

## **COMMITTEE OF THE WHOLE - DECEMBER 3, 2007**

### **TRAFFIC REVIEW CONTROLS AT ABERDEEN AVE. NEAR IMMACULATE CONCEPTION ELEMENTARY SCHOOL**

#### **Recommendation**

The Commissioner of Engineering and Public Works recommends:

1. That By-law 1-96, the Consolidated Parking By-law, be amended to add a 'No Stopping' prohibition from 8:00 am to 9:00 am, 11:30 am to 12:30 pm and 3:00 pm to 4:00 pm, Monday to Friday from September 1 to June 30 on the east side of Aberdeen Avenue between the north and south property limits of Immaculate Conception Catholic Elementary School;
2. That By-law Enforcement Services be requested to provide enforcement of the parking activity on Aberdeen Avenue in the vicinity of the Immaculate Conception Catholic Elementary School; and
3. Should Council consider alternative options as identified in the report, that development of a plan be discussed with the residents and a School Representative for possible implementation in the 2008/2009 year.

#### **Economic Impact**

The cost to install the 'No Stopping' signs would have an initial impact and will be absorbed in the 2008 Operating Budget. The on-going costs to maintain the signs would be an impact to future Operating Budgets.

#### **Communications Plan**

The Engineering Services Staff will contact the residents and a School Representative with the information in the report on the options presented to advise them of Council's decision in this matter.

#### **Purpose**

To present additional information to the Committee of the Whole, as stated in a previous report dated September 4, 2007.

#### **Background - Analysis and Options**

At its meeting on September 4, 2007, Council approved:

- "1. That a full traffic review in the vicinity of Immaculate Conception Catholic Elementary School located at 500 Aberdeen Avenue.**
- 2. That the Engineering Department review the installation of "No Parking/No Stopping" signs as may be required on Aberdeen Avenue; and**
- 3. That the review and recommendation be brought forward to a future Committee of the Whole meeting".**

Aberdeen Avenue is a collector roadway with a 26.0 metre right-of-way and a posted speed limit of 40 km/h. There are existing crossing guards on the south side of Governor Crescent and Aberdeen Avenue intersection and on the north side of Clover Leaf Street/Governor Crescent and

Aberdeen Avenue intersection. There is also an existing All-Way Stop control at these two intersections; and Immaculate Conception Catholic Elementary School is located in between these two intersections on the west side of Aberdeen Avenue. Refer to Attachment No. 1.

A parking review was conducted on Thursday, October 11, 2007 during the time periods of 8:00 am to 9:00 am, 11:30 am to 12:30 pm and from 3:00 pm to 4:00 pm in front of Immaculate Conception Catholic Elementary School. The weather on this day was sunny and clear. Observations show that vehicles were parked along Aberdeen Avenue on both sides of the roadway in front of the school during the study time periods. Double parking/stopping on the east side in front of Immaculate Conception Catholic Elementary School occurred occasionally; parents were talking with each others in the vehicles.

Aberdeen Avenue has a road width of approximately 14.0 metres. When vehicles are parked on both sides of the roadway, the available travel width is about 8 metres between the vehicles. It is sufficient space for vehicles to travel in both directions on the roadway. However, when vehicles were double parking/stopping on either side, they would impact the movement of Emergency and other service vehicles in front of the school and create sightline problems for drivers and pedestrians.

The installation of a 'No Stopping' Prohibition on the east side of Aberdeen Avenue in front of Immaculate Conception Catholic Elementary School will allow Emergency and other service vehicles less restrictive movements in front of the school and reduce the amount of congestion during the time periods. Also, the prohibition will eliminate small children crossing the roadway, possibly between vehicles, in an unsafe environment.

Staff conducted speed and volume studies on Aberdeen Avenue from November 5, 2007 to November 8, 2007 in front of Immaculate Conception Catholic Elementary School. The results have been summarized below.

Direction	Average Speed	85 <sup>th</sup> Percentile Speed	Daily Traffic
Northbound	46 km/h	55 km/h	1361
Southbound	46 km/h	55 km/h	1297

The recorded average speeds on Aberdeen Avenue are 46 km/h. The recorded 85<sup>th</sup> percentile speeds on Aberdeen Avenue are 55 km/h in each direction. Aberdeen Avenue is classified as a major collector road. The traffic volumes collected over a 24-hour period are well within a major collector road capacity. According to the Geometric Design Guide for Canadian Roads, Collector Roads can accommodate up to 12,000 vehicles per day.

In accordance with the Council approved Neighbourhood Traffic Committee Policy and Procedure, speed humps are 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.
- The average speed is 10 km/h greater than the speed limit.

The posted speed limit is 50 km/h or less. Aberdeen Avenue is an emergency response route - there is no transit route running through this section of Aberdeen Avenue. As per the June 25, 2007 Council meeting, the installation of vertical traffic calming measures on collector roadways such as Aberdeen Avenue is to be discontinued.

Staff have investigated and determined that other possible traffic calming measures such as a centre median and a painted road narrowings can be installed on the section from Governor Crescent (north intersection) to Clover Leaf Street/Governor Crescent (south intersection) on

Aberdeen Avenue. Curb bump-outs also can be installed on the west side of Aberdeen Avenue between the north and south property lines of Immaculate Conception Catholic Elementary School to define the school area.

