

**COMMITTEE OF THE WHOLE - SEPTEMBER 18, 2006**

**ENSURING THE SAFETY OF ELDERLY PEDESTRIANS AT VILLA AMICA / VILLA GIARDINO**

**Recommendation**

The Commissioner of Engineering and Public Works recommends:

That an additional speed hump not be installed on the access road to the Vaughan Grove Sports Park.

**Economic Impact**

Not Applicable.

**Purpose**

To investigate the feasibility of installing additional traffic calming measures on the access road to the Vaughan Grove Sports Park, in response to Council direction.

**Background - Analysis and Options**

At its meeting on May 23, 2006 Council directed:

**“ 1. THAT staff be directed to confirm the advisability of placing a speed hump or humps, or any other appropriate traffic calming measure, along the roadway linking Martin Grove Road to Vaughan Grove sports park in the vicinity of Villa Amica / Villa Giardino.”**

This is an access road between Martin Grove Road and the Vaughan Grove Sports Park. This subject road is not dedicated as public highway and the posted speed limit is 30 km/h. There is a 50 year term lease between the province of Ontario and the City of Vaughan. Through an agreement between the City and the Province, road access is allowed for the senior's residences, the children's centre and the sports fields.

There are currently two speed humps on this access road. There is one speed hump located directly outside the front doors of Villa Amica and Villa Giardino, and a second before the parking lot for the Vaughan Grove Sports Park. The roadway is approximately 200 metres in length. Refer to Attachment 1 for area network.

Staff collected speed and volume data from Automatic Traffic Recorders installed on the access road to the Vaughan Grove Sports Park between August 10 and August 14, 2006. The Automatic Traffic Recorders were placed in between the two existing speed humps, along the longest section of the road. The speed and volume data were collected over a 24-hour period as summarized below:

DATE	DIRECTION	AVERAGE SPEED	TOTAL VOLUME
August 10, 2006 - August 11, 2006(weekday)	Eastbound	28 km/h	319 vehicles
	Westbound	24 km/h	364 vehicles
August 11, 2006 - August 14, 2006 (weekend)	Eastbound	29 km/h	1098 vehicles
	Westbound	26 km/h	1251 vehicles

As these studies show, the average vehicle speeds on both the weekday and the weekend range from 24 km/h to 29 km/h., below the posted speed limit of 30 km/h.

Staff has had an opportunity to review the traffic volume data collected by Ontario Traffic Inc. (OTI) in support of the deputation of Mrs. Domenica Michela. The collected volumes on the access road can be accommodated with the surrounding land uses and are comparable to the volumes collected by City staff.

Since the access road is not dedicated as a Public Highway, the City warrant for the installation of speed humps should be used as a guideline only. A speed hump could be placed between the two existing speed humps. The installation of a speed hump would be subject to approval by City Council.

Pursuant to the deputation of Mrs. Domenica Michela at the September 5, 2006, Committee of the Whole Meeting, an additional information item addressing various other operations and maintenance concerns will be presented separately at the September 18, 2006, Committee of the Whole Meeting.

### **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 additional speed hump not be installed on the access road to the Vaughan Grove Sports Park.

### **Attachments**

1. Location Map

### **Report prepared by:**

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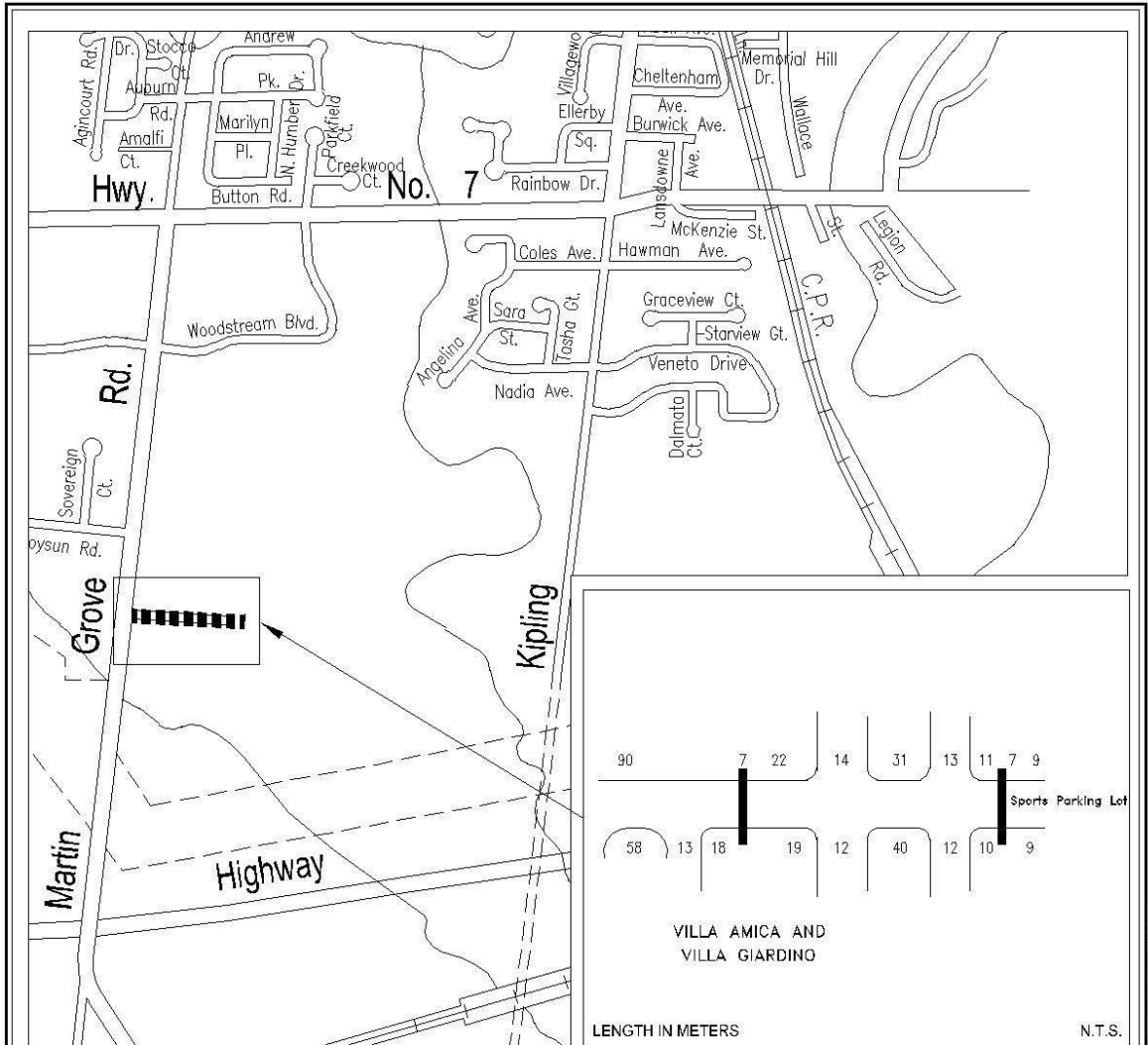
Respectfully submitted,

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

Gary Carroll, P. Eng.  
Director of Engineering Services

LW:mc

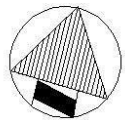
# ATTACHMENT No. 1



## VAUGHAN GROVE SPORTS PARK ROADWAY UNDER REVIEW

### LEGEND

-  ROADWAY UNDER REVIEW
-  EXISTING SPEED HUMP



NOT TO SCALE