

Construction Staging Area - TTC Second Exit Program - Donlands Station (Phase 2)

Date: February 5, 2021,
To: Toronto and East York Community Council
From: Acting Director, Traffic Management, Transportation Services
Wards: Ward 14, Toronto - Danforth

SUMMARY

This staff report is about a matter that Community Council has delegated authority to make a final decision provided that it is not amended so that it varies with City policy or by-laws.

Donlands Station, located on the southwest corner of Donlands Avenue and Strathmore Boulevard, is being modernized to accommodate one at-grade elevator and one below-grade elevator at the main station. In addition, a second entrance/exit is also being added to the station that will be located on the east side of Dewhurst Boulevard south of Strathmore Boulevard, as part of the TTC's Easier Access Program and Second Exit Program. Construction of the development will be undertaken in several phases. Phase 1a and 1b of the construction is currently underway, and involves relocating the underground utilities. Although this project involves upgrades to the TTC Donlands Station, there are two different tasks that are being conducted simultaneously but are on slightly different schedules. These are the "Easier Access" which involves the construction of a second entrance/exit on the east side of Dewhurst Boulevard. Since the two tasks are operating on slightly different schedules, Transportation Services, for reporting purposes, will be addressing the "Easier Access" and "Second Entrance/Exit" individually. This report will deal with Phase 2 and 3 of the "Second Entrance/Exit".

Transportation Services is requesting authorization to close Strathmore Boulevard in its entirety, between Dewhurst Boulevard and a point 39 metres east for a period of 23 months (i.e., February 25, 2021 to January 31, 2023, to accommodate construction staging operations in Phase 2 and 3. There will be a full closure and no vehicular or pedestrian access will be accommodated within the closed section of Strathmore Boulevard, except for walkways on both sides of the street, that are intended to service only the effected residential properties abutting the closure. In addition, a 5 metre wide portion of the westbound curb lane on Strathmore Boulevard, immediately east of the full closure to a point 60 metres west of Donlands Avenue will be closed in order to accommodate dewatering tanks and storage of construction materials.

In addition, the east sidewalk and a 5 metre wide portion of the northbound lane on Dewhurst Boulevard will be closed, between a point 40 metres north of Danforth Avenue (the first lane north of Danforth Avenue, east of Dewhurst Boulevard) and a point 65 metres further north. This closure will require Dewhurst Boulevard to operate as one way southbound only, abutting the closed portion of the street.

RECOMMENDATIONS

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

1. Toronto and East York Community Council authorize the closure of both sidewalks and all of Strathmore Boulevard, between Dewhurst Boulevard and a point 39 metres east, from February 25, 2021 to January 31, 2023.
2. Toronto and East York Community Council authorize the closure of a 5 metre wide portion of the eastbound curb lane on Strathmore Boulevard, between a point 39 metres east of Dewhurst Boulevard and a point 60 metres west of Donlands Avenue, from February 25, 2021 to January 31, 2023
3. Toronto and East York Community Council authorize the closure of the east sidewalk and a 5 metre wide portion of the northbound curb lane on Dewhurst Boulevard, from a point 11 metres north of Strathmore Boulevard to a point 40 metres north of Danforth Avenue, from February 25, 2021 to January 31, 2023.
4. Toronto and East York Community Council authorize all-way stop control at the intersection of Strathmore Boulevard and Dewhurst Boulevard.
5. Toronto and East York Community Council designate Dewhurst Boulevard, between a point 12 metres north of Strathmore Boulevard and a point 40 metres north of Danforth Avenue as one-way southbound.
6. Toronto and East York Community Council rescind the existing parking prohibition in effect at all times, on the north side of Strathmore Boulevard, between Dewhurst Boulevard and a point 45 metres west of Donlands Avenue
7. Toronto and East York Community Council prohibit stopping at all times, on the north side of Strathmore Boulevard, between Dewhurst Boulevard and a point 45 metres west of Donlands Avenue.
8. Toronto and East York Community Council rescind the existing maximum one-hour parking regulation in effect from 10:00 a.m. to 6:00 p.m., on the south side of Strathmore Boulevard, between Dewhurst Boulevard and a point and point 52 metres west of Donlands Avenue.
9. Toronto and East York Community Council authorize the removal of an on-street accessible parking space in effect at all times, on the south side of Strathmore

Boulevard, between a point 33 meters east of Dewhurst Boulevard and a point 5.5 metres further east.