### **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).

This report is consistent with the priorities previously set by Council and the necessary resources have been allocated and approved.

### **Regional Implications**

Not Applicable.

### **Conclusion**

Based on staff's review, it is recommended that 'No Stopping' signs with the time periods of 8:00 am to 9:00 am, 11:30 am to 12:30 pm and 3:00 pm to 4:00 pm, Monday to Friday from September 1 to June 30, be installed on the east side of Aberdeen Avenue between the north and south property lines of Immaculate Conception Catholic Elementary School.

That By-law Enforcement Services be requested to provide enforcement of the parking activity on Aberdeen Avenue in the vicinity of the Immaculate Conception Catholic Elementary School.

Should Council consider alternative options as identified in the report, that development of a plan be discussed with the residents and a School Representative for possible implementation in the year 2008.

### **Attachments**

1. Location Map

### **Report prepared by:**

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

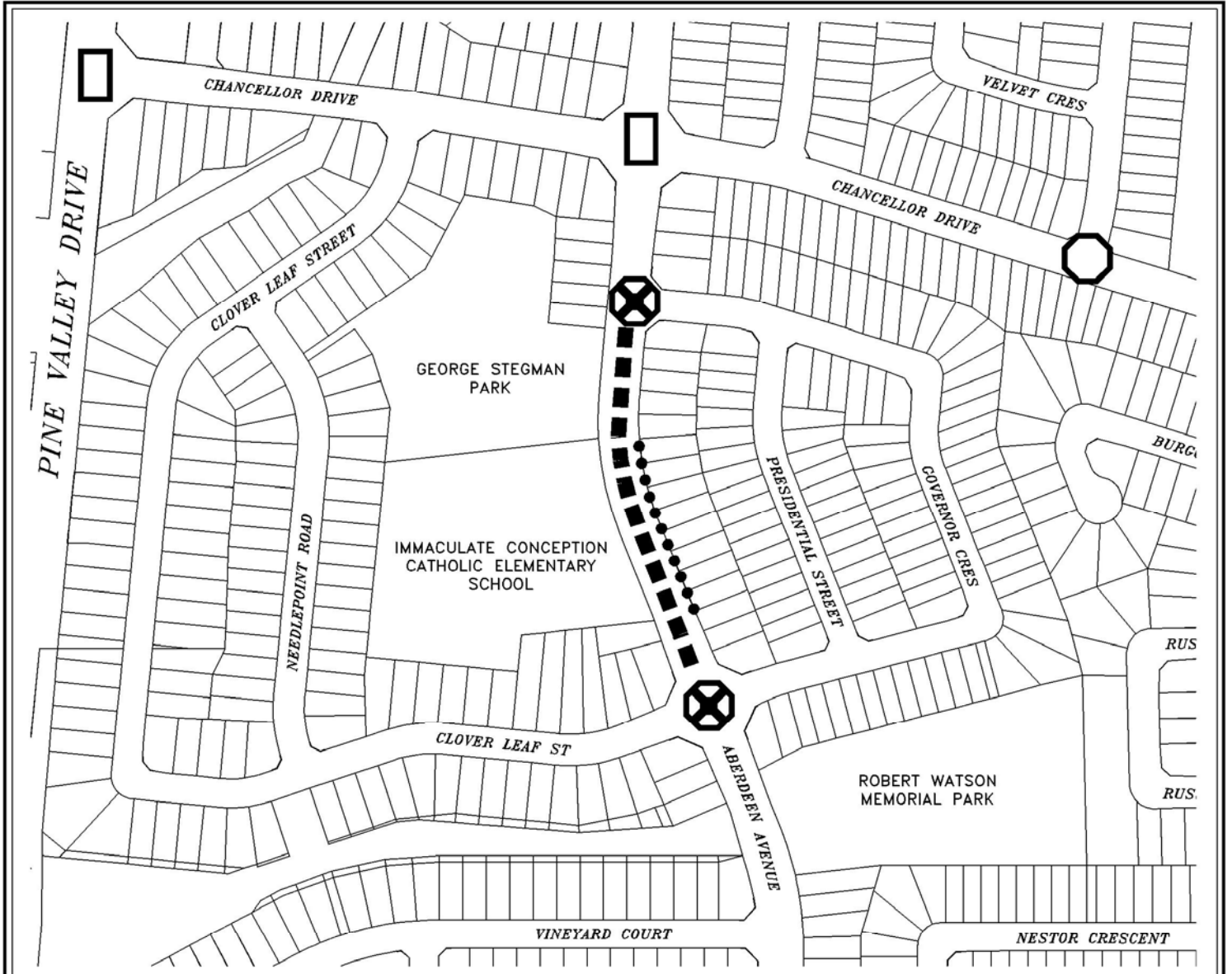
Respectfully submitted,

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

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

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# ATTACHMENT No. 1



## ABERDEEN AVENUE near IMMACULATE CONCEPTION ELEMENTARY SCHOOL TRAFFIC REVIEW

### LEGEND

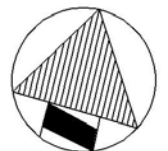
■ ■ ■ ROAD SECTION UNDER REVIEW

● ● ● PROPOSED STOPPING PROHIBITION

□ EXISTING TRAFFIC SIGNALS

○ EXISTING ALL-WAY STOP CONTROL

✕ EXISTING SCHOOL CROSSING GUARD



NOT TO SCALE