

## **Metrolinx Scarborough Subway Extension - Scarborough Centre GO Bus Relocation**

Date: April 4, 2022

To: Scarborough Community Council

From: Director, Planning and Capital Program, Transportation Services

Wards: Ward 21 - Scarborough Centre

### **SUMMARY**

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

Metrolinx GO Transit buses (GO Bus) and intercity buses currently operate out of the TTC Scarborough Centre Station (SCS) at 290 Borough Drive. In Fall 2022, GO Bus and intercity buses must relocate from the existing terminal as TTC requires the extra space in the SCS to run additional bus service to accommodate the decommissioning of Line 3 Scarborough, scheduled for 2023.

The Scarborough Subway Extension (SSE) project is constructing a new regional bus terminal, at north-east corner of McCowan Road and Bushby Drive, which is anticipated to open in 2030. This will be the future permanent home of GO Bus.

In an effort to maintain GO Bus service at Scarborough Centre, the GO Bus operations will be temporarily relocated to the east side of Borough Drive, between Progress Avenue and Triton Road from September 1, 2022 to December 31, 2030.

### **RECOMMENDATIONS**

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The Director, Planning and Capital Program Transportation Services recommends that:

1. City Council approve the temporary relocation of six GO Transit Bus Bays to the east side of Borough Drive, between Progress Avenue and Triton Road, from September 1, 2022 to December 31, 2030.
2. City Council authorize a bus loading zone at all times, for GO Transit Buses only, on the east side of Borough Drive, between a point 40 metres south of Progress Avenue and a point 20 metres north of Triton Road.
3. City Council amend the existing parking prohibition in effect at all times on the east side of Borough Drive, between Progress Avenue (west intersection) and Triton Road,

to be in effect from Progress Avenue and a point 40 metres south and from Triton Road and a point 20 metres north.

4. City Council direct that Borough Drive, between Progress Avenue and Triton Road, be returned to its pre-construction traffic and parking regulation when construction of the new Scarborough Centre Station is complete.

## **FINANCIAL IMPACT**

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There is no financial impact to the City. Metrolinx and its contractors are responsible for all costs, including payment of fees to the City for occupancy of the road right-of-way, traffic signage and any infrastructure improvements required to accommodate relocation of the GO Bus bays.

## **DECISION HISTORY**

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This is a new initiative.

## **COMMENTS**

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GO Bus and intercity buses have been providing service to the TTC SCS since 1987. GO Bus currently operates within the TTC SCS with six dedicated and shared bus bays. The GO bus bays are currently utilized by the GO Bus routes 41 Hamilton/Pickering, 92 Oshawa/Yorkdale, 93 Durham College/VOIT-Scarborough Express, 94 Pickering/Square One and 96 Oshawa/Finch Express. The bus bays dedicated to GO Bus operations are also shared with some inter-regional bus operators such as Coach Canada.

TTC has notified GO Bus that the SCS GO Bus lease will not be renewed in 2022 and that the intercity carriers must vacate the SCS terminal by October 2022. TTC requires the existing GO bus bays to run additional TTC bus service due to decommissioning of Line 3 Scarborough.

In an effort to maintain GO bus service at the Scarborough Centre, Metrolinx has evaluated the feasibility of relocating GO Bus bays at a number of sites based on proximity to the SCS terminal, traffic volumes, pedestrian volumes, existing bus service routes, bus turning radii, impact on adjacent residences, available space for new bus shelters, signage and PRESTO equipment, and Go Bus customer experience. In addition, Metrolinx has consulted with the City, area property owners and the local Councillor's office to identify a preferred location.

Metrolinx has determined that their preferred temporary location for, their GO Bus bays are the east side of Borough Drive, between Progress Avenue and Triton Road. These relocated bus bays will be exclusively dedicated for the GO Bus service. Figure 1 below

shows the approximate location of relocated GO Bus Bays on the east side of Borough Drive, between Progress Avenue and Triton Road.

