

**CITY OF VAUGHAN**

**EXTRACT FROM COUNCIL MEETING MINUTES OF SEPTEMBER 25, 2012**

Item 8, Report No. 33, of the Committee of the Whole, which was adopted without amendment by the Council of the City of Vaughan on September 25, 2012.

**8**

**ALL-WAY STOP CONTROL REVIEW  
SUMMERIDGE DRIVE AND GAUGUIN AVENUE  
WARD 4**

**The Committee of the Whole recommends approval of the recommendation contained in the following report of the Commissioner of Engineering and Public Works, dated September 4, 2012:**

**Recommendation**

The Commissioner of Engineering and Public Works recommends that:

Council enact a By-law to install an all-way stop control at the intersection of Summeridge Drive and Gauguin Avenue.

**Contribution to Sustainability**

Not Applicable.

**Economic Impact**

The capital costs associated with the installation of the all-way stop signs is estimated to be \$500.00, and has been included in the approved 2012 Operating Budget. The on-going costs to maintain the signs and pavement markings (stop bars), is estimated to be \$150.00 per annum, and will be incorporated in future year Operating Budgets.

**Communications Plan**

Engineering Services staff will advise area residents and the businesses within the Thornhill Woods Centre 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 Summeridge Drive and Gauguin Avenue, in response to a request received from an area resident.

**Background - Analysis and Options**

Staff carried out a review of the traffic activity at the intersection of Summeridge Drive and Gauguin Avenue.

Summeridge Drive is a minor collector roadway with a 23.0 metre right-of-way and an 11.5 metre pavement width. Gauguin Avenue is classified as a local roadway with a 17.5 metre right-of-way and an 8.0 metre pavement width. The intersection of Summeridge Drive and Gauguin Avenue is a four-leg intersection with the existing stop controls on Gauguin Avenue. It is noted that access to the Thornhill Woods Centre is located on the south leg of this intersection. The Thornhill Woods Centre features a variety of uses, including a medical clinic, an animal clinic, a bank, a day care facility and several restaurants. The area is shown in Attachment No.1.

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Staff conducted a turning movement count on June 6, 2012 at this intersection. The study was conducted during the peak traffic periods of 7:00 a.m. to 9:00 a.m. and 3:00 p.m. to 6:00 p.m. Staff also reviewed the accident records for 2011 and sight lines at the approaches to the intersection. The data collected was compared to the Provincial Warrant for All-way Stop Control with the following results:

• Warrant 1 – Minimum Vehicular Volumes	Warranted	112%
• Warrant 2 – Accident Hazard	Warranted	25%
• Warrant 3 – Sight Restriction	Warranted	0%

All-way stop controls are recommended when one of the above warrants are satisfied to 100% or more. As shown above, existing traffic volumes exceed Warrant #1 requirements. There was one recorded vehicle collision at this intersection in the year 2011. To date, this is the latest collision data available from York Regional Police. There are no sight restrictions at this intersection. As the information above indicates, this intersection meets the minimum requirements of the Provincial Warrant for All-way Stop Control.

Staff has contacted the resident who supports the proposed all-way stop control. The proposed all-way stop would also benefit both vehicular and pedestrian movements in the area.

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

In consideration of the strategic priorities related to Vaughan Vision 2020, the recommended all-way stop will improve traffic flow for both drivers and pedestrians at the intersection, thus enhancing community design.

#### **Regional Implications**

Not Applicable.

#### **Conclusion**

It is recommended that an all-way stop control be installed at the intersection of Summeridge Drive and Gauguin Avenue, as the minimum requirement of the Provincial Warrant for All-way Stop Control is met.

#### **Attachments**

1. Location Map

#### **Report prepared by:**

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MR:mm

(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.)