

COMMITTEE OF THE WHOLE – FEBRUARY 4, 2002

VAUGHANWOOD SOUTH NEIGHBOURHOOD TRAFFIC MANAGEMENT PLAN

Recommendation

The Commissioner of Development Services and Public Works recommends:

1. That the Vaughanwood South Neighbourhood Traffic Management Plan be approved; and
2. That funds in the amount of \$50,000 for the implementation of the proposed Vaughanwood South plan be drawn from the 2002 Capital Budget.

Purpose

To report on the Vaughanwood South Neighbourhood Traffic Management Plan.

Background - Analysis and Options

The Vaughanwood South Neighbourhood Traffic Management Plan was presented to Committee of the Whole at its meeting of December 3, 2001 by the Vaughanwood South Traffic Committee in an attempt to address concerns with vehicle speeds and stop sign compliance in the area. The traffic committee area is south of Highway 7 and includes Helen Street and Bruce Street. Refer to Attachment No. 1.

Public Participation

The initial meeting for the Vaughanwood South Neighbourhood Traffic Committee was held on November 22, 2000. Engineering Department staff outlined the concept of traffic calming and the types of measures available, and explained the City's Neighbourhood Traffic Committee Policy and Procedure.

The final public meeting was held on November 13, 2001. The traffic committee, with the assistance of Engineering Department staff, introduced the traffic calming proposals for Helen Street and Bruce Street to the 25 residents in attendance. All the residents in attendance voted in favour of the plan.

Traffic Calming Plan - General

There is an existing allway stop control at the intersections of Helen Street and Highness Court, and Helen Street and Bruce Street. Woodbridge College is located on the east side of Bruce Street between Highway No.7 and Helen Street. The posted speed limit on Helen Street and Bruce Street is 40 km/hr.

The proposed traffic management plan consists of one raised crosswalk, three speed humps made out of interlocking brick or textured concrete, and one intersection curb extension. Staff undertook field reviews to determine locations for the traffic calming measures that would be feasible.

The raised crosswalk can be placed on Helen Street at the walkway to the Conservation Area that is located on the east side of the roadway and connects to the rear yard of Woodbridge College. The speed humps can be placed at the following locations:

- on Helen Street 50 metres north of the curve near Majesty Court,
- south of property #80 Bruce Street, and
- at the Woodbridge College's south property line.

Helen Street and Bruce Street intersect at an angle close to a bend on Helen Street. The residents and the traffic committee expressed concerns regarding compliance with the stop signs facing westbound and southbound motorists at the intersection. An intersection curb extension is proposed at the northeast corner to increase the probability that motorists will come to a full stop before making a westbound right turn or a southbound left turn. Motorists tend to treat the corner as an angle bend, as northbound traffic volumes are minimal.

As its meeting of December 18, 2001 Council approved a moratorium on the implementation of traffic calming measures, with the exception of those in existing traffic committees. As the Vaughanwood South Traffic Committee was formed in 2000, it is exempt from the moratorium.

Conclusion

The Engineering Department supports and recommends for approval the Vaughanwood South Traffic Management Plan. The estimated cost of \$50,000 includes taxes, contingency allowance and associated traffic signs and pavement markings.