10. Toronto and East York Community Council rescind the existing permit parking in effect from 12:01 a.m. to 10:00 a.m., on the odd side of Strathmore Boulevard, between Dewhurst Boulevard and Donlands Avenue.

11. Toronto and East York Community Council prohibit stopping at all times on the south side of Strathmore Boulevard, between Dewhurst Boulevard and a point 52 metres west of Donlands Avenue.

12. Amended the existing permit parking regulation in effect from 12:01 a.m. to 10:00 a.m., on the odd side of Dewhurst Boulevard, from Danforth Avenue to a point 45.1 metres north of Milverton Boulevard, to exclude the section from a point 33 metres north of Danforth Avenue to a point 80 metres further north.

13. Toronto and East York Community Council rescind the existing parking prohibition in effect at all times, on the east side of Dewhurst Boulevard, between a point 33 metres north of Danforth Avenue and a point 20 metres north of Strathmore Avenue.

14. Toronto and East York Community Council prohibit stopping at all times, on the east side of Dewhurst Boulevard, between a point 33 metres north of Danforth Avenue and a point 20 metres north of Strathmore Avenue.

15. Toronto and East York Community 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. Toronto and East York Community 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. Toronto and East York Community 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. Toronto and East York Community Council direct the applicant to install appropriate signage and converging mirrors to ensure that pedestrians, cyclists and motorists safety is considered at all times.

19. Toronto and East York Community 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. Toronto and East York Community 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. Toronto and East York Community Council direct the applicant to install cane detection within the covered and protected walkway to guide pedestrians who are visually impaired.

22. Toronto and East York Community 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.

23. Toronto and East York Community Council direct the applicant to provide and install public art, including mural artwork, onto every elevation of the hoarding board with adequate spotlighting for night-time illumination, at their sole cost, to the satisfaction of the Ward Councillor.

24. Toronto and East York Community Council direct that Strathmore Boulevard and Dewhurst Boulevard be returned to pre-construction traffic and parking regulations when the project is complete.

FINANCIAL IMPACT

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

DECISION HISTORY

City Council, at its meeting on September 30, October 1 and 2, 2020 adopted, Item TE18.51 of the Toronto and East York Community Council entitled "Construction Staging Area - TTC Easier Access Program - Donlands Station (Phase 1a and 1b)", which approved the construction staging area on Strathmore Boulevard west of Donlands Avenue from October 2, 2020 to December 31, 2020.

<http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2020.TE18.51>

City Council on December 16, 17 and 18, 2020, reopened the item and amended the recommendations, to extending the duration of the construction staging area until April, 30, 2021.

<http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2020.MM27.7>

COMMENTS

Station improvements are being performed at Donlands Station, in the form of one at-grade and one below-grade elevator at the main station (30 Donlands Avenue) on the west side of Donlands Avenue at Strathmore Boulevard. In addition, a second entrance/exit is being constructed on the east side Dewhurst Boulevard, south of Strathmore Boulevard on the site municipally known as 17 Dewhurst Boulevard. The planned at-grade/below-grade elevators and second exit are part of the TTC's Easier Access Program. Since the two tasks are operating simultaneously but on slightly different schedules, Transportation Services, for reporting purposes, will be addressing the "Easier Access" and "Second Entrance/Exit" individually. This report will deal with Phases 2 and 3 of the 'Second Entrance/Exit'. The remaining construction phases and the Easier Access portion of the project will be discussed in future staff reports.

A map of the area is shown in Attachment 1.

As part of the second entrance/exit, the structures at 17 and 19 Dewhurst Avenue have been demolished to accommodate the above ground structure for the second entrance/exit.

Existing Conditions:

Strathmore Boulevard is characterized by the following conditions:

- It is a 2-lane, east-west local roadway
- It operates two-way traffic on a pavement width of approximately 9.7 metres
- The posted speed limit is 30 km/h
- There are sidewalks located on both sides of the street

The parking regulations within the subject section of Strathmore Boulevard, are as follows:

North Side

- "No Parking Anytime" between Dewhurst Boulevard and a point 45 metres west of Donlands Avenue
- "No Stopping Anytime" between Donlands Avenue and a point 45 metres west

South side

- "Maximum one-hour" parking from 10:00 a.m. to 6:00 p.m., between Dewhurst Boulevard and a point and point 52 metres west of Donlands Avenue
- Permit parking from 12:01 a.m. to 10:00 a.m., between Dewhurst Boulevard and Donlands Avenue
- "No Stopping Anytime" between Donlands Avenue and a point 52 metres west

