STAFF REPORT
ACTION REQUIRED

2017-2026 TTC Capital Budget

Date:	November 21, 2016
To:	TTC Board
From:	TTC Budget Committee

Summary

The proposed 2017-2026 Capital Budget has been prepared consistent with the Commission's Five Year Corporate Plan. Highlights of the proposed 2017-2026 Capital Budget include:

- $1.561 billion is planned for 2017 for the base capital program. Based on current funding assumptions, there is sufficient funding available to cover the 2017 budgeted expenditures.

- $9.44 billion is forecasted as the overall requirement for the base capital program for the ten years from 2017 to 2026; however, based on current funding assumptions, there is a $2.0 billion funding shortfall over that time frame.

- Under the new Federal Public Transit Infrastructure Fund (PTIF) program, funding of up to $1.712 billion is available to the City of Toronto/TTC for transit upgrades and improvements (based on a 50/50 funding split between the Federal Government and the City of Toronto).

- $545 million is required in 2017 and $160 million in 2018 for the construction of the Toronto-York Spadina Subway Extension.

- $125 million is required in 2017 and $3.5 billion from 2017 to 2026 for the construction of the Scarborough Subway Extension.

Attached as Appendix A is the TTC 2017-2026 Capital Budget Program Summary and Appendix E contains the Project Detail Listing (commonly known as the 'Blue Pages').

Recommendations

It is recommended that the Board:

1) Approve the 2017-2026 TTC Capital Budget (including the Toronto-York Spadina Subway Extension and Scarborough Subway Extension) as summarized in Appendix A; noting that there is $2.0 billion of Unfunded Projects.

Implementation Points

This report should be considered in concert with the companion report on the "2017 TTC and Wheel-Trans Operating Budgets".

Financial Summary

The following table highlights the 2017 to 2026 TTC Capital Budget funding Summary:

	($ Billions)
10-Year Base Needs	9.5
Capital Funding Available	7.0
Shortfall	**2.5**
Capacity to Spend Reduction	0.5
Net Unfunded Capital	**2.0**

* ***Note*** : Full PTIF funding is $1.712 b: City $0.349 b, TTC $1.363 b. Of the TTC share of $1.363 b $0.202 b will be received in 2016.

The table demonstrates how critical the Federal Government PTIF program is in funding what was otherwise the TTC 10-Year capital shortfall. A separate report entitled Federal Public Transit Infrastructure Fund (PTIF) is to be presented at the November 21, 2016 Board Meeting. This report sets out the proposed list of projects to which PTIF funding will be applied.

Also, at the September 6, 2016 Budget Committee meeting, a Capacity to Spend Analysis report was presented with a recommendation to endorse the concept of a capacity to spend reduction target to be applied to the 2017-2026 capital budget. The capacity to spend analysis was undertaken on the basis of a preliminary assessment. Subsequent to the September 6th meeting a more in-depth analysis was undertaken. The initial calculation used an assumption of an applied reduction of 15% for the first 4 years (2017-2020) and 10% for the remaining 6 years (2021-2026). The initial reduction also included PTIF projects which are to be completed over the next 2 to 3 years (a request for an additional year will be submitted to Infrastructure Canada for consideration and approval on a number of TTC projects). After consultation with City staff, it was agreed that a capacity to spend reduction can only be applied to non-PTIF ongoing capital

programs. Based on this principle, the total capacity to spend amount was amended to $482 million over the 10 years using an applied reduction of 20% for the first 4 years and 15% for the remaining 6 years. The capacity to spend analysis will be reviewed and updated each year at the time of the preparation of the following year's Capital Budget based on program performance and ability to spend and will be adjusted accordingly. For information, the TTC's average spend rate for the base capital budget between 2011 and 2015 was approximately 69.8% compared to the overall (tax supported) City of Toronto average of 60.1%.

In addition to the Base Program, approximately $0.7 billion will be required over the next two years to complete the Toronto-York Spadina Subway Extension. Also, approximately $3.5 billion is required over the next decade to allow for construction of the Scarborough Subway Extension including $112 million for the life extension of the SRT until the new subway opens and $123 million for SRT decommissioning and demolition.

The order of magnitude for successive 10-Year Capital Budget requests is about the same as shown in Exhibit 1 below.

Exhibit 1

10 - Year Capital Budget Comparison
Base Program
($Billions)

	2014 - 2023 Approved	2015 - 2024 Approved	2016 - 2025 Approved	2017 - 2026 Request
Budget/Request	9.036	9.268	9.316	9.440
Funding Available	6.493	6.901	6.637	7.005 *
Shortfall	2.543	2.367	2.679	2.435 **

Note:
** Includes Federal Public Transit Infrastructure Fund (PTIF) of $1.160 b (gross)*
*** After applying a capacity to spend reduction of $482 m the net shortfall is $1.953 b*

All known or expected current funding sources have been incorporated into this ten-year capital plan for the TTC. Appendix B summarizes the funding sources available over the next decade and compares them to the base capital needs of the system required to keep the existing system in a state-of-good-repair. Appendix C provides a preliminary list of remaining unfunded projects.

The Chief Financial & Administration Officer has reviewed this report and agrees with the financial impact information.

Accessibility/Equity Matters

Under this 10-year Capital Budget, all required capital expenditures needed to make the TTC fully compliant with AODA requirements and to meet TTC equity goals have been fully provided for.

