

## **COMMITTEE OF THE WHOLE – JUNE 21, 2004**

### **ROSEBURY LANE - PROPOSED SPEED HUMP CLARENCE STREET AND ROSEBURY LANE – PROPOSED CURB EXTENSION**

#### **Recommendation**

The Commissioner of Engineering and Public Works recommends:

1. That a speed hump on Rosebury Lane not be installed as set out in Council's Neighbourhood Traffic Committee Policy and Procedure;
2. That a curb extension at the intersection of Clarence Street and Rosebury Lane be installed; and
3. That funds in the amount \$3,000 for the implementation of the curb extension be set aside from the 2004 Capital Budget (Project No. 1204.0).

#### **Purpose**

To report on the feasibility of installing a speed hump on Rosebury Lane, and a curb extension at the intersection of Clarence Street and Rosebury Lane.

#### **Background - Analysis and Options**

Staff received a request from the Woodbridge Core Traffic Calming Committee for the installation of a speed hump on Rosebury Lane in order to reduce "cut-through" traffic and speeds. A request was also made for an intersection narrowing at the intersection of Clarence Street and Rosebury Lane.

Upon Staff's review it is possible to install a speed hump at the following location between Meeting House Road and Rosewood Court:

- Between properties #134/#140 Rosebury Lane.

Refer to Attachment No. 1.

Staff conducted radar speed studies on June 9, 2004 on Rosebury Lane to determine the typical vehicle speeds on the road. The speed limit on Rosebury Lane is a statutory 50 km/h. The following table summarizes the results of the study.

TIME	LOCATION	DIRECTION	AVERAGE SPEED
1:00 pm to 2:00 pm	South of Meeting House Road	Northbound	38.5 km/h
1:00 pm to 2:00 pm	South of Meeting House Road	Southbound	39 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 Rosebury Lane is not met.

A survey was mailed to residents of Rosebury Lane and Rosewood Court on May 18, 2004. The residents were asked to provide feedback on the proposed speed hump location. There were 60 surveys sent out and 18 responses received. The results indicate that only 39 % (7 out of the 18 received responses) are in favour of the speed hump location as indicated above. Should Council wish to install the proposed speed hump, the cost would be approximately \$3,000.

Vaughan Fire and Rescue Service 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 Rosebury Lane.

Additionally the Woodbridge Core Traffic Calming requested that the Committee and Engineering staff review the feasibility of implementing an intersection curb extension at the southwest corner of Clarence Street and Rosebury Lane. The curb extension can be installed on the south side of Rosebury Lane from the curb tangent of Clarence Street to a point approximately 30 metres west of Clarence Street. The corner radius at the southwest corner would be reduced from 15 metres to 10 metres. The introduction of the curb extension would force motorists to reduce their speeds when negotiating the corner. The curb extension would cost approximately \$3000.

### **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 Rosebury Lane, 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 Rosebury Lane 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 a speed hump on Rosebury Lane not be installed and an intersection curb extension at Clarence Street/Rosebury Lane be implemented and the cost for this work in the amount of \$3,000 may be funded from the 2004 Capital Budget (Project No. 1204.0).

