



MAJOR PROJECTS UPDATE

Financial Period Ended April 26, 2025

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This report has been prepared by the Portfolio Management Office in consultation with the Project Teams. Financials are reflected as of April 26, 2025, in line with the 2025 financial reporting, with project updates up to May 15, 2025.

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Overview

This is the P1-P4 2025 Major Projects Update report. The scope of this quarterly report focuses on the performance and delivery of major capital projects and programs that are fully or partially funded in the TTC's 10-Year Capital Budget and Plan, a subset of the total 15-Year Capital Investment Plan, which has been prioritized for investment.

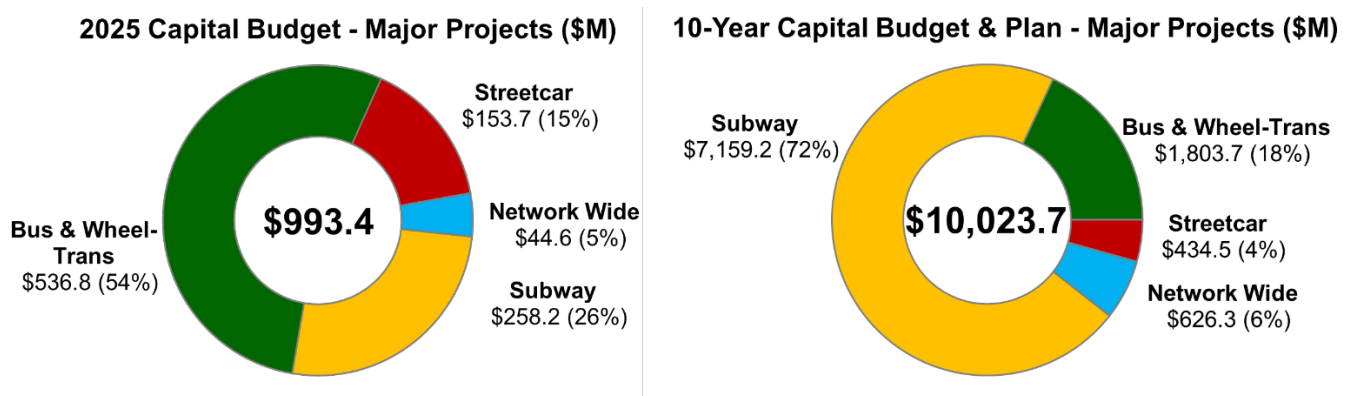
Each major project/program is tied to strategic directions and objectives outlined in the Board-approved [2024-2028 TTC Corporate Plan: Moving Toronto, Connecting Communities](#). Investment in the TTC's capital assets will advance the following key strategic directions: 1) Build a Future Ready Workforce; 2) Attract New Riders, Retain Customer Loyalty; 3) Place Transit at the Centre of Toronto's Future Mobility; 4) Transform and Modernize for a Changing Environment; and 5) Address the Structural Fiscal Imbalance.

Major Projects and Programs

The TTC's delivery of the capital program is guided by the TTC's Project Management Framework. This framework consists of three classifications of projects: Category 1, 2, and 3. Category 3 projects represent the TTC's major projects, based on the magnitude of cost, complexity, risk, interdependency with other major projects and programs, and strategic importance to the organization. The TTC's approved 2025-2034 10-Year Capital Plan is \$16.399 billion. Category 3 projects comprise 61% of the TTC's 10-Year Capital Plan, with \$10.023 billion in funding allocated across the mode-based portfolios. (See Figure 1 below)

This Major Projects Update report highlights the performance of these projects and programs against their approved budget, planned schedule, and in-scope activities. These projects are grouped into specific mode-based portfolios: Subway, Streetcar, Bus and Wheel-Trans, and Network Wide. This mode-based portfolio approach provides co-ordination and oversight for projects and programs with key interdependencies that must be managed together to achieve benefits for customers and employees, and to meet service objectives.

Figure 1. TTC Major Projects and Programs - 2025-2034 10-Year Capital Plan



Key Highlights

Since the last Major Projects Update report, presented to the Board in April 2025, the following are key highlights:



Purchase of New Subway Trains:

Completed Stage 1 Pass/Fail and Stage 2 Cybersecurity evaluation and Confidential Cybersecurity Meetings.



Line 2 Automatic Train Control:

Completed 50% design for Phase 1 and 2 facilities and 60% of cable route management system.



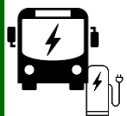
Stations Transformation:

Completed upgrades of the Public Announcement system at all 70 stations and implementation of the Customer Service Agent (CSA) model.



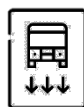
Bloor-Yonge Capacity Improvements:

Awarded contract and commenced the Development Phase of the Progressive Design Build (PDB).



Green Bus Program:

Received 103 of the 340 eBuses, of which 66 are available for service.



Scarborough Rapid Transit:

Finalized license agreement with Hydro One (HONI) for the land to build the Tara Avenue bus stop.



Purchase of Wheel-Trans Buses:

Received 61 of the 85, six-metre ProMaster buses, of which 58 are currently in service.



Wheel-Trans 10-Year Transformation:

Commenced deployment of the Reservation, Scheduling and Dispatch (RSD) in April 2025.



Purchase of 60 Streetcars:

To date, 46 of 60 accessible streetcars have been delivered, of which 41 are currently in service.



Russell Carhouse Facility:

Phase 1 - Track and Yard Overhaul: Completed Stage 2 (Tracks 13-15).



VISION:

Smart Yard implementation was operationalized at Leslie Barns carhouse and Arrow Road, Malvern and Mount Dennis garages.



TTC Operations Facility:

Completed Preliminary Design for the Demolition Contract and submitted a site plan application.

Mode-Based Portfolio Dashboard

Category 3 / Major Projects & Programs	Project/Program				Financial Summary (\$ Millions)									Status Outlook to Completion			
	Corporate Plan Action	Type	Start Year	Forecast Completion Year	Spend-to-Date	2025 YTD		2025 Budget	10-Year Approved Budget & Plan	Total Approved Budget	Total 15-Year CIP Unfunded	Total Projected EFC	Funding	Scope	Cost	Schedule	Overall
						Budget	Actual										
Subway Portfolio																	
Easier Access Phase III	2.2.7	LEGIS	2007	2028	\$827.3	\$36.7	\$28.9	\$123.3	\$403.4	\$1,201.8	-	\$1,201.8	G	G	Y	Y	Y
Station Second Exits Program	2.4.2	H&S	2002	2033	\$52.2	\$1.2	\$0.9	\$13.2	\$146.5	\$197.9	\$25.6	\$223.5	Y	G	Y	G	Y
Fire Ventilation Upgrades	2.4.2	SOGR	1998	Ongoing	\$376.5	\$0.8	\$1.8	\$7.4	\$230.8	\$605.6	\$223.0	\$828.6	G	G	Y	G	Y
New Subway Train Procurement: Line 2 - 55 T1 Replacement Trains	2.4.3	SOGR	2020	2035	\$4.5	\$0.4	\$0.4	\$1.6	\$2,216.8	\$2,220.9	\$53.0	\$2,273.8	G	G	G	G	G
New Subway Train Procurement: Line 1 - 25 Growth Trains	3.1.1	Growth	2020	TBD	\$4.5	\$0.1	\$0.2	\$0.4	\$283.9	\$288.3	\$723.2	\$1,011.5	Y	G	G	Y	Y
Line 2 - Automatic Train Control (ATC) Resignalling	2.4.3	SOGR	2021	2036	\$36.5	\$4.1	\$5.4	\$15.5	\$605.5	\$636.6	\$279.2	\$915.7	G	G	G	G	G
Line 2 - Capacity Enhancement Program (Line 2 CEP)	3.1.3	SI	2019	2041	\$47.5	\$2.6	\$3.2	\$10.2	\$966.4	\$1,010.8	\$1,620.0	\$2,630.7	Y	G	G	G	G
Line 1 - Capacity Enhancement Program (Line 1 CEP)	3.1.1	SI	2019	2041	\$89.1	\$6.1	\$5.7	\$21.8	\$997.8	\$1,081.1	\$5,628.4	\$6,709.5	Y	G	G	Y	Y
Bloor-Yonge Capacity Improvements	3.1.2	SI	2015	2035	\$139.1	\$10.2	\$16.3	\$60.4	\$1,303.5	\$1,426.2	\$87.8	\$1,514.0	G	G	Y	Y	Y
Stations Transformation	2.2.3	SI	2017	2025	\$47.4	\$1.0	\$1.1	\$4.5	\$4.5	\$50.8	-	\$50.8	G	G	G	G	G
Total Subway Portfolio					\$1,624.6	\$63.3	\$63.9	\$258.2	\$7,159.2	\$8,719.8	\$8,640.0	\$17,359.9					
Bus & Wheel-Trans Portfolio																	
SRT Right-of-Way (ROW) Conversion to Busway	2.3.3	SOGR	2015	2027	\$28.2	\$1.6	\$1.7	\$17.8	\$67.3	\$93.8	-	\$93.8	G	G	G	G	G
Wheel-Trans 10-Year Transformation	2.2.7	LEGIS	2017	2027	\$36.3	\$0.6	\$0.6	\$2.2	\$14.1	\$49.8	-	\$49.8	G	G	G	G	G
Purchase of Wheel-Trans Buses (Gasoline & Electric)	2.2.7	SOGR	2016	2026*	\$79.3	\$3.8	\$4.0	\$11.8	\$19.2	\$94.5	\$417.6	\$512.1	Y	G	G	G	G
Purchase of eBuses	3.3.1	SOGR	2021	2026*	\$309.3	\$53.9	\$81.1	\$456.8	\$1,190.7	\$1,418.8	\$3,427.7	\$4,846.6	R	G	G	R	R
eBus Charging Systems	3.3.1	SOGR	2022	2026*	\$199.8	\$6.9	\$4.0	\$48.2	\$512.4	\$708.2	\$1,000.8	\$1,709.0	R	G	G	R	R
Total Bus & Wheel-Trans Portfolio					\$652.8	\$66.9	\$91.4	\$536.8	\$1,803.7	\$2,365.1	\$4,846.2	\$7,211.3					
Outlook to Completion					Total Category 3 Portfolio (\$ Millions)								YTD: Year-to-Date EFC: Estimated Final Cost H&S: Health & Safety SI: Service Improvements LEGIS: Legislated SOGR: State-of-Good-Repair CIP: Capital Investment Plan				
G	On Track				Spend-to-Date	2025 YTD		2025 Budget	10-Year Approved Budget & Plan	Total Approved Budget	Total 15-Year CIP Unfunded	Total Projected EFC					
Y	At Caution / Tracking Behind					Budget	Actual										
R	At Risk / Missed Target																
					\$3,086.8	\$193.5	\$220.7	\$993.4	\$10,023.7	\$12,889.7	\$13,486.2	\$26,375.9					

Note: 1) Total Projected EFC = Total Approved Budget + Total 15-Year CIP Unfunded 2) Spend-to-Date = Total Spent to 2024 + 2025 YTD Actuals

*Forecast Completion Year reflects the funded scope of the projects/programs.

Mode-Based Portfolio Dashboard (Continued)

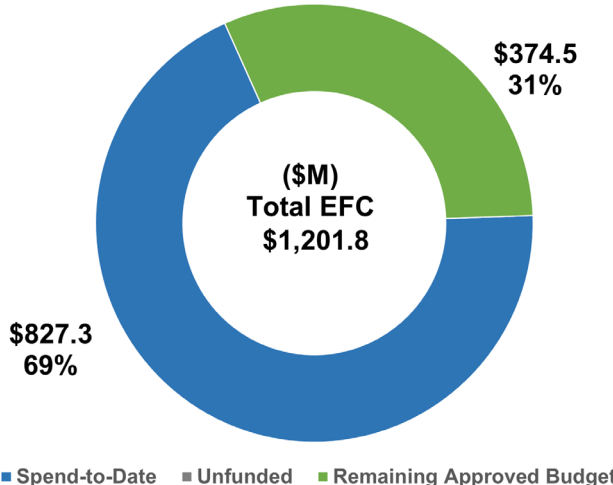
Category 3 / Major Projects & Programs	Project/Program				Financial Summary (\$ Millions)									Status Outlook to Completion			
	Corporate Plan Action	Type	Start Year	Forecast Completion Year	Spend-to-Date	2025 YTD		2025 Budget	10-Year Approved Budget & Plan	Total Approved Budget	Total 15-Year CIP Unfunded	Total Projected EFC	Funding	Scope	Cost	Schedule	Overall
						Budget	Actual										
Streetcar Portfolio																	
Purchase of 60 Streetcars	3.1.5	Growth	2019	2026	\$411.5	\$52.8	\$52.8	\$142.6	\$157.4	\$516.1	-	\$516.1	G	G	G	G	G
Hillcrest Facility	3.1.5	SI	2021	2029	\$16.0	\$1.8	\$3.0	\$6.4	\$145.6	\$158.6	-	\$158.6	G	G	Y	G	Y
Russell Carhouse	3.1.5	SOGR	2021	2029	\$41.5	\$1.3	\$3.0	\$4.7	\$131.6	\$170.0	-	\$170.0	G	G	G	G	G
Total Streetcar Portfolio					\$469.0	\$55.9	\$58.8	\$153.7	\$434.5	\$844.8	-	\$844.8					
Network Wide Portfolio																	
TTC Operations Facility	3.1	Growth	2024	2032	\$15.9	\$0.5	\$1.0	\$2.1	\$481.4	\$496.3	-	\$496.3	G	G	G	G	G
VISION - CAD/AVL	2.1.2	SOGR	2016	2025	\$104.5	\$0.5	\$1.0	\$4.3	\$8.1	\$111.7	-	\$111.7	G	G	G	Y	Y
SAP ERP Implementation	4.3.2	SOGR	2014	2027	\$147.7	\$6.1	\$4.5	\$36.0	\$129.7	\$272.8	-	\$272.8	G	G	G	Y	Y
PRESTO	2.2.6	Growth	2012	2027	\$72.2	\$0.3	\$0.1	\$2.3	\$7.1	\$79.2	-	\$79.2	G	Y	G	R	R
Total Network Wide Portfolio					\$340.3	\$7.4	\$6.6	\$44.6	\$626.3	\$960.0	-	\$960.0					
Outlook to Completion					Total Category 3 Portfolio (\$ Millions)									YTD: Year-to-Date EFC: Estimated Final Cost H&S: Health & Safety SI: Service Improvements LEGIS: Legislated SOGR: State-of-Good-Repair CIP: Capital Investment Plan			
G	On Track				Spend-to-Date	2025 YTD		2025 Budget	10-Year Approved Budget & Plan	Total Approved Budget	Total 15-Year CIP Unfunded	Total Projected EFC					
Y	At Caution / Tracking Behind					Budget	Actual										
R	At Risk / Missed Target					\$3,086.8	\$193.5						\$220.7				

Note: 1) Total Projected EFC = Total Approved Budget + Total 15-Year CIP Unfunded

2) Spend-to-Date = Total Spent to 2024 + 2025 YTD Actuals













Subway Portfolio

Easier Access Program

Strategic Alignment to Corporate Plan								Project Type	
Objective 2.2: Improve the Customer Experience by Providing a Safe, Accessible and Comfortable Journey Action 2.2.7: Publish the TTC’s 5-Year Accessibility Plan and Finalize construction of the Easier Access Program								Legislative	
								Asset Class	
								Facilities	
Funding Status		Performance Scorecard (Outlook Status)							
G		Scope	G	Cost	Y ¹	Schedule	Y ²	Overall	Y
Scope Description									
The Easier Access Phase III (EAll) program provides upgrades to all TTC subway stations with accessible features, such as elevators, automatic sliding doors, updated signage, and wayfinding. The program also includes the redevelopment of Islington and Warden stations, which incorporates the construction of a new accessible bus terminal at each station once completed. The program contributes to the TTC’s efforts to meet accessibility requirements in accordance with the Accessibility for Ontarians with Disabilities Act, 2005 (AODA). AODA identified a January 1, 2025 date for compliance.									
Financials: Cost and Budget									
Project/Program Start		2007		 <p>(\$M) Total EFC \$1,201.8</p> <p>\$827.3 69%</p> <p>\$374.5 31%</p> <p>■ Spend-to-Date ■ Unfunded ■ Remaining Approved Budget</p>					
Forecast Completion Year		2028							
Estimated Final Cost (EFC)		\$1,201.8M							
Total Approved Budget		\$1,201.8M							
10-Year Approved Budget (2025-2034)		\$403.4M							
2025 Budget		\$123.3M							
2025 YTD Budget		\$36.7M							
2025 YTD Actuals		\$28.9M							
Schedule and Progress Update									
To date, 58 of 70 subway stations (83%) have been made accessible, with High Park Station becoming accessible in March 2025.									
The following summarizes the remaining 12 stations in the program:									
<ul style="list-style-type: none">Construction continues to progress at all 12 stations, with 11 stations expected to be accessible in 2025/2026.<u>Old Mill Station:</u> The contract was awarded on January 29, 2025. The Quantitative Risk Assessment (QRA) was completed, and the schedule has been updated to reflect a forecasted end date of Q3 2028 to accommodate risk allocation.									

