

**COMMITTEE OF THE WHOLE - SEPTEMBER 5, 2006**

**ROSELAWN DRIVE  
REQUEST FOR SPEED HUMPS**

**Recommendation**

The Commissioner of Engineering and Public Works recommends:

That speed humps **not** be installed on Roselawn Drive between Vaughan Mills Road and Huntington Court.

**Economic Impact**

Not Applicable.

**Purpose**

To review the feasibility of installing speed humps on Roselawn Drive, in response to direction from Council.

**Background - Analysis and Options**

At its meeting on May 8, 2006 Council directed:

**“The Committee of the Whole recommends that the deputation of Ms. Lori Casellano, 6 Longview Crescent, Woodbridge, L4H 1A7, and petition submitted on behalf of area residents, be received and referred to staff for a technical report to be brought forward no later that September 1, 2006.”**

Roselawn Drive is a two-lane, low volume residential roadway with a 20 metre right-of way and a paved travelled surface of 8.5 metres. The existing speed limit on Roselawn Drive is 40 km/h. The area is shown in Attachment No. 1.

Staff conducted radar speed studies on Tuesday, June 20, 2006 from 8:00 a.m. to 9:00 a.m., and from 4:00 p.m. to 5:00 p.m. near 54 Roselawn Drive. The weather on the study day was clear and sunny. The results of these studies have been summarized in the following table:

AM Period			
Direction	Average Speed	85 <sup>th</sup> Percentile Speed	Number of Vehicles
Eastbound	50 km/h	55 km/h	8
Westbound	46 km/h	51 km/h	31
PM Period			
Direction	Average Speed	85 <sup>th</sup> Percentile Speed	Number of Vehicles
Eastbound	49 km/h	56 km/h	38
Westbound	51 km/h	58 km/h	15

The average speeds on Roselawn Drive ranged from 46 km/h to 51 km/h.

In accordance with the Council approved Neighbourhood Traffic Committee Policy and Procedure, speed humps are considered only when the following three warrants are met:

- The street is not a primary emergency response route.
- The speed limit is 50 km/h or less.
- The average speed is 10 km/h greater than the speed limit.

Roselawn Drive is not a primary emergency response route and the posted speed limit is 40 km/h, however overall average speed of the roadway does not exceed the posted speed limit by 10 km/h. Therefore, staff does not recommend the installation of speed humps on Roselawn Drive on the basis of the Traffic Calming Warrant has not been met.

Staff would like to note that during the two hour peak time periods, only 92 vehicles were observed traveling on this section of Roselawn Drive. In addition, a review of the collision history indicates there have been no reported collisions on Roselawn Drive within the past three years.

Should Council wish to proceed with the installation of a speed hump on this section of Roselawn Drive, staff has determined that a speed hump could physically be constructed near # 40 Roselawn Drive.

### **Environmental Assessment Act Requirements**

As 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.

Should Council approve the installation of a speed hump for Roselawn Drive, the City would be required to publish a Notice of Commencement, develop a plan for review by the public and publish a Notice of Completion. The notices would also have to be filed with the Ministry of the Environment and published in editions of the Vaughan Citizen, Lo Specchio and Vaughan Weekly newspapers.

Prior to construction, the City's normal practice is to mail letters to the residents of Roselawn Drive should a speed hump be approved informing the residents of the installation.

### **Relationship to Vaughan Vision 2007**

This traffic study is consistent with Vaughan Vision 2007 as to ensure that the enhancement of safety standards are adhered to (1.1.2) and that effective traffic calming measures meet the City's Neighbourhood Policy and Procedures and Warrants for traffic calming (3.3.1).

This report is consistent with the priorities previously set by Council and the necessary resources have been allocated and approved.

### **Conclusion**

Based on this review, it is recommended that a speed hump not be installed on Roselawn Drive between Vaughan Mills Road and Huntington Court.

