

TTC 10 Year Capital Budget 2018-2027 Breakdown By Mode										
	Subway		Bus		Streetcar		Wheel Trans		Total	
	Share	\$m	Share	\$m	Share	\$m	Share	\$m	\$m	
Track										
Subway	100%	350.9	0%	0.0	0%	0.0			350.9	
Surface	0	0.0	0%	0.0	100%	305.6			305.6	
Signals, Electrical, Comms										
Traction Power	60%	110.9	0%	0.0	40%	73.9			184.8	
Power Distribution	60%	42.5	0%	0.0	40%	28.4			70.9	
Communications	50%	56.5	44%	49.7	6%	6.8			112.9	
Signal System	98%	548.7	0%	0.0	2%	11.2			559.9	
Facilities & Structures										
Finishes	80%	104.7	10%	13.1	10%	13.1			130.9	
Equipment	50%	100.8	25%	50.4	25%	50.4			201.5	
Yards & Roads	50%	78.9	25%	39.4	25%	39.4			157.7	
Bridges & Tunnels	80%	287.9	10%	36.0	10%	36.0			359.9	
Buildings & Structures	70%	1149.5	17%	285.4	7%	111.6	2%	40.4	1613.6	
Computers / Corporate Systems										
	60%	178.9	30%	89.5	10%	29.8			298.2	
Equipment										
Shop Equipment	60%	14.3	20%	4.8	20%	4.8			23.9	
Revenue & Fare Handling	50%	7.4	44%	6.5	6%	0.9			14.8	
Other Mtce Equipment	60%	7.5	20%	2.5	20%	2.5			12.5	
Fare System	50%	2.9	44%	2.6	6%	0.3			5.8	
Furniture & Office Equipment	40%	1.2	30%	0.9	30%	0.9			3.0	
Other										
Environmental	20%	11.6	60%	34.9	20%	11.6			58.2	
Service Planning	0%	0.0	80%	71.4	20%	17.8			89.2	
Vehicles										
Purchase of Buses	0%	0.0	87%	534.4	0%	0.0	13%	81.2	615.6	
Bus Overhauls	0%	0.0	100%	425.4	0%	0.0			425.4	
Purchase of Subway Cars	100%	31.7	0%	0.0	0%	0.0			31.7	
Subway Car Overhauls	100%	223.5	0%	0.0	0%	0.0			223.5	
Purchase of Streetcars	0%	0.0	0%	0.0	100%	501.6			501.6	
Streetcar Overhaul	0%	0.0	0%	0.0	100%	83.4			83.4	
Purchase of Non-Revenue V's	30%	6.8	50%	11.3	20%	4.5			22.5	
Rail Non-Rev V's Overhaul	100%	19.4	0%	0.0	0%	0.0			19.4	
Rail Non-Rev V's Purchase	100%	60.9	0%	0.0	0%	0.0			60.9	
Total										
	52%	3397.4	25%	1658.0	20%	1334.5	2%	121.6	6538.2	
Capacity To Spend Adjustment									426.9	
Total including CTS									6965.1	
Unfunded									2274.7	
Total incl CTS & Unfunded									9239.8	
Source: TTC 2018 Capital Budget Appendices (E&OE)										

TTC 2018-2027 Ten Year Capital Plan										
Buildings & Structures	Subway		Bus		Streetcar		Wheel Trans		Total	
	Share	\$m	Share	\$m	Share	\$m	Share	\$m	\$m	
Fire Ventillation Upgrade	100%	274.3		0.0		0.0		0.0	274.3	
Fire Ventillation Unfunded	100%	-162.1							-162.1	
Easier Access Phase III	100%	472.9		0.0		0.0		0.0	472.9	
Sheppard Subway	100%	3.7		0.0		0.0		0.0	3.7	
Leslie Barns		0.0		0.0	100%	23.9		0.0	23.9	
TR/T1 Accommodation	100%	276.5		0.0		0.0		0.0	276.5	
McNicol Garage			100%	156.8		0.0		0.0	156.8	
LRV Carhouse Renewal		0.0		0.0	100%	42.3		0.0	42.3	
Subway Ventillation Shaft Gratings	100%	6.0		0.0		0.0		0.0	6.0	
Industrial Facility Reqs	50%	0.6	35%	0.4	15%	0.2		0.0	1.2	
