

**CITY OF VAUGHAN**

**EXTRACT FROM COUNCIL MEETING MINUTES OF DECEMBER 9, 2014**

Item 13, Report No. 41, of the Committee of the Whole, which was adopted without amendment by the Council of the City of Vaughan on December 9, 2014.

**13** **TRAFFIC REVIEW**  
**JULIA VALENTINA AVENUE AND FONTESELVA AVENUE/MODESTO VALLEY COURT**  
**WARD 2**

**The Committee of the Whole recommends:**

- 1) That an all-way stop control be installed at the intersection of Julia Valentina Avenue and Fonteselva Avenue/Modesto Valley Court; and**
- 2) That the following report of the Commissioner of Public Works and the Director of Engineering Services, dated December 2, 2014, be received.**

**Recommendation**

The Commissioner of Public Works and the Director of Engineering Services recommend:

1. That an all-way stop control not be installed at the intersection of Julia Valentina Avenue and Fonteselva Avenue/Modesto Valley Court.

**Contribution to Sustainability**

Not Applicable.

**Economic Impact**

Not Applicable.

**Communications Plan**

Not Applicable

**Purpose**

The purpose of this report is to address Council's direction from the Committee of the Whole meeting held on June 24, 2014:

**"That staff be directed to prepare at the earliest opportunity a staff report on the appropriateness of a stop sign at this site."**

**Background - Analysis and Options**

Julia Valentina Avenue and Fonteselva Avenue/Modesto Valley Court are local roadways with a 17.5 metre right-of-way and an 8.0 metre pavement width. The intersection of Julia Valentina Avenue and Fonteselva Avenue/Modesto Valley Court is a four leg cross intersection with the existing stop sign controls on Fonteselva Avenue and Modesto Valley Court. The area is shown in Attachment No.1.

**A traffic review of the Julia Valentina Avenue and Fonteselva Avenue/Modesto Valley Court intersection was conducted**

Staff conducted a traffic study on September 16, 2014 to determine the feasibility of implementing an all-way stop control at the intersection of Julia Valentina Avenue and Fonteselva

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#### Item 13, CW Report No. 41 – Page 2

Avenue/Modesto Valley Court. Traffic volumes were collected during the peak time periods of 7:00 a.m. to 9:00 a.m., and 4:00 p.m. to 6:00 p.m. The Provincial Warrant was not met. The data collected was compared to the Provincial Warrant for All-Way Stop Control with the following results:

•Warrant 1 – Minimum Vehicular Volumes	Warranted	20%
•Warrant 2 – Accident Hazard	Warranted	0%
•Warrant 3 – Sight Restriction	Warranted	0%

The highest peak travel period in the study was from 8:00 a.m. to 9:00 a.m. with a total of 67 vehicles observed from all approaches and 20 vehicles from the side street. There were 8 pedestrians that crossed Julia Valentina Avenue during the peak hour.

All-way stop controls are recommended when one of the above warrants are satisfied 100% or more. The combined vehicles from the side street and pedestrians crossing the main road are low (28) when compared to the warrant (120). The warrant for total volume is 350 and during the highest peak travel period only 67 vehicles were recorded. There have been no reported vehicle collisions at this intersection that would be susceptible to correction by an all-way stop, from 2012 to April 2013. There are no sight distance restrictions at this intersection.

In view of the information above, staff does not recommend an all-way stop at the intersection of Julia Valentina Avenue and Fonteselva Avenue/Modesto Valley Court as the Provincial Warrant was not met.

#### **Installation of unwarranted stop signs leads to undesirable driver behaviours and is not a sustainable practice**

Drivers tend to speed up between stop signs to make up for a perceived loss in time, and they roll through stop signs as they are not challenged for the right of way by cars from the side streets. This creates potential conflict for pedestrians expecting the car to stop and increasing the potential for rear-end collisions when following cars do not expect the car ahead to come to a complete stop.

#### **Due to the proximity of Lorna Jackson Public School, St. Stephen Catholic Elementary School and Sunset Ridge Park to the intersection, a pedestrian activity review was also undertaken**

The Video Collection Unit (VCU) was installed on Julia Valentina Avenue, south of Fonteselva Avenue/Modesto Valley Court, viewing north. Data was collected from 7:00 a.m. to 9:00 a.m., and 3:00 p.m. to 6:00 p.m. on September 9th and 10th, 2014 to identify the number of pedestrians crossing in the vicinity of the intersection to access the schools and the park.

The weekday observations showed from 15 to 20 pedestrians crossing Julia Valentina Avenue in the vicinity of Fonteselva Avenue/Modesto Valley Court. Observations showed students gathering on the sidewalk at the northeast corner of the intersection to wait for the school bus. There were no unusual conflicts between vehicles and pedestrians noted and the intersection operates as expected. As a result, staff does not recommend improvements to this intersection at this time.

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

Not Applicable.

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**Regional Implications**

Not Applicable.

