



**For Action
with Confidential Attachment**

SRT Replacement Transit Priority Measures – Delegation of Authority

Date: June 12, 2023
To: TTC Board
From: Chief Capital Officer

Reason for Confidential Information

This report contains information about a trade secret or scientific, technical, commercial, or financial information that belongs to the City or local board and has monetary value or potential monetary value.

Summary

The purpose of this report is to seek TTC Board approval to delegate authority to the TTC Chief Executive Officer for the award of Contract J35-12, SRT Replacement Transit Priority Measures provided that the contract award values are within the TTC estimate, which is summarized in the Confidential Attachment. Approval of the delegated authority by the Board will enable the TTC to expedite this work which is required in time for the SRT bus replacement service on November 19, 2023.

The work of this contract consists of the supply of all labour, equipment, and materials to modify and upgrade the roadways along the SRT bus replacement route between Scarborough Centre Station and Kennedy Station in order to facilitate the reliable and efficient movement of SRT replacement buses, including but not limited to:

1. Modify lanes and widen roads
2. Modify and install traffic signals
3. Paint dedicated bus lanes
4. Revise roadway signage and pavement markings
5. Modify traffic islands
6. Install new concrete pads for bus stops

Recommendations

It is recommended that the TTC Board:

1. Delegate authority to the TTC Chief Executive Officer to award the SRT Transit Priority Measures construction contract provided that the contract award values are within the TTC estimate as set out in the Confidential Attachment and subject to prior confirmation by the Chief Capital Officer and Chief Financial Officer.

2. Authorize that the information in the Confidential Attachment remain confidential until such time as the Transit Priority Measures construction contract is awarded.

Financial Summary

Funds for this expenditure are included in the TTC's 2023-2032 Capital Budget and Plan under the SRT Life Extension/Transition capital program, which includes the SRT Bus Replacement Infrastructure project, and was approved by the TTC Board on January 9, 2023, and by City Council on February 15, 2023.

The total capital project cost for the SRT Bus Replacement Infrastructure project is approximately \$96.15 million including costs to the end of 2022 of \$2.7 million as outlined in Table 1 below. The TTC's 2023-2032 Approved Capital Budget and Plan provides funding of \$34.82 million, which includes the Kennedy and Midland SRT Replacement Transit Priority Measures work package. Of the total approved funding, approximately \$12.6 million has been committed to date for the SRT Bus Replacement Infrastructure project.

The Conversion of SRT Right Of Way (ROW) to a Busway work package of \$58.6 million remains unfunded, as identified in Table 1 below, however, the TTC will be progressing with the design for the Busway from 30% to 100% and will identify a funding offset of \$2.9 million within its 2023 Capital Budget for this purpose. As a result, \$55.7 million will remain unfunded to convert the SRT ROW to a Busway.

Table 1: Project Cash Flow including \$2.9M for 100% design of SRT ROW

Line 3/SRT Bus Replacement Infrastructure (\$ Millions)	LTD	2023	2024	2025	2026	2027	10-Year Plan	TOTAL
FUNDED								
Platform Modification at Scarborough Centre and Kennedy Stations	0.6	4.5	6.8	-	-	-	11.3	11.9
Transit Priority Measures	0.4	6.1	3.2	-	-	-	9.3	9.7
Temporary Bus Terminal at Kennedy Station	0.9	6.9	7.2	-	-	-	14.1	15.0
SRT ROW Conversion to Busway 100% Design	0.9	1.5	1.5	-	-	-	3.0	3.9
TOTAL FUNDED	2.7	19.0	18.7	-	-	-	37.7	40.5
UNFUNDED								
SRT ROW Conversion to Busway Construction	-	-	3.7	20.0	20.0	12.0	55.7	55.7
Total SRT Capital Requirement	2.7	19.0	22.4	20.0	20.0	12.0	93.4	96.2

Values in (000's)

Based on the expected progress of work, the contract expenditures will be incurred between 2023 and 2024 and will require the following cash flow funding outlined in Table 2 below:

Table 2: SRT Transit Priority Measures Cash Flow

	2023 Forecast	2024 Forecast	Total Contract Amount
Construction Expenditure	6,000.0	3,100.0	9,100.0
Non Rebatable HST 1.76%	105.6	54.6	160.2
Total Construction Expense	6,105.6	3,154.6	9,260.2
Rebatable HST	674.4	348.4	1,022.8
Total Authority, including HST	6,780.0	3,503.0	10,283.0

Values in (000's)

The Chief Financial Officer has reviewed this report and agrees with the financial impact information.

