

**CITY OF VAUGHAN**

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

Item 30, 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.

**30**

**ALL-WAY STOP CONTROL REVIEW  
GOLDEN FOREST ROAD AND CORAL ACRES DRIVE/  
ST. CECILIA CATHOLIC ELEMENTARY SCHOOL DRIVEWAY  
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 and the Director of Engineering Services, dated June 17, 2014:**

**Recommendation**

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

1. That Council enacts a By-law to install an all-way stop control at the intersection of Golden Forest Road and Coral Acres Drive/St. Cecilia Catholic Elementary School driveway.

**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 2014 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**

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 Golden Forest Road and Coral Acres Drive/St. Cecilia Catholic Elementary School driveway.

**Background - Analysis and Options**

**A review of the existing operations of the intersection of Golden Forest Road and Coral Acres Drive/St. Cecilia Catholic Elementary School driveway was conducted**

Staff carried out a review of the traffic activity at the intersection of Golden Forest Road and Coral Acres Drive/St. Cecilia Catholic Elementary School driveway.

Golden Forest Road is a minor collector roadway with a 23.0 metre right-of-way and an 11.5 metre pavement width. Coral Acres Drive is classified as a local roadway with a 17.5 metre right-of-way and an 8.0 metre pavement width. The intersection of Golden Forest Road and Coral Acres Drive/St. Cecilia Catholic Elementary School driveway is a four-leg intersection with the existing stop controls on Coral Acres Drive. The south leg of the intersection is a driveway access to St. Cecilia Catholic Elementary School. The area is shown in Attachment No.1.

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**The existing traffic volumes at the intersection of Golden Forest Road and Coral Acres Drive/St. Cecilia Catholic Elementary School driveway, exceed the Provincial Warrant for All-way Stop Controls**

Staff conducted a turning movement count on May 21, 2014 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 2013 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	141%
•Warrant 2 – Accident Hazard	Warranted	0%
•Warrant 3 – Sight Restriction	Warranted	0%

**All-way Stop Controls are recommended at the intersection of Golden Forest Road and Coral Acres Drive/St. Cecilia Catholic Elementary School driveway**

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 were zero recorded vehicle collisions at this intersection in the year 2013. 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.

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 promoting community safety, health and wellness.

**Regional Implications**

Not Applicable.

**Conclusion**

It is recommended that an all-way stop control be installed at the intersection of Golden Forest Road and Coral Acres Drive/St. Cecilia Catholic Elementary School driveway, 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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(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.)