A detailed report was provided to the TTC Board in December 2024 ([Report Link](#)), which outlined all program activities for the remaining stations. For stations that are not accessible as of January 1, 2025, a contingency service plan was developed for the interim period to ensure accessibility to the subway system. The table below provides the status and the anticipated Elevator in Service (EIS) dates for each of the remaining stations, currently in construction.

Program Schedule (As of April 30, 2025)

Station Projects	Phase	Construction % Complete		Elevators-in-Service	Status
Rosedale	Construction	95%		Q2 2025	
Christie	Construction	83%		Q3 2025	
Warden (EA/Re-dev) ³	Construction	68%	33%	Q4 2025	
Summerhill	Construction	77%		Q4 2025	
Greenwood	Construction	75%		Q1 2026	 ⁵
Islington (EA/Re-dev) ⁴	Construction	34%		Q1 2026	
Lawrence	Construction	82%		Q2 2026	
College	Construction	81%		Q2 2026	
Museum	Construction	80%		Q3 2026	 ⁵
Spadina	Construction	72%		Q3 2026	
King	Construction	43%		Q4 2026	
Old Mill	Construction	1%		Q3 2028	

Notes:

³The Warden EA contract will provide accessibility from the Passenger Pick-Up and Drop-Off (PPUDO) point to the concourse (first elevator) and the concourse to the subway (second elevator). In tandem with the temporary bus terminal, implemented on January 5, 2025, the completion of the Easier Access component will make this station fully accessible.

⁴Islington EA work will provide accessibility from the new street-level entrance (ramp) to the concourse and from the concourse to the subway platform (elevator). Accessibility from the new bus terminal to the concourse will be provided with an elevator as part of the Redevelopment.

Key Issues and Action Plans

- ⁵Following the removal of the previous elevator subcontractor at Greenwood and Museum stations, a new subcontractor was onboarded, and the TTC is working with the general contractor to identify opportunities for schedule recovery at both stations.
- ²The overall program schedule has been flagged at caution (yellow) due to the above schedule delays for two of the remaining 12 stations in the program. With the exception of Old Mill Station, all stations are forecasted to have elevators in service by the end of 2026.

Key Risks and Mitigation Activities

- Staff continue to work with contractors, third parties, and relevant stakeholders to mitigate construction issues, look for opportunities to advance work by removing constraints, and accelerate activities, where feasible. An example of this is the continued extended station entrance closures at Museum and Lawrence stations and a planned two-month closure of a secondary entrance at King Station to facilitate the elevator and new fare line work.
- ¹The program is continuing to experience cost pressures due to current market conditions, construction complexities, cost escalations, and labour shortages. The TTC is continuing to monitor costs and look for opportunities to reduce these, where possible.

Next Steps

- Continue to advance the construction at the remaining 12 stations.

Station Second Exits Program

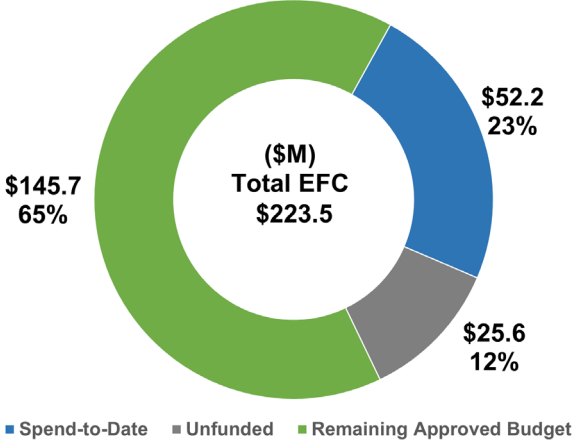
Strategic Alignment to Corporate Plan	Project Type
Objective 2.4: Prioritize Asset State-of-Good-Repair to Keep the System Moving Reliably Action 2.4.2: Advance the Station Second Exits Program	Health & Safety
	Asset Class
	Facilities

Funding Status	Performance Scorecard (Outlook Status)							
<div>Y¹</div>	Scope	<div>G</div>	Cost	<div>Y²</div>	Schedule	<div>G</div>	Overall	<div>Y</div>

Scope Description

The TTC is adding 14 Second Exits at high-priority stations to enhance safety for customers and staff, providing an additional way out of subway stations in case of an emergency. Second Exits also improve customer convenience.

Financials: Cost and Budget

Project/Program Start	2002	 <p>(\$M) Total EFC \$223.5</p> <p>\$145.7 65%</p> <p>\$52.2 23%</p> <p>\$25.6 12%</p> <p>■ Spend-to-Date ■ Unfunded ■ Remaining Approved Budget</p>
Forecast Completion Year	2033	
Estimated Final Cost (EFC)	\$223.5M	
Total Approved Budget	\$197.9M	
10-Year Approved Budget (2025-2034)	\$146.5M	
2025 Budget	\$13.2M	
2025 YTD Budget	\$1.2M	
2025 YTD Actuals	\$0.9M	

Schedule and Progress Update

As of May 15, 2025, nine of 14 stations in the Second Exits program are complete.

- Second Exits have been completed at Broadview, Castle Frank, Pape, Dufferin, Woodbine, Wellesley, Chester, Museum, and Donlands stations.
- In 2024, the Second Exits/Entrances at Museum and Donlands stations opened in May and August, respectively.
- The status of the Second Exits/Entrances at the remaining five stations is outlined below.

Station Second Exits/Entrances (As of May 15, 2025)

Station	Current Phase	Second Exits/ Entrances In-Service	Status	
College	Construction	2026	In Progress	
Dundas West	Construction	2026	In Progress	
Summerhill	Detailed Design	2027	In Progress	
Greenwood	Planning	TBD	N/A	
Dundas	Planning	TBD	N/A	

Key Risks and Mitigation Activities

- To mitigate concerns resulting from construction complexities at Greenwood Station that may impact the community, the TTC will conduct additional Councillor and stakeholder outreach prior to a final Second Exit location.
- To mitigate the delay in completion of the Second Exit at Dundas Station, the TTC will continue to work closely with the City to identify development opportunities at Dundas.
- ²Higher costs due to current market conditions, design maturity, supply chain issues, cost escalations and/or exchange rates may result in an increase to the estimated final cost of contracts. The TTC will continue to monitor, update escalation projections, and identify potential offsets to the greatest extent possible.

Next Steps

- Obtain permits and approvals and finalize property easement agreements for Summerhill Station by Q3 2025.
- Continue to advance the construction of Second Exits at College and Dundas West stations.

Note:

- ¹\$25.6M is unfunded in the 10-Year Capital Budget and Plan (2025-2034).

Fire Ventilation Upgrades

Strategic Alignment to Corporate Plan	Project Type
Objective 2.4: Prioritize Asset State-of-Good-Repair to Keep the System Moving Reliably Action 2.4.2: Advance Subway Fire Ventilation Upgrades	SOGR
	Asset Class
	Facilities

Funding Status	Performance Scorecard (Outlook Status)							
G	Scope	G	Cost	Y ¹	Schedule	G	Overall	Y

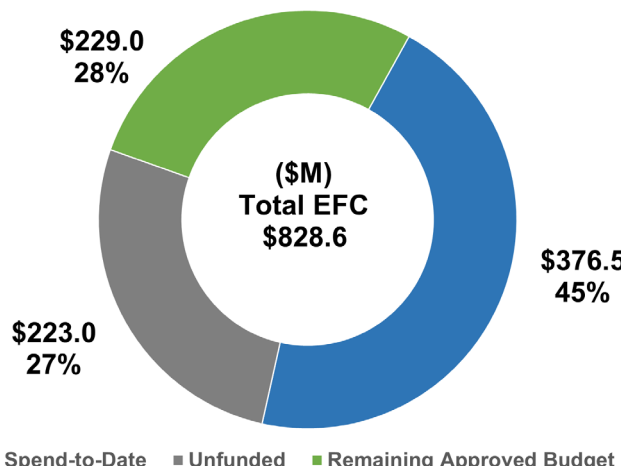
Scope Description

Initiated in 1998 as a fire and life safety initiative, this State-of-Good-Repair program provides a tenable environment to evacuate customers and employees safely from subway tunnels as well as stations in the event of fire or smoke, and provides adequate ventilation in the tunnels for crews conducting maintenance. This program also provides for the improvement of ventilation in subway tunnels and the replacement of the existing Subway Ventilation Equipment and associated services, which are nearing the end of their service life, or due to failure. The scope of this program is informed by regular asset condition assessments and work is prioritized accordingly.

Elements include:

- Upgrades to the Subway Ventilation System on Lines 1 and 2.
- Replacement and Refurbishment of Existing Subway Ventilation Equipment and associated services.

Financials: Cost and Budget

Project/Program Start	1998	 <p>(\$M) Total EFC \$828.6</p> <p>■ Spend-to-Date ■ Unfunded ■ Remaining Approved Budget</p>
Forecast Completion Year	Ongoing	
Estimated Final Cost (EFC)	\$828.6M	
Total Approved Budget	\$605.6M	
10-Year Approved Budget (2025-2034)	\$230.8M	
2025 Budget	\$7.4M	
2025 YTD Budget	\$0.8M	
2025 YTD Actuals	\$1.8M	

Schedule and Progress Update

To date, the following work has been completed:

- Major upgrades at five stations: York Mills, Sheppard-Yonge, Finch, Union, and Lawrence.
- Subway Ventilation Equipment Replacement at Bloor (Fan #2), Sheppard West, Dundas West, and Sherbourne stations, and Clanton Park Emergency Service Building (ESB).

- Completed Scope Design Review of the Subway Ventilation Equipment Replacement at Russell Hill Emergency Service Building (ESB), Dupont Station, and Spadina Station (Line 1 and Line 2) in October 2024.
- As part of the Eglinton Crosstown LRT project, the testing and commissioning of the new Subway Ventilation Equipment at Eglinton Station was completed at the end of 2024.

The following work is currently in progress as part of the program:

- Detailed Design for the Subway Ventilation Equipment Replacement at Russell Hill ESB, Dupont Station, and Spadina Station (Line 1 and Line 2).
- Scope Design Review for the Subway Ventilation Equipment Replacement at St Patrick, Queen's Park and Donlands stations, and Union Streetcar Loop.
- Condition Assessment Study of the Subway Ventilation Equipment and associated services for future locations.
- Identifying and correcting construction deficiencies for the new Subway Ventilation Upgrade system at Eglinton Station is in progress.

Key Risks and Mitigation Activities

- To mitigate concerns resulting from construction complexities for the State-of-Good-Repair (SOGR) Subway Ventilation Equipment Replacement contracts that may impact the community, the TTC is coordinating with local Councillors, as required, and City staff in the early design stage to support the traffic lane closure.
- ¹Higher costs due to current market conditions, design maturity, supply chain issues, cost escalations and/or exchange rates may result in an increase to the estimated final cost of contracts. The TTC will continue to monitor, update escalation projections, and identify potential offsets to the greatest extent possible.

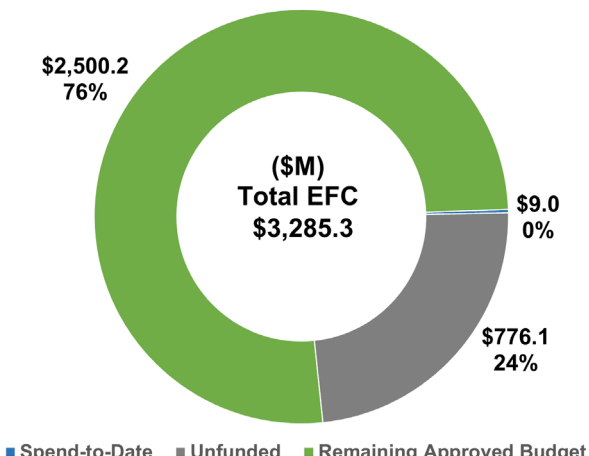
Next Steps

- Progress Scope Design Review for the Subway Ventilation Equipment Replacement contracts at St Patrick and Queen's Park stations, Union Streetcar Loop and Donlands Station.
- Progress Detailed Design of Subway Ventilation Equipment Replacement contracts at Russell Hill ESB, Dupont Station and Spadina Station (Lines 1 and 2).
- Continue to advance the Condition Assessment Study of Subway Ventilation Equipment and associated services for future locations.
- Continue to identify and correct construction deficiencies for the new Subway Ventilation Upgrade system at Eglinton Station.

Note:

- \$223.0M is unfunded post-2034.

Purchase of New Subway Trains (T1 Replacement + Growth)

Strategic Alignment to Corporate Plan								Project Type	
Objective 2.4: Prioritize Asset State of Good Repair to Keep the System Moving Reliably Action 2.4.3: Preserve Line 2 Subway Reliability by Modernizing with New Trains and Automatic Train Control Objective 3.1: Build Network Capacity to Support Growth to 2041 Action 3.1.1: Advance the Line 1 Capacity Enhancement Program								SOGR	
								Asset Class	
								Fleet	
Funding Status		Performance Scorecard – 55 Replacement Trains (Outlook Status)							
G		Scope	G	Cost	G	Schedule	G	Overall	G
Funding Status		Performance Scorecard – 25 Growth Trains (Outlook Status)							
Y		Scope	G	Cost	G	Schedule	Y	Overall	Y ¹
Scope Description									
<p>The purchase of 80 New Subway Trains (NST) to increase operational efficiencies and accommodate ridership growth based on current forecasts. The scope includes:</p> <ul style="list-style-type: none">• 55 trains to replace the 30-year-old T1 fleet on Line 2 at the end of design life.• Contract options: 25 additional trains to accommodate growth on Line 1 by 2032. <p>Not included in the Estimated Final Cost (below) are additional contract options as follows:</p> <ul style="list-style-type: none">• 15 expansion trains for Metrolinx (to be included in the base order with full funding committed by the Province): Eight for Yonge North Subway Extension (YNSE) and seven for Scarborough Subway Extension (SSE) for opening expansion service in early 2030s.• 17 additional trains to meet future growth requirements (post-2032) for both Line 1 and Line 2 out to 2041. These 17 trains will be included as contract options. <p>Note: The procurement of new trains is interdependent with the implementation of the Automatic Train Control system on Line 2 and achieving 2041 target headway objectives of the Line 1 and Line 2 Capacity Enhancement Programs.</p>									
Financials: Cost and Budget									
Project/Program Start		2020		 <p>(\$M) Total EFC \$3,285.3</p> <p>■ Spend-to-Date ■ Unfunded ■ Remaining Approved Budget</p>					
Forecast Completion Year		2035 ²							
Estimated Final Cost (EFC)		\$3,285.3M							
Total Approved Budget		\$2,509.2M							
10-Year Approved Budget (2025-2034)		\$2,500.7M							
2025 Budget		\$2.0M							
2025 YTD Budget		\$0.6M							
2025 YTD Actuals		\$0.6M							

Schedule and Progress Update

55 T1 Replacement Trains:

- On November 27, 2023, the Province announced a commitment of \$758 million toward the purchase of 55 replacement trains for Line 2, subject to matching funding from the Federal government as part of the New Deal Agreement. On November 29, 2024, the Federal government announced its commitment for the remaining one-third matching funding of \$758 million through the Canada Public Transit Fund.
- The Request for Proposal (RFP) was issued on December 9, 2024, and the Proponent Submissions will be received by July 2025. The contract is expected to be awarded by the end of Q2 2026.