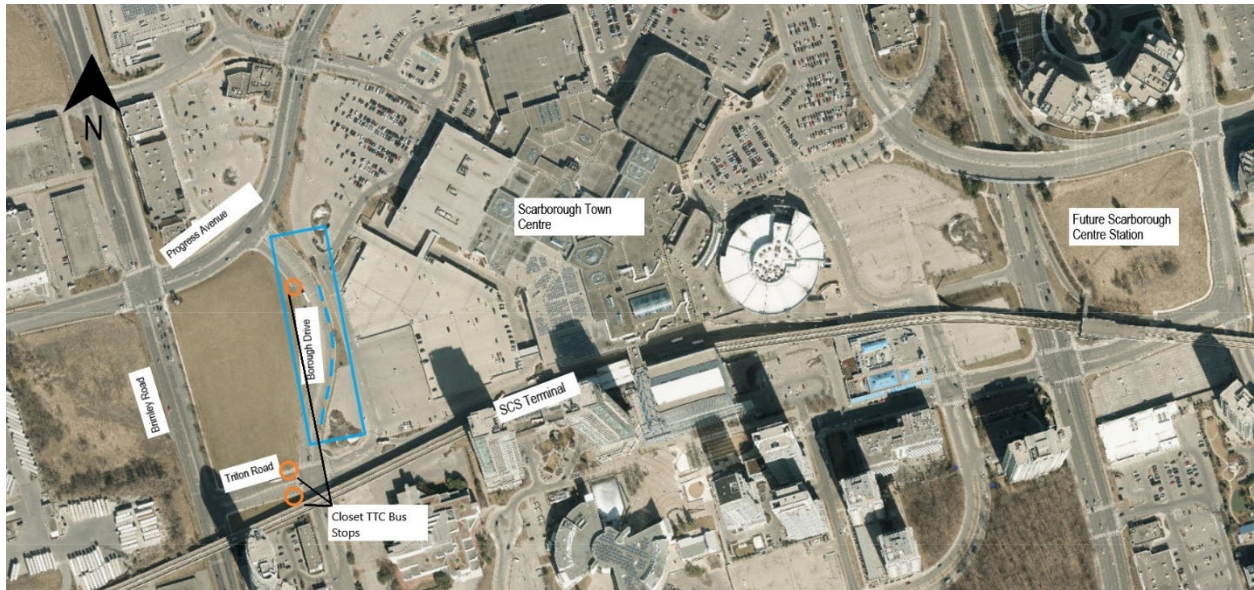


Figure 1 – GO Bus Bays Relocation to Borough Drive

Source: Metrolinx

### Traffic Impact

Metrolinx's traffic consultant has studied the traffic impact of GO bus service relocation on the nearby boundary road intersections. To remain conservative, the consultant has used year 2031 traffic volumes on the boundary road network and 16 buses per hour using the relocated bus bays on Borough Drive. The 16 buses per hour assumption is based on potential increase of GO bus service to meet ridership demand, if required. The current service projects are actually 12 buses per hour. Figure 2 shows the GO bus routing.

