

**COMMITTEE OF THE WHOLE – MAY 10, 2011**

**VIA ROMANO BOULEVARD AND QUEEN FILOMENA AVENUE  
ALL-WAY STOP CONTROL REVIEW  
WARD 4**

**Recommendation**

The Commissioner of Engineering and Public Works recommends:

That a by-law be enacted to install an all-way stop control at the intersection of Via Romano Boulevard and Queen Filomena Avenue.

**Contribution to Sustainability**

The installation of an all-way stop control at the intersection of Via Romano Boulevard and Queen Filomena Avenue will promote and improve traffic flow and pedestrian movements in this area.

**Economic Impact**

Sufficient funding for installation of the all-way stop signs and pavement markings (stop bars) has been included in the approved 2011 Operating Budget. The on-going costs to maintain the signs and pavement markings would be incorporated in future year Operating Budgets.

**Communications Plan**

Engineering Services staff will advise area residents of the outcome of Council's decision in this matter.

**Purpose**

To review the feasibility of implementing an all-way stop control at the intersection of Via Romano Boulevard and Queen Filomena Avenue, in response to a request received from a resident.

**Background - Analysis and Options**

Engineering Services staff reviewed the traffic activity at the intersection of Via Romano Boulevard and Queen Filomena Avenue.

Via Romano Boulevard and Queen Filomena Avenue are both classified as minor collector roadways with a 23.0 metre right-of-way and a pavement width of 11.5 metres. The existing stop control is on Via Romano Boulevard. The area is shown in Attachment No.1.

Staff conducted a turning movement count on Wednesday, March 23, 2011 at this intersection. This intersection is a three leg 'tee' intersection. The study was conducted during the peak morning and afternoon time periods of 7:00 am to 9:00 am and 4:00 pm to 6:00 pm. On the day of the traffic study the weather was lightly snowing. The data collected was compared to the Provincial Warrant for All-Way Stop Control with the following results:

- |   |           |     |
|---|-----------|-----|
| • Warrant 1 – Minimum Vehicular Volumes | Warranted | 97% |
| • Warrant 2 – Accident Hazard           | Warranted | 0%  |
| • Warrant 3 – Sight Restriction         | Warranted | 0%  |

All-way stop controls are recommended when one of the above warrants are satisfied to 100% or more. Existing traffic volumes fulfill 97% of the required 100% on the warrant. There have been no recorded vehicle collisions in the past 12 month period. There are no sight restrictions at this intersection. According to the results above, this intersection does not meet the minimum requirements of the Provincial Warrant for All-Way Stop Control.

Staff however believes it would be beneficial to install an all-way stop control at the intersection of Via Romano Boulevard and Queen Filomena Avenue. The warrant requires 120 vehicles/pedestrians entering the intersection from the side street. Staff recorded 116 vehicles/pedestrians from the side street, only 4 vehicles/pedestrians below the criteria in the All-Way Stop Warrant. Since the 4 vehicles/pedestrians to meet the warrant could be met at anytime and due to the close vicinity of the school and continuing area development, it would be beneficial to install the all-way stop control at this time.

### **Relationship to Vaughan Vision 2020/Strategic Plan**

In consideration of the strategic priorities related to Vaughan Vision 2020, the recommendations of this report will assist in:

- Pursue Excellence in Service Delivery;
- Enhance and Ensure Community Safety, Health & Wellness; and
- Lead and Promote Environmental Sustainability.

This report is consistent with the priorities previously set by Council.

### **Regional Implications**

Not Applicable.

### **Conclusion**

Based on Engineering Services staff's review, it is recommended that an all-way stop control be installed at the intersection of Via Romano Boulevard and Queen Filomena Avenue.

