

COMMITTEE OF THE WHOLE – JUNE 7, 2004

ST. JOAN OF ARC AVENUE PROPOSED 40 KM/H SPEED LIMIT

Recommendation

The Commissioner of Engineering and Public Works recommends:

That the speed limit on St. Joan of Arc Avenue be reduced from 50 km/h to 40 km/h from Blackthorne Drive to Drummond Drive.

Purpose

To maintain a safe operating speed along this portion of St. Joan of Arc Avenue, in response to several requests from the local residents.

Background - Analysis and Options

St. Joan of Arc Avenue is a local feeder type road with an existing speed limit of 50 km/h south of Blackthorne Drive to Drummond Drive and with an existing 40 km/h speed limit north of Blackthorne Drive to Isaac Murray Avenue. The area is shown on Attachment No. 1

The roadway has two sharp curves between Blackthorne Drive and Drummond Drive which may potentially create a safety concern for motorists and pedestrians if driven at the posted speed.

Engineering Staff conducted ball-bank studies on April 23, 2004 to determine the appropriate advisory speed along the curves. Based on the results of the ball-bank studies, the recommended advisory speed is 20 km/h at both curves as per the Ontario Traffic Manuals. Engineering staff will arrange to have the signs installed.

Relationship to Vaughan Vision 2007

This traffic study is consistent with Vaughan Vision 2007 as to identify and implement innovative traffic management alternatives to improve general traffic safety (1.1.3).

The 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 the speed limit on St. Joan of Arc Avenue be reduced from 50 km/h to 40 km/h from Blackthorne Drive to Drummond Drive.

1. Location Map

Report prepared by

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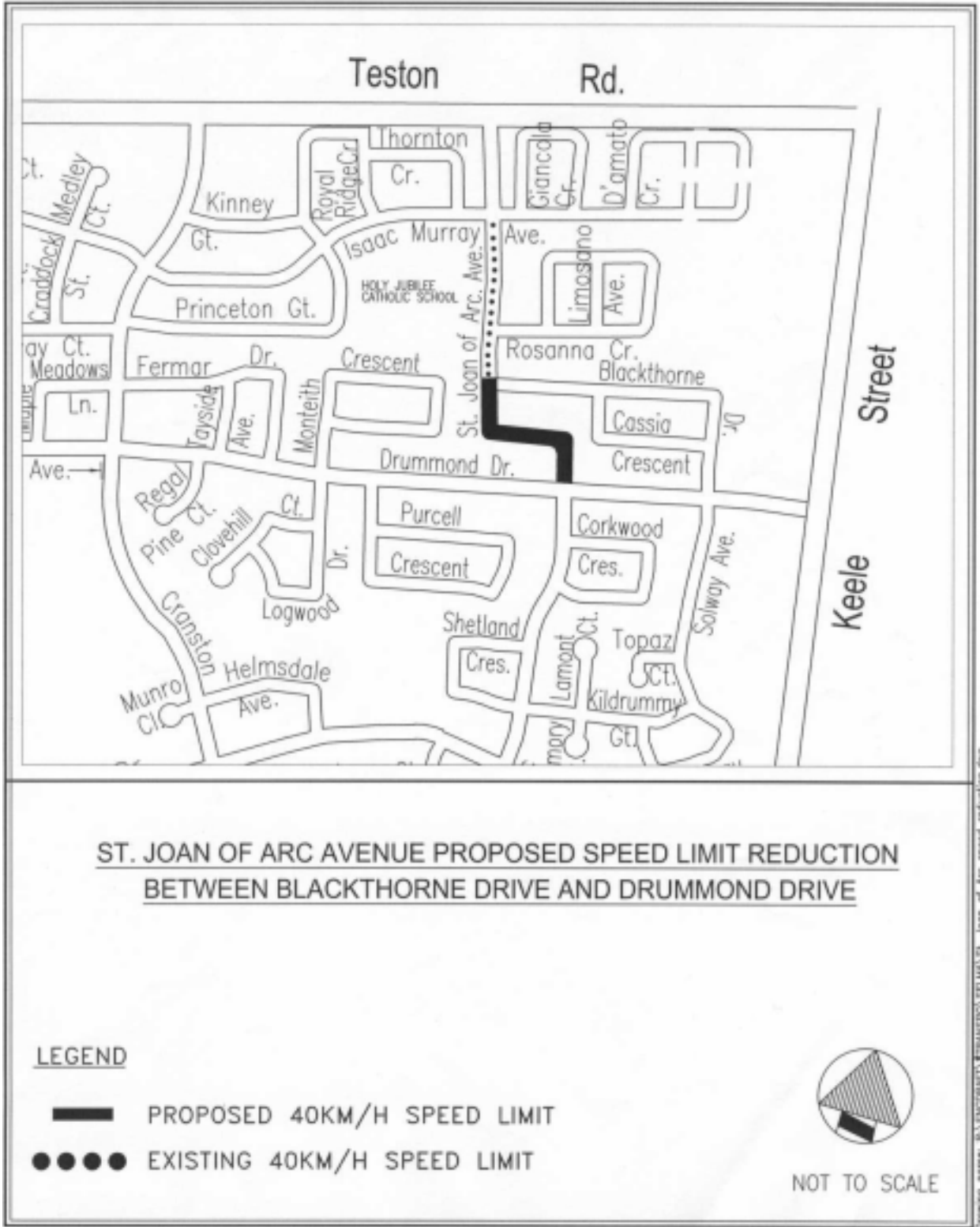
Respectfully submitted,

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

SH/fc

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

ATTACHMENT No. 1



Drawing Name: R:\ENGINEERING\TRANSPO\SELMIA\St. Joan of Arc speed reduction.dwg