**Conclusion**

The results of the traffic studies undertaken at the intersection of Julia Valentina Avenue and Fonteselva Avenue/Modesto Valley Court are provided in this report. Staff does not recommend any additional action at this time.

**Attachments**

1. Location Map
2. Extract from Council Meeting Minutes of June 24, 2014, Item 46, Report No. 30 of the Committee of the Whole.

**Report prepared by:**

Mark Ranstoller, Senior Traffic Technologist, Ext. 8726  
Vince Musacchio, Manager of Capital Planning & Infrastructure, Ext. 8311

(A copy of the attachments referred to in the foregoing have been forwarded to each Member of Council and a copy thereof is also on file in the office of the City Clerk.)

## **COMMITTEE OF THE WHOLE – DECEMBER 3, 2014**

### **TRAFFIC REVIEW**

#### **JULIA VALENTINA AVENUE AND FONTESELVA AVENUE/MODESTO VALLEY COURT WARD 2**

##### **Recommendation**

The Commissioner of Public Works and the Director of Engineering Services recommend:

1. That an all-way stop control not be installed at the intersection of Julia Valentina Avenue and Fonteselva Avenue/Modesto Valley Court.

##### **Contribution to Sustainability**

Not Applicable.

##### **Economic Impact**

Not Applicable.

##### **Communications Plan**

Not Applicable

##### **Purpose**

The purpose of this report is to address Council's direction from the Committee of the Whole meeting held on June 24, 2014:

**“That staff be directed to prepare at the earliest opportunity a staff report on the appropriateness of a stop sign at this site.”**

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

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##### **A traffic review of the Julia Valentina Avenue and Fonteselva Avenue/Modesto Valley Court intersection was conducted**

Staff conducted a traffic study on September 16, 2014 to determine the feasibility of implementing an all-way stop control at the intersection of Julia Valentina Avenue and Fonteselva Avenue/Modesto Valley Court. Traffic volumes were collected during the peak time periods of 7:00 a.m. to 9:00 a.m., and 4:00 p.m. to 6:00 p.m. The Provincial Warrant was not met. The data collected was compared to the Provincial Warrant for All-Way Stop Control with the following results:

- |   |           |     |
|---|-----------|-----|
| • Warrant 1 – Minimum Vehicular Volumes | Warranted | 20% |
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The highest peak travel period in the study was from 8:00 a.m. to 9:00 a.m. with a total of 67 vehicles observed from all approaches and 20 vehicles from the side street. There were 8 pedestrians that crossed Julia Valentina Avenue during the peak hour.

All-way stop controls are recommended when one of the above warrants are satisfied 100% or more. The combined vehicles from the side street and pedestrians crossing the main road are low (28) when compared to the warrant (120). The warrant for total volume is 350 and during the highest peak travel period only 67 vehicles were recorded. There have been no reported vehicle collisions at this intersection that would be susceptible to correction by an all-way stop, from 2012 to April 2013. There are no sight distance restrictions at this intersection.

In view of the information above, staff does not recommend an all-way stop at the intersection of Julia Valentina Avenue and Fonteselva Avenue/Modesto Valley Court as the Provincial Warrant was not met.

**Installation of unwarranted stop signs leads to undesirable driver behaviours and is not a sustainable practice**

Drivers tend to speed up between stop signs to make up for a perceived loss in time, and they roll through stop signs as they are not challenged for the right of way by cars from the side streets. This creates potential conflict for pedestrians expecting the car to stop and increasing the potential for rear-end collisions when following cars do not expect the car ahead to come to a complete stop.

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

Not Applicable.

**Regional Implications**

Not Applicable.

**Conclusion**

The results of the traffic studies undertaken at the intersection of Julia Valentina Avenue and Fonteselva Avenue/Modesto Valley Court are provided in this report. Staff does not recommend any additional action at this time.

**Attachments**

1. Location Map
2. Extract from Council Meeting Minutes of June 24, 2014, Item 46, Report No. 30 of the Committee of the Whole.

**Report prepared by:**

Mark Ranstoller, Senior Traffic Technologist, Ext. 8726  
Vince Musacchio, Manager of Capital Planning & Infrastructure, Ext. 8311