Dewhurst Boulevard is characterized by the following conditions:

- It is a 2-lane, north-south roadway local roadway
- It operates two-way traffic on a pavement width of approximately 8.5 metres
- The posted speed limit is 30 km/h
- There are sidewalks located on both sides of the street

The parking regulations on the subject section of Dewhurst Boulevard, are as follows:

East Side

- "No Parking Anytime" between Danforth Avenue and Fielding Avenue

West side

- "No Stopping Anytime" between a point A point 33 metres north of Danforth Avenue and a point 63.4 metres further north
- Permit parking from 12:01 a.m. to 10:00 a.m., between a point 96.4 metres north of Danforth Avenue and a point 45.1 metres north of Milverton Avenue

Construction Staging Area

As part of the second entrance exit program to improve safety for TTC users, an additional entrance/exit is being constructed on Dewhurst Boulevard south of Strathmore Boulevard. The westerly portion of the Donlands Station platform is located below Strathmore Boulevard near Dewhurst Boulevard. In order to construct the connections from the existing platforms to the new entrance/exit, it requires the full closure of a portion of Strathmore Boulevard near Dewhurst Boulevard and a closure of the easterly side Dewhurst Boulevard between the first laneway north of Danforth Avenue to just north of Strathmore Boulevard. In addition, a portion of the eastbound curb lane on Strathmore Boulevard will be closed to accommodate dewatering equipment and storage of construction materials.

A map of the proposed construction staging area is shown in Attachment 2.

Subject to approval, both sidewalks and the entire roadway will be closed on Strathmore Boulevard, between Dewhurst Boulevard and a point 39 metres east, from February 25, 2021 to January 31, 2023. A five-metre wide portion of the eastbound curb lane on Strathmore Boulevard, between a point 39 metres east of Dewhurst Boulevard and a point 60 metres west of Donlands Avenue, will also be closed to accommodate dewatering tanks and for the storage of construction materials. In addition, the east sidewalk and a five-metre wide portion of the northbound curb lane on Dewhurst Boulevard, from a point 11 metres north of Strathmore Boulevard to a point 40 metres north of Danforth Avenue (from the first laneway north of Danforth Avenue east of Dewhurst Boulevard) will be closed, from February 25, 2021 to January 31, 2023.

Vehicle and pedestrian access will be maintained for residents living on Strathmore Avenue between Donlands Avenue and Dewhurst Boulevard, via the intersection of

Strathmore Boulevard and Donlands Avenue only. Access to the residential properties abutting the full closure will be by walkways located on private property on the north and south sides of Strathmore Boulevard. These walkways will be intended for access to the residential properties within the full closure only and not intended for access by the public. Signage to advise pedestrians and motorists that they are unable to access Dewhurst Boulevard will be appropriately installed near the intersection Strathmore Avenue and Donlands Avenue.

Since Dewhurst Boulevard abutting the closure will be reduced a pavement width of 3.5 metres, it will be converted from two-way traffic to one-way southbound for the duration of the Dewhurst Boulevard closure. In order to provide additional crossing protection for pedestrians that will be required to cross Dewhurst Boulevard as a result of the closure of the east sidewalk, Transportation Services is recommending the installation of an all-way stop at the intersection of Dewhurst Boulevard and Strathmore Boulevard.

To ensure parked vehicles do not impede access, it is proposed that stopping be prohibited at all times on both sides of Strathmore Boulevard, between Dewhurst Boulevard and Donlands Avenue. In addition, it is proposed that stopping be prohibited at all times on the east side of Dewhurst Boulevard, between a point 33 metres north of Danforth Avenue and a point 20 metres north of Strathmore Avenue. An existing "No Stopping Anytime" regulation is currently in place on the west side of Dewhurst Boulevard, opposite the proposed construction staging area, as a result of another development that is ongoing on the west side of Dewhurst Boulevard. This regulation will be maintained until the closure on Dewhurst Boulevard has been completed. Residents of Strathmore Boulevard that are unable to access their driveways or have a valid parking permit will be able to obtain a parking permit to park on adjacent streets in the permit parking areas.

The contractor for TTC has advised Transportation Services that Strathmore Boulevard occupation will no longer be required once Stage 2 has been completed and there may be an opportunity to reopen Strathmore Boulevard before the January 2023 timeline.