Equity/Accessibility Matters

The TTC is dedicated to promoting and supporting diversity, accessibility, and inclusion in all of its corporate policies, programs, and services. A cornerstone of the TTC's current Corporate Plan is universal accessibility, and as a proud leader in providing accessible public transit to Toronto residents and beyond, we are committed to ensuring reliable, safe, and inclusive transit services for all our customers.

Currently, Line 3 (Scarborough RT) is only partially accessible with elevators and other accessibility features provided at Kennedy and Scarborough Centre stations, and limited step-free access to southbound trains at Lawrence East Station. However, Ellesmere, Midland and McCowan stations are not accessible, as well as northbound service at Lawrence East Station. Accessibility improvements for these stations were removed from the scope of the TTC's Easier Access (EA) program in 2014 due to the expectation at the time that Line 3 would be upgraded or replaced by the provincially legislated Accessibility for Ontarians with Disabilities Act (AODA) deadline of 2025.

The SRT Bus Replacement Infrastructure project would replace the SRT with accessible bus service starting in 2023 by extending most existing bus routes that terminate at Scarborough Centre Station to Kennedy Station thereby meeting all applicable AODA requirements in terms of vehicles and accessible transit stops until the new fully accessible Line 2 East Extension (Scarborough Subway Extension project) is opened.

Due to the age and deterioration of the infrastructure, the train service on Line 3 is increasingly unreliable and is prone to failure and disruption, especially during inclement weather. In order to provide customers with more reliable transit service, the decision was made to have an orderly shutdown of Line 3 and to replace it with an express bus replacement service. This bus service will maintain frequent transit for numerous Neighbourhood Improvement Areas and equity-seeking groups in Scarborough. Also,

the transit priority measures enabled through this project will provide more reliable service.

Decision History

In the summer of 2019, the Province, through legislation, assumed responsibility for the delivery of the Line 2 East Extension (Scarborough Subway Extension project or SSE), and revised the scope of the project to a three-stop subway extension, with a revised completion date of 2030. To ensure ongoing transit service is provided until the completion of the Line 2 East Extension in 2030, several options were reviewed to provide transit service along the corridor.

The results of the options analysis were reported to the TTC Board in February 2021 and the Board approved a plan to end train service on Line 3 in 2023 and directed staff to begin developing plans for a bus replacement service and study potential future uses for the Line 3 ROW and legacy structures.

[SRT Life Extension Project Options Analysis](#)

An update was presented to the TTC Board in September 2021 and the Board approved the emerging direction for analyzing the corridors and the evaluation framework to develop actual routing options.

[Line 3 Bus Replacement Study Update](#)

At its meeting of April 14, 2022, the TTC Board approved replacing the Line 3 train service with an express bus service, converting the Line 3 ROW between Kennedy Station and Ellesmere Station to a bus roadway and operating a temporary express bus service until the conversion of the Line 3 ROW to a bus roadway is complete.

[Line 3 Bus Replacement Study Final Recommendations](#)

At its meeting of May 10, 2023, City Council approved on-street transit priority measures to support the Line 3 bus replacement service to provide best possible replacement service for our customers.

<https://secure.toronto.ca/council/agenda-item.do?item=2023.EX4.10>

Issue Background

Line 3 Scarborough (also known as Scarborough Rapid Transit or SRT) has surpassed its life expectancy and is planned to be decommissioned in Q4 2023. The targeted last day for train service is November 18, 2023, and the target bus replacement service start date is November 19, 2023. The Scarborough Subway Extension (SSE) being delivered by Metrolinx will ultimately replace the express bus service in 2030. Therefore, as directed by the TTC Board on February 10, 2021, an interim bus service plan was developed to operate on-street until the SSE is completed and operational. The TTC Board approved the bus replacement plan on April 14, 2022, including proposals to install transit priority measures on the road network. Subsequently, Toronto City Council approved the transit priority measures on May 10, 2023.