25 Growth Trains:

- The TTC continues to pursue intergovernmental funding for the additional 25 trains to accommodate growth on Line 1 which is included in the contract option for 25 growth trains currently in active procurement.

Key Risks and Mitigation Activities

55 T1 Replacement Trains:

- Market conditions continue to show year-over-year price increases, which will impact the EFC. Fluctuations in market conditions will continue to be monitored.

25 Growth Trains:

- ¹There is insufficient funding to exercise the contract options at this time. The TTC is actively pursuing funding commitments to exercise options for these growth trains.
- Without the 25 growth trains, the YNSE may open with degraded service, as the existing Line 1 fleet is not sufficient to meet service requirements. The Train Maintenance and Storage Facility (TMSF) is interdependent with the 25 growth trains as it is a prerequisite for the maintenance and storage requirements. Additionally, target headways outlined in the Line 1 Capacity Enhancement Program are dependent on the availability of the 25 growth trains.

Next Steps

55 Line 2 Replacement Trains:

- Continue procurement activities, with the RFP submissions expected in July 2025 and the contract award forecasted for Q2 2026.

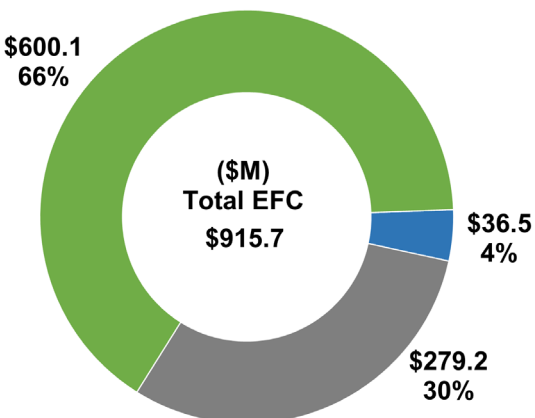
25 Line 1 Growth Trains:

- Continue intergovernmental funding discussions.

Note:

- ² The forecast completion year only reflects the procurement of the 55 trains for Line 2.

Line 2 – Automatic Train Control (ATC) Resignalling

Strategic Alignment to Corporate Plan								Project Type	
Objective 2.4: Prioritize Asset State of Good Repair to Keep the System Moving Reliably Action 2.4.3: Preserve Line 2 Subway Reliability by Modernizing with New Trains and Automatic Train Control								SOGR	
								Asset Class	
								Systems	
Funding Status		Performance Scorecard (Outlook Status)							
G		Scope	G	Cost	G	Schedule	G	Overall	G
Scope Description									
<p>This State-of-Good-Repair (SOGR) program includes the resignalling of Line 2 (Kipling to Kennedy) to modernize the existing fixed-block signalling system that was first implemented on Line 2 in 1966 and is currently more than 59 years old. This program will also improve reliability, on-time service, faster travel times, and increase capacity to reduce overcrowding.</p> <p>The scope of the program includes:</p> <ul style="list-style-type: none">Phased Installation of ATC between Kipling and Kennedy.Modifications to the Centralized Signalling System (CSS).Automatic Train Protection (ATP) system for workcars. <p>Out of scope, but interdependent: In order to operationalize ATC on Line 2, the existing T1 fleet on Line 2 needs to be replaced with New Subway Trains (NSTs). A study is also underway to determine the scope and cost to maintain the existing fixed-block system until the planned cutover to ATC at the end of 2036.</p>									
Financials: Cost and Budget									
Project/Program Start		2021		 <p>(\$M) Total EFC \$915.7</p> <p>■ Spend-to-Date ■ Unfunded ■ Remaining Approved Budget</p>					
Forecast Completion Year		2036 ¹							
Estimated Final Cost (EFC)		\$915.7M							
Total Approved Budget		\$636.6M							
10-Year Approved Budget (2025-2034)		\$605.5M							
2025 Budget		\$15.5M							
2025 YTD Budget		\$4.1M							
2025 YTD Actuals		\$5.4M							
Schedule and Progress Update									
<ul style="list-style-type: none">The Request for Proposal (RFP) was issued to market in December 2024, with Bid Submissions due by the end of Q3 2025 and the Contract Award expected by Q2 2026.									

Enabling Works:

- The ATC infrastructure enabling works are progressing, with 100% completion of Phase 1 (Kennedy to Main Street) and 55% completion of the cable route installation for Phase 2 (Main Street to Donlands).
- The enabling design work for ATC infrastructure is progressing with 20% completion of the Line 2 fiber backbone, 50% of design completion for Phase 1 and 2 facilities, and 60% completion of the Cable Route Management System (CRMS) design.

Key Risks and Mitigation Activities

- The implementation of ATC on Line 2 is contingent on the delivery of the interdependent 55 Trains for Line 2, as the existing T1 fleet will need to be decommissioned for cutover to revenue service to occur and unlock the benefits of the ATC system. TTC continues to closely monitor program schedules.

Next Steps

- Commence RFP staged evaluations.
- Complete the enabling works with the cable route installation for Phase 2 (Main Street to Donlands) and ground screw designs for High Park to Kipling.
- Continue to progress the designs for the Line 2 fiber backbone, and ATC facilities for Phases 1 and 2 (Kennedy to Donlands).

Notes:

- ¹The forecast completion year of 2036 reflects the achievement of the phased ATC cutover, which is contingent on the NST delivery schedule.
- \$279.2M is unfunded post-2034.

Rogers 5G Implementation

Strategic Alignment to Corporate Plan						Project Type		
Objective 2.2: Improve the Customer Experience by Providing a Safe, Accessible, and Comfortable Journey						Service Improvements		
						Asset Class		
Action 2.2.4: Expand Access to Cellular Service Across the TTC Network						Systems		
Performance Scorecard (Outlook Status)								
Scope		G	Cost	N/A	Schedule	G	Overall	G
Scope Description								
<p>This program includes the implementation of 5G wireless service across the TTC subway network, including Line 1, Line 2, and Line 4 to improve the customer experience by providing a safe, accessible, and comfortable journey. Full implementation is planned to be completed by the end of 2026, with 80% of tunnel sections going into service by the end of 2025.</p> <p>The scope of the project includes:</p> <ul style="list-style-type: none">• Installation of Rogers 5G assets in tunnel sections on Line 1, Line 2, and Line 4.• Installation of Rogers 5G equipment at stations on Line 1, Line 2, and Line 4. <p>Note: Federal Government timelines have mandated that 80% of tunnel sections are completed by the end of 2025 and 100% of tunnel sections are completed by the end of 2026.</p>								
Financials: Cost and Budget								
<p>The 5G implementation project is a partnership between Rogers Communications and the TTC with Rogers being the key infrastructure provider funding this project.</p>								
Schedule and Progress Update								
<p>Installation activities are progressing at track level and at stations to install cables, equipment, and assets required to enable 5G wireless service.</p>								
Line 1:								
Tunnel Sections		Track Installation Progress		Station Installation Progress		In Service Date	Status	
Eglinton W - St Clair W		37%		10%		Q3 2025	In Progress	
St. Clair W - Dupont		20%		20%		Q3 2025	In Progress	
Dupont - Spadina		24%		0%		Q3 2025	In Progress	
Spadina - St. George		21%		0%		Q3 2025	In Progress	
Rosedale - Summerhill		0%		0%		Q4 2025	Not Started	
Summerhill - St Clair		0%		0%		Q4 2025	Not Started	
St. Clair - Davisville		0%		0%		Q4 2025	Not Started	
Davisville - Eglinton		14%		0%		Q4 2025	In Progress	
York Mills - Sheppard		12%		0%		Q4 2025	In Progress	
Sheppard - North York Centre		0%		0%		Q4 2025	Not Started	
North York Centre - Finch		0%		0%		Q4 2025	Not Started	
Eglinton - Lawrence		12%		0%		Q2 2026	On Hold*	
Lawrence - York Mills		11%		0%		Q2 2026	On Hold*	

*Asbestos abatement required, abatement activities in progress

Line 2:

Tunnel Sections	Track Installation Progress	Station Installation Progress	In Service Date	Status
Kennedy - Warden	95%	10%	Q4 2025	In Progress
Victoria Park - Main	91%	0%	Q4 2025	In Progress
Main - Woodbine	17%	0%	Q4 2025	In Progress
Woodbine - Coxwell	47%	0%	Q4 2025	In Progress
Coxwell - Greenwood	63%	0%	Q4 2025	In Progress
Greenwood - Donlands	52%	0%	Q4 2025	In Progress
Donlands - Pape	28%	0%	Q4 2025	In Progress
Pape - Chester	21%	0%	Q4 2025	In Progress
Chester - Broadview	7%	0%	Q4 2025	In Progress
Broadview - Castle Frank	0%	0%	Q4 2025	Not Started
Castle Frank - Sherbourne	1%	0%	Q4 2025	Not Started
Sherbourne - Yonge	0%	0%	Q4 2025	Not Started
St George - Bathurst	0%	0%	Q4 2025	Not Started
Bathurst - Christie	0%	0%	Q4 2025	Not Started
Christie - Ossington	0%	0%	Q4 2025	Not Started
Ossington - Dufferin	0%	0%	Q4 2025	Not Started
Dufferin - Landsdowne	N/A	20%	Q4 2025	In Progress
Landsdowne - Dundas West	0%	0%	Q4 2026	Not Started
Dundas West - Keele	N/A	100%	Q2 2025	Completed
Keele - High Park	0%	0%	Q4 2026	Not Started
High Park - Runnymede	N/A	20%	Q4 2025	In Progress
Runnymede - Jane	0%	0%	Q4 2026	Not Started
Jane - Old Mill	0%	0%	Q4 2026	Not Started
Old Mill - Royal York	0%	0%	Q4 2026	Not Started
Royal York - Islington	0%	20%	Q4 2025	In Progress
Islington - Kipling	N/A	100%	Q2 2025	Completed

Line 4:

- Work has not yet commenced, however the in-service date is forecasted for Q4 2026.

Key Issues and Action Plan:

- Dedicated workcars are required to complete the track-level installation activities, and their availability directly affects the schedule. The TTC will coordinate with internal departments to prioritize Rogers work such that workcars are available and assigned.
- Maintenance and capital works windows in the subway system are constrained. Weekend closures in addition to nightly work are required to meet schedule. Close coordination is required with other State-of-Good Repair work for track-level access.
- Asbestos removal is required from Eglinton to York Mills and Dundas West to Lansdowne prior to equipment installation. Early access closures are being utilized to perform abatement activities to meet schedule.

Next Steps

- Line 1: Complete installation activities between St. George and Eglinton, north of Rosedale and asbestos abatement between Eglinton and York Mills.
- Line 2: Complete installation activities between Kennedy and west of Main.

Line 2 – Capacity Enhancement Program (Line 2 CEP)

Strategic Alignment to Corporate Plan								Project Type													
Objective 3.1: Build Network Capacity to Support Growth to 2041 Action 3.1.3: Leverage Line 2 Modernization to Enhance Line 2 Capacity Long Term								Service Improvements													
								Asset Class													
								Various													
Funding Status		Performance Scorecard (Outlook Status)																			
Y ¹		Scope	G	Cost	G	Schedule	G	Overall	G												
Scope Description																					
<p>This program provides for the expansion of Line 2 capacity by achieving headways of up to 120 seconds by 2041, enabling movement of up to 33,000 passengers per hour at peak hours. This will improve customer experience by addressing overcrowding and reducing travel times. The scope includes:</p> <ol style="list-style-type: none">1. <i>Station Capacities:</i> Station Modifications to improve station capacities and increase service.2. <i>Systems and Infrastructure:</i> Electrical Traction Power Upgrades; Guideway Enhancement.3. <i>Facilities and Yards – Greenwood Yard:</i> Facility Carhouse Modification; Overhaul Shop Modifications; and Signalling System Upgrades. <p>Out of scope, but interdependent: The full benefits of the Line 2 CEP will be realized with the completion of separate, but interdependent projects, including the procurement of the New Subway Trains to replace the T1 fleet, and Line 2 Automatic Train Control (ATC).</p>																					
Financials: Cost and Budget																					
Project/Program Start		2019		<table><tr><td colspan="2">(\$M)</td></tr><tr><td colspan="2">Total EFC</td></tr><tr><td colspan="2">\$2,630.7</td></tr><tr><td>\$1,620.0</td><td>61%</td></tr><tr><td>\$47.5</td><td>2%</td></tr><tr><td>\$963.2</td><td>37%</td></tr></table> <p>■ Spend-to-Date ■ Unfunded ■ Remaining Approved Budget</p>						(\$M)		Total EFC		\$2,630.7		\$1,620.0	61%	\$47.5	2%	\$963.2	37%
(\$M)																					
Total EFC																					
\$2,630.7																					
\$1,620.0	61%																				
\$47.5	2%																				
\$963.2	37%																				
Forecast Completion Year		2041																			
Estimated Final Cost (EFC)		\$2,630.7M																			
Total Approved Budget		\$1,010.8M																			
10-Year Approved Budget (2025-2034)		\$966.4M																			
2025 Budget		\$10.2M																			
2025 YTD Budget		\$2.6M																			
2025 YTD Actuals		\$3.2M																			
Discussion:																					
<ul style="list-style-type: none">• ¹The Line 2 CEP does not have full funding for all elements approved in the budget.• Projects within Line 2 CEP are in various stages of the project life cycle and estimates to be matured as the projects advance through the stage gate process. <p>Note: The achievement of the interim target outcome of the program to decrease headways by 2031 is at caution as it is dependent on the delivery of the new replacement trains as well as advancing the full scope of the program.</p>																					

Element/Project	Milestone	Forecasted End Date	Status
Station Capacity – Modifications and Upgrades			
Spadina Station Streetcar Platform Extension	Contract Award	Q4 2025	R
Jane Station New Fareline and Staircase Modification	Detailed Design Review	Q3 2025	G
Systems & Infrastructure			
Traction Power Upgrades:			
Lansdowne Substation Upgrade	Preliminary Design Review	Q2 2025	G
New Danforth Substation	Concept Design Review	Q3 2025	G
Positive and Negative Feeders (PNFs)			
- Delaware, Indian Grove,	Detailed Design Review	Q2 2025	G
- Kennedy	Agreement with Metrolinx	Q2 2025	G
- Broadview	Construction	Q2 2026	G
Duct Bank Installations			
- Warden, Victoria Park, Bedford, Asquith	Detailed Design	Q1 2026	G
Guideway Enhancements:			
Warden Station Storage Track Extension	Preliminary Design	Q4 2025	G
Greenwood Yard – Carhouse, Shop Modifications and Signalling:			
Facility Carhouse Modifications	Detailed Design	Q3 2025	Y
Overhaul Shop Modifications	Preliminary Design Review	Q4 2025	G
Yard Signalling	Technical Spec Development	Q1 2026	G
Schedule and Progress Update			
<ol style="list-style-type: none"> <u>Station Capacity – Modifications and Upgrades:</u> <ul style="list-style-type: none"> Spadina Station Streetcar Platform Extension: Schedule impacted due to delay in obtaining permits, however, there is no impact to the overall program schedule. <u>Greenwood Yard – Carhouse, Shop Modifications, and Signalling:</u> <ul style="list-style-type: none"> Facility Carhouse Modifications: Detailed Design schedule was impacted due to design changes required to align with the new Ontario Building Code (OBC 2024) and the City's Net Zero Strategy. However, there is no impact to the overall program schedule. Overhaul Shop Modifications: Preliminary Design (30%) was completed in March 2025. 			