Decision History

The TTC Budget Committee met on September 6th to review progress on the 2017-2026 TTC Capital Budget and on September 21st of this year to review progress on the TTC and Wheel-Trans Operating Budgets and to provide staff with direction on the preparation of those budgets. The links to those meetings are provided below.

http://www.ttc.ca/About_the_TTC/Commission_reports_and_information/Committee_meetings/Budget/2016/September_6/Reports/4._Proposed_2017_-_2026_TTC_CAPITAL_BUDGET_REPORT.pdf

http://www.ttc.ca/About_the_TTC/Commission_reports_and_information/Committee_meetings/Budget/2016/September_21/Reports/1._Preliminary_2017_TTC%20_and_Wheel-Trans_Operating_Budgets.pdf

Details of the Capital Budget have now been updated to reflect the impact of the Public Transit Infrastructure Fund (PTIF) and more current information.

DISCUSSION

2017-2026 CAPITAL BUDGET

The cash flow for each program or project element contained within the proposed 2017-2026 Base Capital Budget is summarized in Appendix A.

Key elements of the $1.561 billion in the base capital budget for 2017 are shown below in Exhibit 2.

Exhibit 2

TTC 2017 BASE CAPITAL BUDGET

		Gross Request ($Millions)		
Vehicles:				
Purchase of Low Floor 40' Diesel Buses		230		
Purchase of Wheel Trans Buses		7		
Purchase of remaining TR Subway Cars		21	**$801**	**51%**
Purchase of 204 ($140M) & 60* ($275M) LRV Cars		415		
Vehicle Overhaul Programs (Bus, WT, Subway, Streetcar)		113		
Other (Non-Revenue Vehicle Purchase & Overhaul)		15		
Infrastructure Projects:				
Track Programs		87		
Electrical Systems		62		
Signal Systems (Incl. Line 1 (YUS) and Line 2 (BD))		78		
Finishes		19		
Equipment		36		
Yards & Roads		13		
Bridges & Tunnels		43		
Building & Structures:				
- Fire Ventilation Upgrade	14		**$760**	**49%**
- Easier Access Phase III	43			
- TR/T1 Rail Yard Accommodation	48			
- McNicoll Bus Garage	15			
- Leslie Barns	20			
- Other Building & Structure Projects	106	246		
Environmental Projects		7		
Information Technology		83		
Other Projects		86		
Total - Base Program Request		**$1,561**		

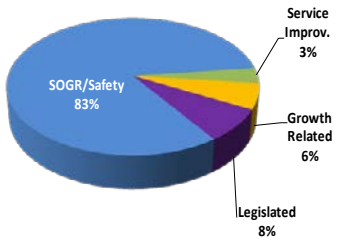
Note: ** Due to funding constraints and the issues surrounding the current LRV order, the additional 60 LRV order is Unfunded*
*** Due to funding constraints, a Capacity to Spend reduction of 20% ($22.5 m) was applied to Ongoing (non-PTIF funded) projects*

Expenditures for the next 10 years from 2017 to 2026 for the base capital budget are in the order of $9.44 billion as shown in Exhibit 3.

Exhibit 3

BASE CAPITAL BUDGET
Ten Year Envelope
By Major Category
($ millions)

	2017	2017-2026	
Legislated	85	725	8%
SOGR/Safety	1,102	7,803	83%
Service Improvement	61	344	3%
Growth Related	313	568	6%
Total	1,561	9,440	100%



As noted above, over $8.5 billion or about 91% of the base capital budget for the ten years is committed to State-of-Good-Repair/Safety and Legislated projects. This represents what is needed to keep the Commission's capital assets in good repair and provides for the orderly replacement of assets at the end of their useful life.

Key elements of the base capital program over the next ten years include:

Vehicle acquisitions:

- ✓ Purchase of Low Floor Buses (replacement and service improvements) ($1,014 million)
- ✓ Wheel Trans Bus replacement ($87 million)
- ✓ Balance of the 420 Toronto Rocket Subway car order ($25 million)
- ✓ Purchase of 372 T1 Subway Car Replacements ($1,185 million)
- ✓ 204 LRVs ($611 million)
- ✓ 60 LRVs to address ridership growth ($361 million)

Building and Infrastructure Projects:

- ✓ McNicoll Bus Garage ($172 million)
- ✓ TR/T1 Rail Yard Accommodation ($341 million)
- ✓ Installation of automatic train control and re-signalling on Line 1 (YUS subway line) ($240 million)
- ✓ Installation of automatic train control and re-signalling on Line 2 (BD subway line) ($300 million)
- ✓ Track replacement ($768 million)
- ✓ Easier Access Phase III ($513 million)
- ✓ Various bridges and tunnels infrastructure rehabilitation ($417 million)
- ✓ TTC Presto and fare and revenue collection and infrastructure needs ($22 million)
- ✓ Upgrading of fire ventilation equipment and second exits in the subway ($284 million)
- ✓ Upgrades to information technology assets ($345 million)
- ✓ Roofing rehabilitation and paving programs ($281 million)
- ✓ Streetcar overhead system rebuild ($58 million)
- ✓ Streetcar network upgrades for new LRVs ($34 million)

In addition to the base capital budget:

- Toronto-York Spadina Subway Extension (TYSSE) - It is projected that expenditures of $705 million will be incurred over the next two years including $545 million in 2017 and $160 million in 2018 and will open in 2017.

