

COMMITTEE OF THE WHOLE – SEPTEMBER 15, 2003

TRAFFIC CALMING MEASURE REQUEST - UPDATED ARNOLD AVENUE (WEST OF ATKINSON AVENUE)

Recommendation

The Commissioner of Engineering and Public Works recommends:

That this report on staff's findings regarding an assessment of traffic operations on Arnold Avenue west of Atkinson Avenue be received.

Purpose

To report on the results of the further traffic assessment undertaken on Arnold Avenue west of Atkinson Avenue. Further speed studies were conducted for comparison with those conducted earlier during the summer season.

Background

At its meeting of September 2, 2003, Council directed;

“That staff be directed to conduct a further traffic assessment during peak travel periods, and provide a report to the Committee of the Whole meeting of September 15, 2003, based on the findings”.

The existing speed limit on Arnold Avenue is 40 km/h. Refer to Attachment No. 1.

Staff conducted radar speed surveys on September 10th and 11th, 2003 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
September 10, 2003	16:15-18:00 pm	East of Campbell	Eastbound	46
September 10, 2003	16:15-18:00 pm	East of Campbell	Westbound	47
September 11, 2003	7:45-9:00 am	East of Campbell	Eastbound	40
September 11, 2003	7:45-9:00 am	East of Campbell	Westbound	45

As reported to Committee of the Whole on September 2, 2003, radar speed studies were conducted in March and July 2003. The results of those studies are shown in Attachment No. 2.

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.

Although the average speeds from the September studies are slightly higher than those measured earlier in the year, they still do not exceed the posted limit by 10 km/hr. 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 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
2. Extract from Council Meeting of September 8, 2003

Report prepared by

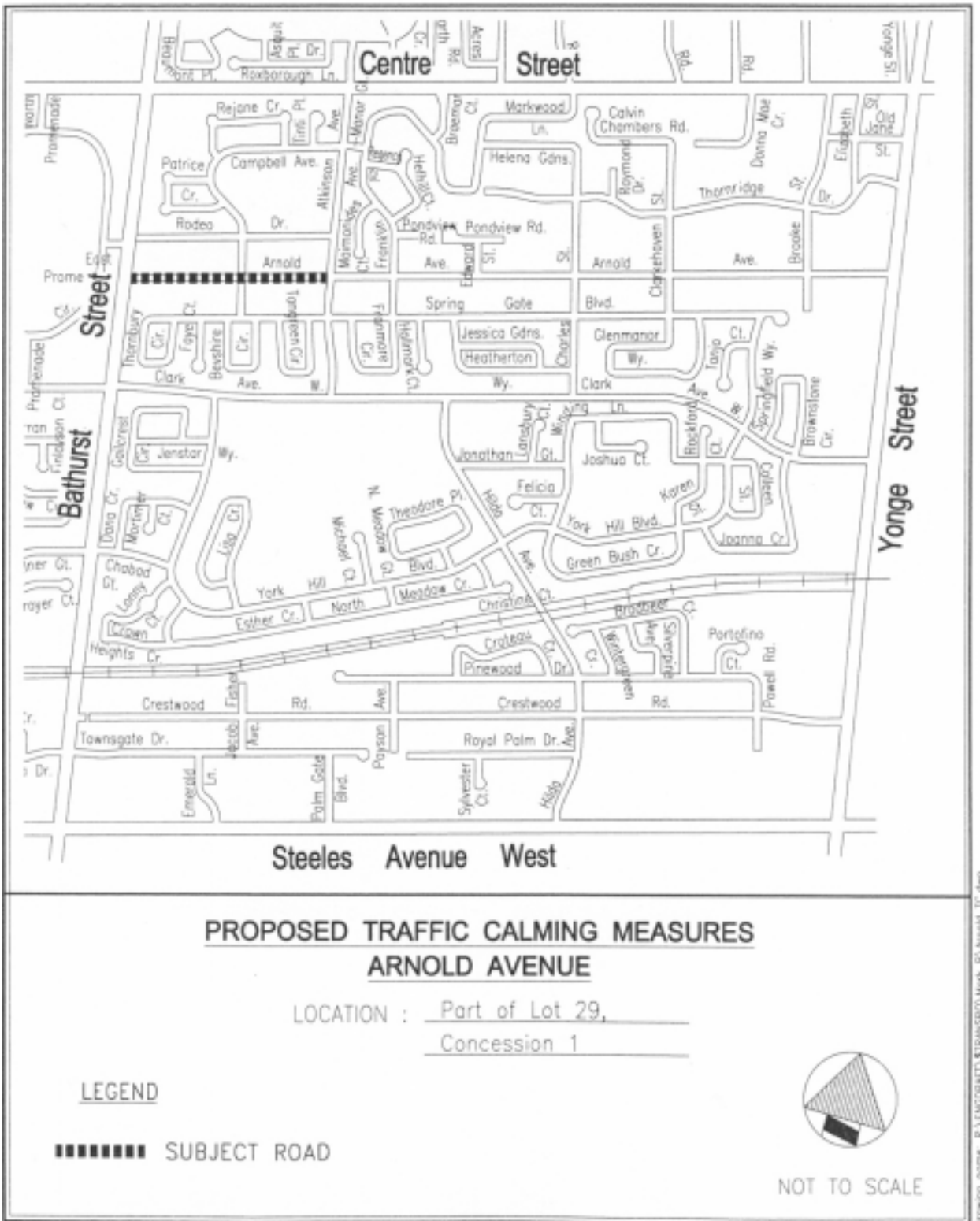
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Respectfully submitted,

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