

COMMITTEE OF THE WHOLE – DECEMBER 3, 2007

WESTON ROAD AND VILLA ROYALE AVENUE TRAFFIC CONTROL SIGNALS

Recommendation

The Commissioner of Engineering and Public Works recommends:

That this report be received for information purposes.

Economic Impact

None.

Communication Plan

Staff will send a copy of this report to the Region of York. The Region has included this intersection to their 2008 intersection improvement program for the installation of traffic control signals.

Purpose

To review the feasibility of installing traffic control signals at the intersection of Weston Road and Villa Royale Avenue, as directed by Council.

Background - Analysis and Options

At its April 2, 2007 meeting, the Committee of the Whole recommended:

- “1. The City of Vaughan receives the letter dated March 7, 2007 from Villa Royale Shopping Centre Inc. and requests the Region of York to review and complete a traffic control study in the vicinity of the above referenced intersection.**
- 2. That the City of Vaughan Council acknowledge concerns raised by the local shopping centre, residents of Vellore with respect to the volume of traffic, turning delay, pedestrian safety, and therefore supports the request for the Regional Municipality of York to complete a traffic control study including options, costs, and opportunities to address the traffic and pedestrian safety matters raised.**
- 3. It is further requested, that the Regional Municipality of York, consults with the City of Vaughan Engineering Department and produce a report at the earliest opportunity, no later than the end of May 2007.”**

Engineering Services staff received the correspondence from the Region of York in August 2007. York Region conducted a traffic study on March 27, 2007 and determined the intersection of Weston Road and Villa Royale Avenue meets the requirements of the Traffic Control Signal Warrant. The results of their traffic study have been summarized below:

Warrant Component	Weston Road and Villa Royale Avenue
1. Minimum Vehicular Delay	80%
2. Delay to Cross Traffic	87%
3. Collision Hazard	0%
4. Combination warrant (two of the above warrants satisfied 80% or more)	100 %

The Region of York has added this intersection to the 2008 intersection improvement program for the installation of traffic signals. The installation of traffic signals will improve the overall traffic operations and safety at this intersection for vehicular and pedestrian traffic.

Relationship to Vaughan Vision 2007

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

Regional Implications

The Region of York will install and maintain the traffic signal.

Conclusion

Based on the above review, the Region of York will install a traffic control signal at the intersection of Weston Road and Villa Royale Avenue in the 2008 year.

Attachments

1. Location Map

Report prepared by:

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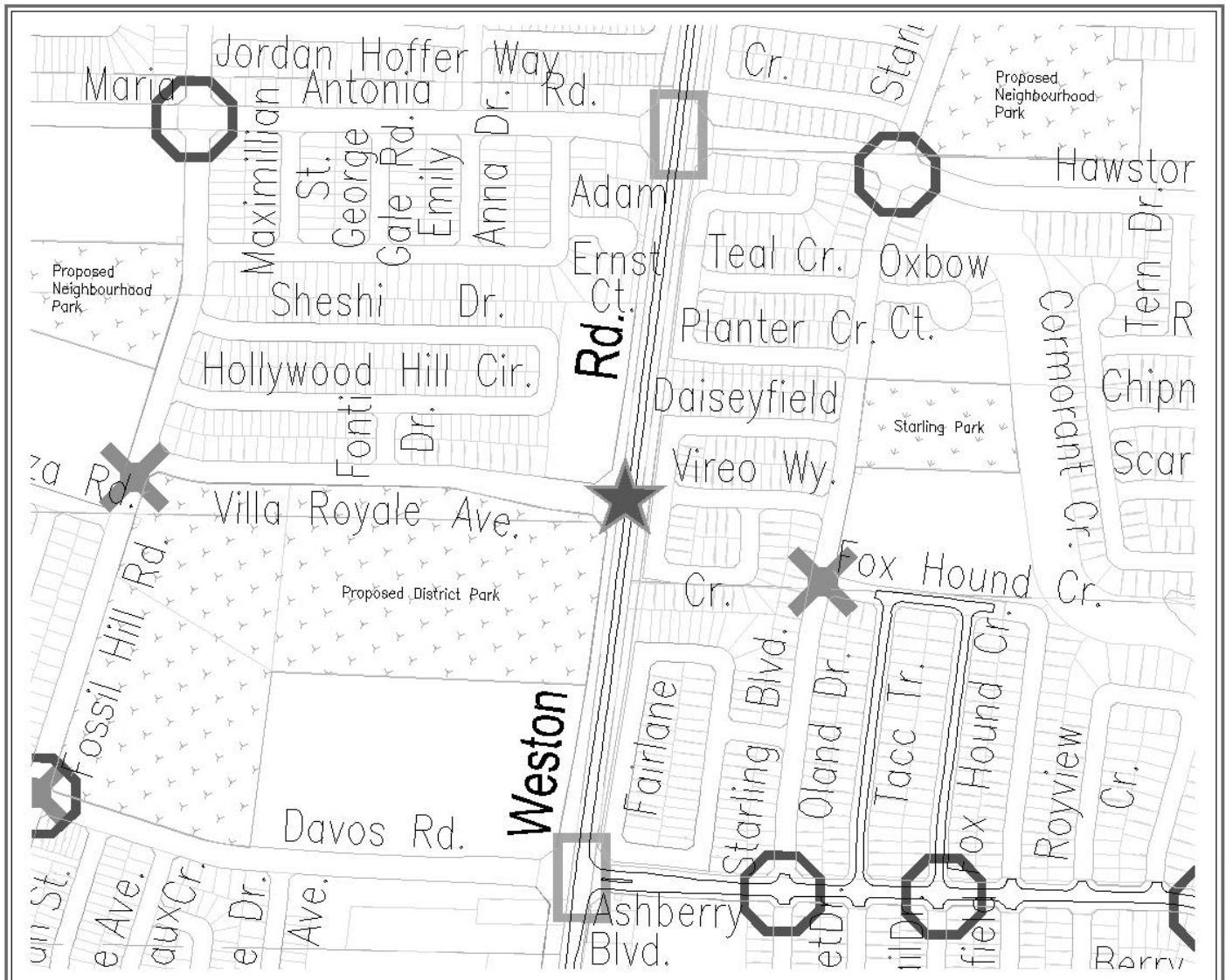
Respectfully submitted,

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

Gary P. Carroll, P. Eng.
Director of Engineering Services





LW:mc

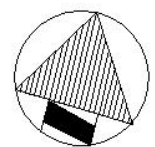
ATTACHMENT No. 1



WESTON ROAD & VILLA ROYALE AVENUE PROPOSED TRAFFIC CONTROL SIGNALS

LEGEND

-  INTERSECTION UNDER REVIEW
-  EXISTING TRAFFIC SIGNALS
-  EXISTING ALL-WAY STOP CONTROL
-  EXISTING SUPERVISED SCHOOL CROSSING



NOT TO SCALE