

Construction Staging - TTC Easier Access Program - College Station (Phase 1 and 2)

Date: May 27, 2020
To: Toronto and East York Community Council
From: Acting Director, Traffic Management, Transportation Services
Wards: Ward 11, University-Rosedale and Ward 13, Toronto-Centre

SUMMARY

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

Two at-grade elevators and two set of second exit stairs will be constructed at the TTC College Subway Station as part of the TTC's Easier Access Program and Second Exit Program. Construction of the development will be undertaken in several phases. This report deals with matters related to Phase 1 and 2 of the construction only, which includes the relocation of existing utilities and permanent removal of the centre median on Yonge Street.

Transportation Services is requesting authorization to close a portion of the east sidewalk and the northbound curb lane Yonge Street, between College Street and a point 94 metres south for a period of two months (i.e. July 1, 2020 to August 31, 2020), to accommodate construction staging operations in Phase 1. Additionally, authorization is being requested to close a portion of the east sidewalk and the northbound and southbound through traffic lanes for a period of two months (i.e. September 1, 2020 to October 31, 2020) during Phase 2. Pedestrian movements will be maintained on the existing sidewalk on Yonge Street during both phases.

RECOMMENDATIONS

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

1. City Council authorize the closure of a 1.3 metre wide portion of the east sidewalk and a 3.7 metre wide portion of the northbound curb lane on Yonge Street, between Carlton Street and a point 90 metres south, from July 1, 2020 to August 31, 2020.
2. City Council rescind the existing stopping prohibition in effect from 3:30 p.m. to 6:30 a.m., Monday to Friday, except public holidays, on the east side of Yonge Street,

between Carlton Street and a point 137.5 metres south, from July 1, 2020 to August 31, 2020.

3. City Council rescind the existing parking prohibition in effect at all times on the east side of Yonge Street, between Carlton Street and a point 137.5 metres south, from July 1, 2020 to August 31, 2020.

4. City Council prohibit stopping at all times on the east side of Yonge Street, between Carlton Street and a point 137.5 metres south, from July 1, 2020 to August 31, 2020.

5. City Council authorize the closure of a 1.3 metre wide portion of the east sidewalk; a 2.9 metre wide portion of the northbound through lane; a 3.7 metre wide portion of the southbound through lane on Yonge Street; and the 3.2 metre wide centre median on Yonge, between College Street and a point 171 metres south, from September 1, 2020 to October 31, 2020.

6. City Council authorize the closure of a 3.2 metre wide portion of the southbound through lane on Yonge Street, between College Street and Wood Street, from September 1, 2020 to October 31, 2020.

7. City Council rescind the existing stopping prohibition in effect from 3:30 p.m. to 6:30 a.m., Monday to Friday, except public holidays, on the east side of Yonge Street, between Carlton Street and a point 199 metres south, September 1, 2020 to October 31, 2020.

8. City Council rescind the existing parking prohibition in effect at all times on the east side of Yonge Street, between Carlton Street and a point 199 metres south, from September 1, 2020 to October 31, 2020.

9. City Council rescind the existing stopping prohibition in effect from 7:30 p.m. to 9:30 a.m., Monday to Friday, except public holidays, on the west side of Yonge Street, between Wood Street and a point 280.5 metres south, from September 1, 2020 to October 31, 2020.

10. City Council rescind the existing parking prohibition in effect at all times on the west side of Yonge Street, between Wood Street and a point 280.5 metres south, from September 1, 2020 to October 31, 2020.

11. City Council prohibit stopping at all times on the east side of Yonge Street, between Carlton Street and a point 199 metres south, from September 1, 2020 to October 31, 2020.

12. City Council prohibit stopping at all times on the west side of Yonge Street, between Wood Street and a point 280.5 metres south, from September 1, 2020 to October 31, 2020.

13. City Council rescind the southbound left-turn prohibition in effect from 7:30 a.m. to 6:30 p.m., Monday to Saturday, on Yonge Street at College Street/Carlton Street, from September 1, 2020 to October 31, 2020.

14. City Council prohibit southbound left-turns at all times on Yonge Street at College Street/Carlton Street, from September 1, 2020 to October 31, 2020.

15. City Council direct the applicant to pressure wash the construction site and adjacent sidewalks and roadways weekly, or more frequently as needed to be cleared of any construction debris and made safe.

16. City Council direct the applicant to ensure that the existing sidewalks or the proposed pedestrian walkway have proper enhanced lighting to ensure safety and visibility at all times of the day and night.

17. City Council direct the applicant to clearly consult and communicate all construction, parking and road occupancy impacts with local business improvement areas and resident associations in advance of any physical road modifications.

18. City Council direct the applicant to install appropriate signage to ensure that pedestrians, cyclists and motorists safety is considered at all times.