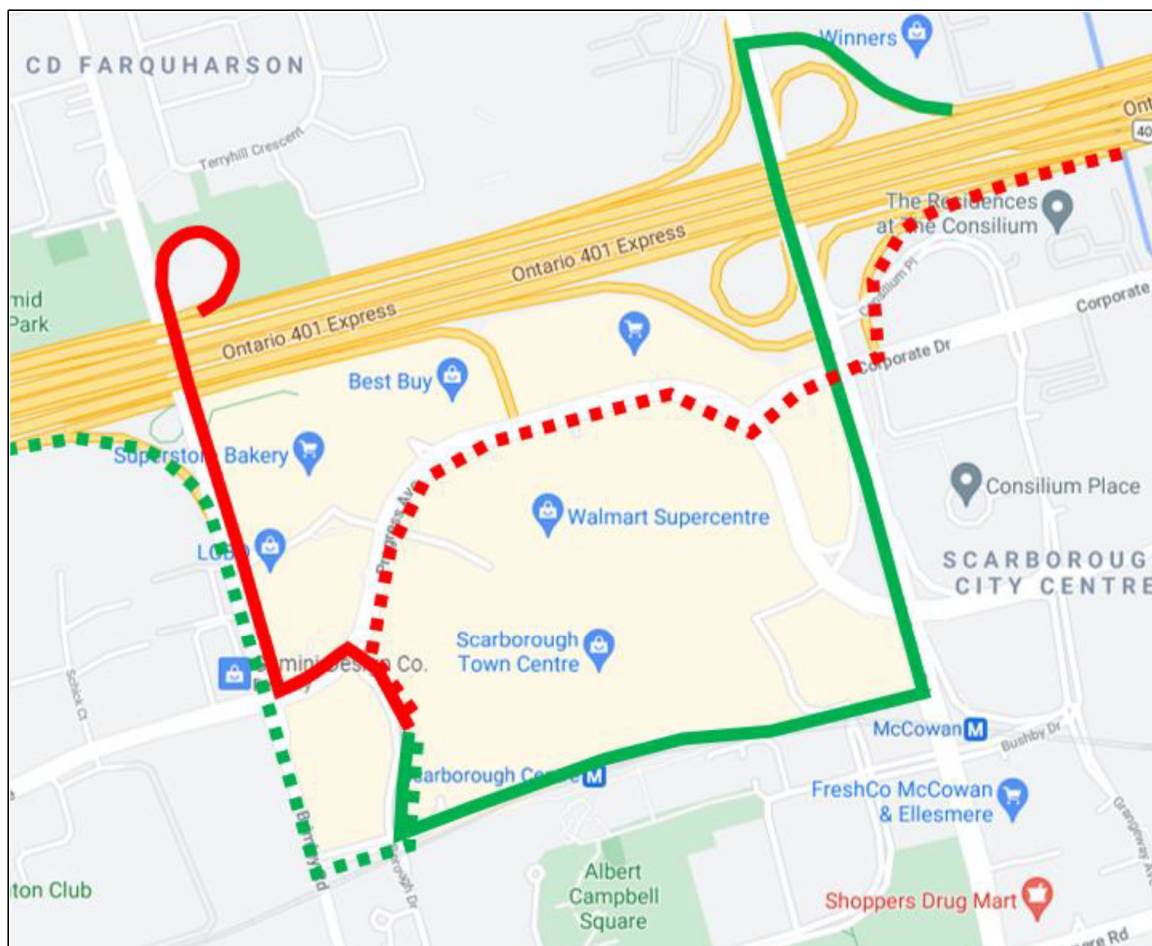


Figure 2 – GO Bus Routing

Source: Metrolinx

Metrolinx's consultant has analyzed a.m. and p.m. peak hour traffic operations at the unsignalized intersections of Progress Avenue and Borough Drive and Progress Avenue and Triton Road and signalized intersections of Progress Avenue and Brimley Road and Brimley Road and Triton Road.

The traffic operations analysis indicates that the addition of 16 buses per hour is not expected to have a significant impact on the network traffic operations during the morning and afternoon peak hours. The traffic movements that operate at or near capacity under existing conditions are expected to continue operating at or near capacity with the addition of 16 buses per hour.

Metrolinx traffic consultant has conducted traffic signal warrant analysis for the intersection of Progress Avenue and Borough Drive using the methodology outlined in the Ontario Traffic Manual (OTM) Book 12. The traffic signal warrant analysis does not meet the criteria as outlined in the OTM Book 12. Therefore, no traffic signal control is expected to be required at this intersection. However, City staff in coordination with Metrolinx will continue to monitor the traffic operations including safety of vehicular movements and ask Metrolinx for further investigation, if required.

## Transit Connectivity

Figure 3 below shows the nearest TTC bus stops serving the TTC bus routes 43 Kennedy NB and SB, and 21 Brimley NB and SB. Both of these routes provide connection between the Line 2 Kennedy Station and Scarborough Centre Station terminal. The relocated GO bus spaces will be approximately 50 metres to 120 metres from the closest TTC bus stops and approximately 250 metres to 350 metres from the SCS terminal.



Figure 3 – Transit and Pedestrian Connectivity

Source: Metrolinx

## Pedestrian Connectivity and Transfers

Tables 1 and 2 below shows the estimated pedestrian volumes during the a.m. and p.m. peak hours and percentage transfers.

Table 1: Estimated Alighting and Boarding. Source: Metrolinx

Type of Trip	A.M. Peak Hour	P.M. Peak Hour
Alighting	206	255
Boarding	258	272

Table 2: Estimated Transfers. Source: Metrolinx

<b>Destination of Transfer</b>	<b>Transfer Percentage</b>
Mall/local	28%
TTC	56%
GO bus	16%

Pedestrian connectivity between the nearby TTC bus stops, the Scarborough Centre Mall and the relocated GO bus bays will be provided by using the existing sidewalk network on Triton Road and Borough Drive. In addition, Metrolinx is currently working with Oxford Properties to identify additional opportunities for implementation of pedestrian and wayfinding amenities.

### **Customer Amenities**

Metrolinx is currently working with City staff to finalize design of the relocated GO Bus bays. Metrolinx will install bus shelters, accessible bus platforms, Presto machines, City of Toronto trash receptacles and wayfinding signage.

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

### **CONTACT**

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### **SIGNATURE**

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### **ATTACHMENTS**

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