

BUDGET COMMITTEE – FEBRUARY 5, 2008

BATHURST STREET AND MARC SANTI BOULEVARD TRAFFIC CONTROL SIGNALS

Recommendation

The Commissioner of Engineering and Public Works in consultation with the Deputy City Manager/Commissioner of Finance and Corporate Services recommends:

1. That, subject to the approval of the 2008 Capital Budget, in accordance with their Traffic Signal Warrant policy, the Region of York be requested to install traffic signals at the intersection of Bathurst Street and Marc Santi Boulevard; and
2. That the City of Vaughan fund the installation of these traffic signals in the amount of \$125,000 and once the Regional warrants are met, the City of Vaughan will request reimbursement from the Region of York for the full cost of the installation.

Economic Impact

A request for funding the cost of the installation of the traffic signals has been included in the draft 2008 Capital Budget. There will be ongoing costs (estimated to be \$4,000 annually) associated with the maintenance of the traffic signals until the signals are warranted in future Operating Budgets.

Communication Plan

A copy of this report will be forwarded to the Region of York for their action.

Purpose

To request the Region of York to install traffic control signals at the intersection of Bathurst Street and Marc Santi Boulevard.

Background - Analysis and Options

A request to provide safe pedestrian movement at the intersection of Bathurst Street and Marc Santi Boulevard was received in the fall, 2007. The concern is for the students and other pedestrians who are required to cross Bathurst Street to attend the new private high school or the Lebovic Jewish Community Centre. Several students that travel by transit are dropped off on the east side of Bathurst Street at Marc Santi Boulevard, where the existing bus stop is situated. As there is no traffic signal at this intersection, students cross the road when gaps in traffic occur.

The Region of York completed a review for the feasibility on the implementation of traffic signals at this intersection. The traffic signal did not fully meet requirements of the Region of York Traffic Signal Warrant for installation. The Region's policy does provide for installation of unwarranted signals at the municipality's cost if certain conditions are met. The Regional policy provides that if Warrant 1, minimum vehicle volumes, and Warrant 2, delay to cross traffic, are satisfied by at least 70%, then the local municipality can request the Region to install the traffic signals at the expense of the local municipality. The Region will review the warrants annually for up to 5 years. Should the warrant be met within the 5 year period following the installation of the traffic signals, the Region will then reimburse the municipality the full cost of installation.

The existing warrant values are: Warrant 1 – 66% and Warrant 2 - 80%. The Region recognizes the development growth and pedestrian crossing issues at this intersection and will allow traffic signals to be installed.

The installation of traffic signals will improve the overall traffic operations and safety at this intersection for vehicular and pedestrian traffic.

Relationship to Vaughan Vision 2020

Enhance and Ensure Community Safety, Health & Wellness – to advocate for, protect and enhance community safety, health and wellness through education, design and enforcement.

This report is consistent with the priorities previously set by Council.

Regional Implications

The Region of York will install the traffic signal control at the intersection of Bathurst Street and Marc Santi Boulevard and will invoice the City of Vaughan for the initial installation costs and for the annual maintenance cost until the signal is warranted.

Conclusion

Installation of a traffic signal at this intersection will improve safety for pedestrians. Based on the above review, should Council approve the funding and request the Region to proceed, the Region of York will install a traffic control signal at the intersection of Bathurst Street and Marc Santi Boulevard in 2008 and the City will pay for the installation. The City is required to pay for the maintenance of the traffic signal (annual cost \$4,000) until such time the traffic signal warrant is met.

