

COMMITTEE OF THE WHOLE – JUNE 16, 2008

VAUGHAN MILLS ROAD NEAR HUMBERVIEW DRIVE PROPOSED TRAFFIC CALMING PLAN

Recommendation

The Commissioner of Engineering and Public Works recommends:

1. That the Vaughan Mills Road Traffic Calming plan between Roselawn Drive and the Humber River bridge proposal be approved;
2. That funds in the amount of \$58,800 for the implementation of the plan proposal be drawn from the consolidated accounts for Traffic Calming within the Capital Budget;
3. That the Region of York be requested to review the existing signal timings at the intersection of Highway 27 and Rutherford Road; and
4. That the Region of York be requested to review the feasibility of the implementation of left turn phases at the intersection of Rutherford Road and Vaughan Mills Road/Napa Valley Avenue.

Economic Impact

The cost to install the traffic calming measures is estimated at \$58,800. Sufficient funds are available within the consolidated accounts for traffic calming in the Capital Budget. The cost to maintain the traffic calming measures, signs and pavement markings would be a future Engineering and Public Works Operating Budget impact. The cost to maintain the planting material on the chicanes and the intersection curb extensions would have an impact on the Parks and Forestry Operations Department's Operating Budget for 2009 and future years.

With the high price of crude oil, the cost of hot mix asphalt has increased from \$436 in March 2008 to \$676 in April 2008 according to the Ontario Hot Mix Producers Association. This increase of 55% far exceeds the rate of inflation. Staff's cost estimates reflect this increase.

Communications Plan

Staff will advise the members of the traffic calming committee of Council's decision. Staff will follow up with construction notices (Letter 'C') at time of construction to the residents within this area. This plan has been circulated to Vaughan Fire and Rescue and staff have no objections to the traffic calming measures proposed in this report.

Purpose

To report on the Vaughan Mills Road Traffic Calming Plan proposal between Roselawn Drive and the Humber River bridge.

Background - Analysis and Options

At its meeting on December 10, 2007, Council adopted the following recommendation:

“That a community meeting be held as soon as possible after January 14, 2008 at which the consultant's report would be presented and a consensus reached with area residents on measures to be implemented to address the traffic operational issues in the subject section of Vaughan Mills Road at Humberview Drive.”

The traffic calming area reviewed is between Roselawn Drive and the Humber River bridge. Refer to Attachment No. 1 for area map and proposed traffic calming measures.

Public Participation

The public meeting of the Vaughan Mills Road Traffic Calming proposal was held on February 11, 2008. A representative from SRM Associates Ltd. outlined the findings of their report and presented their proposal to the residents in attendance. The Ward Councillor and Engineering Services Department staff were in attendance. Generally, the proposal was accepted with minor revisions and it was agreed to schedule another meeting to ensure that the residents are in agreement with the proposal.

The final public meeting was held on April 9, 2008. The consultant introduced the traffic calming proposals for the roadway. There were 10 residents in attendance. Of those in attendance, all residents were in favour of the plan.

The meetings were advertised in the Vaughan Weekly, Lo Specchio, and the Vaughan Citizen newspapers. The Notices of the meetings were also mailed out to the residents in the defined area for this Committee.

Existing Traffic Calming

The following are existing traffic calming measures on Vaughan Mills Road.

- There are three sets of raised centre medians south of Humberview Drive.
- There is a raised centre median on the north side of Humberview Drive.
- There are painted road narrowings, both sides of Vaughan Mills Road, starting north of Humberview to Rutherford Road.

There is an existing raised crosswalk at the south limit of the bridge. The intersection of Vaughan Mills Road and Roselawn Drive is under all-way stop control.

Proposed Plan

The proposal consists of the following:

- Chicanes, north of the bridge to approximately the end of the existing raised median, 3 chicane series.
- Mini traffic circle measure, at Vaughan Mills Road and Humberview Drive
- Radius reductions, northeast/northwest corners of Vaughan Mills Road/Roselawn Drive
- Curb extensions, west side of Vaughan Mills Road at Roselawn Drive
- Chicanes, south of Roselawn Drive, 2 chicanes
- Curb extensions, north of Humberview, both sides

Several issues were raised at the meeting which are part of this report. Engineering Services staff will contact the Region of York regarding the two requests at their signalized intersections.

- Traffic signal timings, Rutherford Road and Highway 27, request to revise timings to provide additional time to clear Rutherford Road traffic queues.
- Advance Left Turn Phases, Rutherford Road and Vaughan Mills Road/Napa Valley Avenue, request for a review into these phases to assist with traffic flow at the intersection.

The residents also requested different aesthetic features for the chicanes and the intersection curb extensions, such as impressed concrete, planting material and/or planter boxes. Engineering Services staff has included this matter into the overall cost for the plan.

Emergency and Transit Routes

There are currently no York Regional Transit bus routes travelling on Vaughan Mills Road.

Vaughan Fire and Rescue has identified Vaughan Mills Road as a primary response route.

The plan has been forwarded to Vaughan Fire and Rescue for their comments and they have no objection to the proposed traffic calming measures.

Traffic Calming Funding Availability

Within the Committee of the Whole Agenda of June 16, 2008, four proposals are being considered for approval in four separate staff reports. These are listed as follows, together with estimated costs:

Napa Valley Avenue	37,200
Summeridge Drive	146,400
Vaughan Mills Road	58,800
Autumn Hill Boulevard	<u>184,200</u>
Total Estimated Cost	\$426,600

The uncommitted balance, after consolidation of all of the existing traffic calming accounts in the capital budget is \$252,500 (accounts EN-1631-0-06, EN-1687-07, and EN-1725-08). Therefore there is insufficient funding to do all four projects. Staff are recommending that the first three projects listed above be constructed in 2008 and the Autumn Hill Boulevard project be considered in the 2009 budget year. The rationale for going ahead with the first three projects is as follows:

- all three can be constructed within the available traffic calming funding of \$252,500.
- requests for traffic calming on Napa Valley and Summeridge pre-date the Autumn Hill request.
- the Vaughan Mills Road traffic calming measures are urgently required to rectify serious safety concerns associated with high speed collisions.

