

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

**KILDRUMMY GATE  
REQUEST FOR SPEED HUMPS**

**Recommendation**

The Commissioner of Engineering and Public Works recommends:

That traffic calming measures **not** be installed on Kildrummy Gate.

**Economic Impact**

N/A

**Purpose**

To review the feasibility of installing traffic calming measures on Kildrummy Gate, in response to direction from Council.

**Background - Analysis and Options**

At its meeting on June 26, 2006 Council directed:

- “1. That staff be requested to investigate and provide a report on traffic calming options for Kildrummy Gate between St. Joan of Arc and Solway Avenue;**
- 2. That staff be requested to report back at the first Committee of the Whole in September; and**
- 3. That York Regional Police be requested to increase their monitoring and enforcement of the speed limit along Kildrummy Gate.”**

Kildrummy Gate is a two lane, low volume residential roadway with an 18 metre right-of way and a paved travelled surface of 8.0 metres. The existing speed limit on Kildrummy Gate is 50 km/h. The area is shown in attachment No. 1.

Staff conducted radar speed studies on Tuesday, July 25, 2006 from 8:00 a.m. to 9:00 a.m., and from 4:00 p.m. to 5:00 p.m. on Kildrummy Gate between Solway Avenue and Lamont Court. 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 | 45 km/h       | 51 km/h                           | 8                  |
| Westbound | 44 km/h       | 50 km/h                           | 32                 |
| PM Period |               |                                   |                    |
| Direction | Average Speed | 85 <sup>th</sup> Percentile Speed | Number of Vehicles |
| Eastbound | 46 km/h       | 51 km/h                           | 34                 |
| Westbound | 44 km/h       | 49 km/h                           | 15                 |

The average speeds on Kildrummy Gate range from 44 km/h to 46 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.

Kildrummy Gate is not a primary emergency response route and the posted speed limit is 50 km/h, however the overall recorded averaged speeds on the roadway does not exceed the speed limit by 10 km/h. Based on the results of these studies, installing speed humps on Kildrummy Gate is not recommended.

Staff would like to note that during the two hour peak time periods, only 89 vehicles were observed traveling on Kildrummy Gate and the maximum speed recorded was 60 km/h. In addition, a review of the collision history indicates there have been no reported collisions on Kildrummy Gate within the past three years.

Engineering staff sent a letter to the York Regional Police on Tuesday, July 18, 2006 requesting frequent enforcement of the existing speed limit on Kildrummy Gate.

Staff has determined that there is sufficient spacing for the construction of a speed hump near # 40 Kildrummy Gate should Council wish to proceed with the installation of a speed hump,

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 Kildrummy Gate, 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 Kildrummy Gate 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 and the necessary resources have been allocated and approved.

**Conclusion**

Based on this review, staff recommends that traffic calming measures not be installed on Kildrummy Gate.

**Attachments**

1. Location Map.

**Report prepared by:**

Tim Apostolopoulos, Traffic Analyst, Ext. 3120  
Mike Dokman, Supervisor, Traffic Engineering, Ext. 3118

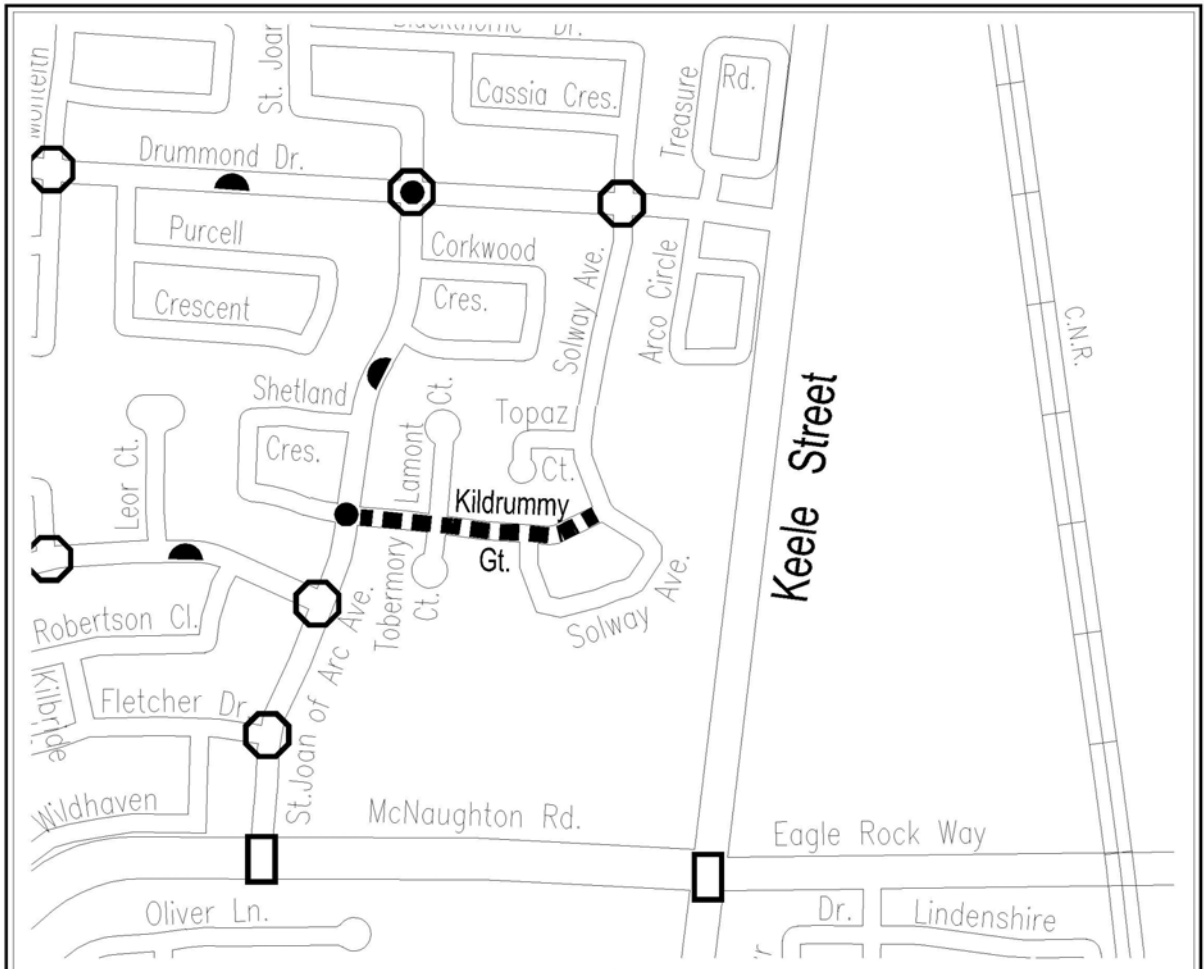
Respectfully submitted,

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

Gary Carroll, P. Eng.  
Director of Engineering Services




:TA

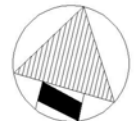
# ATTACHMENT No. 1



## KILDRUMMY GATE REQUEST FOR SPEED HUMPS

### LEGEND

-  ROAD UNDER REVIEW
-  EXISTING TRAFFIC SIGNAL
-  EXISTING ALL-WAY STOP CONTROL
-  EXISTING RAISED INTERSECTION
-  EXISTING SPEED HUMP



NOT TO SCALE