

**COMMITTEE OF THE WHOLE – APRIL 19, 2004**

**VIA CARMINE AVENUE AND FONTESELVA AVENUE  
VIA CARMINE AVENUE AND CASA VISTA DRIVE  
PROPOSED ALL-WAY STOP CONTROL**

**Recommendation**

The Commissioner of Engineering and Public Works recommends:

1. That an all-way stop control not be installed at the intersection of Via Carmine Avenue and Fonteselva Drive; and
2. That an all-way stop control not be installed at the intersection of Via Carmine Avenue and Casa Vista Drive.

**Purpose**

To review the feasibility of implementing an all-way stop control at the intersections of Via Carmine Avenue and Fonteselva Drive and at Via Carmine Avenue and Casa Vista Drive, in response to direction from Council.

**Background - Analysis and Options**

At its meeting on March 29, 2004 Council directed:

**“That the written submission of Mr. Dino Giuliani, Sonoma Heights Ratepayers Association, dated March 22, 2004, with respect to the four-way stops at Via Carmine Avenue and Casa Vista Drive and Via Carmine Avenue and Fonteselva Avenue, be received, and that this matter be deferred to staff for a report to the Committee of the Whole meeting of April 19, 2004.”**

Via Carmine Avenue, Fonteselva Avenue and Casa Vista Drive are local residential roads with statutory speed limits of 50 km/h. Existing two-way stop controls are located on Fonteselva Avenue, at Via Carmine Avenue and on Casa Vista Drive, at Via Carmine Avenue, respectively. The area is shown on Attachment No. 1.

The Sonoma Heights Ratepayers Association has expressed concerns at these intersections, citing the lack of all-way stop controls.

Staff conducted turning movement counts on March 25, 2004 at both intersections during peak travel periods. The times the counts were conducted were from 7:30 a.m. to 9:00 a.m. and 3:00 p.m. to 5:30 p.m. The collected traffic volumes compared to the Provincial Warrant for All-way Stop Control are as shown below.

**Via Carmine Avenue and Fonteselva Avenue**

- Warrant 1 – Minimum Vehicular Volumes Warranted 19%
- Warrant 2 – Accident Hazard Warranted 25%
- Warrant 3 – Sight Restriction Warranted 0%

**Via Carmine Avenue and Casa Vista Drive**

- Warrant 1 – Minimum Vehicular Volumes Warranted 31%
- Warrant 2 – Accident Hazard Warranted 0%
- Warrant 3 – Sight Restriction Warranted 0%

For an all-way stop control to be warranted, one or more of the 3 warrants must be satisfied 100% or more. The results of both turning movement counts do not meet the requirements of the Provincial Warrant for All-Way Stop Control.

There are no sight distance restrictions noted at either intersection. There were no reported vehicle collisions at the intersection of Via Carmine Avenue and Casa Vista Drive. There was one vehicle collision (July 2003) at the intersection of Via Carmine Avenue and Fonteselva Avenue.

### **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.

### **Conclusion**

Based on staff's review, it is recommended that an all-way stop control not be installed at the intersections of Via Carmine Avenue and Fonteselva Drive nor at Via Carmine Avenue and Casa Vista Drive.

### **Attachments**

1. Location Map

### **Report prepared by**

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Respectfully submitted,

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Commissioner of Engineering and Public Works

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

# ATTACHMENT No. 1