Key Risks and Mitigation Activities

- New Subway Train (NST) Program: Changes to the T1 replacement train delivery strategy and schedule may have an impact on program goals and objectives (headways and service levels). The TTC is proactively coordinating with stakeholders and seeking to confirm full funding for the NST option trains procurement.
- Potential changes to forecasted customer demand may impact the service levels required for each Target Horizon Year and program objectives. The TTC closely monitors the demand model and adjusts the program scope and schedule, as required.
- The unavailability of the TTC Operations workforce and workcars is a concern and is impacting the successful delivery of Line 2 Traction Power portfolio projects. The TTC continues to develop a short and long-term resource strategy.

Next Steps

Systems and Infrastructure

Traction Power:

- Lansdowne Substation Upgrade: Obtain Stage Gate 3 approval by Q4 2025.
- Positive and Negative Feeders (PNF) in multiple substations
 - Delaware: Commence construction by Q3 2025.
 - Indian Grove: Commence construction by Q1 2026.
- New Danforth Substation: Obtain Stage Gate 2 approval by Q4 2025.

Greenwood Yard – Carhouse, Shop Modifications and Signalling:

- Facility Carhouse Modifications: Obtain Stage Gate 4 approval by Q1 2026.
- Overhaul Shop Modifications: Obtain Stage Gate 3 approval by Q1 2026.

Note:

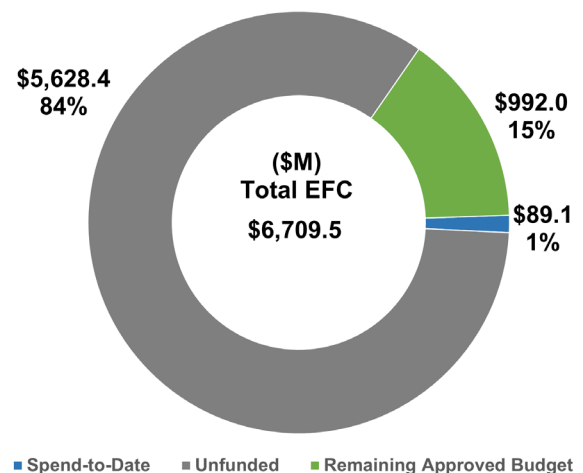
- \$37.7M is currently unfunded in the 10-Year Capital Budget and Plan (2025-2034), and \$1,582.2M is unfunded post-2034.

Line 1 – Capacity Enhancement Program (Line 1 CEP)

Strategic Alignment to Corporate Plan							Project Type	
Objective 3.1: Build Network Capacity to Support Growth to 2041 Action 3.1.1: Advance the Line 1 Capacity Enhancement Program							Service Improvements	
							Asset Class	
							Various	
Funding Status	Performance Scorecard (Outlook Status)							
<div>Y¹</div>	Scope	<div>G</div>	Cost	<div>G</div>	Schedule	<div>Y</div>	Overall	<div>Y²</div>
Scope Description								
<p>This program provides for the expansion of Line 1 capacity by achieving headways of up to 100 seconds by 2037, enabling movement of up to 39,600 passengers per hour at peak hours. This will help improve customer experience by addressing crowding and reducing travel times.</p> <p>To achieve program objectives, the current scope of the Line 1 CEP includes:</p> <ol style="list-style-type: none">Station Capacities (Structures): Station modifications to improve station capacities and increase service at St Andrew, St George, and King stations. Tactics implementation to improve passenger flow at 12 stations, including three pilot stations: St Andrew, St George, and Dundas.Systems and Linear Infrastructure: Electrical Traction Power Upgrades; additional Fire Ventilation requirements to achieve target headways and Guideway Enhancement.Facilities and Yards: A new Train Maintenance and Storage Facility (TMSF) to meet the following requirements:<ul style="list-style-type: none">Storage for 34 trains, including a test track, and access track to the site.Carhouse with seven Bays for preventative and corrective maintenance to support daily service.Operations and Infrastructure (O&I) facility to support maintenance activities (small shop building, outdoor/indoor storage tracks for workcars, material storage and staging area).Ancillary facilities (Traction Power Substation (TPSS) and Hostler platform). <p>Out of scope, but interdependent with the program:</p> <ul style="list-style-type: none">Achieving increased headways is also dependent on the procurement of new trains for Line 1 to accommodate growth. A total Line 1 fleet of 122 trains is required by 2041 based on current forecast and program design (see above).Achievement of the benefits of investments by Federal, Provincial, and Municipal governments in the Yonge North Subway Extension is dependent on investments to increase capacity across Line 1 to meet demand, reduce crowding, and improve customer experience.								

Financials: Cost and Budget

Project/Program Start	2019
Forecast Completion Year	2041
Estimated Final Cost (EFC)	\$6,709.5M
Total Approved Budget	\$1,081.1M
10-Year Approved Budget (2025-2034)	\$997.8M
2025 Budget	\$21.8M
2025 YTD Budget	\$6.1M
2025 YTD Actuals	\$5.7M



Discussion:

- ¹The Line 1 CEP program does not have full funding for all elements approved in the budget, while the Line 1 TMSF does not have funding beyond early planning.
- Projects within Line 1 CEP are in various stages of the project life cycle and estimates to be matured as the projects advance through the stage gate process.
- ²The overall program status is at caution given the achievement of the target outcome of the program to decrease headways before 2041 is dependent on the full scope of the program advancing, as well as the delivery of the interdependent, new growth trains. These are currently not fully funded in the TTC's 10-Year Plan.

Element / Project	Milestone	Forecasted End Date	Status
Station Capacity – Modifications and Upgrades			
King Station - Concourse Expansion and Additional Exit	Detailed Design	Q2 2026	Y
Tactics Implementation (12 Stations)	Implementation Schedule	Q3 2025	G
St. Andrew - Concourse Modification Phase 2	Preliminary Design	Q2 2025	G
Systems & Infrastructure			
Traction Power Upgrades:			
New Traction Power Substation at Highway 407 Station	Preliminary Design Review	Q3 2025	G
Positive and Negative Feeders (PNFs) and Duct Bank Installations			
- Orde, Yonge Street, Duncan - Part 1	Detailed Design	Q2 2026	G
- Davisville	Detailed Design Review	Q3 2025	G
- Granby Station	Tender Package Ready	Q3 2025	G

Element / Project	Milestone	Forecasted End Date	Status
Negative Reinforcing Cables (NRC)			
- Vaughan Metropolitan Centre to Sheppard West	Construction	Q2 2029	R
- Sheppard West to Wilson	Detailed Design Review	Q3 2025	G
- Wilson to Yorkdale	Detailed Design	Q4 2025	G
Fire Ventilation Requirements			
St Clair West Station Fire Ventilation System	Detailed Design Review	Q2 2025	G
Markdale Emergency Service Building (ESB) Fire Ventilation System	Detailed Design Review	Q1 2026	G
Lytton ESB Fire Ventilation System	Preliminary Design	Q3 2026	G
Train Maintenance and Storage Facility (TMSF):			
TMSF	Stage Gate 2	Q3 2026	Y
Schedule and Progress Update			
<p>Station Capacity – Modifications and Upgrades:</p> <ul style="list-style-type: none"> King Station – Concourse Expansion and Additional Exit: Detailed Design (100%) completion schedule impacted due to Toronto Hydro design delay. No impact on the overall program schedule. 			
<p>Systems and Infrastructure:</p> <p><u>Traction Power:</u></p> <ul style="list-style-type: none"> Negative Reinforcing Cables (NRC) – Vaughan Metropolitan Centre to Sheppard West: Construction has slowed down due to the unavailability of the TTC Operations workforce and workcars and is now scheduled for completion in Q2 2029. There are no impacts on program objectives. NRC – Wilson to Yorkdale: Detailed Design (100%) commenced in April 2025. 			
<p><u>Fire Ventilation Requirements:</u></p> <ul style="list-style-type: none"> Obtain Stage Gate 4 approval by Q3 2025. Lytton ESB Fire Ventilation System: Preliminary Design (30%) commenced in March 2025. 			
<p><u>Train Maintenance and Storage Facility (TMSF):</u></p> <ul style="list-style-type: none"> The TTC is undertaking the necessary due diligence for potential site locations for a Line 1 TMSF, which is in the planning phase. Tender for the Owner's Engineer Request for Proposal (RFP) is planned to commence by Q2 2025. 			

Key Issues and Action Plan

- ¹A new TMSF is essential to store and maintain the NSTs required for Line 1. However, both the TMSF and the 25 growth trains for Line 1 are not fully funded. Funding for these growth trains and TMSF is part of the TTC's ongoing intergovernmental funding advocacy.
- The availability of the TTC Operations workforce and workcars is critical for the successful delivery of Line 1 Traction Power portfolio projects. The TTC continues to develop a short- and long-term resource strategy.

Key Risks and Mitigation Activities

- Potential changes to the forecasted demand may impact the Target Horizon Years and program objectives. The TTC closely monitors the demand model and adjusts the program scope and schedule, as required.
- The TTC is monitoring the progress by Metrolinx on the Yonge North Subway Extension (YNSE) to assess implications on the schedule for achieving Line 1 capacity and service requirements to accommodate growth in ridership demand to 2041.
- Ongoing stakeholder consultations on the site selection for the new TMSF continue to be a risk in achieving the benefits of the L1 CEP Program.

Next Steps

Systems and Infrastructure:

Traction Power:

- New Traction Power Substation at Highway 407 Station: Obtain Stage Gate 3 approval by Q1 2026.
- PNF and Duct Bank Replacement – Granby Station: Contract Award by Q4 2025.

Fire Ventilation Requirements:

- St Clair West Station Fire Ventilation System: Obtain Stage Gate 4 approval by Q3 2025.
- Markdale Emergency Service Building (ESB) Fire Ventilation System: Obtain Stage Gate 4 approval by Q2 2026.

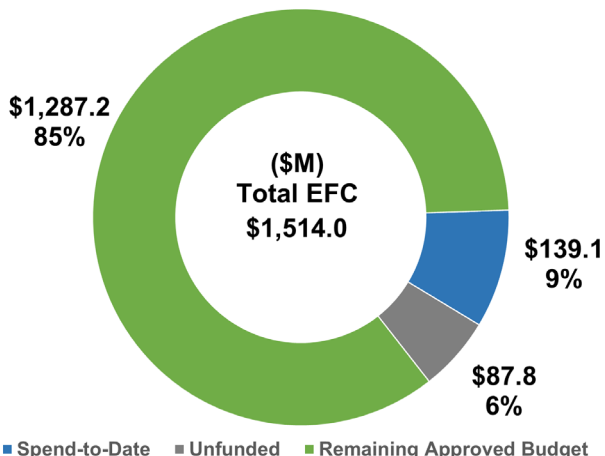
Train Maintenance and Storage Facility (TMSF):

- Award Owner's Engineer contract by Q4 2025.
- Continue to advance due diligence and consultation with stakeholders on the site selection.

Note:

- ³Current planning assumptions for capital projects for horizon year 2041 are based on pre-pandemic projections. Forecasts are under review to update with the new 2051 horizon, and with updated land use, population, etc.
- \$3,056.2M is currently unfunded in the 10-Year Capital Budget and Plan (2024-2033), and \$2,164.8M is unfunded post-2033.

Bloor-Yonge Capacity Improvements (BYCI)

Strategic Alignment to Corporate Plan								Project Type	
Objective 3.1: Build Network Capacity to Support Long-Term Growth Action 3.1.2: Construct Capacity Improvements at Bloor-Yonge Station								Service Improvements	
								Asset Class	
								Facilities	
Funding Status		Performance Scorecard (Outlook Status)							
G		Scope	G	Cost	Y ¹	Schedule	Y ²	Overall	Y
Scope Description									
<p>This project provides for a design retrofit and expansion of the Bloor-Yonge interchange station to address overcrowding, improve accessibility, and accommodate future ridership growth from expansion. This includes:</p> <ul style="list-style-type: none">• A new Line 2 eastbound platform and expanded Line 1 platforms to enhance capacity for passengers.• Line 2 original platform reconfiguration to enhance capacity for westbound passengers.• A modified main entrance.• A new accessible entrance on Bloor Street.• New escalators, elevators, and stairs.• One new electrical substation to power new and existing areas of the station and ventilation systems.• New fan plants to improve ventilation and utility upgrades.• New public art and station finishes.• Platform Edge Doors (PEDs) on Line 1 platforms and enabling PED infrastructure for Line 2 platforms. The addition of PEDs to the project scope is currently unfunded.									
Financials: Cost and Budget									
Project/Program Start		2015		 <p>(\$M) Total EFC \$1,514.0</p> <p>\$1,287.2 85% \$139.1 9% \$87.8 6%</p> <p>■ Spend-to-Date ■ Unfunded ■ Remaining Approved Budget</p>					
Forecast Completion Year		2035							
Estimated Final Cost (EFC) ¹		\$1,514.0M							
Total Approved Budget		\$1,426.2M							
10-Year Approved Budget (2025-2034)		\$1,303.5M							
2025 Budget		\$60.4M							
2025 YTD Budget		\$10.2M							
2025 YTD Actuals		\$16.3M							

Schedule and Progress Update

- The BYCI project is receiving approved intergovernmental funding through the Investing in Canada Infrastructure Program – Public Transit Infrastructure Stream. In July 2022, the project received approval from all three orders of government for a total estimated cost of \$1.514 billion. The Federal government has committed up to \$500 million and the Province has committed up to \$449.2 million in contributions.
- Brookfield has tendered the chiller plant contract, construction commenced in Q1 2025 and is expected to be completed by the end of Q2 2026.
- The Progressive Design-Build (PDB) Request for Proposal (RFP) evaluations were completed, and approval to award the PDB contract for the Development Phase to Kenaidan Murphy Joint Venture (KMJV) was received at the February 24, 2025 Board meeting. The contract was subsequently signed in March 2025. The Development Phase is expected to be completed in early 2027.
- ²The program schedule was impacted due to the prolonged property negotiations and the extension of the RFP in-market period to address proponent concerns. Opportunities to mitigate the project schedule will be examined with KMJV during the Development Phase.

Key Issues and Action Plan

- The TTC will continue to monitor the progress and completion of the chiller plant replacement construction by Brookfield at 2 Bloor Street East after which the existing chiller plant property will be conveyed to the City of Toronto.

