

Traffic Control Signals – Dundas Street West and Acorn Avenue/Private Driveway Access

Date: February 13, 2019
To: Etobicoke York Community Council
From: Acting Director, Traffic Management, Transportation Services
Wards: Ward 3 – Etobicoke Lakeshore

SUMMARY

Since the Toronto Transit Commission (TTC) operates a transit service on Dundas Street West, City Council approval of this report is required.

The purpose of this report is to obtain approval for the installation of traffic control signals at the intersection of Dundas Street West and Acorn Avenue/Private Driveway Access.

As part of conditions of site plan approval of the Metrolinx Kipling Bus Terminal Project, traffic control signals are to be installed at the intersection of Dundas Street West and Acorn Avenue/Private Driveway Access.

To deter short-cut traffic into the residential community on the north side of Dundas Street West, it is also recommended, as per conditions of site plan approval, that northbound and southbound straight through movements be prohibited at all times, at the intersection of Dundas Street West and Acorn Drive/Private Driveway Access, bicycles excepted.

RECOMMENDATIONS

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

1. City Council approve the installation of traffic control signals at the intersection of Dundas Street West and Acorn Avenue/Private Driveway Access.
2. City Council prohibit northbound straight through movements, anytime, at the south approach of the intersection of Dundas Street West and Acorn Avenue/Private Driveway Access, bicycles excepted.

3. City Council prohibit southbound through movements, anytime, at the north approach of the intersection of Dundas Street West and Acorn Avenue/Private Driveway Access, bicycles excepted.

FINANCIAL IMPACT

There is no financial impact to the City. All costs associated with the supply and installation of the traffic control signals and signage will be borne by Metrolinx.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

Metrolinx is proceeding with the construction of a new bus terminal which will form part of the new Kipling Mobility Hub. This hub is planned to integrate subway, regional rail, rapid transit and local bus service resulting in improved multi-modal transportation connectivity. A map of the area is Attachment 1.

Dundas Street West, in the area of Acorn Avenue, is a six-lane road classified in the City's Road Classification System as a "Major Arterial" road. The curb lanes in both directions are reserved for public transit vehicles, taxis, plated motorcycles and vehicles with three or more persons between the hours of 7:00 a.m. and 10:00 a.m., and 3:00 p.m. and 7 p.m., Monday to Friday. In addition, there is a two-way centre left-turn lane. The roadway has an urban cross-section (curb and gutter) with sidewalks on both sides of the street. The legal speed limit on this section of Dundas Street West is 50 km/h.

Acorn Avenue is classified as a "Local" road in the residential community north of Dundas Street West and west of Kipling Avenue. The roadway has a rural cross section (ditched). There are no sidewalks on either side of the street, except for a small section on the west side between Dundas Street West and the first residential property at 54 Acorn Avenue. There are existing traffic calming measures (i.e., speed humps) on Acorn Avenue. The posted speed limit on Acorn Avenue is 30 km/h. The intersection of Dundas Street West and Acorn Avenue is a three-legged "T" intersection with a STOP sign control for southbound traffic. A private driveway will be constructed on the south side of Dundas Street West, opposite Acorn Avenue, to access the Kipling Mobility Hub.

The closest traffic signal controls to the intersection of Dundas Avenue West and Acorn Avenue are located approximately 150 metres to the east at the intersection of Dundas Street West and Aukland Road; and, 160 metres to the west at the intersection of Dundas Street West and Poplar Avenue/Subway Crescent.

The TTC operates transit bus service on Dundas Street West in the area of Acorn Avenue. A westbound near-side bus stop is located at the intersection of Dundas Street West and Acorn Avenue and an eastbound bus stop is located approximately 40 metres west of Acorn Avenue.

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CONTACT

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SIGNATURE

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

ATTACHMENT

1. Area Map - Dundas Street West at Acorn Avenue

Attachment 1 - Area Map: Dundas Street West and Acorn Avenue