19. City Council direct the applicant to provide a sufficient number of traffic control persons as determined by the Work Zone Traffic Coordinator and Toronto Police Construction Liaison Officer, on a daily basis to control construction vehicle access and egress to and from the site and maintain a safe environment for the public.

20. City Council direct the applicant to provide a sufficient number of pay-duty Police Officers as determined by the Work Zone Traffic Coordinator and Toronto Police Construction Liaison Officer, during large scale concrete pours and large scale material deliveries to control vehicle access and egress to and from the site and maintain a safe environment for the public.

21. City Council direct the applicant to post a 24-hour monitored construction hotline number on the hoarding board, which must be prominently placed and legible from 20 metres and on all elevations from the construction site.

FINANCIAL IMPACT

There is no financial impact to the City. TTC will be responsible for all costs associated with the installation of signage and traffic control set-up.

DECISION HISTORY

This is a new initiative.

COMMENTS

Project Background

Station improvements in the form of two at-grade elevators and a set of second exit stairs are planned at the TTC College Subway Station. The planned at-grade elevators and second exit are part of the TTC's Easier Access Program and will be installed at College Park Building (444 Yonge Street).

Phase 1 and 2 will include the relocation of existing utilities and permanent removal of the centre median on Yonge Street, respectively. The remaining phases include below-grade construction related to the new concourse structure, two second exit stair and two elevator shafts. The project will be undertaken in several phases and is expected to be completed in approximately 25 months. This report deals with matters related to Phase 1 and 2 of the construction only. The remaining construction phases will be discussed in future staff reports.

Existing Conditions

Yonge Street, in the vicinity of the site, is a major arterial roadway and consists of a four-lane (two northbound and two southbound) cross-section, with a raised median in the centre of the roadway. TTC service Yonge Street is provided by the "97 and 320 Yonge" bus. There are northbound near-side and southbound near-side transit stops provided at the intersection of Yonge Street and College Street/Carlton Street.

The following parking regulations are in effect on the subject section of Yonge Street:

West Side

- No parking anytime between Wood Street and Gerrard Street East; and
- No stopping from 7:30 a.m. to 9:30 a.m., Monday to Friday, except public holidays, between Wood Street and Gerrard Street East.

East Side

- No parking anytime between Wood Street and Gerrard Street East; and
- No stopping from 3:30 p.m. to 6:30 a.m., Monday to Friday, except public holidays, between Wood Street and Gerrard Street East.

Construction Staging - Phase 1

Construction staging operations on Yonge Street will take place within the existing boulevard allowance and the northbound curb lane on the east side of Yonge Street, abutting the site. Subject to approval, a 3.7 metre wide portion of the northbound curb lane and 1.3 metre wide portion of the sidewalk on the east side of Yonge Street, Carlton Street and a point 94 metres, will be closed to accommodate construction staging operations for Phase 1 of the project. With the proposed construction staging area in place, Yonge Street in the immediate vicinity of the site, will operate as one northbound and two southbound lanes. Pedestrian movements will be accommodated

in a 2.3 metre protected walkway within the existing sidewalk on the east side of Yonge Street. Pedestrian operations on the west sidewalk are maintained.

To enhance traffic flow around the construction staging area, stopping will be prohibited at all times on the east side of Yonge, between College Street and a point 137.5 metres south. The existing parking regulations on the west side of the street will remain in effect.

Construction Staging - Phase 2

Construction staging operations on Yonge Street will take place within the existing boulevard allowance and the northbound and southbound lane on Yonge Street. Subject to approval, a 1.3 metre wide portion of the east sidewalk; a 2.9 metre wide portion of the northbound through lane; a 3.7 metre wide portion of the southbound through lane on Yonge Street; and the 3.2 metre wide centre median on Yonge, between College Street and a point 171 metres south, will be closed to accommodate construction staging operations for Phase 2 of the project. With the proposed construction staging area in place, Yonge Street in the immediate vicinity of the site, will operate as one northbound and one southbound lane. Pedestrian movements will be accommodated in a 2.3 metre protected walkway within the existing sidewalk on the east side of Yonge Street. Pedestrian operations on the west sidewalk are maintained.

Additionally, a 3.2 metre wide portion of the southbound through lane on Yonge Street, between College Street and Wood Street will be closed. In order to facilitate southbound traffic flow at the signalized intersection of Yonge Street at College Street/Carlton Street, southbound left-turn movements will be prohibited at all times. Given the reduced lane capacity on Yonge Street, signal timing changes will be made to increase the amount of green time for northbound and southbound traffic.

To enhance traffic flow around the construction staging area, stopping will be prohibited at all times on the east side of Yonge, between Carlton Street and a point 199 metres south. On the west side of Yonge Street, stopping will be prohibited at all times between Wood Street and a point 280.5 metres south. The existing parking regulations on the west side of the street will remain in effect.

