

COMMITTEE OF THE WHOLE – NOVEMBER 15, 2004

CENTRE STREET AND DONNA MAE CRESCENT 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 Centre Street and Donna Mae Crescent.

Purpose

To review the feasibility of implementing an all-way stop control at the intersection of Centre Street and Donna Mae Crescent, 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 Centre Street and Donna Mae Court and to report to the Committee of the Whole meeting of November 1, 2004.”

The speed limit on Centre Street from Atkinson Avenue to Yonge Street is posted at 40 km/h, and Donna Mae Crescent is a statutory 50 km/h street. Existing stop controls are located on Donna Mae Crescent at Centre Street. The area is shown on Attachment No. 1.

Residents have reported difficulties in entering Centre Street from Donna Mae Crescent, citing traffic volumes and speeds on Centre Street.

Staff compared the number of housing units on Donna Mae Crescent that have vehicular access with the Provincial Warrant for All-Way Stop Control. Part 1 of the Warrant requires a minimum of 120 vehicles entering the intersection from the minor street(s) during the highest peak traffic hour. Staff used a conservative estimate of one vehicle per unit entering the intersection during the highest peak traffic hour. As the total of housing units is only 15 housing units on this street, Part 1 of the Warrant is not met.

There are no sight distance restrictions noted at this intersection. There are no reported collisions 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 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 Centre Street and Donna Mae Crescent.

Attachments

1. Location Map

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Respectfully submitted,

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Commissioner of Engineering and Public Works

Gary Carroll, P. Eng.
Director of Engineering Services

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ATTACHMENT No. 1

