



**Toronto Transit Commission**  
1900 Yonge Street, Toronto, ON M4S 1Z2  
416-393-4000

August 28, 2019

Chris Murray  
City Manager  
City Hall, 4<sup>th</sup> Floor East Tower  
100 Queen Street West,  
Toronto, ON

**RE: TTC Capital Investment Plan**

Dear Chris,

On January 24, 2019 the TTC Board received the TTC's 15-Year Capital Investment Plan ("CIP"), "*Making Headway – Capital Investments to Keep Transit Moving, 2019-2033.*" This report was subsequently forwarded to City Council for information as part of the 2019 Budget Process.

The CIP outlines the results of a comprehensive review of all state-of good-repair needs and capital requirements to support asset lifecycle replacement and ridership growth. Required capital investments of \$33.5 billion over the next 15 years were identified in the CIP, based on order of magnitude cost estimates. Approximately \$24 billion is currently unfunded.

As a result, the TTC Board directed staff to work with the City to pursue intergovernmental funding opportunities in the interest of establishing a "*dedicated, long-term, stable and predictable funding plan*" to address TTC state of good repair needs. Further, as directed by the TTC Board and City Council, the TTC is currently in the process of undertaking a prioritization process to determine the most critical base capital needs within the CIP.

The prioritization process will take into consideration the interdependencies between various projects and programs in order to manage risk and achieve desired benefits. Further, several components of the CIP are necessary pre-requisites to further

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Julie Osborne, Commissioner



expansion of the transit network. The above listed considerations will be included in the current analysis underway and will inform recommendations to the TTC Board as part of the 2020 and future year budget processes.

The CIP outlines capital needs across all TTC asset type categories including streetcars, buses, stations, WheelTrans and subway infrastructure. The review of priorities will look at all categories. As requested, the following is a non-exhaustive summary of elements in the CIP that pertain to subway infrastructure:

- ATC resignalling (Line 1 and Line 2);
- Line 1 and Line 2 capacity enhancement—increasing capacity through purchase of new trains, yards, and other station infrastructure enhancements;
- Subway Track;
- Traction Power;
- Subway Infrastructure – Maintenance of bridges, tunnels (leak remediation; asbestos abatement), communications, and signal systems;
- Toronto Rocket/ T1 Rail Yard Accommodation;
- Purchase of Subway Trains – Ridership Growth and ATC – post 2028;
- T1 Subway Cars (Life Extension Overhaul); and
- Fire Ventilation Upgrade (Line 1 and Line 2).

There is also investment required in the following stations elements of the subway system— elevator and escalator overhaul and replacement; Easier Access Phase III (AODA)/Enhanced Station Access; and Platform Edge Doors.

The CIP includes further details on the above listed subway elements, as well as surface transit requirements in *Appendix – Base Capital Requirements* (p. 78-83). See following link:

[https://www.ttc.ca/About the TTC/Commission reports and information/Commission meetings/2019/January 24/Reports/10 TTC Capital Investment Plan Supplementary.pdf](https://www.ttc.ca/About%20the%20TTC/Commission%20reports%20and%20information/Commission%20meetings/2019/January%2024/Reports/10%20TTC%20Capital%20Investment%20Plan%20Supplementary.pdf)

As part of the 2020 budget process, cost estimates and schedules are being updated and will input into the CIP prioritization process. The TTC will continue to engage the City on the TTC's full state of good repair needs as the prioritization process progresses and advice and recommendations to the TTC Board are developed.



The TTC looks forward to continued engagement with the City in order to secure sustainable funding for priority SOGR requirements in the interest of maintaining a safe and reliable transit system for Toronto.

Sincerely,

A handwritten signature in black ink, appearing to read 'Richard J. Leary', written over a light blue horizontal line.

Richard J. Leary  
Chief Executive Officer

Copy:

Josie LaVita, Chief Financial Officer, Toronto Transit Commission  
Joan Taylor, Chief of Staff, Toronto Transit Commission  
Tracey Cook, Deputy City Manager, Infrastructure and Development Services, City of Toronto