As a result of the proposed construction staging areas, TTC will relocate the existing northbound near-side bus stop on Yonge Street at College Street/Carlton Street to the far-side.

Through ongoing dialogue with the developer, Transportation Services is satisfied that TTC has looked at all options to minimize the duration and impact of the construction staging area on all road users.

The Ward Councillors have been advised of the recommendations of this report.

CONTACT

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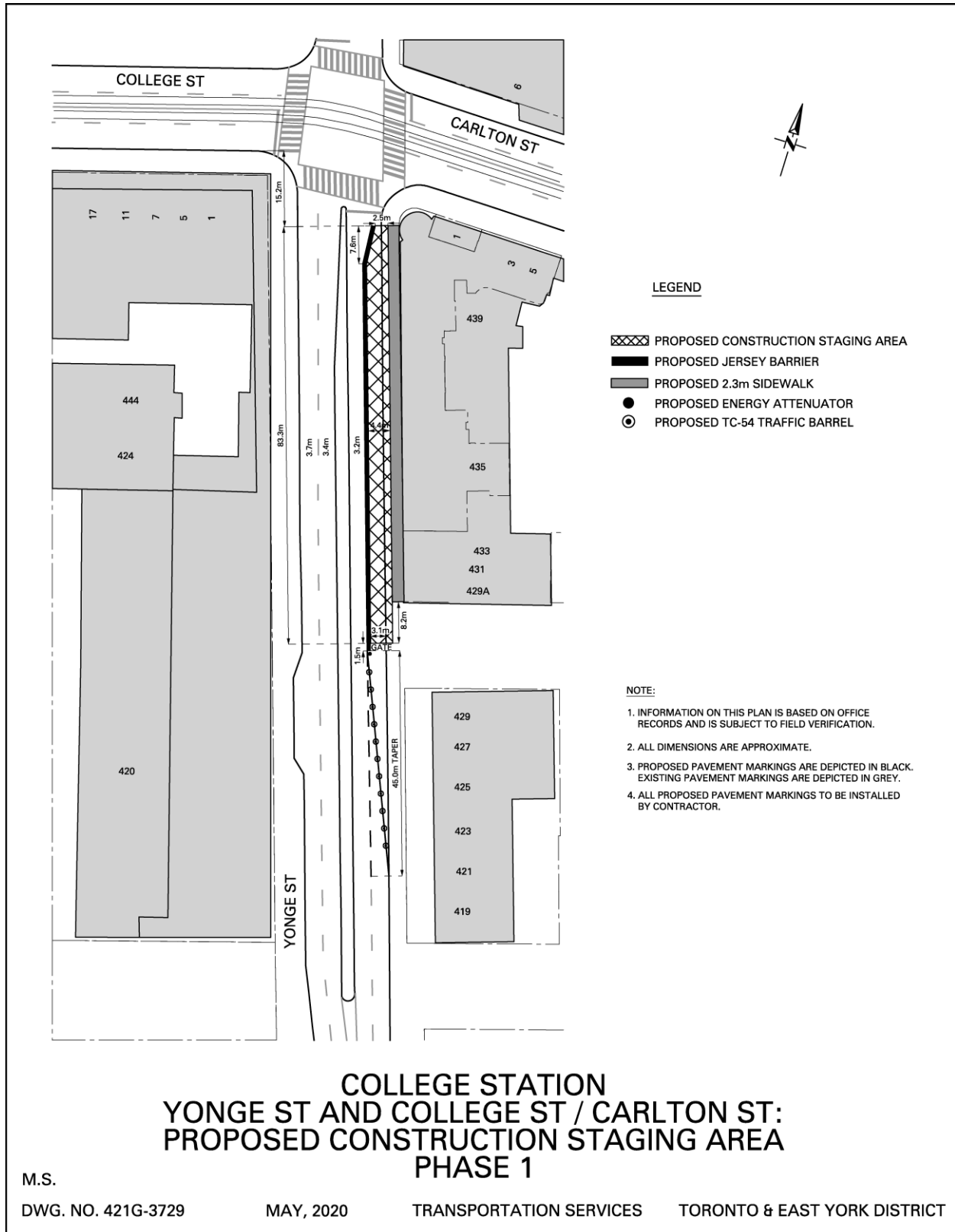
SIGNATURE

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

ATTACHMENTS

Attachment 1: Phase 1 - Proposed Construction Staging Area on Yonge Street
Attachment 2: Phase 2 - Proposed Construction Staging Area on Yonge Street

Attachment 1: Phase 1 - Proposed Construction Staging Area on Yonge Street



Attachment 2: Phase 2 - Proposed Construction Staging Area on Yonge Street

