

Traffic Control Signals - Aukland Road, south of Dundas Street West

Date: June 4, 2021
To: Etobicoke York Community Council
From: Acting Director, Traffic Management, Transportation Services
Wards: Ward 3 – Etobicoke Lakeshore

SUMMARY

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

Transportation Services is requesting approval to install mid-block pedestrian traffic control signals on Aukland Road, approximately 120 metres south of Dundas Street West. The traffic control signals will provide pedestrian crossing protection across Aukland Road, south of Dundas Street West.

RECOMMENDATIONS

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

1. City Council authorize the installation of traffic control signals on Aukland Road, approximately 120 metres south of Dundas Street West.
2. City Council authorize the removal of temporary traffic control signals at the former intersection of Aukland Road and Subway Crescent, in conjunction with the installation of the traffic control signals on Aukland Road, approximately 120 metres south of Dundas Street West.

FINANCIAL IMPACT

The estimated cost for installing pedestrian traffic control signals on Aukland Road, south of Dundas Street West, and the removal of the temporary traffic control signals at the former intersection of Aukland Road and Subway Crescent is \$150,000.00. Funding would be subject to availability and competing priorities within the Transportation Services 2022 Capital Budget.

DECISION HISTORY

City Council, on April 24, 25, 26 and 27, 2018, approved the installation of temporary traffic control signals at the intersection of Auckland Road and Subway Crescent, for the purposes of pedestrian crossing protection and vehicular ingress and egress to the commuter parking lot, to be in effect from April 24, 2018 to December 2019. A link to the City Council decision is provided below for reference.

<http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2018.EY29.51>

COMMENTS

The temporary traffic control signals located on Auckland Road at the former intersection of Subway Crescent were installed, at Metrolinx's expense, to facilitate safe pedestrian crossing to and from the Kipling Transit Station and to improve ingress and egress to a temporary passenger pick-up/drop-off zone. Subway Crescent and the access to the aforementioned pick-up/drop-off zone is now closed, however, crossing protection is still needed on Auckland Drive, south of Dundas Street West, to address existing and future pedestrian crossing demand.

Existing Conditions

Auckland Road is characterized by the following conditions:

- It is a two-lane, north-south, collector roadway
- It operates two-way traffic on a pavement width of approximately 11 metres
- The daily (May, 2015) two-way traffic volume is approximately 6,700 vehicles
- The posted regulatory speed limit is 40 km/h
- Heavy trucks are prohibited at all times
- There is TTC service provided by numerous buses destined to/from the Kipling Subway Station Bus Terminal.
- There are sidewalks located on both sides of the street

The adjacent land use in this area is high density residential. The new Kipling Subway Station Bus Terminal is located in the immediate area.

The closest adjacent traffic controls are located approximately 120 metres to the north at the intersection of Auckland Road and Dundas Street West, in the form of traffic controls signals.

A map of the area is included in Attachment 1.

Traffic Control Signals

Now that the intersection of Aukland Road and Subway Crescent is permanently closed, and the existing traffic control signals are to be removed, staff reviewed the need for some form of pedestrian crossing protection on Aukland Road, south of Dundas Street West.

Current pedestrian crossing volumes have been significantly reduced as a result of Covid-19 and because of the temporary closure of the sidewalk on the east side of Aukland Road for area construction. In addition, due to the atypical traffic patterns over the past many months, staff have relied on historical information as it is not possible to conduct traffic studies at this time.

Prior to the installation of the temporary traffic control signals, an all-way stop control existed at the intersection of Aukland Road and Subway Crescent. An intersection count conducted in August 2013, revealed an average of 74 crossings per hour over an eight-hour study period.

Given the historically high pedestrian crossing volume, and the anticipated future crossing demand with the opening of high density development in the area, pedestrian crossing protection will still be required. Staff have identified that a mid-block pedestrian traffic control signal is the most appropriate form of pedestrian crossing protection at this location. The new pedestrian traffic control signal on Aukland Road will be located at the south approach of the former intersection of Aukland Road and Subway Crescent, approximately 120 metres south of Dundas Street West

The TTC has been consulted and concurs with these findings.

The Ward Councillor has been advised of the recommendations in this report.

CONTACT

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SIGNATURE

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ATTACHMENTS

Attachment 1: Map - Traffic Control Signals - Aukland Road, south of Dundas Street West

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