

COMMITTEE OF THE WHOLE – MAY 21, 2002

KIPLING AVENUE AND BEECHNUT ROAD/GATE HOUSE COURT PROPOSED ALLWAY STOP CONTROL

Recommendation

The Commissioner, Development Services recommends:

That an allway stop control not be installed at the intersection of Kipling Avenue and Beechnut Road/Gate House Court.

Purpose

To review the feasibility of implementing an allway stop control at the intersection of Kipling Avenue and Beechnut Road/Gate House Court, in response to requests received from area residents.

Background - Analysis and Options

This section of Kipling Avenue is designed as a two lane local roadway (20.0 metre right-of-way) with two lanes of travel. Kipling Avenue accommodates collector road type traffic volumes from the existing subdivisions north on Martin Grove Road and Vaughan Mills Road (southerly portion) and through traffic from Highway 27. Beechnut Road and Gate House Court are designed as local roadways with two lanes of travel. Kipling Avenue has a posted speed limit of 40 km/hr. (Refer to Attachment No. 1.)

Residents expressed concerns regarding the vehicle speeds on Kipling Avenue and overall safety in the area.

Staff conducted a traffic count at the intersection on February 21, 2002 during the morning and evening peak travel periods. The times counted were 7:00 am to 9:00 am and 3:00 pm to 5:30 pm. The traffic volumes from Beechnut Road and Gate House Court are low. Based on the study, only 16 percent of the Provincial allway stop control warrant is met. There are no sight distance restrictions noted at the intersection. Staff reviewed the vehicle collision history at the intersection and there are no reported vehicle collisions.

The Vaughan Mills Road Bridge is currently under construction 200 metres to the north. When it is completed this fall further studies will be conducted in the area to determine its impact on traffic operations. The area will include the intersection of Kipling Avenue and Beechnut Road/Gate House Court.

Conclusion

Based on this review, it is recommended that an allway stop control not be installed at the intersection of Kipling Avenue and Beechnut Road/Gate House Court. Further traffic studies will be conducted in the area after completion of the Vaughan Mills Road Bridge.

Attachments

1. Location Map

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Respectfully submitted,

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MD/mr

ATTACHMENT No. 1

