

**CITY OF VAUGHAN**

**EXTRACT FROM COUNCIL MEETING MINUTES OF MAY 27, 2014**

Item 11, Report No. 21, of the Committee of the Whole, which was adopted without amendment by the Council of the City of Vaughan on May 27, 2014.

11

**ALL-WAY STOP CONTROL REVIEW  
CHATFIELD DRIVE AND SEDGEWICK PLACE  
WARD 3**

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 May 13, 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 Chatfield Drive and Sedgewick Place.

**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 Chatfield Drive and Sedgewick Place.

**Background - Analysis and Options**

**A review of the existing operations of the intersection of Chatfield Drive and Sedgewick Place was conducted**

Staff carried out a review of the traffic activity at the intersection of Chatfield Drive and Sedgewick Place.

Chatfield Drive is a minor collector roadway with a 23.0 metre right-of-way and an 11.5 metre pavement width. Sedgewick Place is classified as a local roadway with a 17.5 metre right-of-way and an 8.0 metre pavement width. The intersection of Chatfield Drive and Sedgewick Place is a three-leg intersection with the existing stop controls on Sedgewick Place. The south leg of the intersection is currently under construction and when complete this intersection will be a four-leg intersection. The area is shown in Attachment No.1.

## **CITY OF VAUGHAN**

### **EXTRACT FROM COUNCIL MEETING MINUTES OF MAY 27, 2014**

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#### **The existing traffic volumes at the intersection of Chatfield Drive and Sedgewick Place exceed the Provincial Warrant for All-way Stop Controls**

Staff conducted a turning movement count on April 23, 2014 at this intersection. The study was conducted during the peak traffic periods of 7:00 a.m. to 9:00 a.m. and 4:00 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	114%
•Warrant 2 – Accident Hazard	Warranted	0%
•Warrant 3 – Sight Restriction	Warranted	0%

#### **All-way Stop Controls are recommended at the intersection of Chatfield Drive and Sedgewick Place**

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 Chatfield Drive and Sedgewick Place as the minimum requirement of the Provincial Warrant for All-way Stop Control is met.

#### **Attachments**

1. Location Map

#### **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 – MAY 13, 2014**

### **ALL-WAY STOP CONTROL REVIEW CHATFIELD DRIVE AND SEDGEWICK PLACE WARD 3**

#### **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 Chatfield Drive and Sedgewick Place.

#### **Contribution to Sustainability**

Not Applicable.

#### **Economic Impact**

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Staff will advise area residents of the outcome of Council's decision in this matter.

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**Attachments**

1. Location Map

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

Respectfully submitted,

Paul Jankowski  
Commissioner of Engineering and Public Works  
MR:mm

Jack Graziosi  
Director of Engineering Services

# ATTACHMENT No.1



## LOCATION MAP

### ALL-WAY STOP CONTROL REVIEW

LOCATION: Chatfield Drive & Sedgewick Place

## LEGEND



Intersection Under Review



EXISTING TRAFFIC SIGNAL

Note: Aerial photography acquired Spring, 2013



NOT TO SCALE