Key Risks and Mitigation Activities

- ¹The estimated final cost (EFC) of the project is currently “at caution” as the team works through the Development Phase of the project with KMJV. Mitigation strategies will be implemented to manage project scope and costs in accordance with the approved budget.
- Future negotiations and/or expropriations may impact the property requirements of the project. The TTC, City, and CreateTO will continue to minimize schedule impacts.
- The scope addition of PEDs (currently unfunded, not included in the Class 3 estimate) will support safety and assist with overcrowding. The cost, schedule, and operational impacts will be assessed during the Development Phase and presented to the Board by Q2 2026.
- Escalation costs (rates) will be monitored by the project team, with any adjustments to the cost estimate to be undertaken as part of the Development Phase work.

Next Steps

- Complete the Validation Period activities and commence the Detailed Design of the Development Phase.

Note:

- The forecast completion year includes the completion of all secondary construction work that will take place after the opening of the Line 2 Eastbound Platform.

Stations Transformation

Strategic Alignment to Corporate Plan								Project Type	
Objective 2.2: Improve the Customer Experience by Providing a Safe, Accessible and Comfortable Journey Action 2.2.3: Complete the Station Transformation Capital Program								Service Improvement	
								Asset Class	
								Various	
Funding Status		Performance Scorecard (Outlook Status)							
G		Scope	G	Cost	G	Schedule	G	Overall	G
Scope Description									
<p>Implement infrastructure improvements and other stations initiatives, to improve customer experience, and increase safety and security of TTC stations, employees, and customers. The scope includes:</p> <ul style="list-style-type: none">• Upgrades to the Public Announcement (PA) System.• Upgrades to the stations’ Passenger Assistance Intercoms (PAIs) by making them user-friendly, improving sound quality and live video feed for customers needing assistance.• Upgrades of the existing CCTV cameras to increase coverage to 90% at all stations.• Construction of six Zone Hubs (York University, Union, Kipling, Bloor-Yonge, St Clair West, and Sheppard-Yonge) to serve as central command posts, monitoring the stations and responding to customer requests in an efficient manner.• Introduce Customer Service Agents (CSAs) to proactively assist customers facing barriers in navigating the system.									
Financials: Cost and Budget									
Project/Program Start		2017		<p>(\$M) Total EFC \$50.8</p> <p>■ Spend-to-Date ■ Unfunded ■ Remaining Approved Budget</p>					
Forecast Completion Year		2025							
Estimated Final Cost (EFC)		\$50.8M							
Total Approved Budget		\$50.8M							
10-Year Approved Budget (2025-2034)		\$4.5M							
2025 Budget		\$4.5M							
2025 YTD Budget		\$1.0M							
2025 YTD Actuals		\$1.1M							

Schedule and Progress Update

Passenger Assistance Intercoms (PAIs) (Completed – Q4 2021):

- This upgraded system helps to efficiently triage calls to the appropriate areas for action.

Real-Time Monitoring System (RTMS) for Escalators and Elevators (Completed – Q4 2022):

- The RTMS minimizes escalator downtime and allows Stations staff to respond to emergencies in an efficient manner, improving customer service.

CCTV Fare Gate Monitors (Completed – Q1 2023):

- CCTV fare gate monitors have been installed at all entrances, which provide visual deterrence for fare evasion, and the ability for CSAs to monitor the stations.

Six Zone Hubs (Completed – Q2 2023):

- These Hubs provide zone management, security monitoring and the ability to respond efficiently to customer service requests.

Public Announcement (PA) System (Completed):

- The upgraded PA system provides improved reliability and sound quality. As of May 29, 2025, all 70 stations have been upgraded.

Customer Service Agents (CSA) (Completed Q2 2025):

- Following the ratification of the Collective Bargaining Agreement (CBA), implementation of the CSA model was completed in May 2025.

CCTV Cameras (In Progress):

- Improve customer service and augment the safety and security of TTC customers and employees by increasing camera coverage to 90% from 75%.
- To date, a total of 65 of 70 stations have at least 90% camera coverage with planned completion of the remaining five stations by the end of 2025.

Next Steps

- CCTV Cameras: Complete 90% camera coverage at five remaining stations in Q3 2025.

Bus and Wheel-Trans Portfolio

Scarborough Rapid Transit (SRT) – Right-of-Way (ROW) Conversion to Busway

Strategic Alignment to Corporate Plan								Project Type	
Objective 2.3: Focus on the Basics of Service Reliability, Predictability and Speed Action 2.3.3: Build the Line 3 Busway								SOGR	
								Asset Class	
								Various	
Funding Status		Performance Scorecard (Outlook Status)							
G		Scope	G	Cost	G	Schedule	G	Overall	G

Scope Description

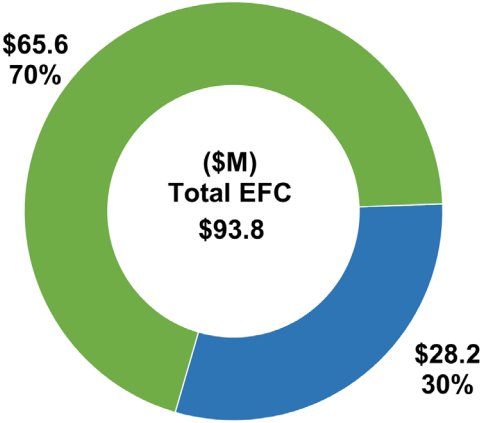
The following was implemented as part of Phase 1:

- Provided express bus service via Kennedy and Midland, between Scarborough Centre and Kennedy stations.
- Modifications to the bus platforms at Scarborough Centre and Kennedy stations.
- Construction of a temporary bus terminal at Kennedy Station.
- Transit Priority Measures to facilitate the efficient operation of the bus replacement service.

The following will be implemented as part of Phase 2:

- The SRT ROW will be converted into a Busway between Kennedy and Ellesmere stations with bus stops at Tara Avenue, Lawrence Avenue East, and Ellesmere Road.

Financials: Cost and Budget

Project/Program Start	2015	 <p>(\$M) Total EFC \$93.8</p> <p>■ Spend-to-Date ■ Unfunded ■ Remaining Approved Budget</p>
Forecast Completion Year	2027	
Estimated Final Cost (EFC)	\$93.8M	
Total Approved Budget	\$93.8M	
10-Year Approved Budget (2025-2034)	\$67.3M	
2025 Budget	\$17.8M	
2025 YTD Budget	\$1.6M	
2025 YTD Actuals	\$1.7M	

Schedule and Progress Update

The following is the status of the Busway:

- The contract for the Busway was tendered in February 2025 and closed in April 2025. Delegated authority to award the contract was approved at the May 2025 Board meeting along with a motion to report back to the Board in July 2025 on an acceleration plan.
- Property acquisitions are required from Hydro One Networks Inc. (HONI) and private third parties for a bus stop and pedestrian walkway ramp at Tara Avenue, a bus stop at Lawrence Avenue East, and a bus ramp at Ellesmere Road. The license agreement for the

HONI property easements for the Tara Ave Bus Stop were finalized and sign off is expected prior to the commencement date of July 1, 2025. The property easements for the Lawrence Avenue East and Ellesmere Road locations are being negotiated in parallel with a Stage 2 expropriation report which was approved by City Council in May 2025.

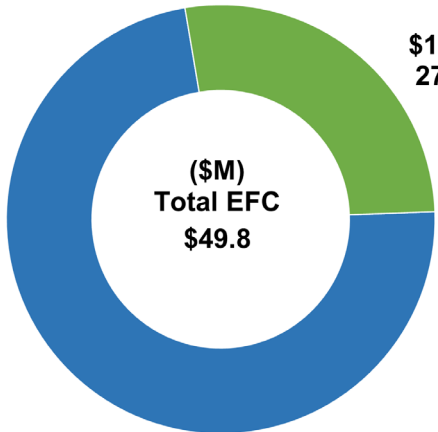
Key Risks and Mitigation Activities

- Property-related matters continue to be the longest lead items to finalize before construction of the Busway can commence. The TTC has commenced the property acquisitions through City of Toronto Real Estate Management for private properties required at the Lawrence Avenue East bus stop and at Ellesmere Road busway.
- The TTC is continuing to negotiate with private properties for the required easements, and in parallel are conducting expropriation actions, in case negotiations with private properties are unsuccessful.
- Busway construction work is adjacent to the Metrolinx GO railway track. There is a potential requirement for flagging and other coordination with Metrolinx due to close proximity to GO train operation which may impact the schedule.

Next Steps

- Award the construction contract for the Busway by the end of Q2 2025.

Wheel-Trans 10-Year Transformation Program

Strategic Alignment to Corporate Plan								Project Type	
Objective 2.2: Improve the Customer Experience by Providing a Safe, Accessible, and Comfortable Journey Action 2.2.7: Advance the Wheel-Trans Transformation Program								Legislative	
								Asset Class	
								Systems	
Funding Status		Performance Scorecard (Outlook Status)							
G		Scope	G	Cost	G	Schedule	G	Overall	G
Scope Description									
<p>Implement new policies, processes, and systems to support a new service delivery model that integrates conditional eligible Wheel-Trans customers into the TTC’s accessible-conventional network through a Family of Services (FOS) approach.</p> <p>A FOS trip includes a combination of Wheel-Trans vehicles and accessible-conventional transit for all or part of a customer’s journey.</p> <p>Phases 1-4 – Reservation, Scheduling, and Dispatch (RSD):</p> <ul style="list-style-type: none">FOS, Re-Registration and Conditional Trip Matching.Construction of 16 Access Hubs.Upgrade the RSD system to enhance FOS capabilities; introduce the Mobile App pilot.Launch the Wheel-Trans Mobile Application.Implement the Customer Relationship Management technology. <p>Phases 5-8 – RSD improvements based on third-party assessment:</p> <ul style="list-style-type: none">Implement additional system upgrades.Continue the process of FOS expansion.Complete the re-registration process.									
Financials: Cost and Budget									
Project/Program Start		2017		 <p>(\$M) Total EFC \$49.8</p> <p>\$36.3 73%</p> <p>\$13.5 27%</p> <p>■ Spend-to-Date ■ Unfunded ■ Remaining Approved Budget</p>					
Forecast Completion Year		2027							
Estimated Final Cost (EFC)		\$49.8M							
Total Approved Budget		\$49.8M							
10-Year Approved Budget (2025-2034)		\$14.1M							
2025 Budget		\$2.2M							
2025 YTD Budget		\$0.6M							
2025 YTD Actuals		\$0.6M							

Schedule and Progress Update

Phases 1-4 (Completed):

- Family of Services (FOS): The FOS approach (currently optional) provides Wheel-Trans customers with options for a multi-modal trip that is fast, flexible, and efficient. The FOS expansion includes a) connections with 82 bus and streetcar routes with approximately 500 strategically located transfer/ connections to conventional system stops for Wheel-Trans customer pick-up and drop-offs; b) 5,000 non-vehicle transfers (walking stops); and c) accessible subway stations (interdependent with the Easier Access Program). The TTC will identify an additional 100+ FOS transfer stops on a further 14 bus routes to ensure complete coverage across the city, of which there are 50 approved FOS stops pending operationalization in Q3 2025.
- Re-Registration: Wheel-Trans introduced new eligibility criteria and an application process for customers in January 2017, in accordance with Provincial legislation who can appeal their eligibility decision online. The Wheel-Trans Self-Serve Portal allows customers to register/re-register online, eliminating the need for a paper application. Approximately 19,000 customers were required to re-register. As of May 15, 2025, a total of 16,264 customers have re-registered, with 9,635 still active and using the service. There are 2,736 legacy customers that still need to re-register by December 2026.
- Conditional Trip Matching (implementation subject to Board approval): Customers with conditional eligibility will be provided with a one-trip solution that matches their conditions/abilities. If none of the registered conditions are present, they will be offered an FOS trip (connection to accessible-conventional services).
- Access Hubs: All 16 Access Hub shelters are in service, providing customers with large, accessible, well-lit, and heated locations to transfer to and from the accessible-conventional TTC system.
- Mobile App: Mobile Application, full release for both iOS and Android, went live in September 2023. There have been 4,519 application downloads from March to April, and 11,520 trips have been booked. A rolling average indicates 9.12% of all trips are booked with the Mobile App.
- Customer Relationship Management (CRM): Completed automation of the customer applications tracking and service contacts. This process involved integration with the CRM system, the TTC's document management provider and the Wheel-Trans RSD system.

Phases 5-8 (In Progress):

- The final phases (5-8) of the program are expected to be completed by Q3 2027, in line with the TTC's 5-Year Accessibility Plan.
- The contract to upgrade the RSD software was awarded in August 2024, requirements were signed off in March 2025, and deployment began in April 2025.
- The RFP submissions for Automatic Vehicle Location (AVL) and Integrated Voice Recognition (IVR) closed in April 2025, and the evaluations are to be completed by the end of May and June 2025, respectively.

Next Steps

- Award the contract for the AVL and IVR projects by Q3 2025.
- Continue with the FOS trip testing solutions.
- Continue with the re-registration campaign for legacy Wheel-Trans customers.

Purchase of Wheel-Trans Buses

Strategic Alignment to Corporate Plan	Project Type
Objective 2.2: Improve the Customer Experience by Providing a Safe, Accessible and Comfortable Journey Action 2.2.7: Advance the Wheel-Trans Transformation Program (which includes purchase of Wheel-Trans Buses)	SOG
	Asset Class
	Fleet

Funding Status	Performance Scorecard (Outlook Status)							
Y	Scope	G	Cost	G	Schedule	G	Overall	G

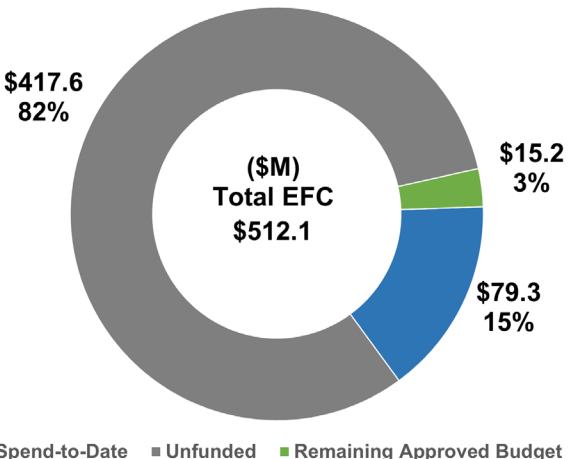
Scope Description

Improved accessibility, customer experience, vehicle reliability and safety by replacing existing Wheel-Trans buses at end-of-life with the procurement and deployment of:

- 138, 7m ProMaster buses between 2021 and 2024.
- 85, 6m ProMaster buses between 2023 and 2025. Note: Contract amendments were issued for the supply and delivery of an additional 62, 6m ProMaster buses for delivery in 2024 and 2025 to meet fleet plan requirements.
- Five Zero-Emission Wheel-Trans buses for delivery in 2026 (pilot).

The program status of “green” pertains only to the current scope of the program that is funded. Note: Current funding allows for the procurement of up to 231 Wheel-Trans buses for delivery between 2022 and 2026. This includes five zero-emission Wheel-Trans pilot buses with deliveries commencing in 2026. Post-2025, the Wheel-Trans program outlines a plan for the procurement of approximately 404 buses, which includes 304 zero-emission buses to be delivered between 2028 and 2035.

Financials: Cost and Budget

Project/Program Start	2016	 <p>(\$M) Total EFC \$512.1</p> <p>■ Spend-to-Date ■ Unfunded ■ Remaining Approved Budget</p>
Forecast Completion Year	2026 ¹	
Estimated Final Cost (EFC)	\$512.1M	
Total Approved Budget	\$94.5M	
10-Year Approved Budget (2025-2034)	\$19.2M	
2025 Budget	\$11.8M	
2025 YTD Budget	\$3.8M	
2025 YTD Actuals	\$4.0M	

¹Note: 2026 represents the funded scope with an EFC of \$94.5M.

