

## COMMITTEE OF THE WHOLE – MARCH 7, 2005

### JUDITH AVENUE TRAFFIC CALMING MEASURES - UPDATE

#### Recommendation

The Commissioner of Engineering and Public Works recommends:

That further traffic calming measures on Judith Avenue not be installed between Westcroft Avenue and Briarcliffe Crescent, as there is insufficient boulevard space between residential driveways.

#### Purpose

To report on a further traffic assessment undertaken on Judith Avenue for the installation of traffic calming measures, in response to direction from Council.

#### Background - Analysis and Options

At its meeting on November 22, 2004 Council directed:

**“That staff provide a report with alternative traffic calming measures.”**

Judith Avenue is a local residential road with an 8.5 metre pavement width. The posted speed limit on Judith Avenue is 40 km/h. Wade Gate Park is located at the northwest corner of Judith Avenue and Chelwood Drive. Vaughan Fire and Rescue Services has advised that Judith Avenue is not designated as a primary fire response route. The area is shown on Attachment No. 1.

Staff investigated the feasibility of speed humps on Judith Avenue between Westcroft Avenue and Briarcliffe Crescent in the sections before the curve. Due to insufficient boulevard space between residential driveways in this section, speed hump installation is not possible. The minimum boulevard space between residential driveways to install a speed hump is 7.0 metres.

As reported to Committee of the Whole on November 15, 2004, radar speed studies were conducted on September 10<sup>th</sup> and 11<sup>th</sup>, 2004. The results of the studies are shown below.

DATE	TIME	LOCATION	DIRECTION	AVERAGE SPEED
October 19, 2004	7:00am – 9:00am	South of Briarcliffe Crescent	Northbound	30.1
	7:00am – 9:00am	South of Briarcliffe Crescent	Southbound	29.6
October 19, 2004	4:00pm – 6:00pm	South of Briarcliffe Crescent	Northbound	31.7
	4:00pm – 6:00pm	South of Briarcliffe Crescent	Southbound	29.6

The average speeds on Judith Avenue range from 29 to 32 km/h indicating a high level of compliance with the existing speed limit.

Recently, ‘No Parking’ signs have been installed on the south/east side of Judith Avenue from the beginning of curve to the end of curve of the road. This prohibition will permit vehicles greater sight visibility when negotiating the curve on Judith Avenue.

Judith Avenue already has several traffic calming measures in place. There is an existing speed hump located between #140 and #144 Judith Avenue. Continuous painted lane narrowings were previously installed on the north/west sides of Judith Avenue. Additionally, prior to the curve in both directions ‘Turn’ ahead warning signs and ‘Slow’ tab signs are installed to inform drivers to slow down at the curve.

### **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 not possible to install additional speed humps on Judith Avenue between Briarcliffe Crescent and Westcroft Avenue due to insufficient boulevard space between residential driveways.

### **Attachments**

1. Location Map

### **Report prepared by**

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Respectfully submitted,

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Commissioner of Engineering and Public Works

Gary Carroll, P. Eng.  
Director of Engineering Services






:MR

# ATTACHMENT No. 1



## JUDITH AVENUE TRAFFIC CALMING MEASURES - UPDATE

### LEGEND

-  ROAD SECTION UNDER REVIEW
-  EXISTING LANE NARROWING PAVEMENT MARKINGS
-  EXISTING PARKING PROHIBITION
-  EXISTING SPEED HUMP
-  EXISTING ALL-WAY STOP CONTROL



NOT TO SCALE