Respectfully submitted,

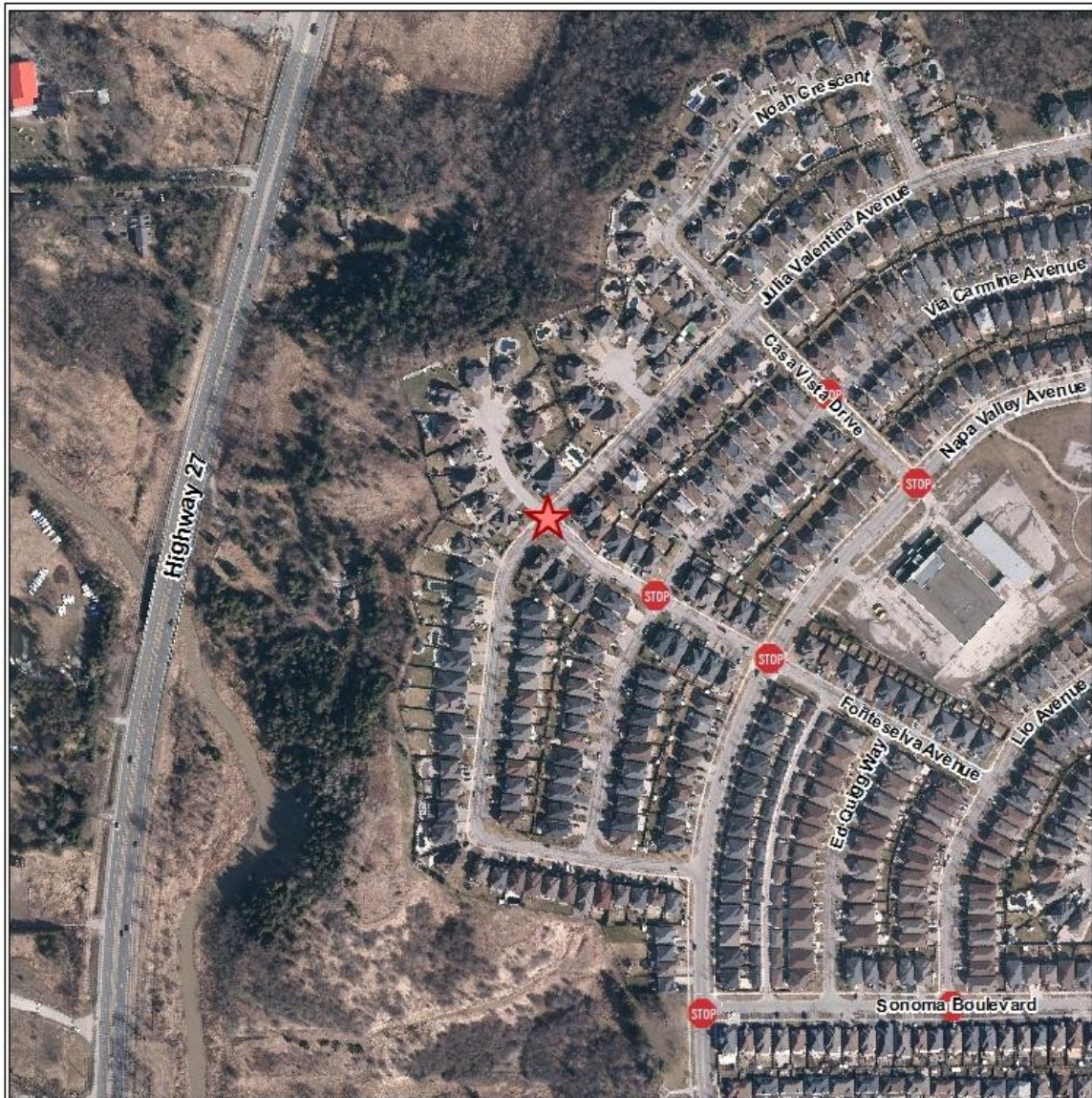
Paul Jankowski  
Commissioner of Public Works

Jack Graziosi  
Director of Engineering Services

MR:mm





# ATTACHMENT No.1



## LOCATION MAP ALL-WAY STOP CONTROL REVIEW

### LEGEND

-  INTERSECTION IN REVIEW
-  EXISTING ALL WAY STOP

LOCATION: Julia Valentina Avenue &  
Fontesella Avenue/Modesto Valley Court

Note: Aerial photography acquired Spring, 2014



NOT TO SCALE

## ATTACHMENT NO. 2

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#### EXTRACT FROM COUNCIL MEETING MINUTES OF JUNE 24, 2014

Item 46, Report No. 30, of the Committee of the Whole, which was adopted without amendment by the Council of the City of Vaughan on June 24, 2014.

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46                      **STOP SIGN AT JULIA VALENTINA AVENUE AND MODESTO  
                                 VALLEY/FONTESELVA AVENUE (WARD 2)**

The Committee of the Whole recommends approval of the recommendation contained in the following resolution submitted by Councillor Carella, dated June 17, 2014:

**Member's Resolution**

Submitted by Councillor Tony Carella

*Whereas*, the residents in the vicinity of the intersection of Julia Valentina Ave. and Modesto/Fonteselva Avenue have requested a stop sign at this intersection; and

*Whereas*, observations by third parties have confirmed that motorists travelling in either direction along this section of the road do appear to drive at speeds in excess of the legal limit; and

*Whereas*, a few years past, a motorist lost control of their vehicle and crashed onto a front lawn at 101 Julia Valentina Ave., knocking the hydro vault and the boulevard tree, and

*Whereas*, it appears that the number of families with young children living in the area is above average;

*It is therefore recommended that* appropriate staff be directed to prepare at the earliest opportunity a staff report on the appropriateness of a stop sign at this site.