Office Space Mgt/Renewal	50%	2.4	35%	1.6	15%	0.7		0.0	4.7	
Building Facility Renewal	50%	4.9	35%	3.4	15%	1.5		0.0	9.7	
Bus Garage Renewal		0.0	100%	20.4		0.0		0.0	20.4	
Subway Carhouse Renewal	100%	10.3		0.0		0.0		0.0	10.3	
Subway Facility Renewal	100%	56.9		0.0		0.0		0.0	56.9	
Duncan Shop Ventillation		0.0	100%	31.0		0.0		0.0	31.0	
Skylight Replacements	33%	7.6	33%	7.6	33%	7.6		0.0	22.8	
Wilson Yard Fire Main Replacement	100%	19.4		0.0		0.0		0.0	19.4	
ITS Backup Centres	50%	13.2	35%	9.2	15%	4.0		0.0	26.4	
Rebuild Pendant Power Davisville	100%	21.1		0.0		0.0		0.0	21.1	
Halon Protection Syst Repl	50%	1.4	35%	0.9	15%	0.4		0.0	2.7	
Emergency Bkup Power Systems	50%	0.7	35%	0.5	15%	0.2		0.0	1.3	
Wheel Trans Facility Renewal		0.0		0.0		0.0	100%	1.1	1.1	
Surface Way Buildings		0.0		0.0	100%	26.6		0.0	26.6	
Electrical Substation Upgrades	60%	0.5		0.0	40%	0.4		0.0	0.9	
McBrien Building Reno	50%	1.1	35%	0.7	15%	0.3		0.0	2.1	
End of Line Cleaning	100%	1.4		0.0		0.0		0.0	1.4	
Relief Line S Preliminary Planning	100%	0.6		0.0		0.0		0.0	0.6	
Yonge Subway Xtn Prelim Planning	100%	0.7		0.0		0.0		0.0	0.7	
Yonge-Bloor Capacity	100%	2.6		0.0		0.0		0.0	2.6	
Wilson Garage Ventillation		0.0	100%	48.8		0.0		0.0	48.8	
Backflow Preventers	50%	12.1	35%		15%	3.6		0.0	24.1	
Station Capacity Study	100%	0.2						0.0	0.2	
Platform Edge Doors Study	100%	0.8						0.0	0.8	
New Subway Mtce Facil (Property)	100%	120.0						0.0	120.0	
Wheel-Trans 10 Yr Transformation							100%	39.3	39.3	
Stations Transformation	100%								39.7	
Bus Mtce Facility (Study)	0%	0.0	100%	4.0	0%	0.0		0.0	4.0	
		70%	1149.53	17%	285.43	7%	111.6	2%	40.40	1635.10
Capacity to Spend Adjustment			-15.12		-3.75		-1.47		-0.53	-21.50
B&S Net			1134.42		281.67		110.12		39.87	1613.60

TTC 2018-2027 Ten Year Capital Plan	Subway		Bus		Streetcar		Wheel Trans		Total
	Share	\$m	Share	\$m	Share	\$m	Share	\$m	\$m
Unfunded Reductions									
Fire Ventillation	100%	162.1							162.1
Purchase 40ft Diesel Buses SOGR		0.0	100%	187.6		0.0		0.0	187.6
Purchase 40ft Diesel Buses SI		0.0	100%	83.0		0.0		0.0	83.0
New Subway Cars T1 Replacements	100%	1411.2		0.0		0.0		0.0	1411.2
Subway Ridership Growth	100%	69.8							69.8
Streetcar Ridership Growth		0.0		0.0	100%	361.8		0.0	361.8
Total Within Base Budget	72%	1643.10	12%	270.60	16%	361.80	0%	0.00	2275.50
Unfunded Not in Base Budget									
Hillcrest Track Replacement/Expansion						100%	4.3		4.3
Asset Inventory Mgt & GIS Mapping	50%	0.5	35%	0.4	15%	0.2			1.0
TEU In-Car Cameras & Video Mgt Syst	50%	0.1	35%	0.1	15%	0.0			0.2
Station Tactile Wayfinding Upgrade	100%	15.2							15.2
Beacon Wayfinding	100%	0.2							0.2
All Garages Welding Ventillation Upgrade			100%	7.5					7.5
CNG Facility Upgrades			100%	96.6					96.6
Davenport Garage Renewal			100%	93.0					93.0
Warden Redevelopment	100%	71.4							71.4
