

## **COMMITTEE OF THE WHOLE MEETING, DECEMBER 8, 2003**

### **WOODBIDGE HIGHLANDS AND AREA TRAFFIC COMMITTEE NEIGHBOURHOOD TRAFFIC COMMITTEE PLAN**

#### **Recommendation**

The Commissioner of Engineering and Public Works recommends:

1. That the Woodbridge Highlands and Area Traffic Committee plan proposal be approved, with the exception of the following:
  - the proposed raised crosswalk on Vaughan Mills Road in front of Vaughan Mills Park;
  - the proposed speed hump on Vaughan Mills Road between Jolana Court/Dunforest Gate and Roselawn Drive; and
  - the proposed raised centre medians on Avdell Avenue west of Bush Drive.
2. That two additional speed humps to be located between # 71 and # 79 Shamrock Crescent and between #102 and #110 Shamrock Crescent be approved; and
3. That funds in the amount of \$80,000 for the implementation of the plan proposal be drawn from the 2001 Capital Budget (Traffic Calming Project No. 1203-2).

#### **Purpose**

To report on the Woodbridge Highlands and Area Traffic Committee Plan proposal.

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

The Woodbridge Highlands and Area Traffic Committee plan proposal was presented to Committee of the Whole at its meeting of September 15, 2003 by the Chair of the Traffic Committee in an attempt to address concerns with vehicle speeds, cut through traffic and stop sign compliance in the area. The traffic committee area is bounded by Rutherford Road to the north, Clarence Street to the east and Roselawn Drive to the south. Refer to Attachment No. 1.

#### **Public Participation**

The initial public meeting of the Woodbridge Highlands and Area Traffic Committee was held on October 1, 2002. Engineering Department staff outlined the concept of traffic calming and the types of traffic calming measures available, and explained the City's Neighbourhood Traffic Committee Policy and Procedure.

The final public meeting was held on September 9, 2003. The Traffic Committee, with the assistance of Engineering Department staff, introduced the traffic calming proposals for the neighbourhood to the residents in attendance. There were 45 residents in attendance. The residents were majority in favour of the proposals, but some wanted amendments to the plan as outlined below.

- The traffic committee proposed a traffic circle at the intersection of Vaughan Mills Road and Southlawn Drive/Spring Garden Gate. All in attendance voted in favour, not to place a traffic circle at the intersection.

- Implement painted road narrowings on Vaughan Mills Road and on Avdell Avenue similar to those on Thomson Creek Boulevard. All in attendance voted in favour of the painted road narrowings.
- If possible, as determined by Engineering Staff, install a speed hump on Vaughan Mills Road between Jolana Court/Dunforest Gate and Roselawn Drive. A vote was taken and 42 were in favour for the speed hump and 3 voted against the speed hump.
- A petition was received at the meeting from the residents on Shamrock Crescent. The residents requested to have speed humps installed near the curve between #76 and #102 Shamrock Crescent.
- Revisit the proposed raised centre medians on Avdell Avenue at Bush Drive to ensure that these measures can be accommodated without affecting any of the residential driveways.

#### Traffic Calming Plan - General

There are eleven existing allway stop controls at the following intersections within the Woodbridge Highlands and Area Traffic Committee area:

- Vaughan Mills Road and Avdell Avenue/Shawbridge Boulevard;
- Vaughan Mills Road and Thomson Creek Boulevard;
- Vaughan Mills Road and Admiral Court;
- Vaughan Mills Road and Jolana Court/Dunforest Gate;
- Vaughan Mills Road and Roselawn Drive;
- Avdell Avenue and Bush Drive;
- Bush Drive and Cartanya Court/Frini Court;
- Thomson Creek Boulevard and Gregory Scott Drive;
- Thomson Creek Boulevard and Roselawn Drive;
- Roselawn Drive and Shamrock Crescent; and
- Roselawn Drive and Shamrock Crescent/Huntingwood Court.

The existing posted speed limit on Vaughan Mills Road, Thomson Creek Boulevard, Avdell Avenue and Roselawn Drive is 40 km/h. The remaining roadways within the subdivision have a statutory 50 km/h speed limit.

There is an existing raised crosswalk on Thomson Creek Boulevard in front of Woodbridge Highlands Park.

Staff undertook field reviews to determine locations that would be feasible for the additional traffic calming measures proposed.

Speed humps can be placed at the following locations:

- Avdell Avenue, between properties #78/#82;
- Roselawn Drive, between #129/#137; and
- Roselawn Drive, between #169/#175.

Raised crosswalks can be placed at the following locations:

- Vaughan Mills Road, south of #636 in front of Vaughan Mills Park;
- Avdell Avenue, in front of Vaughan Mills Park;
- Thomson Creek Boulevard/Bush Drive intersection, west side; and
- Roselawn Drive/Shamrock Crescent, north side.

It is proposed that the four speed humps be constructed completely of asphalt and the three raised crosswalks have coloured impressed concrete tops. If the four speed humps are constructed with coloured impressed concrete tops as well, then the estimated cost of this plan would increase by \$12,000. However, it is recommended that the speed humps be asphalt to distinguish them from raised crosswalks.

