

COMMITTEE OF THE WHOLE – APRIL 20, 2009

ALLWAY STOP CONTROL – MACARTHUR DRIVE AND KATERINA AVENUE WARD 4

Recommendation

The Commissioner of Engineering and Public Works recommends:

That the necessary by-law be enacted to implement allway stop control at the intersection of MacArthur Drive and Katerina Avenue.

Economic Impact

The cost to install the stop signs and pavement markings can be absorbed in the approved 2009 Operating Budget.

Communications Plan

N/A

Purpose

To resolve traffic operational issues at the intersection of MacArthur Drive and Katerina Avenue.

Background - Analysis and Options

The Beverley Glen Ratepayers' Association, as well as several residents, have expressed concerns regarding traffic control at the intersection of MacArthur Drive and Katerina Avenue. This matter was brought to the attention of Traffic Engineering staff through the offices of Councillor Racco. Katerina Avenue and the portion of MacArthur Drive running northbound from Katerina Avenue were built and occupied first. As such, a single stop sign was placed at Katerina Avenue westbound, at MacArthur Drive, in anticipation of the future tee intersection.

When the MacArthur Drive extension to the south of Katerina Avenue was developed, a second stop sign was placed northbound on MacArthur Drive (see attached sketch). Accordingly, two stop signs exist at the tee intersection. A problem exists in that southbound traffic on MacArthur Drive is not required to stop creating confusion and right of way issues at the intersection.

Traffic Engineering staff have reviewed the situation and have identified that there are three options for the intersection: to remove the stop sign on MacArthur Drive northbound, to leave things as they are, or to install allway stop controls at the intersection.

Residents have indicated that they would prefer to see this intersection as an allway stop control, and Traffic Engineering staff have confirmed that the installation of an allway stop control will not have a negative impact on the traffic operation or safety of the intersection.

Relationship to Vaughan Vision 2020/Strategic Plan

Enhance and Ensure Community Safety, Health & Wellness

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

Regional Implications

None

Conclusion

It is recommended that the installation of a stop sign on MacArthur Drive southbound at Katerina Avenue be approved and the necessary by-law be enacted to implement all way stop control at this intersection.

Attachments

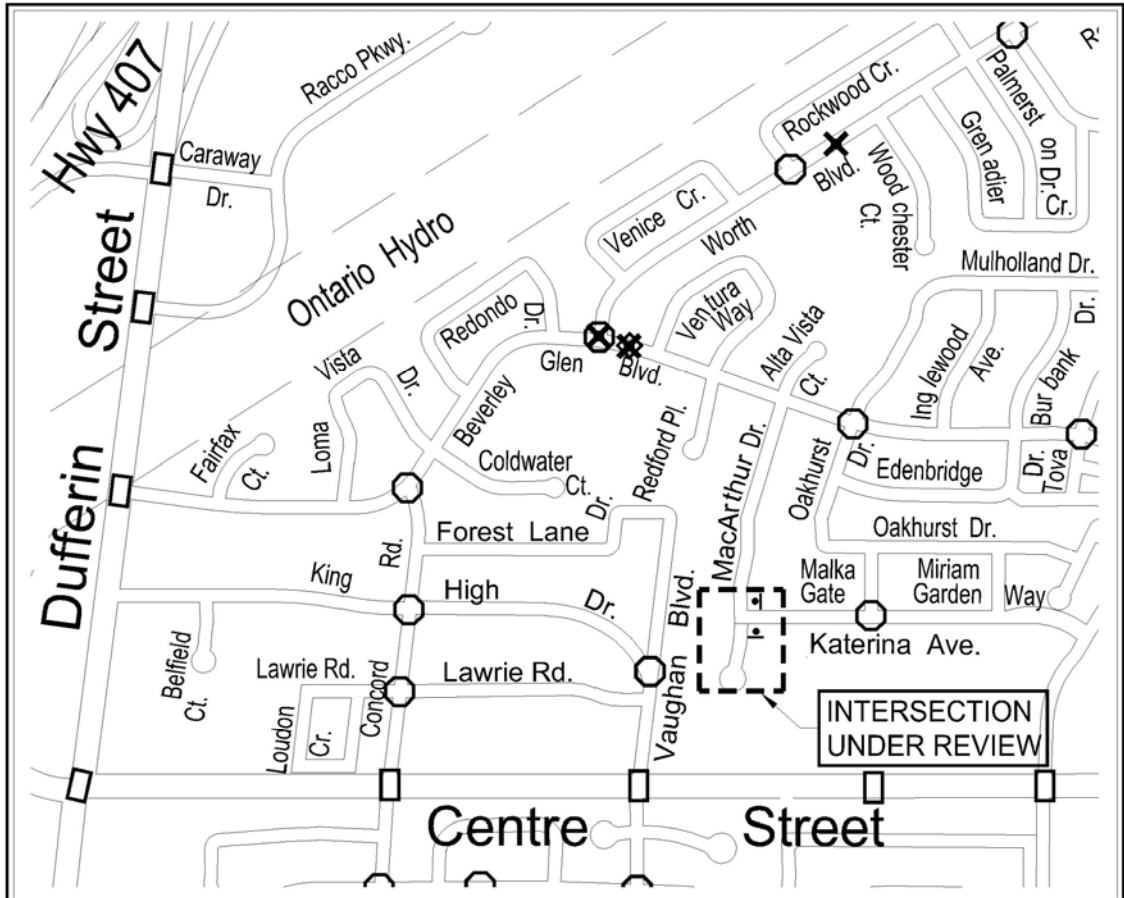
1. Location Plan

Report prepared by:

Respectfully submitted,






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

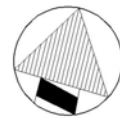
ATTACHMENT No. 1



MacArthur Drive and Katerina Avenue PROPOSED ALL-WAY STOP CONTROL

LEGEND

-  EXISTING TRAFFIC SIGNALS
-  EXISTING ALL-WAY STOP CONTROL
-  EXISTING SUPERVISED SCHOOL CROSSING
-  EXISTING STOP SIGN
-  PEDESTRIAN SIGNAL OR HALF SIGNAL



NOT TO SCALE