

## **Traffic Control Signals – The East Mall and Capri Road**

**Date:** May 15, 2019  
**To:** Etobicoke York Community Council  
**From:** Acting Director, Traffic Management, Transportation Services  
**Wards:** Ward 2 – Etobicoke-Centre

### **SUMMARY**

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The purpose of this report is to obtain approval for the installation of traffic control signals at the intersection of The East Mall and Capri Road in order to facilitate safe crossings for pedestrians.

The installation of a pedestrian crossover (PXO) is justified as the technical criteria have been met; however, a PXO on The East Mall would not be suitable given the failure of the suitability criteria on this minor arterial road. As an alternative, installing traffic control signals at this location would provide a safe and convenient access for pedestrians crossing The East Mall.

As the Toronto Transit Commission (TTC) operates bus service on The East Mall, City Council approval of this report is required. TTC has been advised on the matter.

### **RECOMMENDATIONS**

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The Acting Director, Traffic Management, Transportation Services recommends that:

1. City Council approve the installation of traffic control signals at the intersection of The East Mall and Capri Road.

### **FINANCIAL IMPACT**

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The estimated cost for the installation of traffic control signals at The East Mall and Capri Road is \$180,000. This installation will be considered in 2020, subject to the availability of funding and competing priorities.

### **DECISION HISTORY**

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This report addresses a new initiative.

## COMMENTS

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Transportation Services staff was requested by area residents to review the need for enhanced pedestrian crossing protection on The East Mall at Capri Road. As a result, studies were conducted for a pedestrian crossover (PXO). A map of the area is shown on Attachment 1.

According to the City of Toronto's road classification system, The East Mall is classified as a "Minor Arterial" roadway having two lanes in each direction. The legal speed limit on The East Mall in the area of Capri Road is 50 km/h. The roadway has an urban cross-section which includes curb and gutter. There are sidewalks on both sides of the street. Capri Road is classified as a local road with an urban cross-section which includes curb and gutter. The speed limit is 50 km/h. There are sidewalks on both sides of the street. There is a private access on the east side of The East Mall within the intersection.

The intersection is controlled by a 'Stop' sign on Capri Road facing eastbound traffic. The Toronto Transit Commission (TTC) operates bus service on The East Mall, with a bus stop located northbound on east side of The East Mall across from Capri Road and one located southbound on west side of The East Mall, north of Capri Road.

Traffic control signals are located approximately 242 metres to the north at The East Mall and Rathburn Road and a Pedestrian Crossover (PXO) is located 247 metres to the south on The East Mall.

Traffic counts were undertaken at The East Mall at Capri Road in October 2018. Based on the twelve-hour vehicular and pedestrian traffic count, the following table summarize the technical justification for the installation for a pedestrian crossover.

Pedestrian Crossover Warrant - The East Mall at Capri Road

MTO - PXO Warrant	Required Volume	Recorded Volume (adjusted)	Compliance
Adjusted Pedestrian Volume	300*	304	100%
Pedestrian Delays Greater Than 10 Seconds	75	189	100%

\* Based on a twelve-hour vehicular volume of 7,000

To warrant the installation of a pedestrian crossover, a compliance level of 100% is required in both of the above categories.

The PXO warrant provides an adjustment factor (of 2) for senior citizens, unassisted children and physically disabled pedestrians. The above table includes the adjusted number of pedestrians, crossing The East Mall in the area of Capri Road.

A review of the Toronto Police Service collision records during the past four years for which we have complete data from January 1, 2013 to December 31, 2017, reveals there were no reported collisions involving pedestrians crossing The East Mall in the area of Capri Road.

Although a pedestrian crossover is warranted, this type of traffic control device is not environmentally suitable for this section of The East Mall given the operating speed. A recent radar study revealed an operating speed (85th percentile speed) of 60 km/h. Pedestrian crossovers should not be considered on roadways having an operating speed equal or greater than 60 km/h. However, traffic control signals located at Capri Road would provide a safe and convenient access for pedestrians crossing The East Mall.

Based on our findings, we recommend installing traffic control signals at the intersection of The East Mall and Capri Road. These signals will provide a convenient crossing for pedestrians in the vicinity of the TTC bus stops and also enhance traffic control for vehicular traffic. The private access on the east side of The East Mall will be incorporated within the traffic control signals.

The Toronto Transit Commission (TTC) has been notified of the traffic control signals and will need to slightly relocate the northbound and southbound bus stops north and south respectively of the proposed traffic control signals.

A city owned tree on the east side of The East Mall may need to be removed to accommodate the bus stop at this location. Parks, Forestry & Recreation Department has been contacted with respect to the tree removal.

## **CONTACT**

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## **SIGNATURE**

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Roger Browne, M.A. Sc., P.Eng.  
Acting Director, Traffic Management  
Transportation Services

## **ATTACHMENTS**

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1. Location Plan - The East Mall and Capri Road

# Attachment 1: Location Plan - The East Mall and Capri Road