Raised centre medians can be placed at the following locations:

- On Thomson Creek Boulevard at Vaughan Mills Road, east side;
- On Thomson Creek Boulevard at Roselawn Drive, east/west sides;
- On Roselawn Drive at Thomson Creek Boulevard, south side; and
- On Avdell Avenue at Bush Drive, west side.

Painted road markings are proposed on Vaughan Mills Road from Roselawn Drive to Rutherford Road and on Avdell Avenue from Vaughan Mills Road to Clarence Street.

#### Additional Requests

At the meeting, the residents voted not to install a traffic circle at the intersection of Vaughan Mills Road and Southlawn Drive/Spring Garden Gate. Transportation Staff were requested to review an alternative traffic calming measure at the intersection. Transportation Staff reviewed the request and the installation of raised centre medians can be accommodated on Vaughan Mills Road (north/south sides of the intersection).

Transportation Staff reviewed the feasibility of installing an additional speed hump on Vaughan Mills Road between Jolana Ct and Roselawn Drive. A speed hump can be placed between properties #410 and #418. However, Engineering Staff advised those in attendance that the Fire Department did not want to have any speed hump measures on Vaughan Mills Road at this time since this is their primary response route or at least be deferred until the new Fire Station is built in the Woodbridge Expansion Area.

A petition was received at the meeting from the residents of Shamrock Crescent to install a speed hump on either side of the curve. Transportation Staff reviewed the feasibility of installing two additional speed humps in this area. A speed hump can be placed between properties #71 and #79 and between properties #102 and #110.

Transportation Staff reviewed the proposed raised centre medians on Avdell Avenue at Bush Drive to determine whether any residential driveways would be affected. There is insufficient space between driveways to properly locate the series of medians.

#### Neighbourhood Traffic Committee Summary

On December 18, 2001, Council approved a moratorium on the implementation of traffic calming measures, with the exception of those in areas having existing traffic committees. As the original Vaughan Mills Road/Thomson Creek Boulevard Traffic Committee was formed in 2001, it is exempt from the moratorium.

The Year 2001 Capital Budget has \$1,700,000 remaining for the implementation of traffic calming projects. To date, the following Traffic Management Plans and projects that will be funded from the \$1,700,000 have been approved and total approximately \$1,609,000:

- Alberta Drive Traffic Committee, estimated cost of \$9,600;
- Arnold Avenue Traffic Committee, estimated cost \$48,050;
- Airdrie Drive Traffic Committee, estimated cost \$35,600;
- Belview Avenue – Speed Hump near Fiori Drive, estimated cost \$8,900;
- Brownridge Drive Neighbourhood Traffic Committee, estimated cost \$138,900;

- Crossroads Neighbourhood Traffic Committee, estimated cost \$27,150;
- Flamingo Road Traffic Committee; estimated cost \$34,720;
- Forest Drive / Bainbridge Avenue Traffic Committee, estimated cost \$10,420;
- Glen Shields Speed Humps, estimated cost \$7,400;
- Hilda Avenue / Pinewood Drive, estimated cost \$113,610;
- Historic Maple Traffic Committee, estimated cost \$86,300;
- Joseph Aaron Area, estimated cost \$28,000;
- Kleinburg Area, estimated cost \$35,850;
- Maple Landings Area, estimated cost \$92,630;
- Maple Springs – Cunningham Drive / Melville Avenue, estimated cost \$33,700;
- Maple Springs Phase I Traffic Committee, estimated cost \$161,300;
- Morning Star / Mapes Avenue, estimated cost \$58,950;
- Mullen Drive Traffic Committee, estimated cost \$52,990;
- Pinewood / Crestwood Area, estimated cost \$52,900;
- Rosedale Heights Neighbourhood, estimated cost \$22,320;
- Thompson Creek Neighbourhood, estimated cost \$11,780;
- Torii Street Speed Hump, estimated cost \$4,500;
- Thornhill Woods (Westmount / Wilshire), estimated cost \$151,000;
- Vaughanwood South, estimated cost \$21,900;
- Weston Downs: Phase 1, estimated cost \$85,380;
- Weston Downs: North Neighbourhood, estimated cost \$75,050;
- Woodbridge Core Area, estimated cost \$73,650;
- York Hill Boulevard, estimated cost \$64,420;
- Miscellaneous Traffic Calming, estimated cost \$61,750.

#### Environmental Assessment Act Requirements

As now 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 the Woodbridge Highlands and Area Traffic Committee, 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 two separate editions of the Vaughan Citizen. Prior to construction, the City's normal practice is to mail letters to the affected residents should traffic calming measures be approved informing them of their installation.

#### Conclusion

The Engineering Department recommends for approval the Woodbridge Highlands and Area Traffic Committee plan proposal, with the exceptions noted in the recommendation. The estimated cost of \$80,000 includes taxes, contingency allowance and associated traffic signs and pavement markings.

