east of Golfer's Gate is at full occupancy and report back to Committee of the Whole at that time.”

The subdivision is now at full occupancy. An all-way stop control is in place at the intersection of Flamingo Road and Golfer's Gate / Oklahoma Gate. Refer to Attachment No. 1.

Staff conducted a turning movement count on Wednesday, May 2, 2007, at the intersection of Flamingo Road and Golfer's Gate / Oklahoma Gate during the morning and afternoon peak time periods of 7:00 a.m. to 9:00 a.m., and 3:00 p.m. to 6:00 p.m. On the day of the traffic study the weather was sunny and clear. The data collected was compared to the Provincial Warrant for All-Way Stop Control with the following results:

- | | | |
|---|-----------|-----|
| • Warrant 1 – Minimum Vehicular Volumes | Warranted | 88% |
| • 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. There are no sight 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 for the all-way stop control to remain at the intersection of Flamingo Road and Golfer's Gate / Oklahoma Gate. The warrant requires 120 vehicles from the side street. Staff recorded 105 vehicles entering the intersection from the side

streets, only 15 vehicles below the criteria in the All-Way Stop Warrant. Since the 15 vehicles to meet the warrant could be met at anytime it would be beneficial to that the all-way stop control remain at this intersection.

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 the all-way stop control remain at the intersection of Flamingo Road and Golfer's Gate / Oklahoma Gate.

Attachments

1. Location Map

Report prepared by:

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

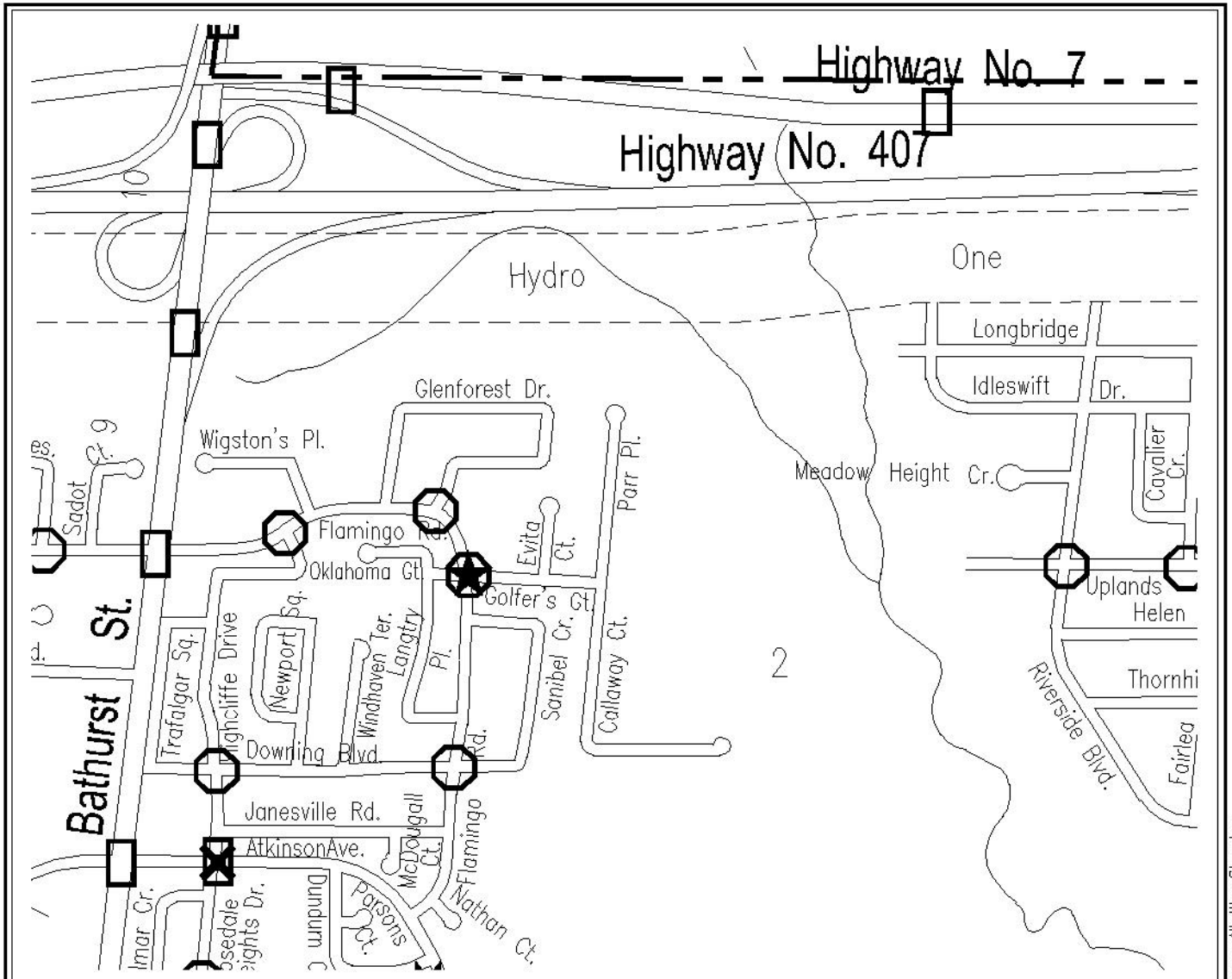
Respectfully submitted,

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

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





LW:mc

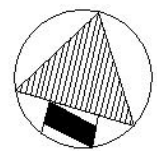
ATTACHMENT No. 1



FLAMINGO ROAD & GOLFER'S GATE / OKLAHOMA GATE INTERSECTION REVIEW

LEGEND

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



NOT TO SCALE