

To: Metrolinx Board of Directors

From: Stephanie Davies
Chief Capital Officer (GO & UP)

Date: February 16, 2023

Re: **Capital Projects Group (GO & UP) Quarterly Report**

This report addresses activity and performance data for capital projects overseen by CPG (GO & UP) from Q3 of FY 2022-23 (October 1 to December 31, 2022) while incorporating some ensuing developments where appropriate.

Project Updates

- In November, three new customer amenities opened at Agincourt GO Station in Scarborough. A new accessible pedestrian tunnel replaced the existing at-grade pedestrian crossing of the tracks. The new tunnel will enhance safety for pedestrians travelling between the east and west sides of the railway corridor, whether customers getting to a train or local residents getting around their neighbourhood. A new north parking lot was completed that provides 74 parking spaces, bike shelters and pedestrian pathways connecting the station to the community. With this new lot, Agincourt GO now has 340 parking spaces, with an accessible passenger pick-up, drop-off area for 24 vehicles. Lastly, the full west platform opened to the public, an important milestone as this project approaches completion.
- In November, piling work started at Union Station as part of the Union Station Enhancement Project (USEP), Metrolinx' first project to use the Alliance model. These piles will form the foundation for the future south concourse that will seamlessly connect customers between Bay and York Streets. Once complete, the concourse will span approximately 325 meters, or roughly the length of a 12-car GO Train. Piling started at the west end of the USEP work area and will move east as the work progresses.
- Metrolinx's second project to use the Alliance model also hit an important milestone this quarter. Following a successful multi-stage procurement process, on November 22 an Alliance Development Agreement for the East Harbour Transit Hub was executed to bring together Metrolinx (as "owner-participant") with non-owner-participants SNC Lavalin/Bird and Hatch. Over the course of 2023, the integrated team will work through a Development Phase to refine design, cost and schedule for this critical station, and move several early works packages into execution. East Harbour station will anchor a major new development site and facilitate interchange between frequent GO service and the Ontario Line.

- Construction continues to advance on the series of contracts that are widening the Barrie railway corridor from Toronto to Aurora to accommodate its future double-tracking. Barrie GO Line expansion will bring all-day, two-way GO service for people across Toronto, York Region and Simcoe County. For a segment in King Township and southern Aurora, the project includes delivery and placement of gravel material in the rail corridor, relocation of utilities and upgrades to drainage infrastructure, including culvert and sewer works, installation of security fences, and stabilization and restoration of the disturbed soils. Phase 1 of works in this segment reached substantial completion on October 27, and Phase 2 construction commenced on October 3.
- In October, preparatory demolition works commenced for the King Liberty station, part of the SmartTrack program. The new station will be located in western Toronto on King Street West near Hanna and Atlantic Avenues. It will include two island platforms servicing the Kitchener GO rail corridor, a pedestrian bridge providing access from King St. West, a pedestrian bridge from Sudbury Street to Joe Shuster Way, and bike parking. The station is anticipated to be operational in 2026.

Quarterly Performance Data

Safety

Both the Lost Time Injury Frequency Rate (LTIFR) and the Total Recordable Injury Rate (TRIR) are calculated based on a 12-month rolling number, taking in to account the total hours and number of lost time injuries over the course of the previous year.

- The LTIFR for contractors working for CPG (GO & UP) at the end of the quarter was 0.098, up from 0.0 at the end of the previous quarter, as there was one lost time injury in October. Emergency services were called when a worker experienced a fall on the Utilities Early Works Project.
- The TRIR includes lost time injuries, critical injuries, and external medical care incidents. The Ontario Workplace Safety and Insurance Board target for TRIR is 4.76, and in March 2022 a Metrolinx target was introduced, which seeks to reduce the TRIR by 15 per cent over the course of the 2022-23 fiscal year. As of the end of this quarter, the target was 2.52 and CPG (GO & UP) had a TRIR of 1.77, down from 1.97 at the end of the previous quarter.

Financial

A summary of major capital project incurred costs for CPG (GO & UP) is shown in Table 1.

Table 1: CPG (GO & UP) Capital Projects Incurred Costs to December 31, 2022

	Current Baseline less Exclusions (\$M)	Incurred Costs to date (\$M)	Incurred Costs this quarter (\$M)
Early Works	\$10,816	\$6,807	\$212
Off Corridor	\$619	\$54	\$1
On Corridor	\$12,052 ^a	\$1,765	\$167
Core GO Expansion Total	\$23,487^a	\$8,626	\$380
GO Extensions	\$1,705	\$126	\$15
SmartTrack Stations	\$1,463	\$134	\$29

All figures are reported in year-of-expenditure dollars and are not directly comparable with those in other contexts expressed as nominal dollars. Similarly, figures encompass full project implementation costs (i.e. including elements such as property, owner's project management & professional services costs and private financing where relevant) and are not directly comparable to figures provided in other contexts for construction costs or the value of major contract(s).

^a Value does not reflect the full project cost. Project includes a progressive contract that is currently in its Development Phase. To obtain the best value from the market, the published baseline value omits the portion of the approved project budget allocated to the future Implementation Phase of this contract. The baseline will be updated to disclose the associated project budget as Implementation Phase pricing is agreed, before corresponding costs begin to be incurred.

Respectfully submitted,

Stephanie Davies
Chief Capital Officer (GO & UP)