

COMMITTEE OF THE WHOLE – SEPTEMBER 2, 2003

**TRAFFIC CALMING MEASURE REQUEST
ARNOLD AVENUE (WEST OF ATKINSON AVENUE)**

Recommendation

The Commissioner of Engineering and Public Works recommends:

1. That traffic calming measures not be installed as set out in Council's Neighbourhood Traffic Committee Policy and Procedure.

Purpose

To report on the implications of installing traffic calming measures on Arnold Avenue west of Atkinson Avenue.

Background

At its meeting of June 23, 2003, Council directed;

"That Engineering Staff assess the feasibility of traffic calming measures on Arnold Avenue on the west side of Atkinson Avenue".

This section of Arnold Avenue was not part of the initial Arnold Avenue Neighbourhood Traffic Committee and therefore, would be reviewed in accordance to the new policy and procedure. There have been requests made by local residents for traffic calming measures on this road. The existing posted speed limit on Arnold Avenue is 40 km/h. Refer to Attachment No. 1.

In accordance with the Council's Neighbourhood Traffic Committee Policy and Procedure;

Warrant 1 - speed humps shall be considered only when the following three warrants are met; the street is not a primary emergency response route, the speed limit is 50 km/h or less, and the average speed is measured to be 10 km/h greater than the speed limit.

Staff conducted radar speed surveys on three separate days during peak travel periods to determine the typical vehicle speeds on the road. The following table summarizes the results of these studies.

DATE	TIME	LOCATION	DIRECTION	AVERAGE SPEED
March 3, 2003	7:30-9:00 am	East of Campbell	Eastbound	37
March 3, 2003	7:30-9:00 am	East of Campbell	Westbound	43
July 18, 2003	7:30-9:00 am	East of Campbell	Eastbound	37
July 18, 2003	7:30-9:00 am	East of Campbell	Westbound	43
July 22, 2003	16:45-18:00 pm	East of Campbell	Eastbound	42
July 22, 2003	16:45-18:00 pm	East of Campbell	Westbound	43

Based on the above warrant, the warrant for the installation of speed humps on Arnold Avenue west of Atkinson Avenue is not met. This section of Arnold Avenue is considered a primary emergency response route.

Warrant 2 – the installation of medians, curb extensions or road narrowings shall be considered in existing areas only where the following two warrants are met; the speed limit is 50 km/h or less and the average speed on the street is measured to be 10 km/h greater than the speed limit.

Based on the above warrant, the warrant for the installation of medians, curb extensions or road narrowings on Arnold Avenue west of Atkinson Avenue is not met.

The installation of painted road narrowings may be installed on this section of Atkinson Avenue as a form of traffic calming used on other City roadways.

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 Arnold Avenue, 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 on the City Page in two separate editions of the Vaughan Citizen. Prior to construction, the City's normal practice is to mail letters to the residents of Arnold Avenue should traffic calming measures be approved informing them of their installation.

Conclusion

Based on staff's review, it is recommended that traffic calming measures not be installed on Arnold Avenue west of Atkinson Avenue as they do not meet the warrants adopted by Council.

Attachments

1. Location Map

Report prepared by

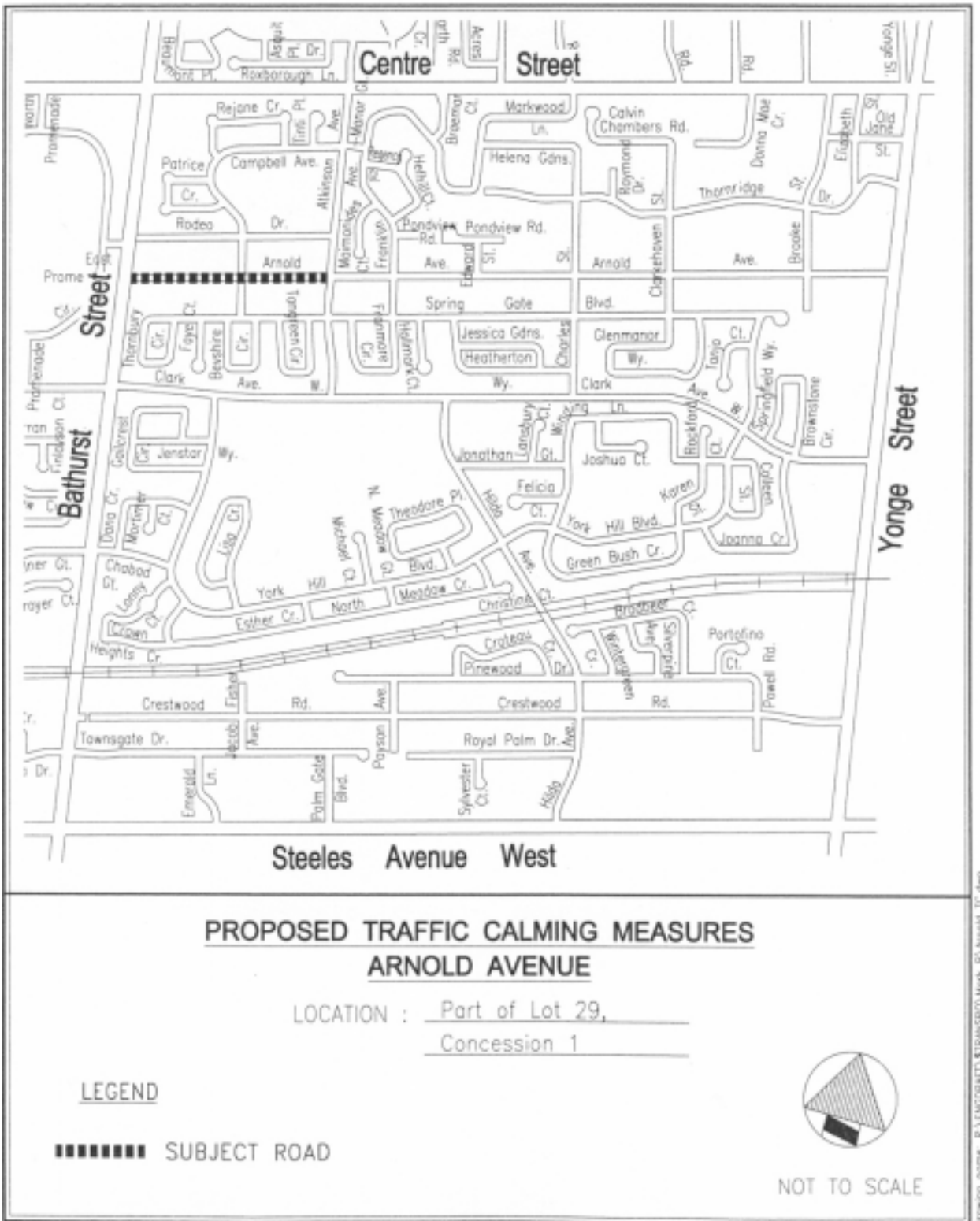
Mark Ranstoller, Transportation Analyst, ext. 8251
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Respectfully submitted,

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

MR/fc

ATTACHMENT No. 1



CITY OF WAGHAM - ENGINEERING DEPARTMENT

Drawing name: R:\ENGINEERING\TRANSPORT\Mark_RV\Arnold TC.dwg