

COMMITTEE OF THE WHOLE JUNE 16, 2008

MEETING HOUSE ROAD HEAVY TRUCK REVIEW

Recommendation

The Commissioner of Engineering and Public Works recommends:

That a “Heavy Truck” prohibition be implemented on Meeting House Road between Kipling Avenue and Clarence Street based on the results of the traffic data collection.

Economic Impact

The cost to install the ‘Heavy Truck’ prohibition signs would have an initial impact to the 2008 Operating Budget. There are sufficient funds available for this work. The on-going costs to maintain the signs would be incorporated in future Operating Budgets.

Communications Plan

Engineering Services staff will inform the resident of the decision by Council on this matter.

Purpose

To determine the heavy vehicle traffic usage on Meeting House Road, in response to a request from a local resident.

Background - Analysis and Options

A request has been received to review the heavy vehicle traffic usage on Meeting House Road. Meeting House Road has a 20.0 metre right-of-way with an 11.5 metre pavement width and two travel lanes with an existing posted speed limit of 40 km/h. There are 22 houses located on the south side of the Meeting House Road and The Board of Trade Golf Course is located on the north side from Clarence Street to 58.0 metres east of Norton Place. There is a hill on Meeting House Road from west property limit of the Board of Trade Golf Course to Kipling Avenue. The area is shown in Attachment No. 1.

Staff conducted traffic volume studies on Meeting House Road from May 13, 2008 – May 15, 2008, to determine the amount of heavy vehicle traffic currently on Meeting House Road. The results have been summarized below.

Direction	Total Vehicles	Total number of Trucks	Trucks Between 7:00 p.m. to 7:00 a.m.	Total Truck Percentage
Eastbound	5578	251	58	4.5%
Westbound	9044	358	67	4.0%

The heaviest recorded truck hours occurred between the hour's of 7:00 a.m. to 9:00 a.m. (EB = 51 trucks, WB = 89 trucks), 11:00 a.m. to 2:00 p.m. (EB = 64 trucks, WB = 77 trucks), and 4:00 p.m. to 7:00 p.m. (EB = 71 trucks, WB = 114 trucks).

It total, 609 heavy vehicles were recorded utilizing Meeting House throughout the three days the studies were conducted, resulting in 4.3% of the overall traffic. Engineering staff recommends that “Heavy Truck” prohibition signs be installed on Meeting House Road between Kipling Avenue and Clarence Street.

Given the geometric characteristics of Meeting House Road and its classification as a local roadway, heavy vehicles should not be using Meeting House Road between Kipling Avenue and Clarence Street on a regular basis. With the prohibition in place, the amount of heavy vehicles should be reduced to a minimum (delivery vehicles will be allowed to access the area). Roadways in the surrounding area such as Kipling Avenue, Islington Avenue and Highway 7 are designed to accommodate larger vehicles.

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.

Regional Implications

Not Applicable.

Conclusion

Based on the staff review, it is concluded that a 'Heavy Truck' prohibition is warranted based on the results of the traffic studies.

Attachments

1. Location Map

Report prepared by:

Peter Trinh, Senior Traffic Technologist, ext. 3120
Mike Dokman, Supervisor Traffic Engineering, ext 3118

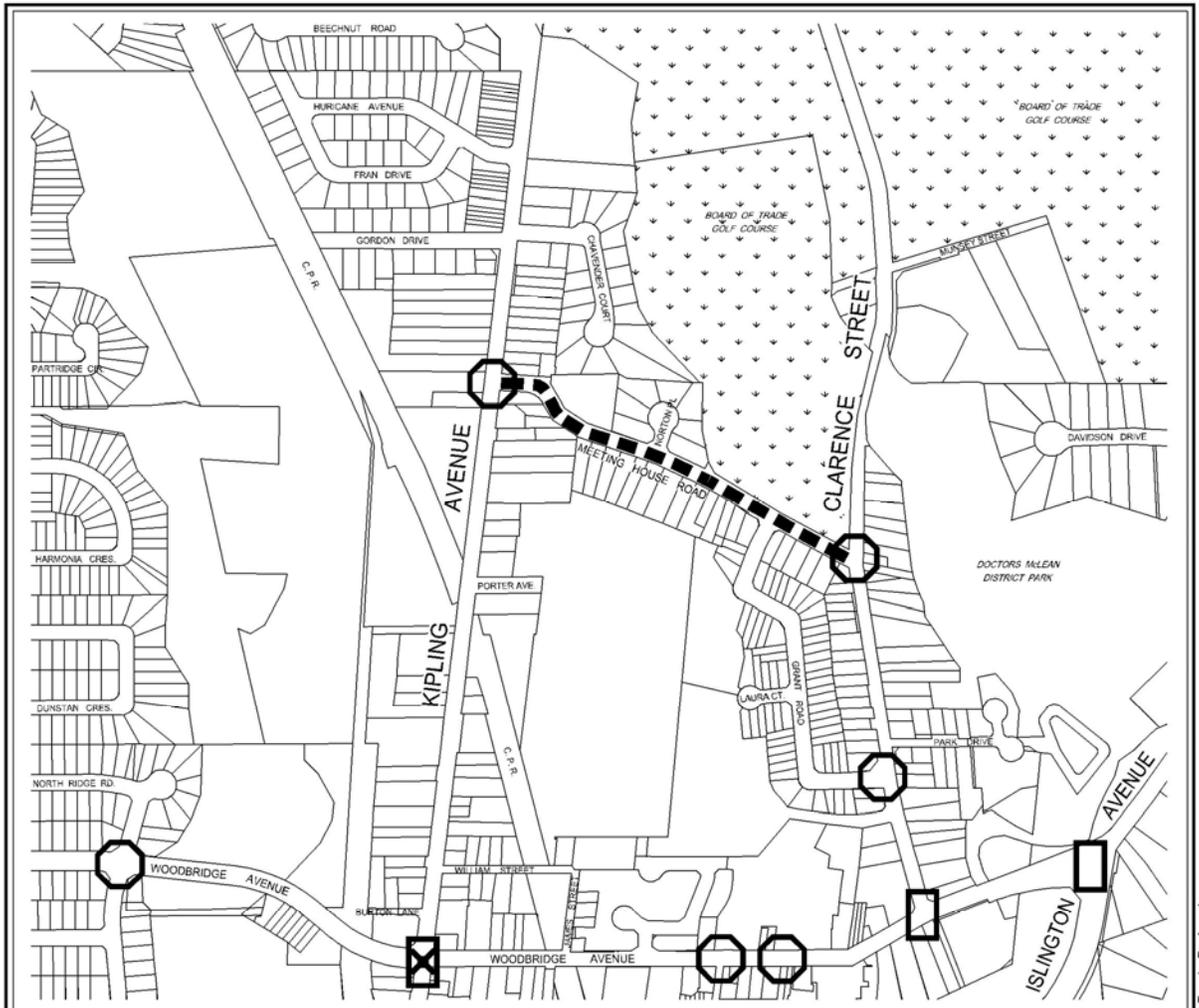
Respectfully submitted,

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

Debbie Korolnek, P. Eng.
Director of Engineering Services

PT:mc

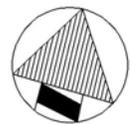
ATTACHMENT No. 1



MEETING HOUSE ROAD HEAVY TRUCK REVIEW

LEGEND

- ■ ■ ROADWAY UNDER REVIEW
- EXISTING TRAFFIC SIGNALS
- EXISTING ALL-WAY STOP CONTROL
- ✕ EXISTING SCHOOL CROSSING GUARD



NOT TO SCALE