#### Attachments

1. Location Map
2. Shamrock Crescent – Petition

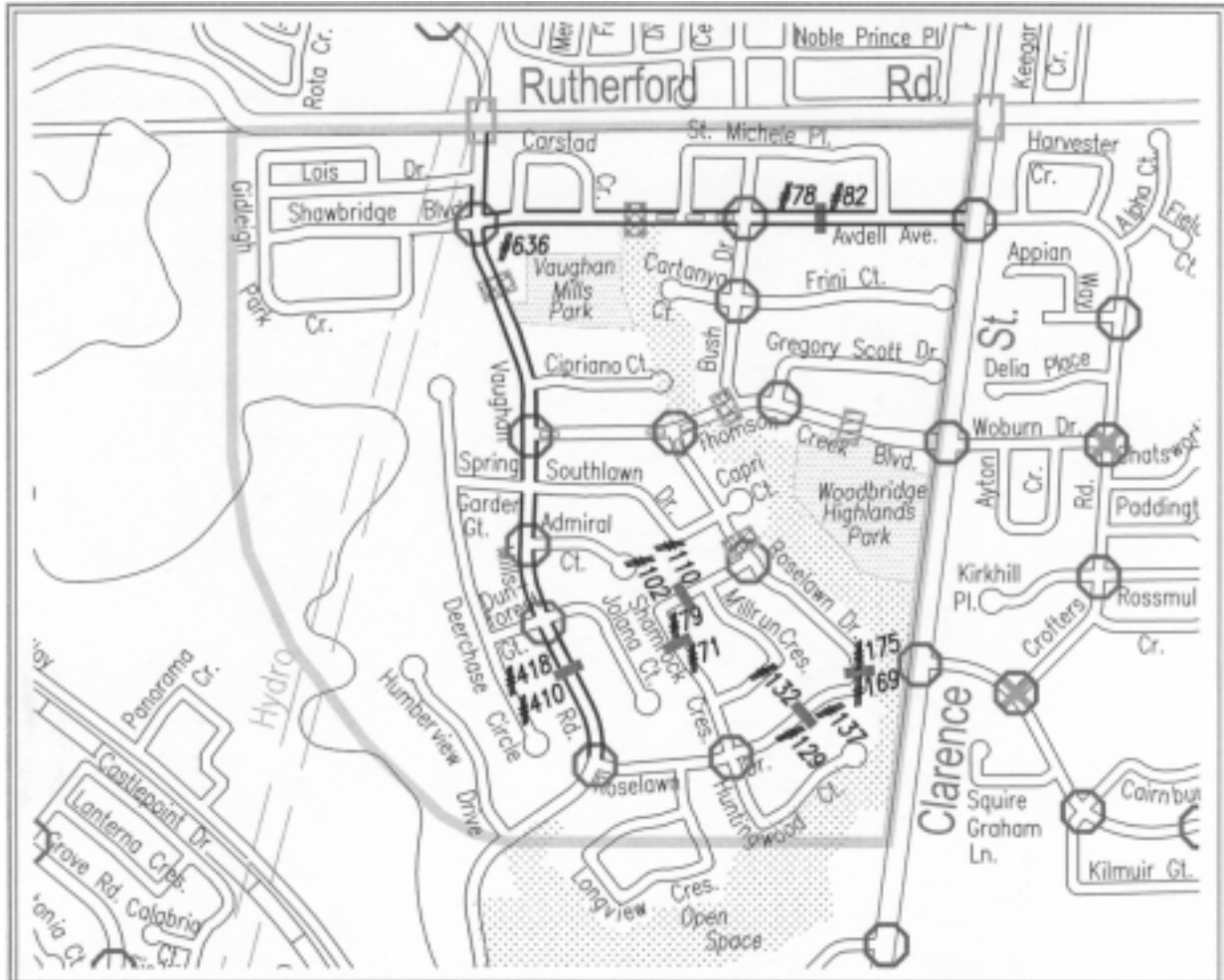
**Report prepared by**

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



**AREA UNDER STUDY**

**LEGEND**

-  PROPOSED SPEED HUMPS
-  PROPOSED RAISED CROSSWALKS
-  PROPOSED RAISED CENTRE MEDIANS
-  EXISTING RAISED CROSSWALK
-  EXISTING ALLWAY STOP CONTROL
-  EXISTING TRAFFIC SIGNALS
-  AREA UNDER REVIEW
-  PROPOSED PAVEMENT MARKINGS



NOT TO SCALE



**NOTICE OF PETITION**

**A petition has been submitted with respect to the following matter and a copy is on file in the office of the City Clerk:**

**Agenda Item No.:** 8

**Item Name:** **WOODBIDGE HIGHLANDS AND AREA  
TRAFFIC COMMITTEE  
NEIGHBOURHOOD TRAFFIC COMMITTEE PLAN**

**Particulars of the Petition:**

**Dated:** \_\_\_\_\_

**No. of Signatures:** 17

**Submitted by:** **RESIDENTS OF SHAMROCK CRESCENT,  
WOODBIDGE**

**For a copy of the petition contact:**

**City of Vaughan, Clerk's Department, 2141 Major Mackenzie Drive, Vaughan, L6A 1T1  
Tel: (905) 832-8504 Fax: (905) 832-8535**