### **Attachments**

1. Location Map.
2. Petition – Mayor and Members of Council (Only)

**Report prepared by:**

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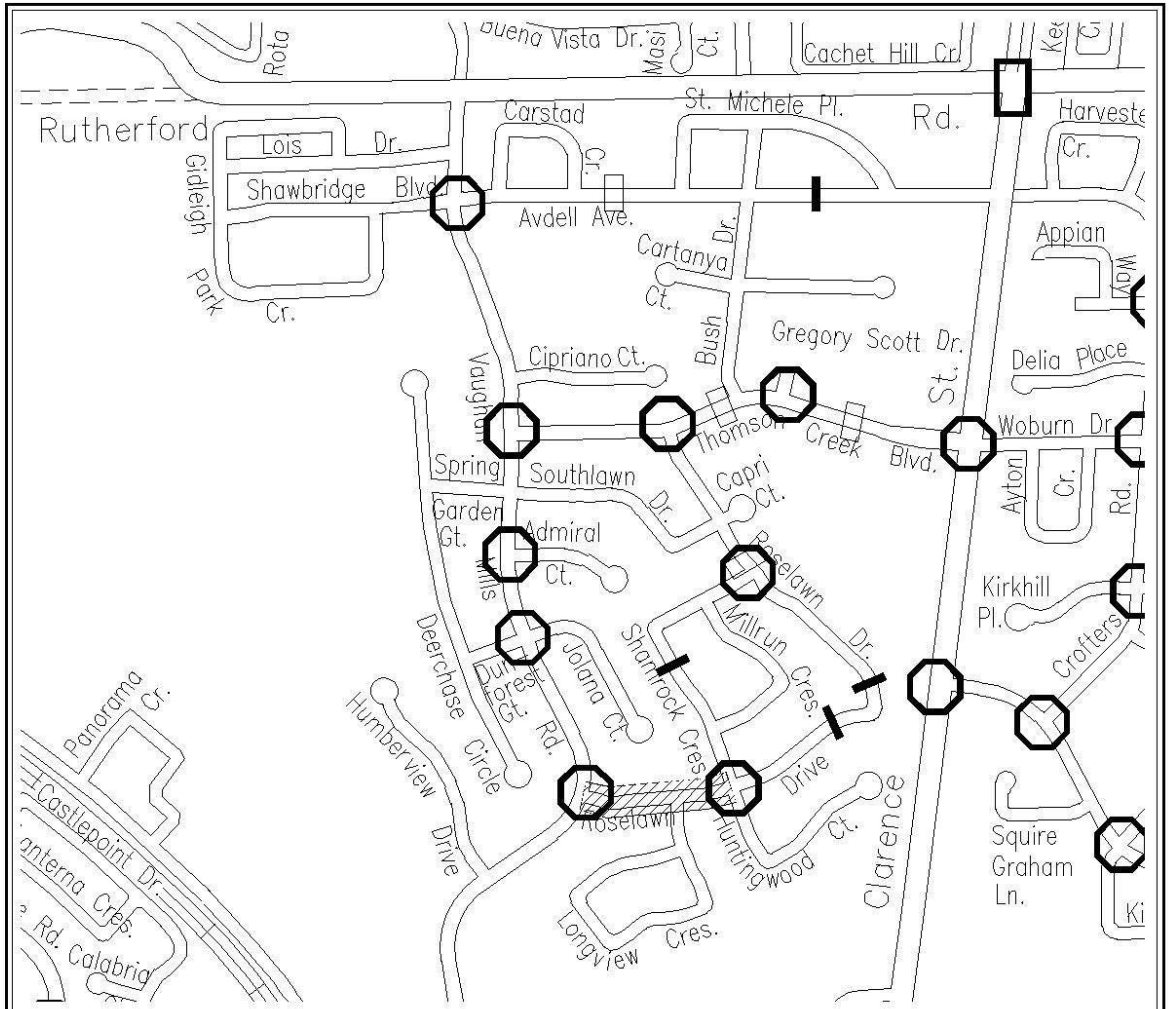
Respectfully submitted,

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

Gary Carroll, P. Eng.  
Director of Engineering Services

:TA

# ATTACHMENT No. 1

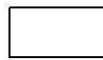


## ROSELAWN DRIVE REQUEST FOR SPEED HUMPS

### LEGEND



ROAD UNDER REVIEW



RAISED CROSSWALK



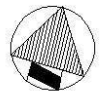
EXISTING TRAFFIC SIGNALS



SPEED HUMP



EXISTING ALL-WAY STOP CONTROL



NOT TO SCALE