

**CITY OF VAUGHAN**

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

Item 31, Report No. 36, of the Committee the Whole, which was adopted, as amended, by the Council of the City of Vaughan on September 9, 2014, as follows:

***By approving:***

***That an all-way stop control be installed at the intersection of Kingsview Drive at Casa Nova Drive;***

***That the necessary By-law be enacted; and***

***That the report of the Commissioner of Public Works and the Director of Engineering Services, dated September 2, 2014, be received.***

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**TRAFFIC REVIEW  
KINGSVIEW DRIVE AT CASA NOVA DRIVE  
WARD 3**

**The Committee of the Whole recommends that consideration of this matter be deferred to the Council meeting of September 9, 2014.**

**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 Kingsview Drive at Casa Nova Drive; and
2. That a school crossing guard not be deployed at the intersection of Kingsview Drive at Casa Nova Drive.

**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 December 10, 2013:

**"That staff bring forward a report to a future committee of the Whole meeting reviewing pedestrian and traffic activity on Kingsview Drive in the vicinity of Casa Nova Drive"**

**Background - Analysis and Options**

Kingsview Drive and Casa Nova Drive are local roadways with a 17.5 metre right-of-way and an 8.0 metre pavement width. The intersection of Kingsview Drive and Casa Nova Drive is a tee intersection with the existing stop sign control on Casa Nova Drive. Fossil Hill Public School, St. Veronica Catholic Elementary School and Kingsview Park is accessible from this intersection via a pathway located opposite Casa Nova Drive. The area is shown in Attachment No.1.

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**A traffic review of the Kingsview Drive and Casa Nova Drive intersection was conducted**

Staff had previously conducted a traffic study on September 26, 2012 to determine the feasibility of implementing an all-way stop control at the intersection of Kingsview Drive and Casa Nova Drive. The Provincial Warrant was not met at that time. A subsequent study was conducted on May 14, 2014. Traffic volumes were collected during the peak time periods of 7:00 a.m. to 9:00 a.m., and 3:00 p.m. to 6:00 p.m. The data collected was compared to the Provincial Warrant for All-Way Stop Control with the following results:

•Warrant 1 – Minimum Vehicular Volumes	Warranted	39%
•Warrant 2 – Accident Hazard	Warranted	0%
•Warrant 3 – Sight Restriction	Warranted	0%

The highest peak travel period in the 2014 study was from 8:00 a.m. to 9:00 a.m. with a total of 137 vehicles observed from all approaches and 23 vehicles from the side street. There were 38 pedestrians that crossed Kingsview Drive 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 is low (61) when compared to the warrant (120). The warrant for total volume is 350 and during the highest peak travel period only 137 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 do not recommend an all-way stop at the intersection of Kingsview Drive and Casa Nova Drive as the Provincial Warrant was not met.

**A School Crossing Guard Review was undertaken on May 14, 2014**

A pedestrian study was also undertaken at the intersection of Kingsview Drive and Casa Nova Drive, to determine if a school crossing guard is warranted. The study was carried out on May 14, 2014 between the hours of 8:00 a.m. - 9:05 a.m., 12:00 p.m. - 1:00 p.m., and 2:55 p.m. - 4:00 p.m.

In accordance with the Council approved policy, a school crossing guard is recommended when the number of combined unassisted crossings exceeds 50 in the peak hours (both a.m. and p.m.).

A total of 26 unassisted crossings were recorded on the south side of the intersection of Kingsview Drive and Casa Nova Drive during the study period, and no unassisted crossings were identified during the lunch hour.

Based on the results of the pedestrian study, staff do not recommend the provision of a school crossing guard at the intersection of Kingsview Drive and Casa Nova Drive.

**Due to the proximity of Fossil Hill Public School, St. Veronica Catholic Elementary School and Kingsview Park to the intersection, a pedestrian activity review was undertaken during the summer season**

The Video Collection Unit (VCU) was installed on Kingsveiw Drive, south of Casa Nova Drive, viewing north. Data was collected from 7:00 a.m. to 5:00 p.m. on June 11th and 12th, 2014 to identify the number of pedestrians crossing Kingsview Drive between Casa Nova Drive and Kingsview Park.

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The weekday observations showed from 71 to 80 pedestrians crossing Kingsview Drive at Casa Nova Drive, and 49 to 55 crossing Kingsview Drive along the Kingsview Park boundary. The combined pedestrian count in this section of Kingsview Drive ranged from 120 to 155 during the study period.

**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 Kingsview Drive and Casa Nova Drive are provided in this report. Staff do not recommend any additional action at this time.

**Attachments**

1. Location Map
2. Extract from Council Meeting Minutes of December 10, 2013, Item 32, Report No. 52 of the Committee of the Whole.

**Report prepared by:**

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(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.)