

Construction Staging Area - Lake Shore Boulevard West (955 Lake Shore Boulevard West)

Date: October 30, 2023
To: City Council
From: Director, Traffic Management, Transportation Services
Wards: Ward 10, Spadina-Fort York

SUMMARY

Work is being initiated by a private entity (i.e., EllisDon Civil) and given that the closure duration is greater than 30 days and located on a major arterial road, City Council approval is required.

EllisDon Civil has undertaken the Infrastructure Ontario - Ontario Place Site Servicing Renewal project. The project scope includes decommissioning, removal and replacement of ageing infrastructure, specifically watermain and sanitary work. A section of the watermain replacement is located under the Martin Goodman Trail. In order to facilitate construction activities, a temporary closure of the Martin Goodman Trail is required. Trail users will be redirected into a closed and protected pathway on Lake Shore Boulevard West.

Transportation Services is requesting authorization to close the eastbound curb lane on Lake Shore Boulevard West, from Ontario Drive and a point 126 metres further east, for a period of 11 weeks from December 18, 2023 to March 1, 2024, in order to provide a safe detour around the temporary closure of the Martin Goodman Trail.

RECOMMENDATIONS

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

1. City Council authorize the closure of a 3.5 metre wide portion of the eastbound curb lane on Lake Shore Boulevard West, between Ontario Drive and a point 126 metres further east, from December 18, 2023 to March 1, 2024.
2. City Council direct the applicant to continue to pressure wash or sweep (weather permitting) the construction site and adjacent sidewalks and roadways daily, or more frequently as needed to be cleared of any construction debris and made safe.
3. City Council direct the applicant to continue to install appropriate signage to ensure that pedestrians, cyclists and motorists safety is considered at all times.

4. City Council direct the applicant to continue providing 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.
5. City Council direct the applicant to continue to post a 24-hour monitored construction hotline number on signage, which must be prominently placed and legible from 20 metres and on all elevations from the construction site.
6. City Council direct that Lake Shore Boulevard West be returned to pre-construction traffic and parking regulations when the project is complete.

FINANCIAL IMPACT

There is no financial impact to the City. EllisDon. is responsible for all costs, including payment of fees to the City for the occupancy of the right-of-way. Based on the area enclosed and projected duration of the proposed closures on Lake Shore Boulevard West, these fees will be approximately \$140,000.00.

DECISION HISTORY

This is a new initiative.

COMMENTS

Background

Ontario Place has undertaken a Site Servicing Renewal Project, which includes the replacement of ageing infrastructure and utilities. EllisDon has been retained to provide construction management services.

Watermain and sanitary sewer work is planned for the site. A section of the watermain replacement is located under the Martin Goodman Trail. In order to facilitate construction activities, a temporary closure of the Martin Goodman Trail is required. In order to safely detour trail users around the closure, the eastbound curb lane on Lake Shore Boulevard West will be temporarily closed to provide a detour around the closure on the Martin Goodman Trail.

Construction Staging Area

Construction staging operations will take place on the Martin Goodman Trail. A 3.5 metre wide portion of the eastbound curb lane on Lake Shore Boulevard West will be closed, with temporary concrete barriers, in order to accommodate trail users. With the

temporary concrete barriers in place, the available width for trail users is 3.3 metres. The closure is planned from December 18, 2023 to March 1, 2024.

EllisDon has explored several options to avoid the lane occupation on Lake Shore Boulevard West, such as detouring trail users within the Ontario Place property. In reviewing the site, there is a driveway that connects to the Martin Goodman Trail, however, due to the steep grade, it is not feasible as a detour route for trail users. Additionally, the surrounding boulevard space will be utilized as a construction staging area to facilitate the construction of multiple utility works. Therefore, the temporary closure of the eastbound curb lane on Lake Shore Boulevard West is necessary to facilitate a safe detour for trail users.

A review of the City's Major Capital Works Program in 2023 and 2024 indicates that the Gardiner Expressway Rehabilitation Project - Section 2 (Dufferin Street to Strachan Avenue) is planned in March 2024. During the construction of this project, the Lake Shore Boulevard corridor will serve as an alternate route. Transportation Services has consulted with Engineering and Construction Services and EllisDon to co-ordinate the scheduled work. The watermain is expected to be completed prior to the commencement of the Gardiner Expressway Rehabilitation Project; however, in the event the subject closure on Lake Shore Boulevard West is active during the Gardiner Expressway Project, the applicant has been advised that they shall re-open eastbound curb lane on Lake Shore Boulevard West and the Martin Goodman Trail.

