



## Corporate Report

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

**Date of Report:** November 1, 2012      **Date of Meeting:** November 12, 2012

**Report Number:** TES-637-2012      **File:** 77.37.99

**Subject:** Request for All-way Stop Control – York Street at Louisa Street

### Recommendation

That staff be directed to install an all-way stop control at the intersection of York Street and Louisa Street; and

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

### Background

Staff are in receipt of a request from area residents and Councillor Elliott to install an all-way stop control at the intersection of York Street and Louisa Street. The following report will outline staff's position in this regard.

### Report

York Street is a two-lane, two-way local collector road that connects Welland Avenue to Carlton Street. Louisa Street is a two-lane, two-way local road that connects Thomas Street to Catherine Street and crosses over York Street and Lake Street. Louisa Street currently stops at York Street. A four-way flashing beacon currently exists at the intersection and provides supplementary information to drivers about the operation of the intersection. The intersection approaches on Louisa Street have red flashing beacons indicating a stop condition while the approaches on York Street have yellow flashing beacons indicating that caution should be used.

In response to the request for an all-way stop control at the intersection, staff undertook a review. Based on the results of this review, an all-way stop control is not justified based on the technical warranting criteria (volume splits, collision experience etc.). However, the intersection does serve as a school route and a number of children use the intersection daily. Furthermore, the existing overhead flashing beacon is in poor condition and needs to be replaced at a cost of \$15,000. Rather than replacing the overhead flashing beacon, installing an all-way stop control at the intersection is an option. As such, staff are recommending this direction.

## **Financial Implications**

The cost to install an all-way stop control at the intersection of York Street and Louisa Street is approximately \$500. These costs will be funded by the annual operating budget (Traffic Safety Devices). The City will save approximately \$15,000 by not replacing the existing overhead flashing beacon at the intersection as well as approximately \$500 in annual operating costs (electrical power and maintenance).

## **Conclusion**

Based on the information assembled during the review, staff are recommending that the intersection of York Street and Louisa Street be converted to an all-way stop control. Although not technically justified, the installation will help pedestrian movements through the intersection as well reduce the City's operating costs. If approved, the conversion is expected to take place on Monday, December 3, 2012. At that time, the overhead flashing beacons facing York Street traffic will be changed to a red lens indicating a stop condition. The overhead flashing beacon will remain operational for a few months while drivers adjust to the all-way stop control. The overhead flashing beacon will be removed in early March.

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