### **Attachments**

1. Location Map

### **Report prepared by:**

Mark Ranstoller, Senior Traffic Technologist, Ext. 8726  
Mike Dokman, Supervisor, Traffic Engineering, Ext. 8745

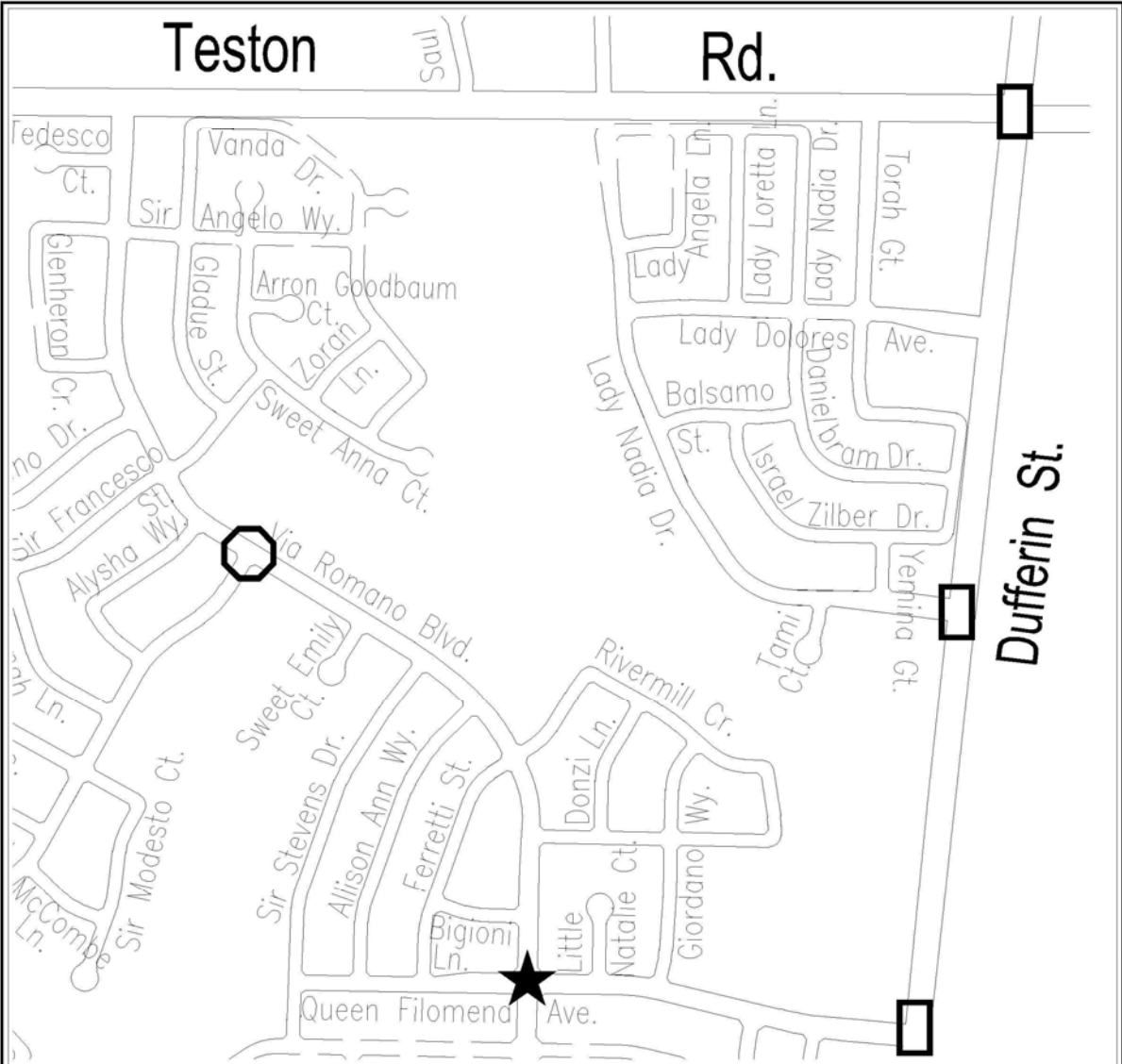
Respectfully submitted,

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

Jack Graziosi, P. Eng., M. Eng.  
Director of Engineering Services

MR:mc

# ATTACHMENT No. 1



## VIA ROMANO BOULEVARD AND QUEEN FILOMENA AVENUE ALL-WAY STOP CONTROL REVIEW

**LEGEND**

- PROPOSED ALL-WAY STOP CONTROL
- EXISTING ALL-WAY STOP
- EXISTING TRAFFIC SIGNAL



NOT TO SCALE

Drawing name: O:\Engineering Services\Design Drafting\TRAFFIC\Mark RV\via romano and queen filomena all way stop.dwg