It should be noted that EllisDon has combined the watermain and sanitary work into a single phase, thereby reducing the schedule by 8-12 weeks. Moreover, throughout the project, EllisDon will explore opportunities accelerate the schedule and complete the project earlier than the proposed end date of March 1, 2024.

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

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

CONTACT

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SIGNATURE

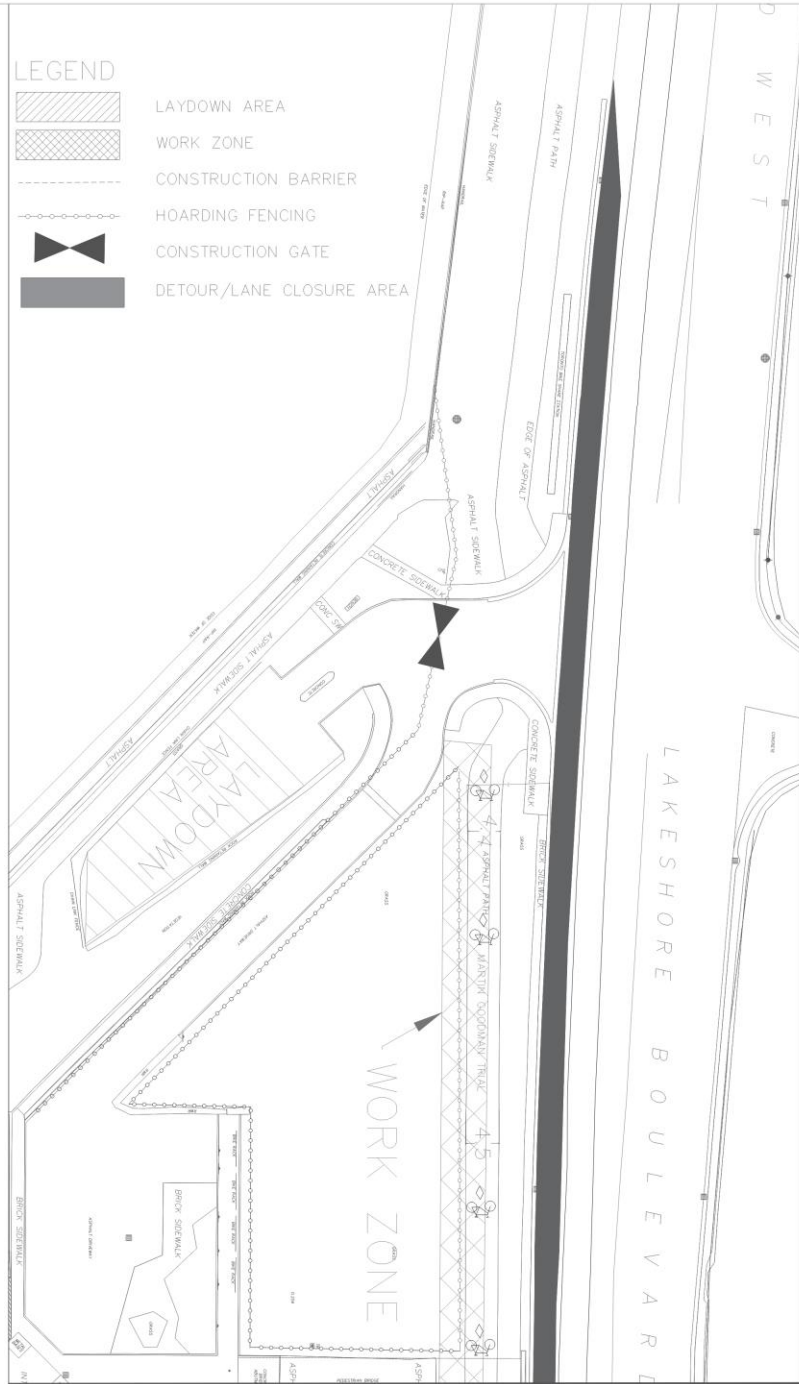
Roger Browne, M.A.Sc., P.Eng.,
Director, Traffic Management, Transportation Services

ATTACHMENTS

Attachment 1: Construction Staging Area - Lake Shore Boulevard West (955 Lake Shore Boulevard West)

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ONTARIO PLACE SITE SERVICING
955 LAKE SHORE BOULEVARD
WEST



ONTARIO PLACE SITE SERVICING 955 LAKE SHORE BOULEVARD WEST

MATCHLINE SEE SHEET 1