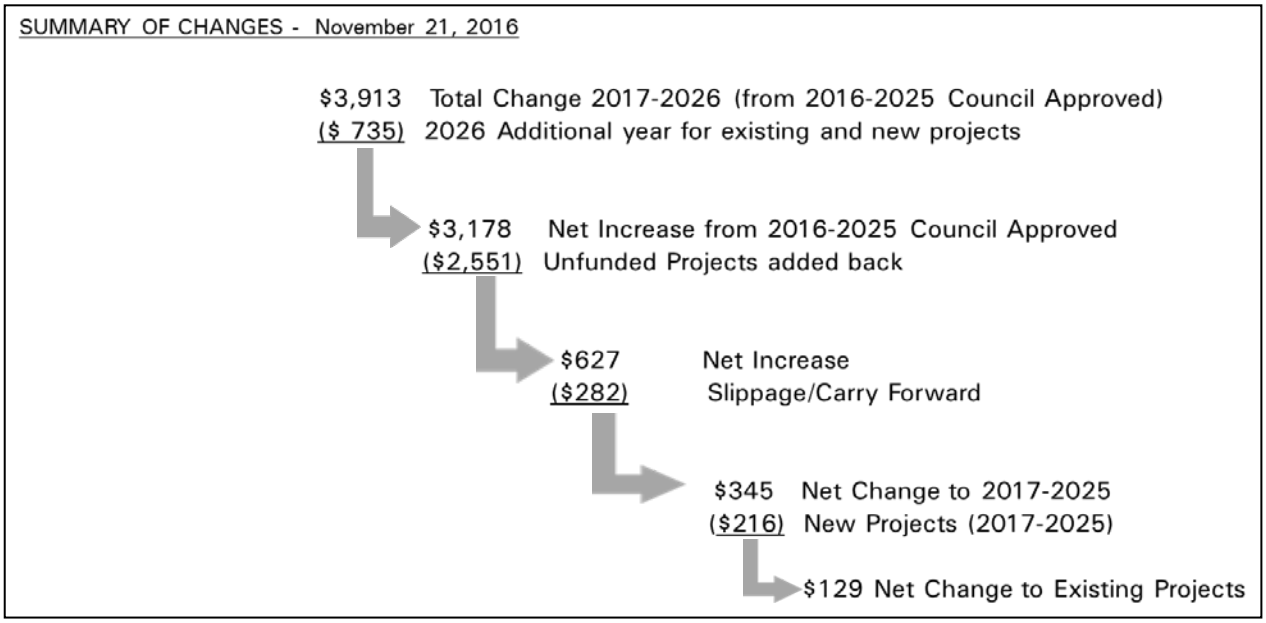
- The Scarborough Subway Extension (SSE) project involves the design and construction of an extension of the Bloor-Danforth subway line, in order to replace the ageing Scarborough RT (SRT). The alignment supported by City Council in October 2013 was to extend the subway approximately 7.5 km north from Kennedy Station, on McCowan Road, with stations at Lawrence, Scarborough Centre and Sheppard Avenue and was budgeted at $3.56

billion. This estimate, which includes $112 million to extend the life of the SRT until the SSE commences operation and a further $123 million to decommission and demolish the SRT, was based on 0% design. At its meeting of July 13, 2016, City Council adopted the concept of an express subway extension from Kennedy to Scarborough Centre. The preferred alignment for the express subway will be identified through the Environmental Assessment. Based on scope confirmation through the EA process, the project budget and schedule will be confirmed as design is developed to the 30% stage, factoring in delivery strategy and risk.

BUDGET COMPARISON

Exhibit 4 shows the changes requested in the base budget from that approved by City of Toronto Council on February 17, 2016.

Exhibit 4



As shown in Exhibit 4, there is a $3.913 billion increase in the years 2017-2026 as compared to City Council approval (of the 2016-2025 Capital Budget):

- For 2026, the new tenth year, the $735 million request relates to existing and new projects including the following:
  - Purchase of 372 subway cars (T1 replacement) ($270 million)
  - Trackwork (subway and surface) ($79 million)
  - Bus Overhaul Program ($72 million)
  - BD ATC Resignalling ($52 million)
  - Bridges & Tunnels ($47 million)
  - IT Systems ($36 million)
  - Traction Power & Power Distribution ($28 million)

- Subway Car Overhaul ($26 million)
- Finishes and Equipment ($25 million)
- Purchase of Buses ($15 million)
- Yard and Roads ($14 million)
- Fire Ventilation ($12 million)
- Streetcar Overhaul ($12 million)
- Communications ($11 million)
- Other Buildings & Structures ($11 million)
- Other Projects ($25 million)

- For 2017-2025, $2.551 billion relates to projects approved by the Board but not funded by City Council as part of the 2016-2025 Capital Budget. These previously unfunded projects are being resubmitted.