Schedule and Progress Update

- 2025 marks the 50th anniversary of Wheel-Trans service. Plans are underway to celebrate Wheel-Trans throughout the year with customers and employees.

138, 7m ProMaster Buses (Complete):




- As of October 31, 2024, the TTC had received all 138 buses, including all 15 Community Buses, which serve key destinations along unique neighbourhood routes.

85, 6m ProMaster Buses:

- As of May 15, 2025, the TTC has received 61 of 85 buses, of which 58 are in service, and the remaining 24 buses are expected to be delivered by the end of 2025.

Five, Zero-Emission Wheel-Trans Buses (Pilot):

- The Board approved the procurement authorization of five zero-emission Wheel-Trans buses at its February 24, 2025 Board meeting and the contract was awarded in February 2025. Bus deliveries are expected to commence in 2026.
- Out of scope, interdependent: Completed the detailed design of eight charge points at Lakeshore Garage, which are expected to be commissioned by Q4 2025.

Wheel-Trans Buses	Total	Start Date	# Delivered	# In-Service	Forecasted End Date	Status
7m ProMaster	138	2021	138	138	Complete	
6m ProMaster	85	2023	61	58	Q4 2025	
Zero-Emission	5	2026	N/A	N/A	Q4 2026	

Key Issues and Action Plan

85, 6m ProMaster Buses:

- In 2024, there was a limited chassis allocation for the Canadian market, which resulted in lower-than-expected bus deliveries. This deficit has since been eliminated, and the remaining 12 chassis are now scheduled to be delivered by Q2 2025.

Key Risks and Mitigation Activities

Zero-Emission Wheel-Trans Buses (Post-2025):

- The program is currently funded for Wheel-Trans bus procurements to the end of 2026. Zero-emissions Wheel-Trans buses and charging infrastructure beyond 2026 will require funding to maintain fleet State-of-Good-Repair and transition the fleet to achieve the zero-emissions target by 2040. This plan is aligned with the City's TransformTO Action Plan. The lead time, from funding approval through to commissioning, for electric buses is approximately two years.

Next Steps

85, 6m ProMaster Buses:

- Receive the remaining 24 vehicles by the end of Q4 2025.

Five, Zero-Emission Wheel-Trans Buses (Pilot):

- Complete pre-production meetings by Q4 2025.

Note:

- ¹The forecast completion year of 2026 reflects the funded scope of the program.
- \$292.9M is currently unfunded in the 10-Year Capital Budget and Plan (2025-2034), and \$124.7M is unfunded post-2034.

Purchase of eBuses

Strategic Alignment to Corporate Plan								Project Type													
Objective 3.3: Minimize Environmental Impacts and Build Resiliency for a Climate-Changed Future Action 3.3.1: Lead the Transition to Net Zero through the Green Fleet Program								SOGR													
								Asset Class													
								Fleet													
Funding Status		Performance Scorecard (Outlook Status)																			
R ²		Scope	G	Cost	G	Schedule	R ¹	Overall	R												
Scope Description																					
<p>The procurement of replacement vehicles at end-of-life to maintain service reliability, increase system accessibility for customers, increase fleet capacity to match customer demand, and reduce overcrowding. The TTC’s Green Bus Program is a strategy to transition the accessible-conventional bus fleet to zero emissions by the year 2040. To meet this target, the electrification of the TTC’s bus fleets is necessary to transform the fleet to zero emissions by replacing diesel and hybrid buses as they reach end-of-life.</p> <p>Current funding allows for the procurement of 340 zero-emission, battery-electric buses (eBuses) between 2024 and 2025 under the Zero Emission Transit Fund (ZETF).</p> <p>The program status only reflects the current scope of the program that is funded. Note: Post-2025, the Green Bus Program outlines a plan for approximately 1,645 zero-emission buses to be delivered up to 2035. This plan is in alignment with the City of Toronto’s TransformTO Action Plan and the C40 Fossil-Fuel-Free Streets Declaration. This scope is currently unfunded and is a key capital priority for the TTC.</p>																					
Financials: Cost and Budget																					
Project/Program Start		2018		<table><caption>(\$M) Total EFC \$4,846.6</caption><thead><tr><th>Category</th><th>Amount (\$M)</th><th>Percentage</th></tr></thead><tbody><tr><td>Unfunded</td><td>\$3,427.7</td><td>71%</td></tr><tr><td>Remaining Approved Budget</td><td>\$1,109.6</td><td>23%</td></tr><tr><td>Spend-to-Date</td><td>\$309.3</td><td>6%</td></tr></tbody></table>						Category	Amount (\$M)	Percentage	Unfunded	\$3,427.7	71%	Remaining Approved Budget	\$1,109.6	23%	Spend-to-Date	\$309.3	6%
Category	Amount (\$M)	Percentage																			
Unfunded	\$3,427.7	71%																			
Remaining Approved Budget	\$1,109.6	23%																			
Spend-to-Date	\$309.3	6%																			
Forecast Completion Year		2026 ³																			
Estimated Final Cost (EFC)		\$4,846.6M																			
Total Approved Budget		\$1,418.8M																			
10-Year Approved Budget (2025-2034)		\$1,190.7M																			
2025 Budget		\$456.8M																			
2025 YTD Budget		\$53.9M																			
2025 YTD Actuals		\$81.1M																			

³Note: 2026 represents the ZETF funded scope with EFC of \$620.2M.

eBuses	Total	Start Date	# Delivered	Forecasted End Date	Status
New Flyer	204	Q2 2024	62	Q1 2026	R
NOVA	136	Q3 2024	1	Q1 2026	R

Progress Update

340 Zero-Emission Buses (eBuses):

- Pre-production meetings were completed and the lead bus from both suppliers was delivered in July 2024.
- As of May 15, 2025, 103 of 340 vehicles have been delivered, of which 63 are in service.

Key Issues and Action Plan

- The bus manufacturing industry is experiencing supply chain issues, which are causing delays to bus deliveries. The vendors are working with parts suppliers to provide support with on-site production.
- Buses are experiencing battery fault codes that affect bus performance and range. The root cause has been identified, and a retrofit campaign is in progress to replace all battery packs with “certified” battery packs.

¹The above issues will result in a schedule delay from Q4 2025 to Q1 2026.

Key Risks and Mitigation Activities

Post-2025 Zero-Emission Buses (eBuses):

- Lessons learned from the current program phase are being evaluated and will be incorporated into future phases of the program. This is new technology being adopted by the TTC and requires ongoing change management support.
- ²The 1,645 eBuses and related charging infrastructure required between 2027 and 2035 are currently partially funded in the TTC’s Capital Investment Plan. The remaining funding is critical to maintain service levels and achieve TransformTO goals. The lead time from full funding approval through to commissioning for eBuses is approximately two years. Therefore, a delay in funding will result in a gap in the planned steady-state procurement and may require buses from the existing fleet to be kept in service longer than expected.

Next Steps

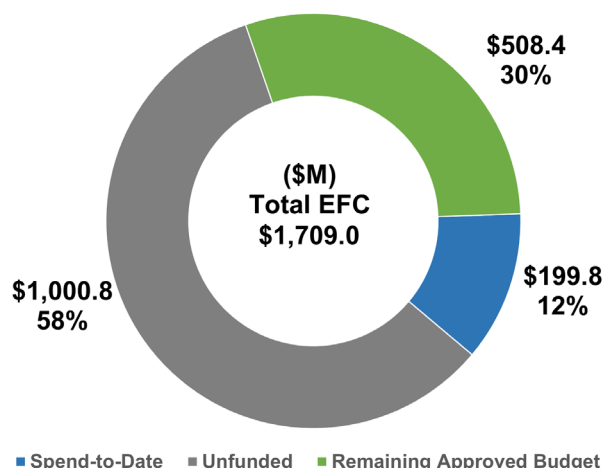
- Continue the delivery and commissioning of eBuses.
- An independent capital assurance review of the eBus Procurement was initiated to assess the overall program’s health. A comprehensive update on the Green Bus Program will be brought to the Board in Q3 2025.

Notes:

- ³The forecast completion year represents the funded scope of the program.
- \$1,977.7M is currently unfunded in the 10-Year Capital Budget and Plan (2025-2034), and \$1,450.1M is unfunded post-2033.

eBus Charging Systems

Strategic Alignment to Corporate Plan							Project Type																
Objective 3.3: Minimize Environmental Impacts and Build Resiliency for a Climate-Changed Future Action 3.3.1: Lead the Transition to Net Zero through the Green Fleet Program							SOGR																
							Asset Class																
							Various																
Funding Status	Performance Scorecard (Outlook Status)																						
R²	Scope	G	Cost	G	Schedule	R¹	Overall	R															
Scope Description																							
<p>This program includes the installation of charge points for electric buses, an upgrade of power at each facility, installation of substation, battery energy storage system, and natural gas emergency backup generators to advance the TTC’s transition toward a zero-emissions fleet. This supports the City of Toronto’s TransformTO target of Net Zero by 2040. Currently, only Phase 1 and Phase 2a are funded under the Federal Zero-Emissions Transit Fund (ZETF), allowing for the installation of a total of 248 charge points between 2023 and 2026:</p> <ul style="list-style-type: none">Phase 1 – Commission 124 charge points.Phase 2a – Commission 124 charge points. <p>Additional funding will be required for charging infrastructure to support the ongoing electrification of the bus fleet, which includes the following scope of work:</p> <ul style="list-style-type: none">Phase 2b – Up to 50% electrification at each garage.Phase 3 – 100% electrification at each garage.																							
Financials: Cost and Budget																							
Project/Program Start		2022																					
Forecast Completion Year		2026 ³																					
Estimated Final Cost (EFC)		\$1,709.0M																					
Total Approved Budget		\$708.2M																					
10-Year Approved Budget (2025-2034)		\$512.4M																					
2025 Budget		\$48.2M																					
2025 YTD Budget		\$6.9M																					
2025 YTD Actuals		\$4.0M																					
<div><table><thead><tr><th>Category</th><th>Amount (\$M)</th><th>Percentage</th></tr></thead><tbody><tr><td>Spend-to-Date</td><td>\$1,000.8</td><td>58%</td></tr><tr><td>Unfunded</td><td>\$508.4</td><td>30%</td></tr><tr><td>Remaining Approved Budget</td><td>\$199.8</td><td>12%</td></tr><tr><td>Total EFC</td><td>\$1,709.0</td><td></td></tr></tbody></table></div>									Category	Amount (\$M)	Percentage	Spend-to-Date	\$1,000.8	58%	Unfunded	\$508.4	30%	Remaining Approved Budget	\$199.8	12%	Total EFC	\$1,709.0	
Category	Amount (\$M)	Percentage																					
Spend-to-Date	\$1,000.8	58%																					
Unfunded	\$508.4	30%																					
Remaining Approved Budget	\$199.8	12%																					
Total EFC	\$1,709.0																						



³**Note:** 2026 represents the ZETF funded scope with EFC of \$156.6M.

Schedule and Progress Update

Installation of 248 Charge Points (Phase 1 and 2a):

As of March 26, 2025:

- 41 of 248 charge points were commissioned and are in service. See the table below for a status update:

Garage (Projects)	# of Charge Points	Current Phase	Forecasted / Actual End Date ²	Status
Phase 1				
Arrow Road	10	In-Service	February 2024	Completed
Eglinton	21	In-Service	March 2025	Completed
Birchmount	10	In-Service	March 2025	Completed
Wilson	26	Construction	September 2025	Y
Malvern	30	Construction	September 2025	Y
McNicoll	27	Construction	September 2025	R
Phase 2a				
Eglinton	56	Construction	April 2026	R
Mount Dennis	68	Construction	April 2026	R
Total	248			

Key Issues and Action Plan

- ¹Commissioning at the first two Phase 1 garages (Eglinton and Birchmount), following the original pilot program, took longer than anticipated. This is attributed to the challenges associated with the roll-out of the initial phase of a new program. Lessons learned have been incorporated into future Phase 1 and Phase 2a deliverables, including risk-based project schedule contingencies.
- An adequate number of charge points may not be in operation in time for eBus deliveries. PowerON and the TTC continue to closely monitor all program activities and, in parallel, are exploring opportunities to accelerate the overall schedule. In addition, mitigation plans are being developed with all key stakeholders to address the impact of potential delays.

Key Risks and Mitigation Activities

- ²Post-2025 (Phase 2b and Phase 3), an additional 1,761 charge points will be required to operate the future eBus deliveries between 2027 and 2035 (currently partially funded in the TTC's Capital Investment Plan). The remaining funding is critical to ensure the charging infrastructure is operational in advance of the eBus deliveries and to achieve the zero-

emissions target by 2040. The lead time from the commitment of full funding through to commissioning for the required charging infrastructure is approximately two years.

- Lessons learned from the current program phase are being evaluated and will be incorporated into future phases. This is new technology being adopted by the TTC and requires ongoing change management support.

Next Steps

- An independent capital assurance review of the Charging System Program was initiated to assess the program's health. A comprehensive update on the Green Bus Program will be brought to the Board in Q3 2025.

Phase 1:

- Commercial Operation at Malvern, McNicoll, and Wilson garages.

Phase 2a:

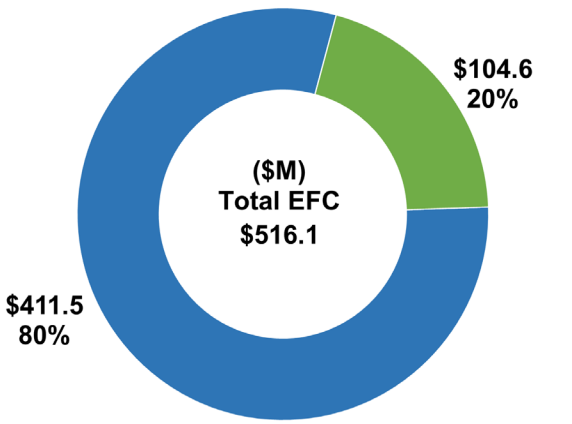
- Continue construction at Eglinton and Mount Dennis garages.

Notes:

- \$937.4M is currently unfunded in the 10-Year Capital Budget and Plan (2025-2034), and \$63.4M is unfunded post-2034.
- ³The forecasted end date of Q2 2026 represents the funded scope of 248 charge points that will be available for commercial operations.

Streetcar Portfolio

Purchase of 60 Streetcars

Strategic Alignment to Corporate Plan								Project Type	
Objective 3.1: Build Network Capacity to Support Long-Term Growth to 2041 Action 3.1.5: Grow Streetcar Capacity with 60 New Accessible Streetcars and Upgraded Facilities								Growth	
								Asset Class	
								Fleet	
Funding Status		Performance Scorecard (Outlook Status)							
G		Scope	G	Cost	G	Schedule	G	Overall	G
Scope Description									
<p>This project provides for the procurement of 60 new, accessible streetcars to address latent service demand, projected increases in travel time due to traffic congestion, and growth.</p> <p>Note: The TTC received \$360 million in funding toward the TTC Streetcar Program (60 Streetcars and Hillcrest Facility) from the Provincial and Federal governments. The Contribution Agreement with Infrastructure Canada was completed in October 2024.</p>									
Financials: Cost and Budget									
Project/Program Start		2019		 <p>(\$M) Total EFC \$516.1</p> <p>\$411.5 80% \$104.6 20%</p> <p>■ Spend-to-Date ■ Unfunded ■ Remaining Approved Budget</p>					
Forecast Completion Year		2026							
Estimated Final Cost (EFC)		\$516.1M							
Total Approved Budget		\$516.1M							
10-Year Approved Budget (2025-2034)		\$157.4M							
2025 Budget		\$142.6M							
2025 YTD Budget		\$52.8M							
2025 YTD Actuals		\$52.8M							
Schedule and Progress Update									
<ul style="list-style-type: none">The third (of four) Canadian Content Audit was completed in September 2024, with a final audit to be completed in Q3 2025. The results are currently indicating approximately 50% Canadian content contribution.Production work for major sub-assemblies continues at Alstom’s Thunder Bay, Ontario facility. Project closure activities have commenced at Alstom’s La Pocatière, Quebec and Sahagun, Mexico facilities. As of May 15, 2025, 46 streetcars have been delivered, of which 41 are in service.									
Next Steps									
<ul style="list-style-type: none">Continue to receive the remaining 14 vehicles and complete the commissioning process by Q3 2025.									

