

COMMITTEE OF THE WHOLE – JUNE 21, 2004

VAUGHAN SPORTS VILLAGE

Recommendation

The Commissioner of Engineering and Public Works recommends:

1. That two speed humps be installed at the Vaughan Sports Village site; and
2. That funds in the amount of \$6,500 for the implementation of two speed humps be set aside from the 2004 Capital Budget (Project No. 1204.0).

Purpose

To report on a concern of traffic cutting through the Vaughan Sports Village site to avoid the traffic signals at Rutherford Road and Melville Avenue/Creditstone Road intersection.

Background - Analysis and Options

Transportation Staff were requested to investigate a problem that vehicles are cutting through the Vaughan Sports Village to bypass the traffic signals at the Rutherford Road and Melville Avenue/Creditstone Road intersection. The Vaughan Sports Village primary access is at the existing traffic signals at Rutherford Road and Rotational Drive. A secondary site access is located on Melville Avenue about 400 metres north of Rutherford Road. (Refer to Attachment No. 1)

Community Services Staff have received complaints about traffic cutting through the Vaughan Sports Village site especially during the AM peak time period. Transportation Staff were requested to investigate this concern and recommend potential solutions.

A traffic infiltration study was conducted on May 21, 2004 during the peak time period of 7:00am to 9:00am to determine if motorists were using the site as a cut-through route to avoid the intersection of Rutherford Road and Melville Avenue. The results of that study are shown below.

Traffic Bypass Description	Number of Cut-through Vehicles	% of Entering Vehicles
Melville Avenue Access to the Rutherford Road Access	138	78%
Rutherford Road Access to the Melville Road Access	50	68%

The above movements are vehicles that enter and leave the Vaughan Sports Village site to avoid the Rutherford Road and Melville Avenue/Creditstone Road intersection. These vehicles are a concern as some are speeding through the site driveways.

The use of speed humps to alleviate the cut-through traffic problem was considered. The practical application of speed humps in this situation is restricted to the confined driveway link on the site versus the open parking lot areas. Motorists could avoid a speed hump if it was located midway on an open parking lot aisle.

Staff reviewed the area and it is possible to install two speed humps on the internal two lane aisle that extends between the site's main parking lots adjacent to the rinks and the remote parking lot located immediately east of Melville Avenue. Two asphalt speed humps located on the narrow

two lane aisle should create a deterrence for cut through traffic at the site. The approximate cost to install two speed humps is \$6,500.

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 properties set by Council and the necessary resources have been allocated and approved.

Conclusion

Based on staff's review, it was determined that there is a cut-through problem occurring at the Vaughan Sports Village site. It may be beneficial to install two speed humps on the internal two lane aisle to reduce the number of cut-through vehicles.

Attachments

1. Location Map

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Respectfully submitted,

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Commissioner of Engineering and Public Works

MG/fc

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ATTACHMENT No. 1