  - Purchase of 372 Subway Cars ($915 million)
  - Purchase of buses ($514 million)
  - Purchase of 60 Streetcars (Ridership Growth) ($361 million)
  - Bus Overhaul ($261 million)
  - Fire Ventilation Upgrade ($182 million)
  - Purchase of Wheel Trans buses ($76 million)
  - Subway Track Program ($59 million)
  - Buildings & Structures ($57 million)
  - Surface Track Program ($51 million)
  - Finishes (Roofing Rehab) ($23 million)
  - Traction Power Program ($21 million)
  - On-Grade Paving Rehabilitation Program ($20 million)
  - Equipment ($11 million)

- At the time of writing it is currently estimated that 2016 will be under-spent by $282 million (including $40 million for the 204 LRV order) and these funds will be carried forward to 2017 in order to continue work on previously approved capital projects.

- For 2017-2025 new capital requirements will increase by $216 million for the following:
  - Purchase of buses ($68 million)
  - Stations Transformation ($49 million)
  - Wheel Trans 10 year Transformation Program ($43 million)
  - Rail Non Revenue Vehicle (Purchases and Overhauls) ($28 million)
  - IT Systems and upgrades ($9 million)
  - New Bus Maintenance Facility ($7 million)
  - New Subway Maintenance and Storage Facility ($7 million)
  - Communications Industrial Network Replacement ($5 million)

- For 2017-2025 existing capital requirements will increase by $129 million. The primary source of these changes includes the following:
  - Easier Access III ($119 million)
  - Service Planning ($69 million)
  - Purchase of Buses ($47 million)
  - Skylight Replacement ($27 million)
  - Bus Overhaul ($18 million)
  - Subway Track Rehabilitation ($12 million)
  - Communications ($8 million)
  - Power Distribution ($4 million)
  - Subway Car Overhaul ($3 million)
  - Other Buildings & Structures ($3 million)
  - Rail Non Rev Vehicle Purchase & Overhaul (-$10 million)
  - Information Technology (-$10 million)
  - Auto Non Revenue Vehicle Purchases (-$11 million)
  - Environmental (-$20 million)
  - Streetcar Overhaul (-$27 million)
  - Bridges and Tunnels (-$36 million)
  - Signal Systems (-$53 million)
  - Other (-$14 million)

- The in-service date for the 8.6 km Toronto-York Spadina Subway Extension project is targeted for the end of 2017.

- For the 7.6 km Scarborough Subway Extension project:
  - $3,265 million is required over the next ten years for Scarborough Subway
  - $ 112 million is required for the SRT life extension during this time frame
  - $ 123 million will be required after 2024 for SRT Decommissioning and Demolition

UNFUNDED TTC CAPITAL PROJECTS

The TTC's Base Capital Budget needs over the ten year period 2017-2026 total over $9.44 billion; however, all known sources of funding currently available are about $7.005 billion, thus resulting in a $1.953 billion funding shortfall over this time period after incorporating the announced Federal PTIF funding and the capacity to spend reductions.

Exhibit 5 – 2017-2026 Unfunded Projects

TTC 2017-2026 PROPOSED BUDGET REDUCTIONS ($000s)		
	2017-2026	Decision Date
Finite Projects:		
Fire Ventilation Upgrade	163	2017
Purchase of Buses	244	2017
Purchase of 60 Light Rail Vehicles (LRVs)	361	2017
Purchase of 372 New Subway Cars (T1 replacements)	1,185	2017
TTC 2017-2026 Unfunded Projects	1,953	

Additional Considerations

In considering the base needs and prioritization of our capital budget over the next 10 years, several key issues need to be considered including: AODA compliance by 2025; change in bus life (i.e. 18 years to 12 years); SmartTrack; Downtown Relief Line. Also, other projects for future consideration are not included in the current Capital Budget such as: New Transit Control Centre, Davenport Garage Renewal, Yonge North Subway Extension, Yonge Bloor Capacity Improvements, Platform Edge Doors, New Davisville Facility, New Rail Maintenance Facility.

Long term, stable, sustainable and predictable funding is a must and ongoing strategies to close the funding gap will need to be developed and implemented so that the existing transit network is maintained in a state of good repair and to ensure that the Commission continues to provide efficient, safe and affordable public transit to the residents of the City of Toronto.

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Attachments

Appendix A - 2017-2026 Capital Budget Summary
Appendix B - 2017-2026 Capital Budget Funding Summary
Appendix C – 2017-2026 Proposed Unfunded Projects
Appendix D – Major Contracts to be awarded in 2017
Appendix E – Project Detail Listing: 2017-2026 Capital Budget blue pages

Appendix A

TORONTO TRANSIT COMMISSION
2017-2026 CAPITAL BUDGET SUMMARY
For the Board Meeting on November 21, 2016
$Millions

