

Making Headway

Update to the TTC Capital
Investment Plan 2026-2040



Attachment 1: 2026 – 2040 Capital Investment Plan (CIP) Summary

The total capital requirements for the TTC over the next 15 years (2026 to 2040) is in the order of \$53.994 billion of which approximately \$37.336 billion is currently unfunded. The summary below outlines the funded and unfunded breakdown for each of the five CIP portfolios.

Modernizing the Subway & Expanding Capacity Portfolio

Program / Project	Description	Funded	Unfunded	Total CIP
Modernizing the Subway & Expanding Capacity				
Purchase of Subway Cars	Purchase of new subway trains to replace the aging T1 trains, meet ATC requirements and align the fleet with ridership growth forecasts	2,426.2	1,607.9	4,034.0
Line 2 Automatic Train Control (ATC)	The implementation of an ATC system on Line 2, which will increase capacity by reducing headway, providing more reliable service	685.3	184.0	869.2
Line 2 Capacity Enhancements	Increasing Line 2 capacity through infrastructure upgrades to various station capacity and traction power systems, as well as the modification of Greenwood Yard	1,038.0	1,405.8	2,443.8
Line 2 Maintenance & Storage Facility	Construction of a maintenance and storage facility and connection to the main line to meet growth requirements in the subway fleet	27.8	2,141.4	2,169.1
Line 1 Capacity Enhancements (Includes TMSF)	Increasing Line 1 capacity through various enhancements and infrastructure upgrades to achieve target capacities at specific horizon years as well as the construction of a new train maintenance and storage facility	1,022.6	5,401.9	6,424.5
Platform Edge Doors	Improve subway service reliability and efficiency, while maintaining physical separation between passengers on the platform <i>*Project EFC remains at \$4.1B, however roughly \$3B in requirements are reflected beyond the 15-year CIP window.</i>	-	1,178.0	1,178.0*
Bloor-Yonge Capacity Improvements	Construction of additional platforms, escalators and elevators to improve vertical circulation and address overcrowding at the Bloor-Yonge station	1,315.6	-	1,315.6
Line 4 Re-signalling	Increasing capacity by reducing headway through the implementation of an ATC system	-	136.4	136.4
Line 1 Re-signalling	Increasing capacity by reducing headway through the implementation of an ATC system	11.1	-	11.1

Program / Project	Description	Funded	Unfunded	Total CIP
Upholding the State of Good Repair				
Equipment	Overhaul and replacement of pumps, elevators, escalators, and other equipment within the TTC subway system	364.5	1,087.2	1,451.6
Subway Car Overhaul	Overhaul of the T1 and TR subway fleet to maintain state-of-good-repair	612.2	427.2	1,039.4
Bridges & Tunnels	Structural rehabilitation programs to ensure the subway tunnels and bridges are maintained in state of good repair	514.5	321.0	835.5
Subway Track	Subway track and turnout rehabilitation, rail grinding, and rail vehicle-based inspection system	353.7	457.9	811.7
Fire Ventilation & Second Exits	The replacement and upgrades of subway fire ventilation fans and the creation of new stairs and exists for emergency situations.	421.6	224.7	646.2
Communications	Various radio, antenna, video equipment and alarm upgrades and replacement projects	207.8	212.3	420.2
Signal Systems	Signal cable alterations and replacement, switch machine replacement and refurbishment	263.0	52.4	315.4
Power Distribution / Electric Systems	Replacement of electrical systems that power the subway, including cables, station breakers and backup power systems	164.4	138.9	303.3
Easier Access Phase III	Increasing accessibility of TTC stations through the addition of elevators, ramps, automatic doors and associated modifications to stations' structural and electrical components	293.6	-	293.6
Traction Power	Replacement of electrical systems that power the subway, including substation electrical rebuild and LV feeder cables	167.3	104.5	271.8
Other Buildings & Structures	Various infrastructure replacement and upgrades supporting the TTC subway systems	148.8	47.7	196.5
Rail Non-Revenue Vehicle Purchase	Various types of subway workcars required for the TTC maintenance and construction work within the subway system	62.9	58.6	121.5