The work to increase the bus terminal capacities at Scarborough Centre and Kennedy stations to accommodate additional buses required to provide SRT replacement bus service has already started as part of other contracts. Transit priority measures are required to upgrade the streets to allow the bus replacement service to provide more reliable and fast journeys for customers. This contract is to procure the installation of the transit priority measures. A suite of transit priority measures is proposed to support the bus replacement service plan:

- 1) priority bus lanes on Kennedy Road, Ellesmere Road, Midland Avenue, and Eglinton Avenue East designed as a one-way loop routing between Kennedy Station and Scarborough Centre Station;
- 2) queue-jump lane on southbound Brimley Road at Ellesmere Road;
- 3) left-turn lanes exclusive to TTC buses;
- 4) transit signal priority; and
- 5) stopping and turning prohibitions.

The TTC will continue to inform customers of the planned Line 3 decommissioning throughout 2023, especially as the construction for the transit priority measures begins. This includes preparing in-station communication with large-format signage and notices on the transit network; digital communications with up-to-date notifications about construction progress; and print communication to post and distribute to customers, local communities, and residents. The TTC will also attend community outreach events to share information about this project. A dedicated project website was also established at www.ttc.ca/line3.

Comments

Delegation of Authority for Transit Priority Measures Contract Award

The Request for Bid (RFB) was publicly advertised on the MERX website on May 5, 2023 with a scheduled bid closing date of May 31, 2023.

The RFB stated that the bidders must possess a Certificate of Recognition (COR™) as issued by the Infrastructure Health and Safety Association (IHSA), at the time of the bid closing and for the duration of the contract.

The recommendation for award will be based on the lowest compliant total bid price, confirmation the bidder possesses the required COR™, and reference checks that demonstrate the lowest-priced compliant bidder has satisfactorily performed work of a similar size and nature.

The Board's delegation of authority to the TTC CEO to award the contract will expedite the commencement of construction on the SRT Transit Priority Measures to ensure that works are in place to allow for the replacement of the Line 3 train service with an express bus service until the conversion of the Line 3 ROW to a bus roadway is complete.

This process is proposed to be utilized provided that the contract award values within the value of the TTC's latest internal construction estimate and will be subject to confirmation by the Chief Capital Officer and the Chief Financial Officer as a condition of award.

Contact

Christopher Sawicki, Chief Project Manager – Major Projects
416-590-6489
christopher.sawicki@ttc.ca

Signature

Gary Downie
Chief Capital Officer
gary.downie@ttc.ca

Attachments

Attachment 1 – Confidential Information

Appendix 1 – Large-format in-station signage for existing Line 3 Stations
Appendix 2 – Takeaway postcard to be shared at community events
Appendix 3 – Spring 2023 Line 3 SRT community update shared available to Councillors


03079-622378174-3

APPENDIX 1 LARGE-FORMAT IN-STATION SIGNAGE FOR EXISTING LINE 3 STATIONS

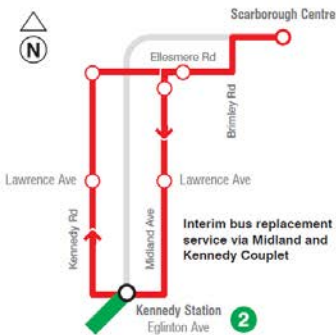
Signage regarding the decommissioning of Line 3 SRT will be installed in all existing SRT Stations in June 2023 to advise customers of upcoming service changes and provide information regarding the interim bus replacement plan.

Each Line 3 Station will receive large-format signage initially installed using vinyl material, on the large glass windows, at platform level of each Line 3 Station. Additional signage will be posted on Line 3 Station doors, concrete columns and Station entrance/exit walls leading up to the November, 2023 closure date.

Figure 1. Large format signage (wide format) advising of upcoming Line 3 decommissioning at existing Line 3 Stations




Service on Line 3 Scarborough is permanently ending November 2023




Service on Line 3 Scarborough will permanently end this fall and be replaced with express bus service.

