

Temporary Safety Improvements - Power Street

Date: October 15, 2019
To: Toronto and East York Community Council
From: Acting Director, Traffic Management, Transportation Services
Wards: Ward 13, Toronto Centre

SUMMARY

At its meeting on June 25, 2019, Toronto and East York Community Council directed Transportation Services to review and implement temporary safety improvements on Power Street, between Adelaide Street East and Richmond Street East, prior to signal installation in 2021. This report provides an overview of the safety review and temporary safety measures undertaken by Transportation Services.

RECOMMENDATIONS

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

1. Toronto and East York Community Council receive this report for information.

FINANCIAL IMPACT

All costs associated with signage installed are included within the Transportation Services 2019 Operating Budget.

DECISION HISTORY

On June 25, 2019, the Toronto and East York Community Council adopted [TE7.121 Improving Road Safety on Power Street between Richmond Street East and Adelaide Street East](#), with a direction for Transportation Services to review and install temporary safety improvements prior to signal installation in 2021.

On December 13, 2016, City Council adopted, as amended, Item [TE20.15 Request for Direction Report - 46 to 54 Power Street and 113 to 135 Parliament Street - Zoning Amendment Application](#), and, in so doing, approved traffic control signals at the intersections of Power Street and Richmond Street East, and Power Street and Adelaide Street East.

COMMENTS

Power Street, between Adelaide Street East and Richmond Street East, is classified as a local road and has north/south two-way traffic operation. Orphans Green Dog Park is located on the east side of this section of Power Street, and construction for 48 Power Street is ongoing on the west side. The sidewalk and the southbound parking lane are closed due to construction activity, and a sidewalk and parking lane are provided on the east side. The current pavement width of this section of Power Street is about 8.4 metres. Overnight permit parking and maximum three-hour parking at other times are provided on the east side of Power Street, and stopping is prohibited at all times on the west side. The posted speed limit of Power Street is 30 km/h.

Both Adelaide Street East and Richmond Street East are classified as major arterial roads and have regulatory speed limits of 50 km/h. Adelaide Street East is one-way eastbound and Richmond Street East is one-way westbound. Currently, northbound and southbound traffic on Power Street is stop-controlled at both intersections, and eastbound traffic on Adelaide Street East and westbound traffic on Richmond Street East is free-flow.

Adjacent traffic control signals are located to the west at Parliament Street, approximately 85 metres west at Richmond Street East and approximately 90 metres west at Adelaide Street East.

Temporary Safety Improvements

During a site investigation, pavement markings and signs were observed to be clear and unobstructed. A review of the construction hoarding fencing for the construction site at the northwest corner of Power Street and Adelaide Street East revealed a sightline concern for southbound traffic on Power Street's view of eastbound traffic on Adelaide Street East. Also, the construction hoarding at the southwest corner of Power Street and Richmond Street East obstructs northbound traffic on Power Street's view of pedestrians traveling at the southwest corner of the intersection.

In order to improve traffic safety, the following measurements were undertaken:

- Staff requested that construction fencing at the northwest corner of Power Street and Adelaide Street East, and hoarding at the southwest corner of Power Street and Richmond Street East, be setback to provide clear views of opposing traffic and pedestrians crossing the crossing area.

- A digital "watch your speed" board was placed for eastbound traffic on Adelaide Street East on approach to Power Street for three weeks beginning on September 9, 2019.
- Fifteen-metre corner parking prohibitions will be installed at both intersections to improve sightlines from Power Street onto Adelaide Street East and Richmond Street East.

Councillor Kristyn Wong-Tam has been advised of the above.

CONTACT

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SIGNATURE

Roger Browne, M.A.Sc., P.Eng.,
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ATTACHMENTS

1. Drawing No. 421G-3542, dated September 2019

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