Program / Project	Description	Funded	Unfunded	Total CIP
Shop Equipment	Engineering and shop equipment purchases to support subway SOGR work	71.9	32.2	104.1
Environmental Programs	Asbestos removal program	58.0	32.8	90.8
Finishes	Station finishes renewal projects such as tactile wayfinding upgrades and platform edge tile replacements	50.7	34.3	85.0
Rail Non-Revenue Vehicle Overhaul	SOGR maintenance of subway workcars	35.0	20.7	55.7
Toronto-York Spadina Subway Extension	Close-out costs for the TYSSE project	51.8	-	51.8
Fare Handling Equipment	The installation of faregates at TTC stations	12.7	-	12.7
Other Maintenance Equipment	Subway infrastructure maintenance equipment purchases	2.7	0.8	3.6
Other Subway Projects	Various Subway SOGR Projects	1.3	-	1.3
Grand Total - Modernizing the Subway & Expanding Capacity		10,384.8	15,308.4	25,693.2

Transforming & Electrifying Bus Service Portfolio

Program/ Project	Description	Funded	Unfunded	Total CIP
Transforming & Electrifying Bus Service				
Purchase of Hybrid / Electric Buses	Purchase of low/zero emissions conventional service buses	893.2	5,452.3	6,345.5
Purchase of Wheel-Trans Buses	Purchase of accessible buses for WT service	44.1	579.1	623.3
Install Charging Infrastructure	Bus charging system required for the operation of low/zero emission buses	571.9	1,049.4	1,621.3
Implement Transit Priority Measure	Construction of special dedicated bus lanes and bus transit priority initiatives	102.0	100.6	202.5
10th Bus Garage	Construct a new garage that will allow for several years of growth	27.1	433.4	460.5
Upholding the State of Good Repair				
Bus Overhaul	Includes the mid-life rebuild and Scheduled Maintenance Plan (SMP) work for the bus fleet	819.7	594.0	1,413.7
Equipment	Bus Hoists and bus cleaning infrastructure	91.7	268.3	360.0
Service Planning	Bus stop accessibility improvements	19.3	108.0	127.2
Overhead Doors	Replace overhead doors at various facilities including bus garages and shops.	2.4	84.0	86.4
Environmental Programs	Storage tank replacements and surface remediation for bus garages	52.4	33.6	86.0
SRT Bus Replacement Infrastructure	Bus replacement infrastructure for Line 3 service replacement	52.8	-	52.8
Other Buildings & Structures	McNicoll Bus Garage, Eglinton Bus terminal and WT 10-Year Transformation Program	41.9	-	41.9
New Shelters	Replace shelters that are in poor condition and upgrade existing shelters to provide adequate space for wheelchair accessibility	-	16.4	16.4
Shop Equipment	Bus maintenance equipment purchases	8.5	4.5	13.0
Grand Total - Transforming & Electrifying Bus Service		2,727.0	8,723.3	11,450.3

Supporting a Larger Streetcar Fleet Portfolio

Program/ Project	Description	Funded	Unfunded	Total CIP
Supporting a Larger Streetcar Fleet				
Purchase of Streetcars	Purchase of articulated low-floor streetcars for ridership growth	14.8	-	14.8
Upgrade Overhead Power	The reconstruction of streetcar overhead infrastructure and overhead pole replacement	100.4	102.3	202.8
Hillcrest Maintenance & Storage Facility	Addition of tracks, storage and maintenance capacity at Hillcrest complex to support a larger fleet	137.9	3.8	141.7
Renew Russell Carhouse	Carhouse extension at Russell, track replacement and interior modifications	123.7	-	123.7
Upholding the State of Good Repair				
Streetcar Overhaul	Comprehensive overhaul program to ensure the state-of-good-repair of the streetcar fleet	230.3	779.1	1,009.4
Surface Track	Ongoing surface track replacement for streetcar routes	553.4	954.2	1,507.6
Traction Power	Traction power distribution systems and alternative traction feeds for intersections	65.2	45.5	110.7
Signal Systems	Rehabilitation work for streetcar track switches and controllers	27.5	7.5	35.0
Transit Shelters & Loops	SOGR transit loop construction as well as new/reconstruction work on streetcar shelters	6.2	24.5	30.7
Waterfront Transit	Advancing the design of a two-way streetcar connection between Exhibition Loop and Dufferin Gates Loop, as well as the concept design for Waterfront East Area 1.	30.1	-	30.1
Shop Equipment	Streetcar carhouse shop equipment purchases	10.7	8.8	19.5
Service Planning	Various transit priority measures and automatic passenger counting systems on streetcars.	18.8	31.6	50.4
Maintenance Equipment	Maintenance equipment required for TTC streetcars	4.3	0.7	5.0
Other Streetcar Projects	Various Streetcar SOGR Projects	15.6	8.5	24.0
Grand Total - Supporting a Larger Streetcar Fleet		1,338.9	1,966.5	3,305.4