Attachments

1. Location Map

Report prepared by:

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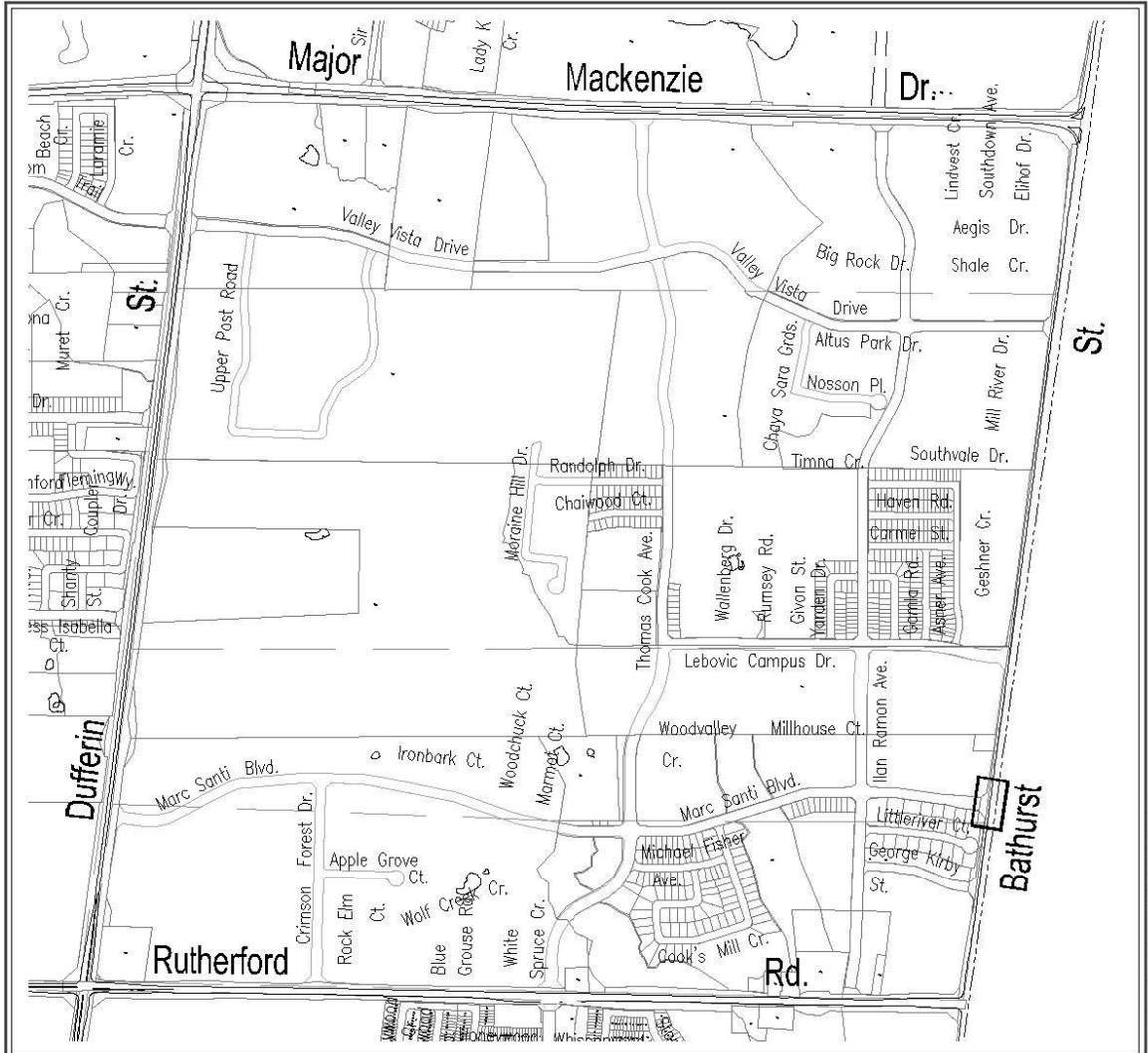
Respectfully submitted,

Bill Robinson, P. Eng.
Commissioner of Engineering and Public Works

Mike Dokman, C.E.T.
Supervisor, Traffic Engineering

MD:mc

ATTACHMENT No. 1

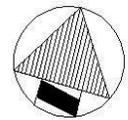


BATHURST STREET AND MARC SANTI BOULEVARD PROPOSED TRAFFIC SIGNALS

LEGEND



PROPOSED TRAFFIC SIGNALS



NOT TO SCALE