Through ongoing dialogue, Transportation Services is satisfied that the TTC 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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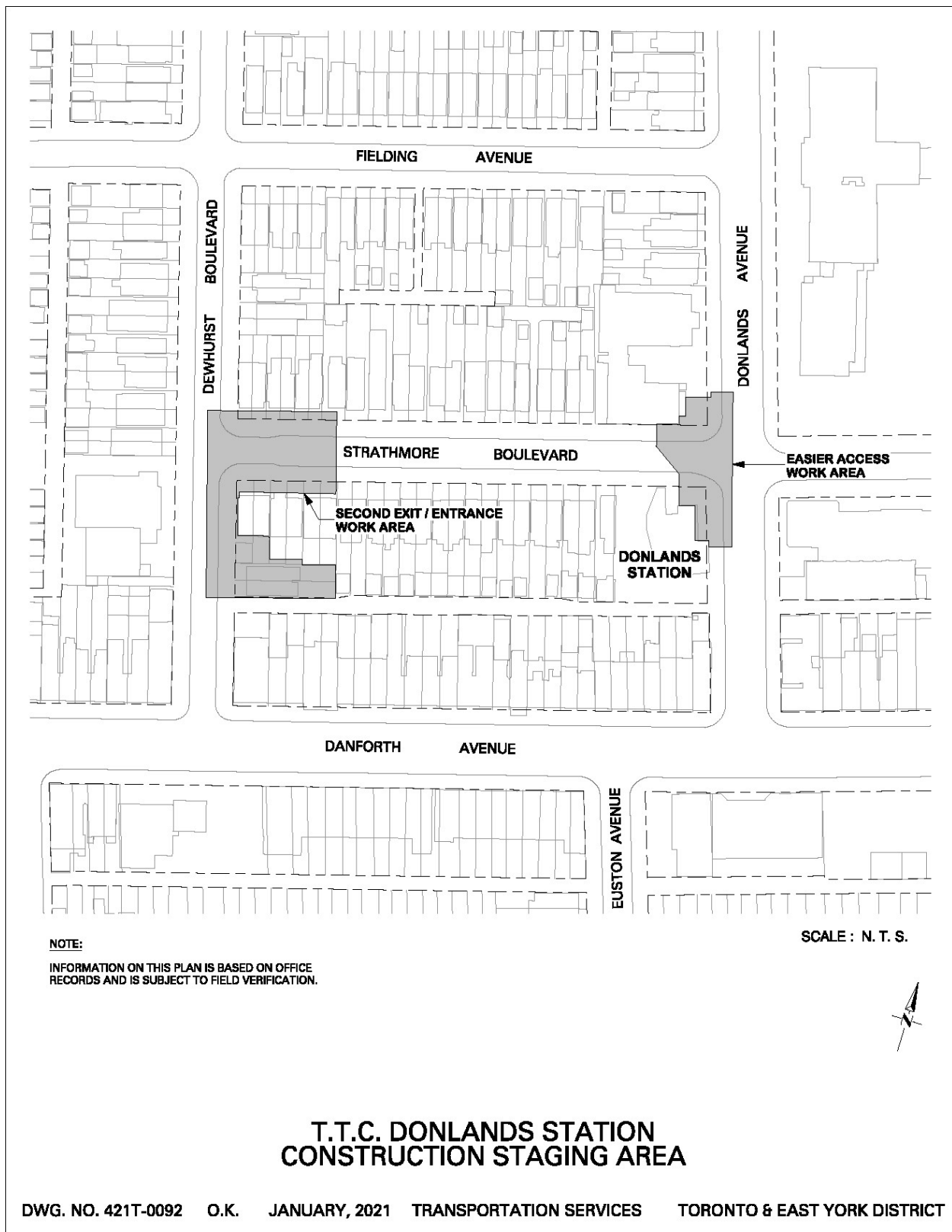
SIGNATURE