Programs	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2017 to 2026
Infrastructure Related Programs:											
Tracks:	***87,113***	***97,674***	***75,171***	***73,723***	***77,265***	***69,126***	***70,548***	***66,878***	***71,648***	***78,576***	***767,722***
1.1 Subway Track	34,020	47,870	41,053	44,171	44,858	37,488	38,118	38,855	39,592	40,269	406,294
1.2 Surface Track	53,093	49,804	34,118	29,552	32,407	31,638	32,430	28,023	32,056	38,307	361,428
Signals, Electrical, Communications:	***140,546***	***141,387***	***133,188***	***108,214***	***75,011***	***76,762***	***80,280***	***81,014***	***84,637***	***93,680***	***1,014,719***
2.1 Traction Power	24,743	19,712	17,993	17,939	14,849	14,814	15,734	15,961	18,358	20,223	180,326
2.2 Power Distribution	10,322	10,539	8,637	6,005	6,452	6,460	6,543	6,618	6,865	7,666	76,107
2.3 Communications	27,405	27,072	17,375	9,227	8,862	8,494	8,256	7,335	7,357	11,125	132,508
2.4 Signal Systems	17,727	17,690	13,319	12,071	6,855	4,553	4,111	3,963	2,625	2,734	85,648
2.4 YUS/BD Resignalling	60,349	66,374	75,864	62,972	37,993	42,441	45,636	47,137	49,432	51,932	540,130
Buildings and Structures:	***356,779***	***476,963***	***478,351***	***434,322***	***348,496***	***230,258***	***167,694***	***144,839***	***131,968***	***108,887***	***2,878,557***
3.1 Finishes	18,993	18,560	17,251	17,658	21,887	26,217	10,900	8,841	7,652	9,325	157,284
3.2 Equipment	36,307	43,693	29,948	27,894	23,271	16,304	12,037	11,172	10,862	16,115	227,603
3.3 Yards & Roads	12,847	22,414	24,307	30,046	18,785	19,152	12,295	12,483	12,672	13,528	178,529
3.4 Bridges & Tunnels	42,630	40,821	36,995	36,776	38,701	41,124	42,368	43,784	46,439	47,128	416,766
3.9 Fire Ventilation Upgrade	13,647	18,385	38,707	47,524	56,529	49,845	20,770	13,460	13,561	11,876	284,304
3.9 Easier Access Phase III	42,772	54,584	66,094	76,332	74,489	66,364	56,664	44,702	30,917	-	512,918
3.9 Leslie Barns	20,411	4,500	1,350	-	-	-	-	-	-	-	26,261
3.9 Toronto Rocket Yard & Storage Track Accommodation	47,754	71,703	86,252	90,674	43,685	-	250	250	-	-	340,568
3.9 McNicoll Bus Garage	14,780	39,810	55,590	32,209	29,451		-	-	-		171,840
3.9 Other Buildings & Structures	106,638	162,493	121,857	75,209	41,698	11,252	12,410	10,147	9,865	10,915	562,484
Tooling, Machinery and Equipment	***22,884***	***14,580***	***3,365***	***3,658***	***3,530***	***3,820***	***3,383***	***3,445***	***3,529***	***3,757***	***65,951***
5.1 Shop Equipment	3,480	3,889	1,880	2,280	2,151	2,382	2,000	2,010	1,947	2,151	24,170
5.2 Revenue & Fare Handling Equipment	8,000	1,245	175	250	250	250	250	300	300	300	11,320
5.3 Other Maintenance Equipment	2,613	7,162	1,310	1,128	1,129	1,188	1,133	1,135	1,282	1,306	19,386
5.4 Fare System	8,791	2,284	-	-	-	-	-	-	-	-	11,075
Environmental Issues	***7,122***	***9,695***	***5,465***	***9,321***	***16,527***	***4,475***	***3,900***	***4,000***	***4,100***	***4,200***	***68,805***
6.1 Environmental Program	7,122	9,695	5,465	9,321	16,527	4,475	3,900	4,000	4,100	4,200	68,805
Computer Equipment & Software	***82,871***	***86,179***	***31,085***	***44,228***	***13,613***	***15,113***	***14,852***	***11,969***	***9,120***	***36,317***	***345,347***
7.1 & 7.2 IT Systems/Infrastructure	82,871	86,179	31,085	44,228	13,613	15,113	14,852	11,969	9,120	36,317	345,347
Other:	***62,963***	***22,435***	***5,972***	***5,918***	***5,060***	***2,472***	***2,727***	***2,470***	***2,543***	***2,296***	***114,856***
9.1 Furniture & Office Equipment	491	360	262	683	425	237	492	235	508	261	3,954
9.2 Service Planning	62,472	22,075	5,710	5,235	4,635	2,235	2,235	2,235	2,035	2,035	110,902
Subtotal - Infrastructure Related Programs	**760,278**	**848,913**	**732,597**	**679,384**	**539,502**	**402,026**	**343,384**	**314,615**	**307,545**	**327,713**	**5,255,957**
Vehicle Related Programs:											
4.11 Purchase of Buses	229,981	229,025	137,298	108,783	113,056	97,143	62,465	21,877	-	14,609	1,014,237
4.11 Purchase of Future Wheel Trans	6,920	6,920	7,629	8,010	8,411	8,831	9,273	9,737	10,224	10,735	86,690
4.12 Purchase of Subway Cars	20,968	4,325	524	584	1,523	293,407	161,569	158,376	298,699	270,290	1,210,265
4.13 Bus Overhaul	44,358	43,892	39,521	37,122	34,981	17,833	79,200	75,755	48,287	71,762	492,711
4.15 Streetcar Overhaul	12,515	1,801	-	633	649	422	1,578	2,358	6,198	11,853	38,007
4.16 Subway Car Overhaul	56,089	31,807	29,158	17,437	15,494	13,574	18,426	18,480	24,415	25,896	250,776
4.18 Purchase of Streetcars	415,309	353,791	190,693	11,743	-	-		-	-	-	971,536
4.21 Purchase Non Revenue Vehicles	3,500	3,500	3,700	3,100	3,100	3,300	3,400	2,100	2,100	2,100	29,900
4.22 Rail Non-Revenue Vehicle Overhauls	3,453	3,402	3,401	3,667	4,548	1,795	1,230	534	550	570	23,150
4.23 Purchase Rail Non-Revenue Vehicle	8,073	14,649	16,216	11,690	9,595	4,804	1,992	-	-	-	67,019
Subtotal - Vehicle Related Programs	**801,166**	**693,112**	**428,140**	**202,769**	**191,357**	**441,109**	**339,133**	**289,217**	**390,473**	**407,815**	**4,184,291**
BASE PROGRAM - TOTAL	**1,561,444**	**1,542,025**	**1,160,737**	**882,153**	**730,859**	**843,135**	**682,517**	**603,832**	**698,018**	**735,528**	**9,440,248**
Toronto York Spadina Subway Extension (TYSSE)	**545,057**	**160,255**		**-**	**-**	**-**	**-**	**-**	**-**	**-**	**705,312**
Scarborough Subway Extension (SSE)	**125,194**	**577,963**	**417,160**	**485,175**	**478,466**	**562,384**	**458,681**	**247,581**	**147,633**	**-**	**3,500,237**
TOTAL - BASE, TYSSE & SSE Programs	**2,231,695**	**2,280,243**	**1,577,897**	**1,367,328**	**1,209,325**	**1,405,519**	**1,141,198**	**851,413**	**845,651**	**735,528**	**13,645,797**