Hillcrest Facility

Strategic Alignment to Corporate Plan							Project Type	
Objective 3.1: Build Network Capacity to Support Long-Term Growth to 2041 Action 3.1.5: Grow Streetcar Capacity with 60 New Accessible Streetcars and Upgraded Facilities							Service Improvements	
							Asset Class	
							Facilities	
Funding Status		Performance Scorecard (Outlook Status)						
<div>G</div>	Scope	<div>G</div>	Cost	<div>Y¹</div>	Schedule	<div>G</div>	Overall	<div>Y</div>
Scope Description								
<p>The Hillcrest Facility is a component of the larger Streetcar Program. This project involves the modification of the Hillcrest Facility to accommodate the storage, pre-service, testing and maintenance of 25 new, accessible streetcars.</p> <ul style="list-style-type: none">Phase 1 (Storage for 25 streetcars and temporary pre-servicing).Phase 2 (Permanent pre-servicing, including Sand Silo).								
Financials: Cost and Budget								
Project/Program Start		2021		<div><div><div></div><div>\$142.6 90%</div><div>(\$M) Total EFC \$158.6</div><div>\$16.0 10%</div></div><div><div>Spend-to-Date</div><div>Unfunded</div><div>Remaining Approved Budget</div></div></div>				
Forecast Completion Year		2029						
Estimated Final Cost (EFC)		\$158.6M						
Total Approved Budget		\$158.6M						
10-Year Approved Budget (2025-2034)		\$145.6M						
2025 Budget		\$6.4M						
2025 YTD Budget		\$1.8M						
2025 YTD Actuals		\$3.0M						
Schedule and Progress Update								
<p><u>Hillcrest Maintenance and Storage Facility (MSF):</u></p> <ul style="list-style-type: none">The construction contract was awarded in September 2024.Notice to Proceed was issued to the contractor in November 2024, and Phase 1 of the construction commenced in January 2025.Commenced preliminary design for the Hillcrest Hydro Corridor East parking lot.								
Project/Phase		Start Date		Forecasted End Date		Status		
Phase 1 (Storage for 25 streetcars; temporary pre-servicing)		Q1 2025		Q4 2028		In Progress		<div>G</div>
Phase 2 (Permanent pre-servicing, including Sand Silo)		Q3 2026		Q3 2029		Not Started		<div>G</div>

Key Issues and Action Plan

- To mitigate the temporary streetcar storage deficit, the TTC is operating its carhouses at maximum capacity. In addition, the TTC will continue to provide increased overnight service to various customer segments (i.e. shift workers), which will also support the City's Night Time Economy Strategy.
- ¹To support parking requirements for the TTC's non-revenue vehicles and employees the overall project EFC will be augmented for the redevelopment of the Hillcrest Hydro Corridor East parking lot. The estimated incremental \$5.2 million is based on an Order of Magnitude Estimate and will be requested as part of the 2026-2035 budget submission.

Key Risks and Mitigation Activities

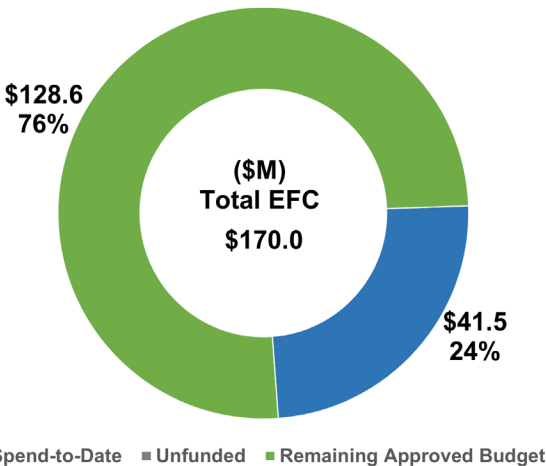
- To address potential schedule impacts, the TTC is proactively monitoring and coordinating key interdependencies, including the delivery of 60 new streetcars, access for Spur Line, and the Harvey Shop State-of-Good-Repair (SOGR) work.

Next Steps

Hillcrest MSF:



- Continue Phase 1 construction.

Russell Carhouse

Strategic Alignment to Corporate Plan								Project Type	
Objective 3.1: Build Network Capacity to Support Long-Term Growth to 2041 Action 3.1.5: Grow Streetcar Capacity with 60 New Accessible Streetcars and Upgraded Facilities								SOGR	
								Asset Class	
								Facilities	
Funding Status		Performance Scorecard (Outlook Status)							
G		Scope	G	Cost	G	Schedule	G	Overall	G
Scope Description									
<p>Operating since pre-1921, Russell Carhouse supports the TTC’s streetcar operations. The Russell Carhouse program is comprised of State-of-Good-Repair and modernization investments to enable the facility to support the new low-floor streetcars. This includes the following upgrades:</p> <ul style="list-style-type: none">• Russell Carhouse Track and Yard Overhaul: track replacement; stormwater management system replacement to meet City requirements, and overhead system replacement to accommodate streetcar pantograph operations.• Russell Carhouse Interior Modifications and Extension: West extension to allow for additional vehicle maintenance bays; reconfiguration of maintenance tracks and pits in the carhouse for streetcar operational maintenance; and maintenance access for rooftop equipment and provision of additional ancillary facility requirements (i.e. in-ground vehicle hoist, increase Ground Floor Area (GFA), side pit access and two lift tables).									
Financials: Cost and Budget									
Project/Program Start		2021		 <p>(\$M) Total EFC \$170.0</p> <p>■ Spend-to-Date ■ Unfunded ■ Remaining Approved Budget</p>					
Forecast Completion Year		2029							
Estimated Final Cost (EFC)		\$170.0M							
Total Approved Budget		\$170.0M							
10-Year Approved Budget (2025-2034)		\$131.6M							
2025 Budget		\$4.7M							
2025 YTD Budget		\$1.3M							
2025 YTD Actuals		\$3.0M							
Schedule and Progress Update									
<u>Track and Yard Overhaul:</u>									
<ul style="list-style-type: none">• Stage 2 construction was completed and handed over to operations on May 31, 2025.• Stage 3 construction is forecasted to start in June 2025.									

Interior Modifications and Carhouse Extension:

- Completed 100% Detailed Design Review. The Contract Award is expected in Q3 2025.
- The Net Zero option has been evaluated, and the change has been incorporated in the tender document by an addendum.

Project/Phase	Start Date	Forecasted End Date	Status	
Track and Yard Overhaul				
Stage 1: Tracks 1-12	Q3 2022	Q3 2024	Completed	
Stage 2: Tracks 13-18	Q3 2024	Q2 2025	In Progress	
Stage 3: Tracks 19-22	Q2 2025	Q3 2025	In Progress	
Interior Modifications and Carhouse Extension	Q3 2025	Q4 2029	Not Started	N/A

Key Issues and Action Plans

- In order to address Streetcar storage and maintenance impacts resulting from the ongoing work, the TTC continues to review efficiencies regarding infrastructure installation timelines at Russell Carhouse. To mitigate any storage and maintenance impacts, the TTC will operate at maximum capacity from its carhouses. In addition, the TTC will continue to provide increased overnight service to various customer segments (i.e. shift workers), which will also support the City's Night Time Economy Strategy.

Key Risks and Mitigation Activities

- Recent market trends may impact the overall EFC. The TTC will continue to evaluate and identify potential offsets to the greatest extent possible.

Next Steps

Track and Yard Overhaul:

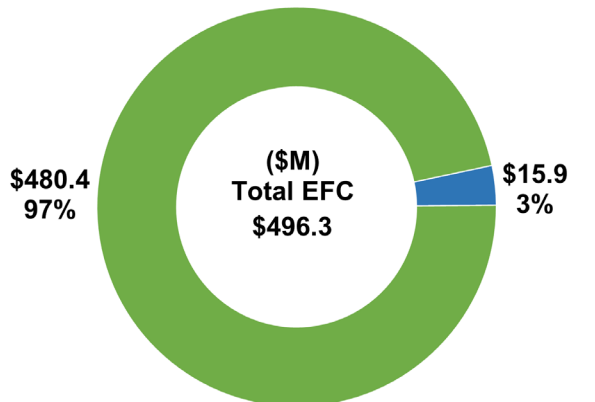
- Continue Stage 3 construction with completion scheduled by the end of September 2025.

Extension and Interior Modifications:

- Award the contract by Q3 2025 and commence construction in series once the Track and Yard Overhaul is substantially complete.

Network Wide Portfolio

TTC Operations Facility

Strategic Alignment to Corporate Plan								Project Type	
Objective 3.1: Build network capacity to support long-term growth forecasted to 2041								Growth	
								Asset Class	
								Facilities	
Funding Status		Performance Scorecard (Outlook Status)							
G		Scope	G	Cost	G	Schedule	G	Overall	G
Scope Description									
This project provides for the construction of a new Transit Operations Facility, which will serve as a primary location to accommodate the operational, growth, and transit expansion requirements. The current Transit Operations Facility, which coordinates TTC’s subway, streetcar, and bus networks, as well as ancillary groups, is forecasted to exceed capacity by early 2030’s. The existing location will serve as a back-up facility.									
Financials: Cost and Budget									
Project/Program Start		2024		 <p>(\$M) Total EFC \$496.3</p> <p>\$480.4 97% \$15.9 3%</p> <p>■ Spend-to-Date ■ Unfunded ■ Remaining Approved Budget</p>					
Forecast Completion Year		2032							
Estimated Final Cost (EFC)		\$496.3M							
Total Approved Budget		\$496.3M							
10-Year Approved Budget (2025-2034)		\$481.4M							
2025 Budget		\$2.1M							
2025 YTD Budget		\$0.5M							
2025 YTD Actuals		\$1.0M							
Schedule and Progress Update									
Early Works: <ul style="list-style-type: none">Completed Preliminary Design for the Demolition Contract and currently proceeding with Detailed Design. Facility: <ul style="list-style-type: none">Completed Preliminary Design for the facility, which is currently under review.Commenced a Quantitative Risk Assessment for the schedule to allow for risk allocation and determine the Class 3 Cost Estimate.A Site Plan Application (SPA) was submitted to the City on February 18, 2025, and TTC has responded to the initial comments that have been received.									

Key Issues and Action Plan

- There is potentially a significant financial impact of applying the Toronto Green Standards to meet the Net Zero emissions target. The TTC will continue coordination with the City and evaluating potential options to mitigate.
- To mitigate concerns resulting from design complexities that will require incorporating roadways through the facility, the TTC will coordinate with the City and adjacent building developers. The TTC is expected to have direction through the Site Plan Application (SPA) process on the alignment of the road by the end of Q2 2025.

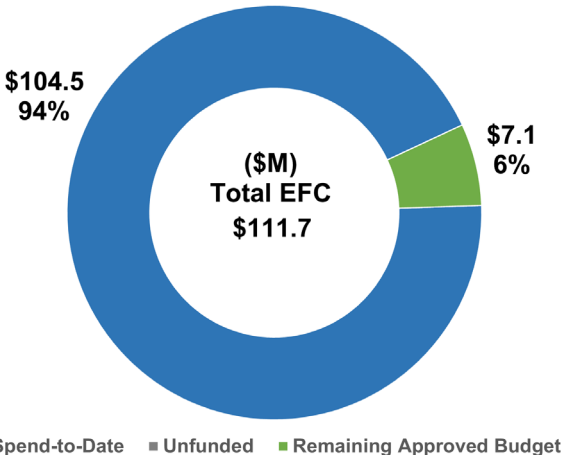
Key Risks and Mitigation Activities

- Interdependent expansion projects by Metrolinx may impact project schedule and scope. The TTC will continue coordination with Metrolinx to obtain updates and assess the impact and potential alternatives.
- Insufficient resources for timely systems design and implementation may impact the project schedule. Mitigation options are being considered to address resource constraints.
- Risk of increased cost as the current budget is based on a Class 4 Estimate. If the Class 3 estimate is higher, the TTC will evaluate opportunities for cost savings or potential scope reduction, prior to baselining the project at Stage Gate 3.

Next Steps

- Obtain and address further comments from the City regarding the Site Plan Application by the end of Q4 2025.
- Continue advancing designs for the facility and the demolition contracts as well as coordinating with external stakeholders.

VISION – CAD/AVL

Strategic Alignment to Corporate Plan							Project Type		
Objective 2.1: Better Serve Customer Demand in an Evolving Operating Environment Action 2.1.2: Enhance the TTC’s Customer Research and Data Analytics Capacity, Improve Tracking and Communications of the Bus and Streetcar Fleet							SOGR		
							Asset Class		
							Systems		
Funding Status		Performance Scorecard (Outlook Status)							
G		Scope	G	Cost	G	Schedule	Y ¹	Overall	Y
Scope Description									
<p>Implementation of a new Computer-Aided Dispatch/Automatic Vehicle Location (CAD/AVL) System (VISION) on the bus and streetcar fleets to provide improved: a) tracking and communications with the fleet of more than 2,200 buses and streetcars; b) information for scheduling and planning; c) real-time information for Operators and customers during their trip; d) more efficient Transit Signal Priority to keep TTC vehicles moving; and e) management of the assignment and dispatching of vehicles to service through the implementation of the new yard management system. The project scope consists of three phases:</p> <p>The project scope has been organized into three phases:</p> <p>Phase 1 and 2 (Completed):</p> <ul style="list-style-type: none">Installed the CAD/AVL solution on the TTC’s bus fleet and 204 streetcars.Integrated the central CAD/AVL solution with existing onboard cameras on buses and the automatic passenger counting systems on buses and streetcars. <p>Phase 3 (In progress):</p> <ul style="list-style-type: none">Implemented the Operator Performance module, Bustime and SMS messaging upgrades.Implement Yard Management System at all streetcar carhouses and bus garages.									
Financials: Cost and Budget									
Project/Program Start		2016		 <p>(\$M) Total EFC \$111.7</p> <p>■ Spend-to-Date ■ Unfunded ■ Remaining Approved Budget</p>					
Forecast Completion Year		2025							
Estimated Final Cost (EFC)		\$111.7M							
Total Approved Budget		\$111.7M							
10-Year Approved Budget (2025-2034)		\$8.1M							
2025 Budget		\$4.3M							
2025 YTD Budget		\$0.5M							
2025 YTD Actuals		\$1.0M							

Schedule and Progress Update

Phases 1 and 2 (Completed):

The benefits from implementing Phases 1 and 2 have resulted in increased ability to manage On-Time Performance, improved customer information and Vehicle-to-Transit-Control communications, as well as a decrease in road calls.