The interim bus route will connect customers between Kennedy and Scarborough Centre Stations operating southbound via Midland Avenue and northbound via Kennedy Road. Lawrence East, Midland and McCowan Stations will be closed; however, buses will stop near these stations at intermediate stops on Kennedy Road, Ellesmere Road and Midland Avenue.

For more details and translated information, visit ttc.ca/line3



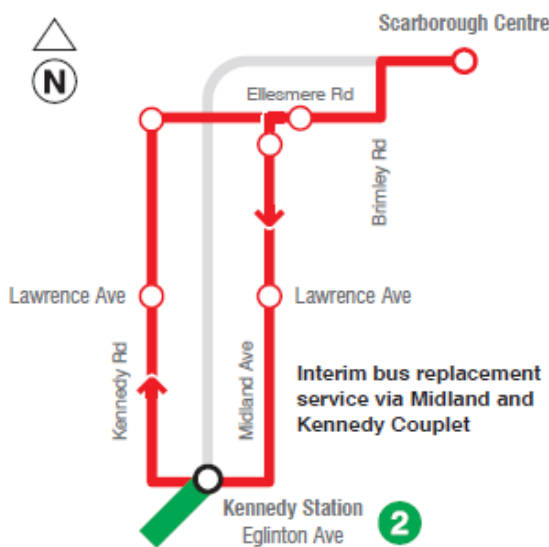


For additional details, contact:
Arjun Sahota
Senior Community Liaison Officer
647-706-6487 | Arjun.Sahota@ttc.ca
Scan the QR code or visit ttc.ca/line3

Figure 2. Large format signage (long format) advising of upcoming Line 3 decommissioning at existing Line 3 Stations



Service on Line 3 Scarborough is permanently ending November 2023



Service on Line 3 Scarborough will permanently end this fall and be replaced with express bus service.

The interim bus route will connect customers between Kennedy and Scarborough Centre Stations operating southbound via Midland Avenue and northbound via Kennedy Road. Lawrence East, Midland and McCowan Stations will be closed; however, buses will stop near these stations at intermediate stops on Kennedy Road, Ellesmere Road and Midland Avenue.

For more details and translated information, visit ttc.ca/line3



For additional details, contact:

Arjun Sahota

Senior Community Liaison Officer

647-706-6487 | Arjun.Sahota@ttc.ca

Scan the QR code or visit ttc.ca/line3



APPENDIX 2 TAKEAWAY POSTCARD FOR COMMUNITY EVENTS

The TTC has committed to attend community outreach events to share information about the Line 3 decommissioning project with the community. TTC staff are accepting invitations from community groups, Commissioners, and local Ward Councillors to attend events. In addition, staff are proactively identifying anchor events in Scarborough to arrange presence. In May, 4,000 postcards providing notice of Line 3 decommissioning were distributed.

Figure 3. Front and back of community postcard. Post card is printed in 4 inch by 6 inch format.



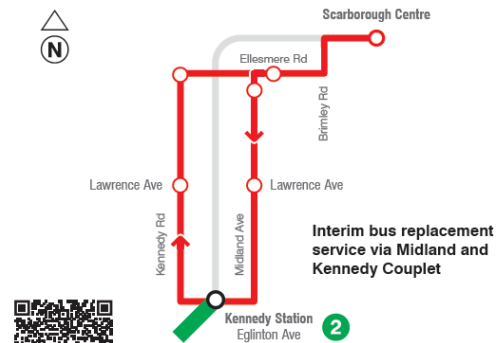
**Service on Line 3
Scarborough is ending
November 2023**

For more details and translated information,
visit ttc.ca/line3



Service on Line 3 Scarborough will end this fall and be replaced with express bus service.

The interim bus route will connect customers between Kennedy and Scarborough Centre stations, operating southbound via Midland Avenue and northbound via Kennedy Road. Lawrence East, Midland and McCowan stations will be closed; however, buses will stop near these stations on Kennedy Road, Ellesmere Road and Midland Avenue.