Attachments

1. Location Map

Report prepared by

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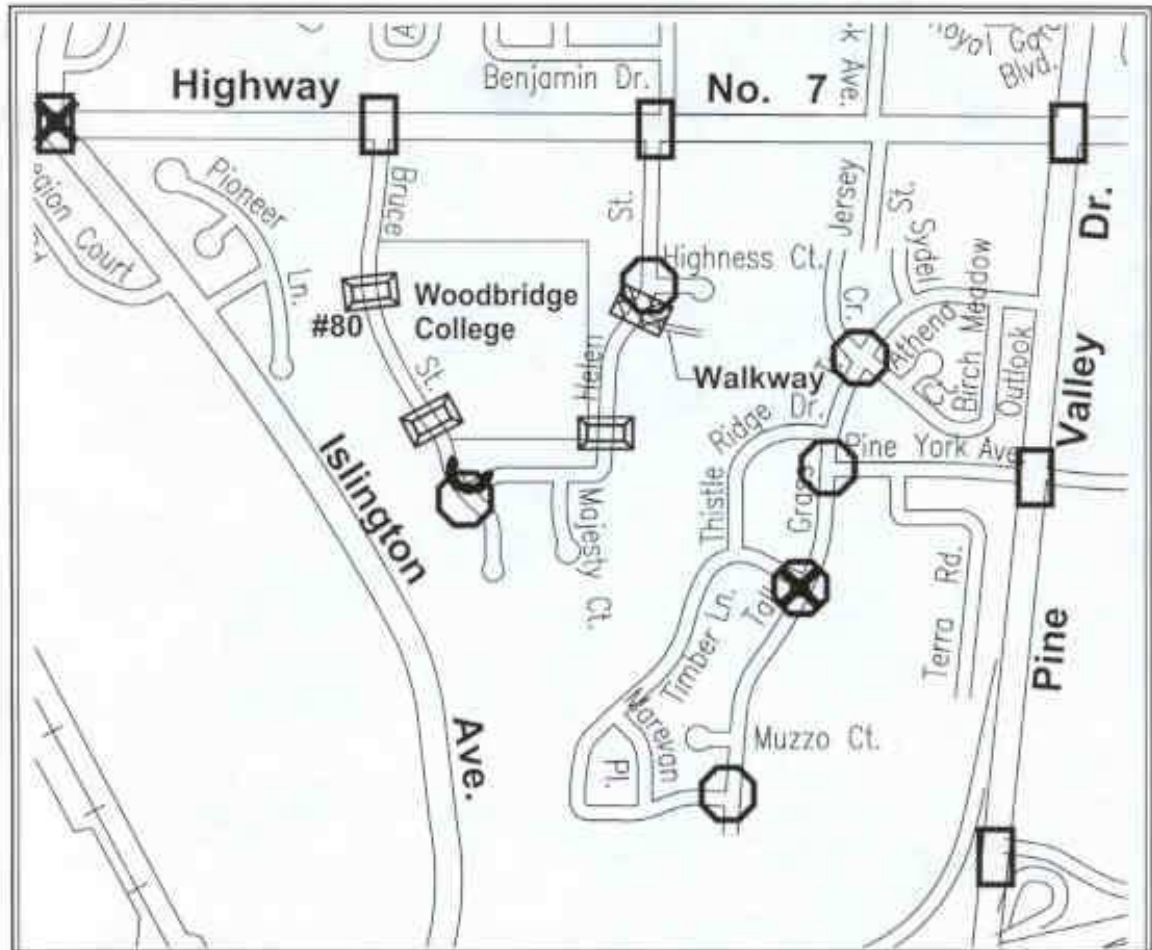
Respectfully submitted,

FRANK MIELE
Commissioner of Development Services
and Public Works

Bill Robinson, P. Eng.
Executive Director of City Engineering
and Public Works







MD/mr

ATTACHMENT No. 1



VAUGHANWOOD SOUTH TRAFFIC COMMITTEE PROPOSED TRAFFIC CALMING MEASURES

LEGEND

- | | | | |
|---|--|---|--|
|  | EXISTING TRAFFIC SIGNALS |  | PROPOSED RAISED CROSSWALK |
|  | EXISTING ALLWAY STOP CONTROL |  | PROPOSED SPEED HUMP / INTERLOCKING BRICK |
|  | EXISTING ADULT SUPERVISED SCHOOLCROSSING |  | PROPOSED INTERSECTION CURB EXTENSIONS |

CITY OF VAUGHAN - ENGINEERING DEPARTMENT

NOT TO SCALE

Drawn using AutoCAD 2000 by MRC/South Vaughanwood