Appendix B

2017-2026 Capital Budget Funding Summary*

$Millions

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Total
2017-2026 Proposed Capital Budget Request	1,561	1,542	1,161	882	731	843	683	604	698	736	9,440
Capacity to Spend Budget Reduction	23	43	61	70	45	40	51	49	47	54	482
Net 2017-2026 Proposed Budget Request	1,539	1,499	1,100	813	686	803	632	555	651	682	8,960
Funding Sources											
Provincial Gas Tax	75	75	75	75	75	75	75	75	75	75	752
Canada Strategic Infrastructure Fund (CSIF) - Interest			16								16
Capital Reserve (Metrolinx)		58									58
204 LRV Funding	44	85	58								188
Total Provincial Funding	**120**	**234**	**134**	**75**	**75**	**75**	**75**	**75**	**75**	**75**	**1,014**
Base Federal Gas Tax - 5 cent (population)	160	167	167	167	167	167	167	167	167	167	1,667
Canada Strategic Infrastructure Fund (CSIF)											0
Public Transit Infrastructure Fund (PTIF) - Fed 50%**	307	233	40								580
Total Federal Funding	**467**	**400**	**207**	**167**	**167**	**167**	**167**	**167**	**167**	**167**	**2,247**
TTC Internal (depreciation)	29	26	13	11	12	14	14	11	10	14	156
Other Funding (LRV LDs)	3	2									5
Other Reserves / Funding Partners	2	2	2	2	2	2	2	2	2	2	18
Development Charges	94	98	80	62	65	51	33	33			515
Total Other Funding	**127**	**128**	**94**	**75**	**79**	**67**	**49**	**46**	**12**	**16**	**693**
City Debt Request (including City PTIF)	272	596	491	421	235	65	105	78	84	126	2,473
City Carryforward - Deferred Debt Issued	227										227
City Funding - Reserve Funds (Capital Financing Strategy)	50	70	157	75							352
Total City / Other Funding	**677**	**795**	**742**	**570**	**313**	**132**	**154**	**124**	**96**	**142**	**3,746**
Total Funding	**1,264**	**1,429**	**1,083**	**813**	**556**	**374**	**396**	**367**	**339**	**385**	**7,006**
Funding Shortfall/(Surplus)	**275**	**71**	**16**	**(0)**	**130**	**429**	**236**	**188**	**312**	**297**	**1,953**

**This funding summary is undergoing review with City staff and is subject to change (eg: 2017 includes assumed carry forward debt funding).*

*** **PTIF Funding** - Total Gross Funding announced of $1.712 billion; funding to be split 50% Feds/50% City (TTC identified $1.363 billion and City identified $349 million of projects under this program).*
Of the TTC Gross PTIF funding of $1.712 billion ($856m Feds/$856m City), $202m (gross TTC projects) are anticipated to be claimed in 2016.
Projects included in this program is subject to review and approval from Infrastructure Canada.

TTC 2017-2026 PROPOSED BUDGET REDUCTION
Summary of Changes - Cash Flow by Year
($000s)