Phase 3 (In Progress):

- Operator Performance Module: Completed speed layer testing and implementation, which has been accepted by Operations.
- Bustime and Upgrades to SMS Text Messaging: The Bustime.ttc.ca website was launched in July 2024, providing customers with predictions for Run-As-Directed (RAD) vehicles (additional vehicles that are used to address gapping so that customers are no longer waiting for long periods of time for the next vehicle). General Transit Feed Specification/Real Time (GTFS/RT) was also launched, which provides customers and third-party app providers with improved information, in real time, of the next vehicle arrivals.

Yard Management System:

- The deployment of the Smart Yard Management System at 11 garages and carhouses is currently in progress. This system enables tracking vehicle locations in these facilities and automatically assigns the scheduled service to the vehicles. The expected benefits of the system include improved pull-out performance and efficiencies for tracking and dispatching vehicles from the yards.
- To date, 85% of the construction and 27% of vendor commissioning have been completed. Smart Yard Implementation has been commissioned at Leslie Barns in April 2024, Arrow Road in January 2025, Malvern in April 2025 and Mount Dennis in May 2025. Full implementation at all carhouses and garages is forecasted to be completed by Q3 2025.
- Completed Final User Acceptance for the CAD system in December 2024.
- Communication will be provided to the Board in Q3 2025 to inform of the benefits of implementing the VISION program.

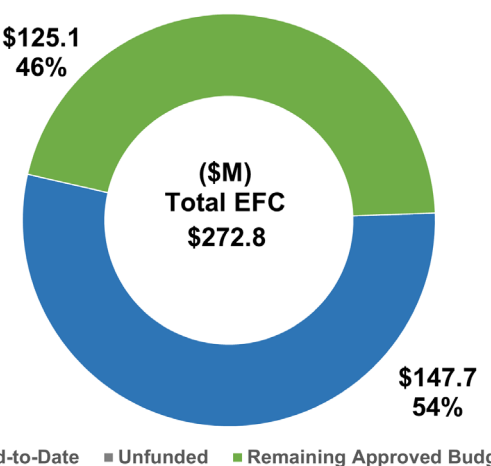
Key Risks and Mitigation Activities

- The Yard Management project experienced delays in its roll-out phase due to quality assurance issues. The TTC worked closely with the vendor to identify the root causes and implemented appropriate solutions and continues to closely monitor the progress.
- ¹The Smart Yard implementation at the Russell Carhouse will be descoped from the current contract due to the ongoing construction work at the facility. The implementation will be commissioned after the Russell Carhouse work has been completed.

Next Steps

- Complete operationalization of the Smart Yard Implementation at all remaining Garages/Yard by the end of Q3 2025.
- Roll-out of digital display content to the bus fleet in Q2 2025, which provides customers with real-time arrival predictions of the next three stops on the route.

SAP ERP Implementation

Strategic Alignment to Corporate Plan								Project Type	
Objective 4.3: Embrace Technology to Drive Efficiency and Improve Employee and Customer Experience Action 4.3.2: Complete the Upgrade of Back Office and other Processes with Enterprise SAP								SOGR	
								Asset Class	
								Systems	
Funding Status		Performance Scorecard (Outlook Status)							
G		Scope	G	Cost	G	Schedule	Y	Overall	Y
Scope Description									
<p>Implementing an industry-standard enterprise software solution that modernizes the TTC’s core systems that aligns with the City of Toronto’s SAP Roadmap by integrating business processes, drive efficiency and improve customer and employee satisfaction through the replacement of legacy systems.</p> <p>The SAP implementation will establish a system of record to provide improved information for decision-making. The transition to SAP will be rolled out in a phased approach:</p> <p>Phase 1 Modules: a) Recruiting, Onboarding, Organization Management, and Employee Central Service Centre; b) Payroll and Benefits Administration; c) General Ledger.</p> <p>Phase 2 Modules: a) Workforce Time and Attendance; b) Sodales Union Bidding; c) WorkZone d) Project Systems; e) Sodales Disability Claims Management.</p> <p>Phase 3 Modules: a) Materials Management; b) Inventory Management; c) Warehouse Management; d) Procure to pay; e) Contract Management; f) Supplier Enablement; g) Spend Management; h) Expense Management; i) Contingent Labour Management; j) Disability Claims Management; k) Absence Management.</p> <p>Phase 4 Modules: a) Performance and Compensation Planning; b) Career and Succession Planning; c) Grievance Management.</p>									
Financials: Cost and Budget									
Project/Program Start		2014		 <p>(\$M) Total EFC \$272.8</p> <p>■ Spend-to-Date ■ Unfunded ■ Remaining Approved Budget</p>					
Forecast Completion Year		2027							
Estimated Final Cost (EFC)		\$272.8M							
Total Approved Budget		\$272.8M							
10-Year Approved Budget (2025-2034)		\$129.7M							
2025 Budget		\$36.0M							
2025 YTD Budget		\$6.1M							
2025 YTD Actuals		\$4.5M							

Schedule and Progress Update

Phase 1 (Completed in 2019):

The value-added benefits of Phase 1 include: a) a unified HR system integrating the SAP payroll/benefits system with SAP SuccessFactors; b) provides employees with online self-service options; c) ensures payroll compliance with regulations; d) improved employee hiring and onboarding; and e) ensures data integrity and opportunity for future proofing.

Phase 2 (Completed):

The value-added benefits of the completed portion of Phase 2 include: a) a centralized learning platform with role-based learning paths; b) tracking of training/certification; c) strong analytics and reporting capability, including compliance management; d) full integration with Talent Management processes; and e) improved job costing management of capital and operating expenses.







Phase 2 (In Progress):

- The Time, Attendance and Workforce Scheduling System project is in progress and is targeted for completion by 2026. The project is being delivered in three releases - (Release 1: Staff, Release 2: Union-Non-Operators, and Release 3: Union-Operators).
 - Release 1: Went live in July 2024, providing Non-Union staff (excluding Engineering, Construction and Expansion (EC&E)) with a single system of record for attendance, absence, and overtime management.
 - Release 2: Was kicked off in January 2025, design workshops are in progress, and is planned for a Q1/Q2 2027 Go-Live.
 - Release 3: The Transit Operator Workforce Management Solution RFP evaluation was completed, and the contract was awarded in August 2023. Testing for the first phase (online sign-up) is in progress and is planned for a Q3 2025 Go-Live.
- Contract Award for a Union bidding solution to ensure consistent shift bidding was completed in July 2024. The implementation was kicked off in September 2024, and the first Phase is planned to go live in Q4 2025.

Phase 3 (In Progress):

- The assessment phase for the Asset Accounting Module was completed in Q3 2022.
- The Procurement/Management/Materials Management/Finance is currently in progress, with the assessment phase completed in Q1 2022. The Request for Proposal (RFP) was released in November 2023, and the contract was awarded following approval at the April 16, 2025, Board meeting.

Phase	Start Date	Forecasted End Date	Status
Phase 2			
Accounts Payable I	May 2015	Dec 2019	Completed
Corporate Communications Employee Mobile App	Nov 2019	Nov 2020	Completed
Learning Management System	Feb 2021	Oct 2021	Completed
Capital and Operating Job Costing	Apr 2020	Mar 2024	Completed

Phase	Start Date	Forecasted End Date	Status	
Time and Attendance and Workforce Scheduling for all Non-Union Employees (excludes EC&E)	Jul 2021	Jul 2024	Completed	
Union Bidding Implementation	Jul 2023	Jun 2027	In Progress	
Time and Attendance and Workforce Scheduling for all Maintenance Employees	Nov 2024	Mar 2027	In Progress	
Time and Attendance and Workforce Scheduling for Transit Operator Employees	Sep 2023	May 2027	In Progress	
Phase 3				
Procurement, Materials/Warehouse Management, Accounts Payable II	Feb 2023	TBD	In Progress	 ¹
Accounts Receivable	Feb 2023	TBD	In Progress	 ¹
Asset Accounting	Feb 2023	TBD	In Progress	 ¹
Phase 4				
Employee Performance/Compensation Management and Succession Planning	TBD	Dec 2027	Not Started	N/A
Grievance Management	TBD	Dec 2027	Not Started	N/A
Key Issues and Action Plan				
<ul style="list-style-type: none"> ¹Project schedule for Phase 3 has been impacted due to: a) 7-month delay in issuing the RFP. The vendor has been onboarded and a preliminary schedule indicates a delay. The team is working with the vendor to evaluate opportunities to accelerate where possible and an updated risk adjusted schedule will be developed. 				
Key Risks and Mitigation Activities				
<ul style="list-style-type: none"> Data quality from legacy systems' records may impact implementation timelines due to the effort required for data cleansing. Records in legacy systems may not be current, which requires additional cleansing efforts prior to loading them into the new SAP system. The project team continues to work with departments to have their data cleansed prior to loading into the new SAP system. Data strategies have been included in all SAP projects. Procurement, Materials-Warehouse, Finance: Business procurement policies will need to be finalized prior to the implementation of the new solution. The TTC continues to monitor progress, with an expected resolution by the end of Q2 2025. 				
Next Steps				
<u>Phase 2:</u> <ul style="list-style-type: none"> The Time, Attendance and Workforce Scheduling Release 3 (Phase 1) - Vacation and Board Period Sign-Up functionality will be launched at the end of Q3 2025. 				

Note:

- The contingency for the program was reallocated to 2027 for budgetary purposes only. The overall program schedule is on target.

PRESTO

Strategic Alignment to Corporate Plan	Project Type
Objective 2.2: Improve the Customer Experience by Providing a Safe, Accessible and Comfortable Journey Action 2.2.6: Provide Customers with a World-Class Fare Collection System	Growth
	Asset Class
	Systems

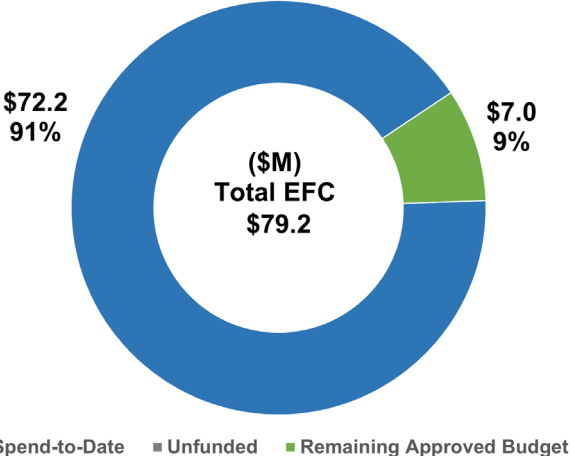
Funding Status	Performance Scorecard (Outlook Status)							
G	Scope	Y	Cost	G	Schedule	R¹	Overall	R

Scope Description

This program provides TTC oversight for the implementation of the PRESTO fare payment method by Metrolinx, as outlined in the Master E-Fare Agreement signed with Metrolinx in 2012 to meet the TTC's business requirements. The scope of work to be completed by Metrolinx includes:

- Modifications and enhancements to the PRESTO system to allow for an e-fare account-based payment system with an open architecture using industry standards to accommodate open-loop financial cards, mobile applications, and future technological innovations ("PRESTO Next Generation").
- Ensuring PRESTO implements and operates a wide range of "managed services" as agreed to in the Master Service Agreement in 2012 (i.e. back-office operations, customer services, revenue collection, and maintenance of all system field equipment).
- Service-Level Agreement for KPI, performance measurement and tracking.

Financials: Cost and Budget

Project/Program Start	2012	 <p>(\$M) Total EFC \$79.2</p> <p>■ Spend-to-Date ■ Unfunded ■ Remaining Approved Budget</p>
Forecast Completion Year	2027	
Estimated Final Cost (EFC)	\$79.2M	
Total Approved Budget	\$79.2M	
10-Year Approved Budget (2025-2034)	\$7.1M	
2025 Budget	\$2.3M	
2025 YTD Budget	\$0.3M	
2025 YTD Actuals	\$0.1M	

Schedule and Progress Update

The program milestones achieved since 2012 include:

- Fare payment options with the PRESTO Ticket for customers who would like to purchase one ride, two rides, or a day pass without a PRESTO card. The TTC has transitioned approximately 200 institutions from legacy fares to PRESTO tickets via the implementation of a new bulk Limited Use Medias (LUMs) sales program. A Bulk Sales program was also

set up for Non-Profit organizations (i.e. TDSB) to purchase PRESTO Tickets directly from PRESTO. As a result, this has enabled the TTC to discontinue the sale of legacy fares.

- PRESTO vending machines, which are available at all subway stations as well as the Mobile Fare Payment Application on all streetcars, buses, and Wheel-Trans vehicles, including contracted accessible vans.
- Launch of the City of Toronto's Fair Pass Program in 2018, which provides a discount for eligible adult residents when using the balance on their PRESTO card or a monthly pass.
- Launch of the two-hour transfer in August 2018, which makes short-distance travel more affordable for all customers. In addition, PRESTO payment options have integrated fares allowing customers to travel seamlessly into Mississauga and York Region.
- Implementation of the Human Machine Interface (HMI) on all fare gates, buses, streetcars, and Wheel-Trans vehicles as well as contracted taxis, which provides customers with information on card balances and time remaining in the two-hour transfer window. This also provides the TTC with additional tools to track and enforce fare compliance. In 2021, the TTC implemented an enhancement on the HMI to prevent the use of child cards for fare evasion.
- New fare gate readers have been installed at all subway stations to enable Open Payment and PRESTO Mobile Wallet. The Open Payment option, which was launched in August 2023, allows customers the flexibility and convenience of using Credit/Debit as fare payment. To allow for the launch of Open Payment, all devices (fare gate readers) were refreshed on buses, streetcars, and Wheel-Trans vehicles along with the installation of new smart card readers at all stations.
- PRESTO in Google Mobile Wallet was launched in November 2023, and PRESTO in Apple Mobile Wallet was launched in July 2024. The PRESTO Mobile Wallet allows customers the option to add a PRESTO card to a digital wallet and enables them to pay using their smartphone or smartwatch instead of a physical card.
- Machine Readable Transfers: Phase 1 (Streetcars only) is in progress and is scheduled to be completed by the end of 2025, with full implementation expected by Q2 2026.

Key Issues and Action Plan

- ¹The outstanding settlement requirements were not completed by the planned timeline of Q4 2024 due to the Metrolinx procurement transition (merging of two separate systems into a single account-based system). This has delayed the closing of outstanding settlement agreement gaps within the 2024 target timeline per the Minutes of Settlement and is reflected in the overall status (at risk).
Based on the last round of discussions, both parties have updated the plan, resulting in the removal of obsolete requirements. Metrolinx has agreed to the revised set of outcome-based requirements that will be fulfilled through the Transition Program. The project is forecasted to be completed by Q4 2027, subject to agreement with Metrolinx by 2026.

Key Risks and Mitigation Activities

- TTC requirements related to cash payment (i.e. Machine-Readable Transfers) are at risk of not being delivered as PRESTO is heavily focused on Digital Transformation initiatives that discourage the use of cash on transit. Metrolinx has completed an analysis, and a resolution will be implemented in a phased approach between 2025 and 2026. The TTC is actively in discussions with Metrolinx to review the delivery schedule and closeout plans.

Next Steps

- Complete Phase 1 of the PRESTO Third-Party Network expansion by installing PRESTO Fare Vending Machines (FVMs) at four priority Neighbourhood Improvement Areas (NIAs) by Q2 2025.
- Complete Phase 1 of Machine-Readable Transfer by enabling QR code printing on all Single Ride Vending Machines on Streetcars and QR code scanning on all payment validators on TTC buses, streetcars, and fare gates at TTC stations.
- Complete TTC Fare Vending Machine/Automated Vending Machine functionality enhancement by Q1 2026.
- Continue progressing the updated outcome-based requirements through the Transition Program which is forecasted to be completed by Q2 2026.