

COMMITTEE OF THE WHOLE – JUNE 21, 2004

FIORI DRIVE PROPOSED SPEED HUMPS

Recommendation

The Commissioner of Engineering and Public Works recommends:

That speed humps on Fiori Drive not be installed.

Purpose

To report on the feasibility of installing speed humps on Fiori Drive.

Background - Analysis and Options

On September 25, 2003, Engineering staff attended a community meeting with the residents to discuss traffic concerns on Fiori Drive. There were 23 residents in attendance at the meeting. The main concern raised by the residents is the excessive vehicle speeds near St. Gabriel The Archangel Separate School, specifically after 6:00 pm.

The existing speed limit on Fiori Drive is 40 km/h and is posted. Staff reviewed the roadway and determined that it is physically possible to install a speed hump at the following locations:

- Location 1: between #2 Arona Road/#2 Father Ermanno Crescent and #101 Arona Road/#168 Father Ermanno Crescent; and
- Location 2: between #112 and #116 Fiori Drive. Refer to Attachment No. 1.

A survey was mailed to residents of Fiori Drive between Belview Avenue and Chancellor Drive. The residents were asked to provide comments regarding the proposed speed humps. Of the 43 surveys sent out, 9 responses were received. The results indicate 100 percent concurrence (9 out of the 9 received responses) with the installation of the speed humps as outlined above. Some of the respondents (4 out of the 9 responses) also indicated that an additional speed hump be installed on Fiori Drive between Belview Avenue and Adriano Crescent. However, this additional speed hump cannot be physically accommodated in this area

Staff conducted radar speed surveys on Fiori Drive during a 24 hour time period to determine the typical vehicle speeds on the road. The following table summarizes the results of this study.

DATE	TIME	LOCATION	DIRECTION	AVERAGE SPEED
October 27, 2003	24 Hr.	South of Lucky Ct	Northbound	43 Km/h
October 27, 2003	24 Hr.	South of Lucky Ct	Southbound	43 Km/h
October 27, 2003	24 Hr.	North of Beatrice Way	Northbound	43 Km/h
October 27, 2003	24 Hr.	North of Beatrice Way	Southbound	41 Km/h
October 27, 2003	24 Hr.	South of Father Ermanno Crescent	Northbound	45 Km/h
October 27, 2003	24 Hr.	South of Father Ermanno Crescent	Southbound	46 Km/h

In accordance with Council's 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, and the average speed is measured to be 10 km/h greater than the speed limit. Based on the above criteria, the warrant for the installation of speed humps on Fiori Drive is not met. Fiori Drive is considered a primary emergency response route.

The installation of medians, curb extensions or road narrowings shall be considered in existing areas only where the following two warrants are met: the speed limit is 50 km/h or less and the average speed on the street is measured to be 10 km/h greater than the speed limit. Based on the above criteria, the warrant for the installation of medians, curb extensions or road narrowings on Fiori Drive is not met.

Engineering Staff conducted a traffic study to determine if Fiori Drive is used as a "cut through" route between Belview Avenue and Chancellor Drive. The time periods of the study were from 7:30 am to 9:00 am and from 4:00 pm to 6:00 pm. The results of the study indicate that only 5 vehicles in both time periods used Fiori Drive as a "cut-through" route between Belview Avenue and Chancellor Drive. Therefore, this indicates that Fiori Drive is generally not used as a by-pass route from Belview Avenue to Chancellor Drive.

Vaughan Fire and Rescue Services have indicated that they are opposed to the installation of speed humps as they reduce the emergency response times and potentially impact/damage their vehicles. The proposed speed humps would reduce response times to the neighbouring roads and properties on Fiori Drive.

Should Council wish to install the two proposed speed humps on Fiori Drive the estimated cost of the works is approximately \$6,000 and may be funded from the 2004 Capital budget (Project No. 1204.0).

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 traffic calming measures be approved by Council for installation on Fiori Drive, then 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 Fiori Drive should traffic calming measures be approved informing them of their 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 staff's review it is recommended that traffic calming measures not be implemented on Fiori Drive. However, should Council wish to install speed humps on Fiori Drive at Locations 1 and 2, the cost for this work in the amount of \$6,000 may be funded from the 2004 Capital budget (Project No. 1204.0).

Attachments

1. Location Map

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Respectfully submitted,

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MD/fc

ATTACHMENT No. 1