PROPOSED UNFUNDED PROJECTS

($000's)		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2017-2026	2016-2025	Decision Date
2017-2026 Gross Budget Request		**1,561,444**	**1,542,025**	**1,160,737**	**882,153**	**730,859**	**843,135**	**682,517**	**603,832**	**698,018**	**735,528**	**9,440,248**	**9,316,221**	
2017-2026 Funding Available		**1,036,443**	**1,413,290**	**1,098,985**	**812,067**	**556,117**	**374,396**	**396,414**	**366,586**	**338,725**	**384,903**	**6,777,926**	**6,437,232**	
2016 Debt Carry Forward		**227,368**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**227,368**	**200,034**	
Funding (Surplus)/Shortfall	**(A)**	**297,633**	**128,735**	**61,752**	**70,086**	**174,742**	**468,739**	**286,103**	**237,246**	**359,293**	**350,625**	**2,434,954**	**2,678,960**	
Capacity to Spend Budget Reduction *	**(D)**	**22,540**	**42,694**	**61,228**	**69,502**	**44,933**	**39,970**	**50,599**	**49,181**	**47,033**	**53,850**	**481,530**	**345,912**	
Net Funding (Surplus)/Shortfall	**(C)**	**275,093**	**86,041**	**524**	**584**	**129,809**	**428,769**	**235,504**	**188,065**	**312,260**	**296,775**	**1,953,424**	**2,333,048**	
2017 to 2026 Proposed Budget Reductions														
Finite Projects:														
3.9 Fire Ventilation Upgrade						53,230	49,845	20,770	13,460	13,561	11,876	**162,742**	181,798	**2017**
4.18 Purchase of 60 Light Rail Vehicles (LRVs)		275,093	85,792									**360,885**	360,885	**2017**
4.12 Purchase of 372 New Subway Cars		-	249	524	584	1,523	293,407	161,569	158,376	298,699	270,290	**1,185,221**	914,931	**2017**
4.11 Purchase of Low Floor 40ft Buses		-	-	-	-	75,056	85,517	53,165	16,229	-	14,609	**244,576**	514,489	**2017**
4.11 Purchase of Future Wheel Trans Buses		-	-	-	-	-	-	-	-	-	-	**-**	100,300	**2017**
4.13 Bus Overhaul		-	-	-	-	-	-	-	-	-	-	**-**	260,645	**2017**
Sub-Total: Finite Projects Unfunded	**(B)**	**275,093**	**86,041**	**524**	**584**	**129,809**	**428,769**	**235,504**	**188,065**	**312,260**	**296,775**	**1,953,424**	**2,333,048**	
TTC 2017-2026 Funding net of Unfunded Projects (surplus)/shortfall	**(E)=(C)-(D)**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	

Note:
* The Capacity to Spend reduction is calculated based on ongoing funded projects. It includes reductions of 20% for the years 2017 to 2020 and 15% for the years 2021 to 2026.

Appendix D

Major Contracts For Board Approval - 2017

Group Name	Project Name/Work Order	Scope of Work (Brief Description)
Contract value between $5M and $25M:		
SI-Program Management	1.1 Subway Track - Subway Track Rehabilitation Program-Davisville Area Rehabilitation Project	Phase one-Complete field work and finalize and issue for tender
SI-Electrical Engineers	2.1 Traction Power - Traction Power Substation-Humber Loop Substation	To construct and build new substation located at Humber Loop.
Rail Cars & Shops	3.9 Fire Ventilation Upgrade	Phase 2 - Water Mist Fire Suppression System
Service Delivery, Bus Maintenance and Shops	Mini bus Procurement	Purchase of 40 Minibuses
Service Delivery, Wheel Trans	Wheel Trans 10-Year Strategy	Scheduling Booking & Dispatch System
Service Delivery, Streetcar Department	Queensway Rehabilitation	Realignment to improve transit and road user flow per City design, SOGR for track
Service Delivery, Streetcar Department	Humber Loop	End-of-life rail replacement, improved service stop and pedestrian walkway
Rail Cars & Shops	4.12 Purchase of Subway Cars	Video Surveillance System Overhaul
Rail Cars & Shops	4.12 Purchase of Subway Cars	AODA Fleet Modification 2017
Rail Cars & Shops	4.12 Purchase of Subway Cars	YMSS Upgrade
Rail Cars & Shops	4.16 Subway Car Overhaul	T1 HVAC Overhaul
EC&E	2.2 Lighting in Open Cut	VICTORIA PARK TO WARDEN SUBWAY LINE OPEN CUT LIGHTING (E60-14)
EC&E	3.9 Skylights Replacement	GLENCAIRN STATION SKYLIGHT REPLACEMENT (A11-5)
EC&E	2.3 Industrial Security Improvements of TTC Properties	ALLEN ROAD FENCE REPLACEMENT - VARIOUS SECTIONS (A60-27)
EC&E	3.3 On-Grade Paving Rehabilitation Program	FINCH STATION WEST LOT ON GRADE PAVING REHABILITATION (Y17-25)
EC&E	3.4 Structural Paving Rehabilitation Program	LESLIE STATION STRUCTURAL REHAB. (SH59-1)
EC&E	3.1 Roofing Rehabilitation Program	LAWRENCE WEST STATION - SKYLIGHT SEALS REPLACEMENT & ROOFING REHABILITATION (G60-133)
EC&E	3.4 Bridges / Structures Maintenance Program	WILSON STATION UPPER BUS LOOP STR. REHAB.(A17-28)
EC&E	3.2 Bus Washracks	LAKESHORE BUS GARAGE - BUS WASHRACKS AND SERVICE LINE FUELLING SYSTEMS UPGRADE (WT1-34)
EC&E	3.9 Fire Ventilation Upgrade -2nd.EXIT	CHESTER STATION - 2ND EXIT COMBINED WITH EA III (D5-16)
EC&E	3.9 Easier Access Phase III	SHERBOURNE STATION ELEVATORS-EASIER ACCESS PHASE III (D45-5)
EC&E	3.9 Easier Access Phase III	WILSON STATION ELEVATORS-EASIER ACCESS PHASE III (A45-10) COMBINED WITH STATION MANAGER OFFICE
EC&E	3.9 Easier Access Phase III	YORKDALE STATION ELEVATOR-EASIER ACCESS PHASE III (A45-17) COMBINED WITH ESCALATOR REPLACEMENT
EC&E	3.9 Easier Access Phase III	RUNNYMEDE STATION ELEVATORS-EASIER ACCESS PHASE III COMBINED WITH MASONRY (W45-4)
EC&E	3.9 Easier Access Phase III	KING STATION ELEVATORS-EASIER ACCESS PHASE III (S45-7)
EC&E	3.9 Easier Access Phase III	WELLESLEY STATION ELEVATORS-EASIER ACCESS PHASE III (S45-8)

