



## Corporate Report

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**Report from** Transportation & Environmental Services, Operations

**Date of Report:** April 22, 2013

**Date of Meeting:** May 13, 2013

**Report Number:** TES-129-2013

**File:** 77.37.99

**Subject:** Mac Turnbull Drive / Welstead Drive – All-way Stop

### Recommendation

That Council direct staff to implement an all-way stop at the intersection of MacTurnbull Drive / Welstead Drive; and

That the City Solicitor be requested to prepare the necessary by-law. FORTHWITH

### Background

City staff received a request from an area resident to investigate the installation of an all-way stop at the intersection of MacTurnbull Drive / Welstead Drive. The resident's concern was that traffic volumes and speed made pedestrian crossing difficult for school aged children attempting to walk to Power Glen School. The purpose of the all-way stop was to provide a controlled pedestrian crossing.

### Report

MacTurnbull Drive is an east / west collector road connecting Vansickle Road with Louth Street / Pelham Road. The road carries approximately 3,000 vehicles per day. Welstead Drive is a north / south neighbourhood collector road connecting St. Paul Street West and MacTurnbull Drive. The road carries approximately 1,000 vehicles per day.

Upon investigation, staff determined that there was merit in installing an all-way stop at this intersection. Both roads are collector roads within the neighbourhood and the traffic volume ratio between streets (3:1) is sufficient enough to consider all-way stop control.

An all-way stop currently exists at the intersection of MacTurnbull Drive / Westland Street. One of the primary reasons for this all-way stop was to provide a controlled crossing for pedestrians, specifically school-aged children, to access Power Glen School and Brockview Park. Staff are of the opinion that a controlled crossing at MacTurnbull Drive / Welstead Drive would address the same pedestrian related issues. While the intersection currently does not meet the volume requirements set out in the Council approved all-way stop warrant, the volumes are approaching

these levels and will most likely meet the criteria in the near term. As such, staff are of the opinion that an all-way stop would be beneficial in addressing the needs of the community and are recommending same.

### **Financial Implications**

The cost of converting the intersection to an all-way stop control is expected to be approximately \$1,500. These costs will be funded by the annual operating budget (Traffic Safety Devices).

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### **Approved by:**

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