Relationship to Vaughan Vision 2020

Enhance and Ensure Community Safety, Health & Wellness – To advocate for, protect and enhance community safety, health and wellness through education, design and enforcement.

This report is consistent with the priorities previously set by Council.

Regional Implications

The two requests for traffic signal reviews at Rutherford Road and Highway 27 and at Rutherford Road and Vaughan Mills Road/Napa Valley Avenue are included in the recommendation of this report.

Conclusion

The Engineering Services Department recommends approval of the Vaughan Mills Road Traffic Calming proposal between Roselawn Drive and the Humber River bridge at an estimated cost of \$58,800, including associated traffic signs, pavement markings and planting material. Funding is available in the consolidated accounts for traffic calming to permit construction in 2008.

Attachments

1. Location Map

Report prepared by

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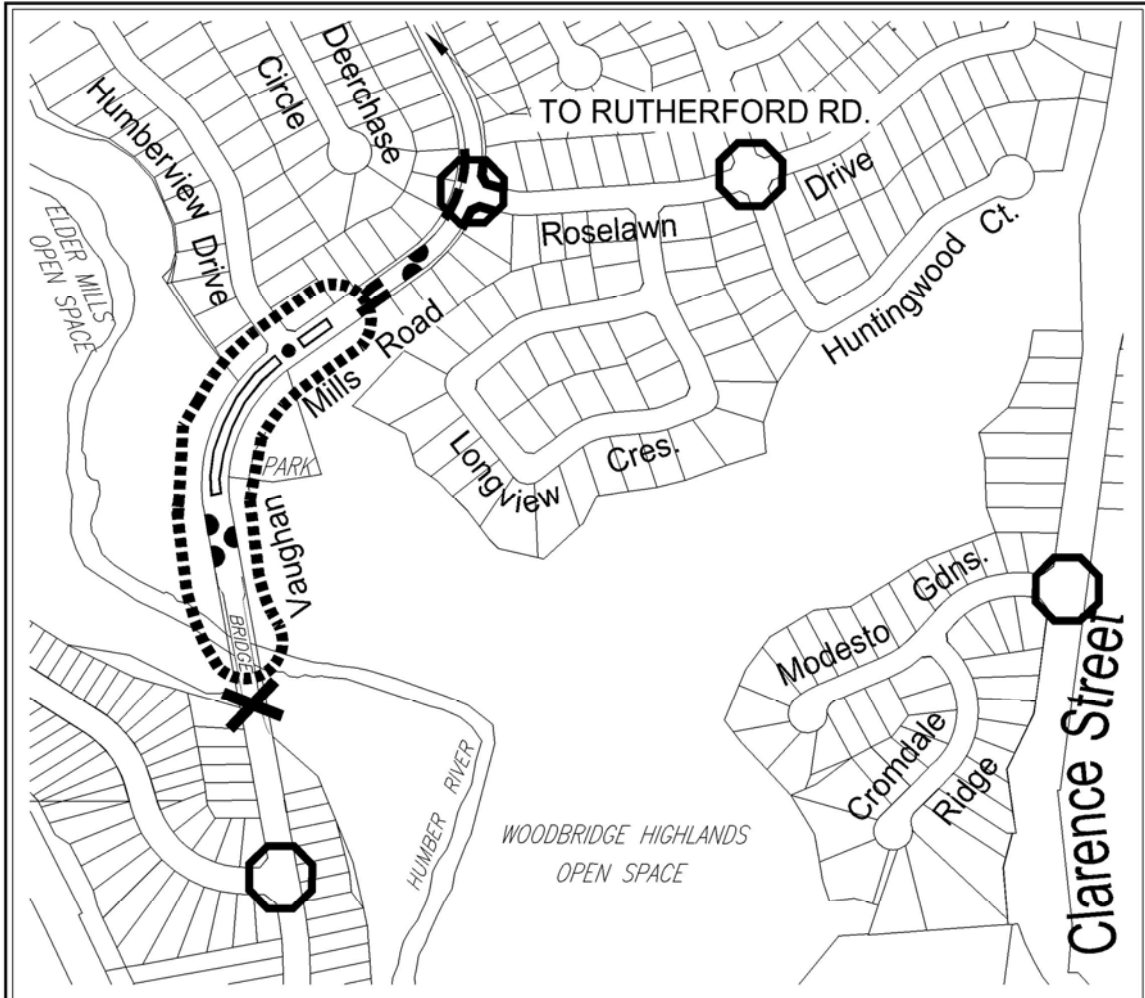
Respectfully submitted,

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

Debbie Korolnek, P. Eng.
Director of Engineering Services

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



ATTACHMENT No. 1



VAUGHAN MILLS ROAD TRAFFIC CALMING PROPOSAL

NOT TO SCALE

LEGEND

- | | | | |
|---|----------------------------------|---|--------------------------------|
|  | AREA UNDER REVIEW |  | EXISTING RAISED CENTRE MEDIANS |
|  | EXISTING RAISED CROSS WALK |  | PROPOSED INTERSECTION CIRCLE |
|  | EXISTING ALL-WAY STOP CONTROL |  | PROPOSED CHICANES |
|  | EXISTING PAINTED ROAD NARROWINGS |  | PROPOSED CURB EXTENSIONS |