### **Attachments**

1. Location Map

### **Report prepared by**

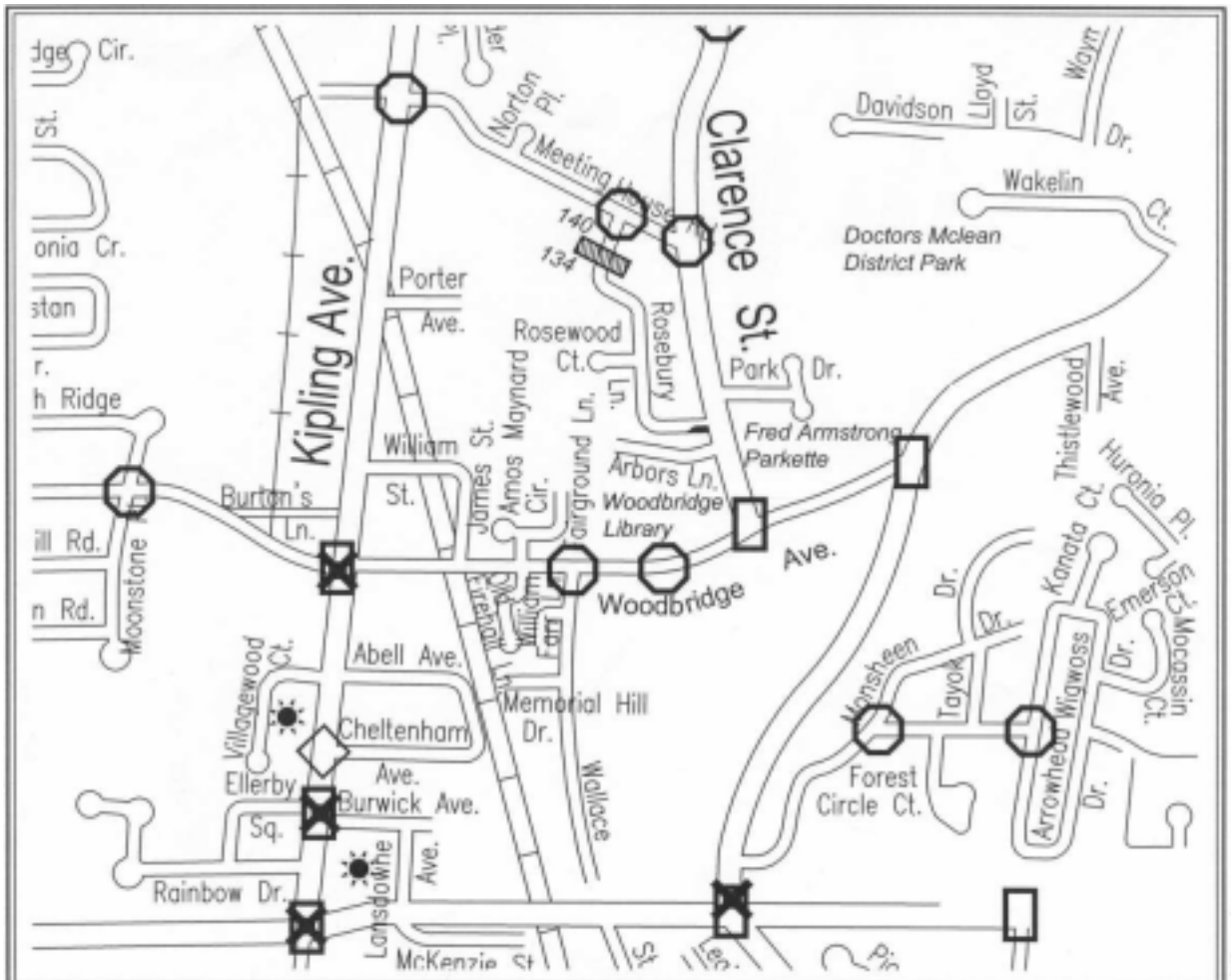
Mark Ranstoller, Transportation Analyst, ext. 8251  
Mike Dokman, Acting Transportation Supervisor, ext. 8031

Respectfully submitted,

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








Michael Won, P. Eng.  
Director of Development/ Transportation  
Engineering

MR/fc



**ROSEBURY LANE  
PROPOSED SPEED HUMP**

**LEGEND**

- |   |  |  |                         |
|---|--|--|-------------------------|
|  | EXISTING TRAFFIC SIGNALS                 |  | PROPOSED SPEED HUMP     |
|  | EXISTING ALLWAY STOP CONTROL             |  | PROPOSED CURB EXTENSION |
|  | PEDESTRIAN SIGNAL OR HALF SIGNAL         |  |                         |
|  | EXISTING ADULT SUPERVISED SCHOOLCROSSING |  |                         |
|  | EXISTING FLASHING SCHOOL BEACONS         |  |                         |



NOT TO SCALE

CITY OF VAUGHAN - ENGINEERING DEPARTMENT

DRAFTSPERSON: T.A.

Drawing name: R:\2003\4471\4471\Rosebury Lane Proposed Speed Hump.dwg