Hazardous Waste Storage Study	50%	0.5	35%	0.4	15%	0.2			1.0
Redundant Elevator Study	100%	0.6							0.6
Greenwood Shop End of Life Replacement	100%	52.4							52.4
Subway Bus Platform Vent Equip Repl	50%	9.8	50%	9.8					19.5
Purchase of 549 LF Diesel Buses			100%	612.5					612.5
New Bus Technologies			100%	25.0					25.0
Purchase of 60 WT Buses for Comm Rtes							100%	18.3	18.3
EAM Implementation	50%	11.4	35%	8.0	15%	3.4			22.8
Sharepoint SOGR	50%	2.8	35%	1.9	15%	0.8			5.5
Biztalk Server SOGR	50%	0.6	35%	0.4	15%	0.2			1.1
Enterprise Data SOGR	50%	1.0	35%	0.7	15%	0.3			1.9
Budget Tracking App for Service Planning	50%	0.2	35%	0.1	15%	0.0			0.3
Total	16%	166.5	82%	856.2	1%	9.4	2%	18.3	1050.3
Unfunded Scope Changes									
Replacement Lighting for Bldgs/Shops	40%	0.3	50%	0.4	10%	0.1			0.8
Skylights Replacement	100%	6.5		0.0		0.0			6.5
Fire Ventillation Upgrade	100%	60.0		0.0		0.0			60.0
Wheel Trans Facility Renewal		0.0		0.0		0.0	100%	1.3	1.3
Yonge Bloor Capacity Improvements	100%	4.0		0.0		0.0			4.0
Subway Stn Fire Alarm Mods	100%	7.2		0.0		0.0			7.2
Subway Finish Renewal	100%	3.5		0.0		0.0			3.5
Elevator Overhaul	100%	3.4		0.0		0.0			3.4
Elevator Replacement	100%	22.4		0.0		0.0			22.4
Subway Pump Replacement	100%	0.6		0.0		0.0			0.6
LRV Carhouse Facility Renewal		0.0		0.0	100%	14.8			14.8
Industrial Facility Requirements	50%	0.3	35%	0.2	15%	0.1			0.6
Bus Garage/Shops Facility Renewal		0.0	100%	1.5		0.0			1.5
Building Facility Renewal	50%	0.9	35%	0.6	15%	0.3			1.8
Total	85%	109.1	2%	2.7	12%	15.2	1%	1.3	128.4

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	Share	\$m	Share	\$m	Share	\$m	Share	\$m	\$m	
Projects for Future Consideration										
Transit Shelters & Loops		0.0	85%	6.1	15%	1.1			7.2	
Lighting in Subway Open Cut	100%	71.6		0.0		0.0			71.6	
Surface AC and Lighting Upgrade		0.0	85%	1.5	15%	0.3			1.8	
Station Modernization Program	100%	120.0		0.0		0.0			120.0	
Islington Station Improvements	100%	78.8		0.0		0.0			78.8	
Electrical Substn Upgd/Leak Remediation	80%	1.7		0.0	20%	0.4			2.1	
New Davisville Facility Desgn & Const	100%	316.6		0.0		0.0			316.6	
Yonge Bloor Capacity Improvements	100%	1026.5		0.0		0.0			1026.5	
Platform Edge Doors - YUS	100%	347.7		0.0		0.0			347.7	
Park Lawn Loop		0.0		0.0	100%	19.1			19.1	
Commuter Parking Expansion	100%	9.7		0.0		0.0			9.7	
New Shelters		0.0	85%	12.6	15%	2.2			14.8	
McBrien Bldg Renovations	50%	13.3	35%	9.3	15%	4.0			26.5	
BRT on Yonge from Finch to Steeles		0.0	100%	30.1		0.0			30.1	
New Transit Control Centre	50%	50.0	35%	35.0	15%	15.0			100.0	
Culverts & East Don River Bridge	100%	28.0		0.0		0.0			28.0	
Flash Butt Mobile Welding Car	100%	7.0		0.0		0.0			7.0	
Rail String Threading Car	100%	7.0		0.0		0.0			7.0	
Total		94%	2077.8	4%	94.6	2%	42.1	0%	0.0	2214.5