

COMMITTEE OF THE WHOLE - JANUARY 22, 2007

JULES AVENUE TRAFFIC CALMING MEASURES

Recommendation

The Commissioner of Engineering and Public Works recommends:

That traffic calming measures not be installed on Jules Avenue.

Economic Impact

Not Applicable.

Purpose

To investigate the feasibility of installing traffic calming measures on Jules Avenue, in response to Council direction.

Background - Analysis and Options

At its meeting on September 25, 2006 Council directed:

“ Councillor Tony Carella recommends that appropriate staff be directed to conduct a traffic study of Jules Avenue between Jeanne Drive and Riverview Avenue, in response to the petition of area residents; and to make recommendations to address their concerns.”

Jules Avenue is a local road with a 20 metre right-of-way with 9 metres of pavement travel width. The speed limit on Jules Avenue is posted at 40 km/h. (See Attachment No. 1). Staff conducted a radar study on Jules Avenue in the morning on Tuesday, November 7, 2006, and in the evening on Monday, November 13, 2006. The weather was overcast on both days. The collected speeds are summarized in the table below:

Direction	Morning	Evening	# of Vehicles
Northbound	44 km/h	45 km/h	66
Southbound	45 km/h	46 km/h	50

In accordance with Council's approved Neighbourhood Traffic Committee Policy and Procedure, speed humps shall be 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 measured to be 10 km/h greater than the speed limit

The posted speed limit is less than 50 km/h. However, the average speed is not 10 km/h higher than the speed limit, and Jules Avenue has been indicated as a primary emergency response route by Vaughan Fire & Rescue Services. Based on the above criteria, the warrant for the installation of speed humps on Jules Avenue is not met.

There has been one collision on Jules Avenue from June 1, 2005 through to June 30, 2006, the most recent year that collision data is available. The collision was a single motor vehicle collision where the driver lost control of the vehicle. The investigating officer indicates that the vehicle was traveling at 50 km/h.

Possible alternative traffic calming measures for this roadway would be the installation of chicanes, painted road narrowings, or a combination of these two alternatives.

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 wish to approve the installation of traffic-calming measures for Jules Avenue staff 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 Jules Avenue should traffic calming measures 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.

Conclusion

Based on staff's review, it is recommended that traffic calming measures not be installed on Jules Avenue.

Attachments

1. Location Map

Report prepared by:

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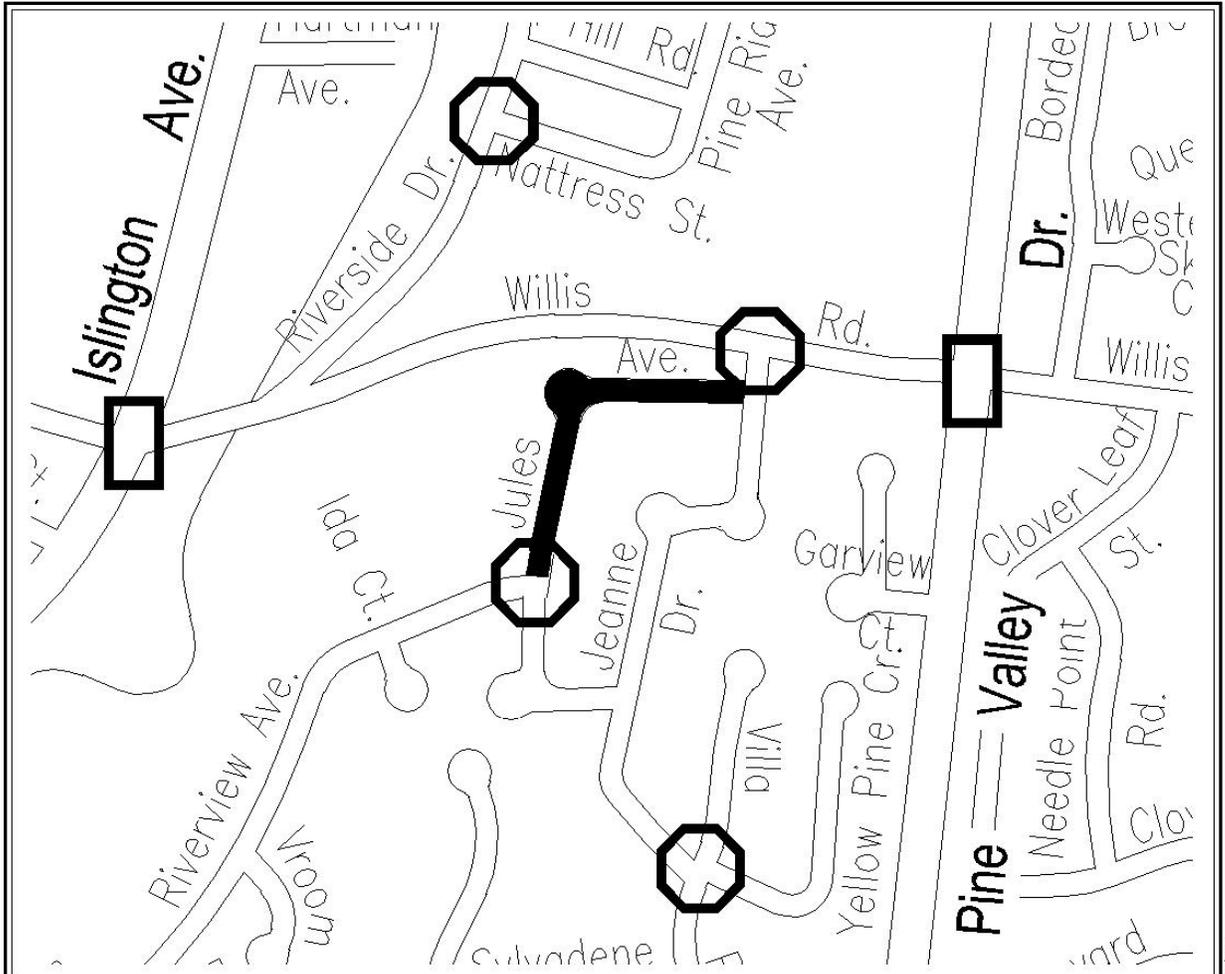
Respectfully submitted,

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

Gary Carroll, P. Eng.
Director of Engineering Services

LW:mc

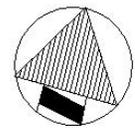
ATTACHMENT No. 1



JULES AVENUE TRAFFIC CALMING

LEGEND

-  AREA UNDER REVIEW
-  EXISTING TRAFFIC SIGNALS
-  EXISTING ALL-WAY STOP CONTROL



NOT TO SCALE