

## **Traffic Control Signals - Broadview Avenue and Bridgepoint Drive**

**Date:** May 7, 2018  
**To:** Toronto and East York Community Council  
**From:** Acting Director, Transportation Services, Toronto and East York District  
**Wards:** Ward 30, Toronto-Danforth

### **SUMMARY**

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As the Toronto Transit Commission (TTC) operates a transit service on Broadview Avenue, City Council approval of this report is required.

Transportation Services is not recommending the installation of traffic control signals at the intersection of Broadview Avenue and Bridgepoint Drive. The technical justification for the installation of traffic control signals is not satisfied. Therefore, the installation of traffic control signals at the intersection of Broadview Avenue and Bridgepoint Drive is not recommended.

### **RECOMMENDATIONS**

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The Acting Director, Transportation Services, Toronto and East York District recommends that:

1. City Council not authorize the installation of traffic control signals at the intersection of Broadview Avenue and Bridgepoint Drive.

### **FINANCIAL IMPACT**

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There is no financial impact resulting from the adoption of the recommendation in this report.

## DECISION HISTORY

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At its meeting on February 10, 2015, Toronto and East York Community Council adopted item TE3.70, requesting Transportation Services, Toronto and East York District to review and report back to Toronto and East York Community Council regarding the installation of a traffic control signal at the intersection of Broadview Avenue and Bridgepoint Drive. The Council decision can be found at:

<http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2015.TE3.70>

## COMMENTS

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### Existing Conditions

Broadview Avenue is a north/south four-lane minor arterial road with TTC streetcar service. Bridgepoint Drive is an 8.5 metre wide two-lane, east-west road that is stop-controlled at Broadview Avenue. The intersection of Broadview Avenue and Bridgepoint Drive is located east of the Don Valley Parkway, approximately 160 metres north of the traffic control signals at Gerrard Street East. A pedestrian crossover is located approximately 100 metres north of the subject intersection on Broadview Avenue at Langley Avenue.

### Collision Review

Collision statistics provided by the Toronto Police Service for the four-year period ending December 31, 2017, revealed that seven collisions had occurred at the intersection of Broadview Avenue and Bridgepoint Drive. Of these collisions, one involved a pedestrian and none were considered to be potentially preventable by the installation of traffic control signals. Further review of these collisions did not reveal a pattern, as to the location or time of day/day of the week that the collisions occurred.

### Traffic Control Signal Evaluation

Traffic volume counts were undertaken at Broadview Avenue and Bridgepoint Drive at six-month intervals for four monitoring cycles commencing in July 2016. Based on the eight-hour vehicular and pedestrian traffic counts, and the collision history, the technical justifications for the installation of traffic control signals are satisfied to the following extent:

Table 1 traffic Control Signal Warrants

		July 2016	February 2017	August 2017	January 2018
Justification 1	Minimum Vehicular Volume	14 percent	10 percent	14 percent	12 percent
Justification 2	Delay to Cross Traffic	71 percent	51 percent	53 percent	51 percent
Justification 3	Collision Hazard	7 percent	7 percent	0 percent	0 percent

To meet the technical requirements for the installation of traffic control signals, one of the Minimum Vehicular Volume or Delay to Cross Traffic justifications must be 100 percent satisfied, or any two of the three justifications must be at least 80 percent satisfied. Based on the above, the warrant criteria for the installation of traffic control signals at the intersection of Broadview Avenue and Bridgepoint Drive have not been satisfied for any of the monitoring cycles.

### **Summary**

Based on the above review, Transportation Services does not recommend the installation of traffic control signals at the intersection of Broadview Avenue and Bridgepoint Drive.

Additionally, the installation of traffic control signals at this intersection would result in the following negative impacts:

- Loss of Parking - With any installation of traffic control signals, parking must be prohibited at all times within 30.5 metres of the intersection. As many as eight on-street pay and display parking spaces on Broadview Avenue may need to be removed;
- Impacts to TTC - The potential for increase in delays to transit service along Broadview Avenue.

Councillor Paula Fletcher has been advised of the recommendations of this staff report.

### **CONTACT**

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### **SIGNATURE**

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Dave Twaddle, C.E.T.  
Acting Director, Transportation Services  
Toronto and East York District

### **ATTACHMENTS**

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

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