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

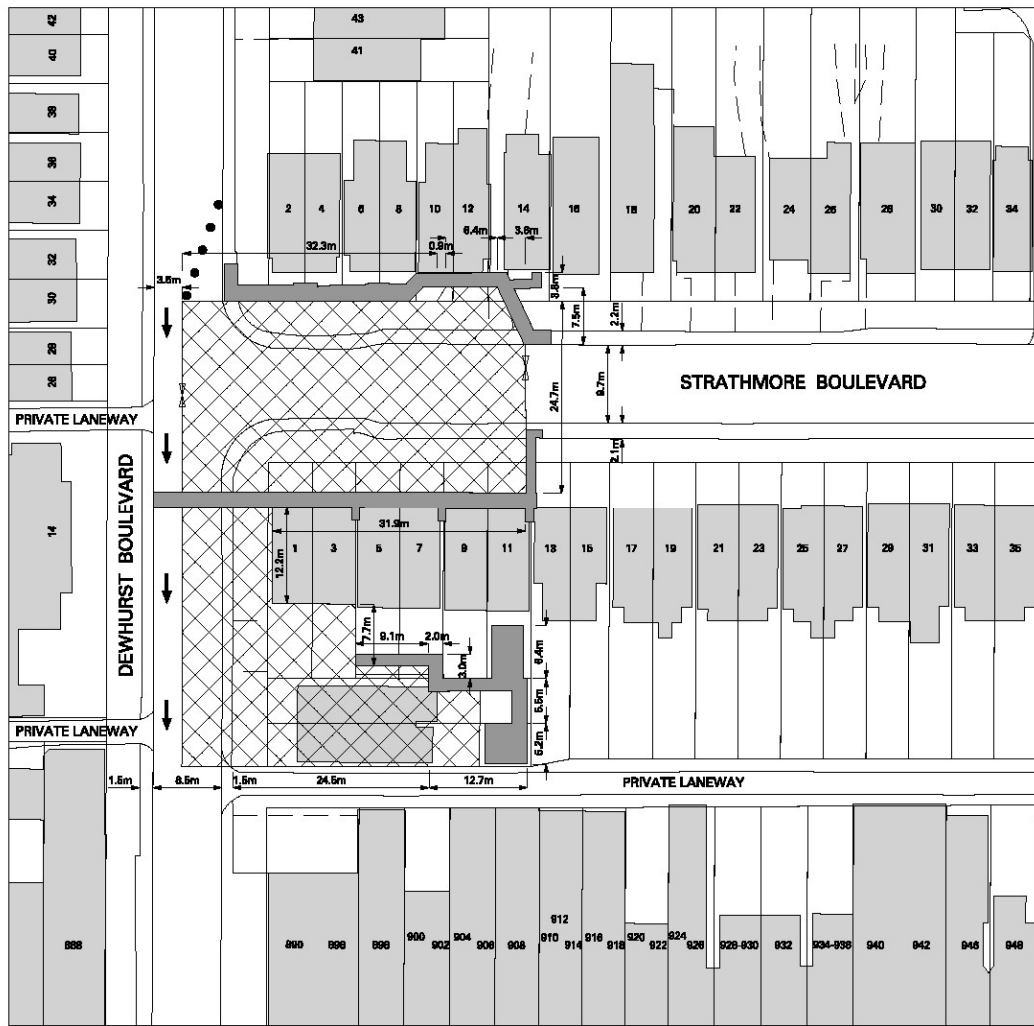
ATTACHMENTS

1. Construction Staging Area - Donlands Station
2. Construction Staging Area - Strathmore Boulevard and Dewhurst Boulevard

Attachment 1: Construction Staging Area - TTC Donlands Station



Attachment 2: Construction Staging Area - Strathmore Boulevard and Dewhurst Boulevard



SCALE: N.T.S.

LEGEND:

- PROPOSED JERSEY BARRIER
- ▨ PROPOSED CONSTRUCTION STAGING AREA
- ▩ PROPOSED CONSTRUCTION SITE
- ▤ PROPOSED COVERED PUBLIC LANEWAY
- ▥ PROPOSED WALKWAY
- +—+— PROPOSED FAST FENCE
- PROPOSED ENERGY ATTENUATOR
- PROPOSED TC-54 FLEXIBLE DRUM

NOTE:

1. ALL DIMENSIONS ARE APPROXIMATE.
2. ALL PROPOSED PAVEMENT MARKINGS TO BE INSTALLED BY CONTRACTOR.
3. INFORMATION ON THIS PLAN IS BASED ON OFFICE RECORDS AND IS SUBJECT TO FIELD VERIFICATION.
4. PROPOSED PAVEMENT MARKINGS ARE DEPICTED IN BLACK. EXISTING PAVEMENT MARKINGS ARE DEPICTED IN GREY.



STRATHMORE BOULEVARD AND DEWHURST BOULEVARD PROPOSED CONSTRUCTION STAGING AREA

DWG. NO. 421T-0091 O.K. JANUARY, 2021 TRANSPORTATION SERVICES TORONTO & EAST YORK DISTRICT