Scan the QR
code or visit
ttc.ca/line3

For additional details, contact:

Arjun Sahota
Senior Community Liaison Officer
647-706-6487 | Arjun.Sahota@ttc.ca

APPENDIX 3 SPRING 2023 LINE 3 SRT COMMUNITY UPDATE

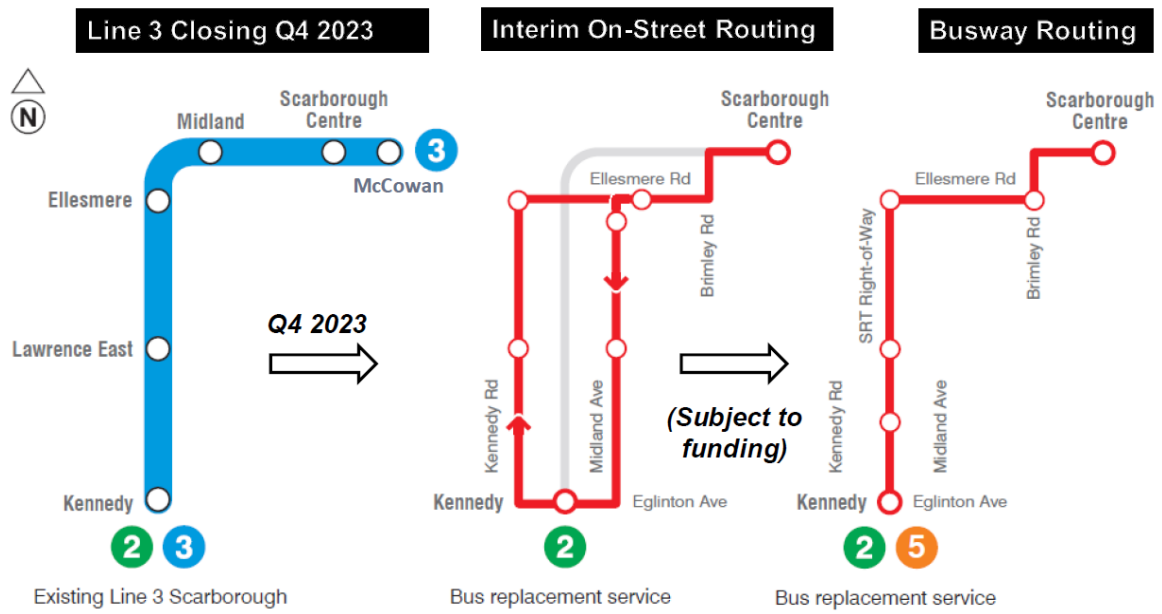
TTC staff have prepared a community update that may be circulated by commissioners and local ward councillors to inform the public about the future of Line 3 SRT. Staff will continue preparing regular community updates to keep the public informed on the status of this important infrastructure project.

Community Update – The Future of Line 3 Scarborough RT

In May, City Council approved on-street transit priority measures to support the Line 3 Express Bus Replacement Plan. Starting in November 2023, the current SRT system will be retired, and the express bus replacement plan will introduce frequent express buses, with a frequency of about 70 buses per hour in each direction, connecting Scarborough Centre and Kennedy stations via Kennedy Road and Midland Avenue. To facilitate this service, on-street transit priority measures have been approved, such as red painted priority bus lanes, transit signal priority on Midland Avenue and Kennedy Road, curb alignments, and turn restrictions along certain parts of the corridor. Construction for these measures will commence this summer.

Additionally, construction has already begun at Scarborough Centre and Kennedy Stations to accommodate the express bus replacement service. At Scarborough Centre Station, the work primarily focuses on expanding the former GO Transit bus terminal to accommodate more buses. At Kennedy Station, the existing south commuter lot has been repurposed to create new passenger platforms and handle the increased bus volumes. TTC staff have committed to completing the design of the approved SRT busway, which subject to funding, will convert sections of the current SRT tracks to provide express bus service, enhancing the reliability and efficiency of the bus replacement plan. The TTC will update City Council on the progress of design completion and status of funding discussions later this year.

Throughout the summer, customers will receive more information about the express bus replacement service through signage installation at existing stations, platform video screens, local mailers, and social media outreach. TTC staff will also be present at various community events in Scarborough, engaging with residents and addressing their concerns. To extend an invitation to a community event or to access additional project information, please visit the project website, www.ttc.ca/line3.



Existing Line 3, alongside the approved interim solution to serve customers until the Scarborough Subway Extension is operational in 2030