



**STAFF REPORT  
ACTION REQUIRED**

**Traffic Control Signals – Broadview Avenue and Bridgepoint Drive**

<b>Date:</b>	June 2, 2014
<b>To:</b>	Toronto and East York Community Council
<b>From:</b>	Director, Transportation Services, Toronto and East York District
<b>Wards:</b>	Toronto-Danforth – Ward 30
<b>Reference Number:</b>	Ts2014089te.top.docx

**SUMMARY**

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Transportation Services is seeking authority from City Council to install traffic control signals at the intersection of Broadview Avenue and Bridgepoint Drive and prohibit traffic movements through the intersection to Victor Avenue, which is off-set approximately 15 metres north of Bridgepoint Drive.

The installation of traffic control signals at this location will satisfy conditions of site plan approval for the Bridgepoint Hospital redevelopment while providing a safe environment for both vehicular and pedestrian traffic.

The Toronto Transit Commission (TTC) operates streetcar service on Broadview Avenue.

**RECOMMENDATIONS**

**Transportation Services recommends that:**

1. City Council approve the installation of traffic control signals at the intersection of Broadview Avenue and Bridgepoint Drive.
2. City Council prohibit eastbound traffic movements from Bridgepoint Drive at Broadview Avenue to eastbound Victor Avenue.

**Financial Impact**

All costs associated with the installation of the traffic control signals at the intersection of Broadview Avenue and Bridgepoint Drive are to be borne by the developer. The estimated cost for the signal installation work is \$200,000.00.

The developer is also required to contribute a lump sum payment for on-going signal maintenance.

## **ISSUE BACKGROUND**

The Bridgepoint Hospital/Don Jail lands currently under redevelopment at the north-west quadrant of the Broadview Avenue /Gerrard Street East intersection is subject to a Site Plan Agreement that requires the developer, among other things, to install traffic control signals at the intersection of Broadview Avenue and Bridgepoint Drive. Bridgepoint Drive, yet to be constructed, will be part of a new road network that will service the new hospital building, park, and future development of the remaining land parcels within the quadrant. The developer will be proceeding with the installation of traffic control signals at the intersection in 2014 and Transportation Services is submitting this report to City Council seeking the necessary approvals.

## **COMMENTS**

The intersection of Broadview Avenue and Bridgepoint Drive is located east of the Don Valley, approximately 160 metres north of the traffic control signals at Gerrard Street East. Broadview Avenue is a north/south four-lane minor arterial road with TTC streetcar service. Bridgepoint Drive will be constructed as a 8.5 metre wide two-lane east-west road that will intersect with the west side of Broadview Avenue and will be off-set approximately 15 metres (centreline measurement) south of Victor Avenue. Victor Avenue is a local residential street that operates one-way eastbound from Broadview Avenue to Carlaw Avenue. A pedestrian crossover is located approximately 100 metres north of the subject intersection on Broadview Avenue at Langley Avenue.

The proposed traffic control signals will accommodate future traffic volumes at the intersection projected to be generated by the new hospital building and new road network under full build-out. The traffic signals will provide a safer environment for all road users.

The installation of traffic control signals will result in the loss of approximately four pay-and-display parking spaces on Broadview Avenue.

Given the slight off-set configuration of Victor Avenue in relation to the subject intersection, there is a potential for non-local traffic on Bridgepoint Drive to continue eastbound across Broadview Avenue to Victor Avenue which provides connections, via Carlaw Avenue and Logan Avenue, to Gerrard Street East and Danforth Avenue. To address this potential neighbourhood traffic infiltration issue raised by local resident groups during the approvals process for the Bridgepoint redevelopment project, a through movement prohibition for eastbound traffic on Bridgepoint Drive to Victor Avenue is recommended.

Transit signal priority currently operates on Broadview Avenue and the transit priority feature will be implemented with the signal operation at this intersection to enhance streetcar operation through the intersection.

## **CONTACT**

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## **SIGNATURE**

Jacqueline White, P.Eng.  
Director, Transportation Services  
Toronto and East York District

## **LIST OF ATTACHMENTS**

(1) Drawing No. 421G-1026, dated March 2013

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