Facility Maintenance Portfolio

Program / Project	Description	Funded	Unfunded	Total CIP
Facility Maintenance				
Sustainability	Energy Efficiency Retrofits and Decarbonization of Facilities	138.9	1,846.9	1,985.7
Facility Renewal Programs	Various facility renewal and construction projects	514.1	535.4	1,049.5
TTC Operations Facility	Construction of a new operations facility and ITS Data Centre, which will serve as a primary location to accommodate operational, growth and transit expansion requirements	477.6	45.7	523.3
Roofing Rehabilitation	Replacement of roofs at TTC facilities	122.7	251.3	374.0
On-grade Paving	Ongoing assessment and rehabilitation of on-grade pavement surfaces including stations, yards, substations, bus loops and commuter parking facilities	126.4	94.3	220.6
Other Buildings & Structures Projects	Other facilities and buildings required to accommodate the required warehouse space and workforce needs	16.5	161.0	177.6
Communications	Building fire alarm upgrades and garage intercom systems	29.1	15.9	45.0
Power Distribution / Electric Systems	Replacement for lighting at various buildings, garages and shops	10.0	16.1	26.2
Grand Total - Facility Maintenance		1,435.2	2,966.7	4,401.9

Network Wide Assets Portfolio

Program/ Project	Description	Funded	Unfunded	Total CIP
Network Wide Assets				
IT Systems / Software	IT systems upgrades and software maintenance/procurements including the SAP ERP, Corporate Camera Strategy and IT SOGR projects	397.4	264.1	661.5
Equipment	Energy storage and renewable energy generation systems, and fall prevention systems	114.6	266.2	380.8
Purchase Automotive Non-Revenue Vehicles	Procurement of service trucks, vans, utility trucks, road rail overhead service trucks and various other vehicles required for various TTC departments to fulfil their duties.	115.6	230.7	346.3
Wayfinding Strategy	Deliver Wayfinding Strategy to modernize static, dynamic and digital customer touchpoints	3.9	197.0	200.9
Other Buildings & Structures	Climate change mitigation and adaptation program, Pattison Digital and Station System Route Maps Upgrade	47.6	27.4	75.0
Corporate Initiatives	Enterprise asset management and safety/reliability projects in accordance with provincial safety orders	71.8	-	71.8
Fare System	TTC Presto	4.8	49.0	53.8
Other Maintenance Equipment	Service delivery and plant maintenance equipment purchases	6.7	3.3	10.0
Shop Equipment	Materials management and warehouse handling equipment purchases	7.3	-	7.3
Fare Handling Equipment	Revenue and fare handling equipment purchases	1.1	-	1.1
Furniture & Office Equipment	Various office equipment including graphic services/printers	0.5	-	0.5
Grand Total - Network Wide Assets		771.4	1,037.7	1,809.1

TransformTO Portfolio

Program/ Project	Description	Funded	Unfunded	Total CIP
TransformTO				
Vehicles	Additional buses and streetcars required to meet the TransformTO service targets	-	3,511.4	3,511.4
Infrastructure	Additions of an 11th and 12th bus garage, charging infrastructure as well as expanding capacity at existing garages, streetcar carhouses and end of line facilities to accommodate a higher bus throughput.	-	3,822.4	3,822.4
Grand Total - TransformTO		-	7,333.8	7,333.8

Total Capital Investment & Plan	16,657.4	37,336.4	53,993.8
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