

## Temporary Traffic Control Signals - Main Street

**Date:** January 30, 2018  
**To:** Toronto City Council  
**From:** Acting Director, Transportation Services, Toronto and East York District  
**Wards:** Ward 31, Beaches-East York

### **SUMMARY**

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As the Toronto Transit Commission (TTC) operates a transit services on Main Street, City Council approval of this report is required.

Transportation Services is requesting approval to install midblock temporary Traffic Control Signals on Main Street, fronting Main Street Transit Station. As part of 'Phase Four' of its transit station upgrade, the transit station's driveway loop will be closed for a four month duration, from May 2018 to September 2018.

The proposed traffic control device is required in order to facilitate safe east/west pedestrian crossing to and from Main Street Transit Station and the temporary transit bus stop on the west side of Main Street located opposite the transit station's entrance for diverted southbound transit buses.

### **RECOMMENDATIONS**

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

1. City Council approve the installation of temporary Traffic Control Signals on Main Street at a point approximately 65 metres north of Danforth Avenue, to be in effect from May 2018 to September 2018.

### **FINANCIAL IMPACT**

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There is no financial impact to the City. All costs associated with the installation of the temporary crossover will be borne onto the Toronto Transit Commission.

## **DECISION HISTORY**

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This report addresses a new initiative.

## **COMMENTS**

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Transportation Services, Toronto and East York District, was requested by the Toronto Transit Commission (TTC) to review the feasibility of installing midblock temporary Traffic Control Signals on Main Street fronting Main Street Transit Station. The midblock traffic signals are required in order to accommodate east/west passengers travelling to and from the transit station and the temporary southbound transit stop located on the west side of Main Street.

Main Street is designated as a two-way north/south minor arterial road with municipal sidewalks located on both sides of the roadway. The road condition, traffic volume and traffic regulations on Main Street fronting Main Street Transit Station are as follows:

- Regulatory speed limit of 50 km/h;
- Pavement width of about 10 metres,
- Daily two-way traffic volume of about 11,000 vehicles;
- No standing, anytime on both sides of road;
- No stopping, from 4:00 to 6:00 p.m., Monday to Friday on the east side of the road; and
- No stopping, from 7:00 to 9:00 a.m., Monday to Friday on the west side of the road.

Heavy trucks are prohibited at all times on Main Street from Danforth Avenue to a point 255.2 metres north. Adjacent traffic control signals are located at the intersection of Main Street and Danforth Avenue, about 75 metres to the south of the main entrance to the transit station.

Main Street Transit Station is located on the east side of Main Street approximately 75 metres north of Danforth Avenue. Transit streetcars and buses access the station via a one-way eastbound circular driveway, inbound from the north limit of the station and outbound from the southern limit of the main entrance to the transit station property.

The area is comprised of mixed-uses, with restaurants on the east side of Main Street south of the station, and a Church, daycare facility and Stanley G. Grizzle Park on the west side of Main Street. North of the transit station are single-use and semi-detached homes.

As part of 'Phase Four' of its construction project, TTC will be upgrading its transit station and installing new streetcar tracks in order to accommodate new streetcar design specifications from May 2018 to September 2018. Two-way traffic operations will be maintained on Main Street during this period. However, temporary closure of the transit loop/bus bay area, will eliminate the direct drop-off and pick-up of passengers within TTC's property for a four-month duration. To facilitate the driveway closer, TTC will be diverting transit buses and installing temporary transit stops on the east and west side of Main Street near the transit station's main entrance.

The headway between buses will be approximately 5 minutes, and it is anticipated that there will be approximately 12,000 customers crossing Main Street daily. In order to provide safe and efficient east/west crossing for TTC passengers to and from Main Street Transit Station and the temporary transit stop, TTC has requested the installation of midblock temporary traffic control signals approximately 65 metres north of Danforth Avenue for the duration of the transit loop closure.

Traffic conditions will be reverted back to preconstruction conditions, subsequent to the completion of the transit station construction activity.

Councillor Janet Davis has been advised of the recommendation 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-2876, dated January 2018

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