

COMMITTEE OF THE WHOLE – MAY 20, 2003

POSSIBLE TRAFFIC CALMING MEASURES KING HIGH DRIVE, LAWRIE ROAD AND CONCORD ROAD

Recommendation

The Commissioner of Engineering and Public Works recommends:

1. That this report be received for information; and
2. That should Council wish, painted road narrowings be installed along King High Drive, Lawrie Road or Concord Road as part of the City's 2003 Pavement Marking Contract, and that staff monitor these streets should they be installed to determine if any additional measures are necessary.

Purpose

To report on the implications of installing traffic calming measures on King High Drive, Lawrie Road and Concord Road.

Background

At its meeting of March 31, 2003, Council directed;

“That staff evaluate the residents’ alternate option of installing traffic calming measures on King High Drive, Concord Road and Lawrie Road.”

These streets are within the Thornhill Neighbourhood Traffic Committee. The committee was re-established by Council direction in May 2002 to look into traffic calming measures for the area south of Beverley Glen Boulevard, east of Dufferin Street, west of Vaughan Boulevard and north of Centre Street. Refer to Attachment No. 1.

Staff undertook field reviews to determine locations for traffic calming measures that would be feasible. Speed humps, curb extensions and bump outs, and painted road narrowings are all physically possible on King High Drive, Concord Road and Lawrie Road.

It is possible to install speed humps at the following locations:

King High Drive:

- 50 metres east of Dufferin Street;
- west of the driveway at #206 at the walkway to King High Park;
- between #155/#161 and #154/#160;
- between #100/#108 and #101/#111;
- between #70/#76 and #71/#77; and
- 15 metres west of the driveway at #5.

Concord Road:

- 5 metres south of the driveway at #88; and
- opposite properties #50 and #55.

Lawrie Road:

- 40 metres east of Concord Road;
- opposite properties #44 and #45; and

- side yard of #2 and the open lot on the south side of the roadway.

The Engineering Department does not recommend the installation of speed humps on these streets. Prior studies have indicated that that traffic speeds are not excessive, and are consistent with equivalent streets elsewhere in the city. In addition, these streets are considered by the Fire Department to be primary emergency response routes into the subdivision.

The estimated cost of one speed hump constructed entirely out of asphalt is \$5,000. Should they be constructed out of asphalt and coloured impressed concrete, then the estimated cost is \$8,000 each. Whenever speed humps are installed it is recommended that they be constructed entirely out of asphalt to distinguish them from raised crosswalks in accordance with the City's Traffic Calming Standard Drawings.

Although it is possible to install a total of 11 speed humps on King High Drive, Lawrie Road and Concord Road, speed humps are not normally constructed at every possible location. Should speed humps be desired, 4 to 6 would be more in keeping with an area of this size.

Curb extensions can be accommodated at the intersections of King High Drive and Concord Road and Concord Road and Lawrie Road. The estimated cost to install curb extensions at both intersections is \$28,000.

King High Drive, Concord Road and Lawrie Road can each accommodate a number of curb bump outs. The cost of any curb bump outs would be determined based on the exact number to be installed and their size. The estimated cost of one curb bump out is \$3,500.

Painted road narrowings have proven to be a cost-effective means of slowing motorists on such streets as Brownridge Drive, Melville Avenue and Barrhill Road. Should Council wish, they can be installed along King High Drive, Lawrie Road and Concord Road as part of the City's 2003 Pavement Marking Contract. The estimated cost to provide painted road narrowings along all three streets is \$2,800.

Environmental Assessment Act Requirements

As now required under the Environmental Assessment Act, whenever traffic calming measures are installed or removed a Schedule B Environmental Assessment process must be followed. This process requires public notification and consultation, the identification of alternates, and the filing of a Notice of Completion with the Ontario Ministry of the Environment and publication in local media.

A number of public meetings have been held regarding the re-establishment of the Thornhill Neighbourhood Traffic Committee; however, should traffic calming measures be approved by Council for installation on King High Drive, Lawrie Road or Concord Road, then a Notice of Completion will need to be filed with the Ministry of the Environment and published on the City Page in two separate editions of the Vaughan Citizen. The Notice is the means by which individuals or agencies are informed they have 30 days to request a Part II Order in objection to the project. It is further recommended that letters be mailed to the residents of King High Drive, Lawrie Road and Concord Road should traffic calming measures be approved informing them of their installation.

Conclusion

It is recommended that this report be received for information, and that should Council wish, painted road narrowings be installed along King High Drive, Lawrie Road or Concord Road as part of the City's 2003 Pavement Marking Contract, and that staff monitor these streets should they be installed to determine if any additional measures are necessary.

Attachments

1. Location Map

Report prepared by

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Respectfully submitted,

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MD/fc

ATTACHMENT No. 1