Group Name	Project Name/Work Order	Scope of Work (Brief Description)
Contract value between $5M and $25M:		
		Miscellaneous
EC&E	various Capital	MMM G85-335 Construction Services Staff
EC&E	Various Capital	Design Consultants G85-323(A,B,D,E)
		Property
EC&E	3.9 250 Bus Garage - Capital (possibility)	1810 Markham Road Purchase - Capital
EC&E	New Operating Lease - 120 Cartwright (preliminary)	Substations Group (Subway Infrastructure) - 10 year term
IT Services	7.1 SAP ERP Implementation	Managed Services
IT Services	7.1 SAP ERP Implementation	Wave 3 - Finance/AR/AP
IT Services	7.20 IT Infrastructure/Application Management	POAA for Compucom Contract (PC Hardware/Servers) PO expires Dec 31, 2018. To address: requirements for SAP and VISION which were not known at the time the purchase order was originally established, current burn rate and anticipated 2018 budget requirements.
Strategy and Customer Experience (S&SP, Operations Planning)	9.2 Opportunities to Improve Transit Service - Transit Priority Measures	Project management, design, equipment purchases, and construction related to the implementation of queue jump lanes, farside busbays and transit signal priority (may be divided into more than one contract)
Strategy and Customer Experience (S&SP, Service Planning)	9.2 APC expansion to remainder of TTC 40' bus fleet and ALRVs	Expansion of scope from 20% to 100% in retrofitting APC equipment on buses and ALRVs. This requires the purchase of between 600 to 800 APC kits for the 40-foot buses and 30 APC systems for the ALRVs.
Rail Cars & Shops	Scarborough Subway Extension / 6903	SRT Structural Repairs
Rail Cars & Shops	Scarborough Subway Extension / 6914	To purchase ST workcar
EC&E	Scarborough Subway Extension	Geotechnical, Geoenvironmental & Hydrogeological Sevices (FE85-10)
Contract value greater than $25M:		
Service Delivery, Bus Maintenance and Shops	City Bus Procurement / TBD	Purchase of 85 Low Floor 40' buses
Service Delivery, Streetcar Department	60 Option Low Floor Streetcar	Board approval to exercise option to buy additional 60 LFLRVs to meet long term ridership growth and service improvement needs
Strategy and Customer Experience (S&SP, Operations Planning)	9.2 Bus Stop Improvements for Accessibility / WO 6418: Platform Modifications to Accommodate Articulated Buses (combined)	Project management, design, and construction related to bus stop improvements for accessibility and platform modifications to accommodate articulated buses (may be divided into more than one contract)
EC&E	3.9 McNicoll New Bus Garage	McNicoll New Bus Garage (MN1-1)
EC&E	3.9 Wilson Garage Ventilation Upgrades	Wilson Bus Garage - Ventilation Upgrades (C1-41)
Note: Confirmed the Wheel Trans Transformation Board Report will be indentifed under Service Delivery - Wheel Trans submission		

TORONTO TRANSIT COMMISSION
2017-2026 CAPITAL BUDGET
FOR PRESENTATION TO THE BOARD NOVEMBER 21, 2016
($000's)

Appendix E

Category	Resp. Br/Dpt	Type	CTT No.	WO #	DESCRIPTION		CITY to 2015	PROBABLE 2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	POST 2026	2016-2025	2017-2026	EFC
					1.1 Subway Track																	
					Annual Programs																	
SOGR	OPNS	ONGOING	CTT001	6622	Subway/SRT Track Rehabilitation Program	B	69,066	17,248	32,349	17,258	53,137	16,989	17,443	17,804	18,160	22,336	19,095			231,819	214,571	300,885
SOGR	OPNS	ONGOING	CTT001			P	64,552	14,528	15,150	31,900	25,355	26,815	27,190	19,571	19,957	20,354	20,756	21,164	-	221,576	228,212	307,292
	OPNS		CTT001			C	(4,514)	(2,720)	(17,199)	14,642	(27,782)	9,826	9,747	1,767	1,797	(1,982)	1,661	21,164	-	(10,243)	13,641	6,407
SOGR	OPNS	ONGOING	CTT001	6628	Subway/SRT Turnout Rehabilitation Program	B	47,137	8,000	8,500	11,000	11,330	11,670	11,985	12,235	12,480	12,804	13,124			113,128	105,128	160,265
SOGR	OPNS	ONGOING	CTT001			P	40,697	5,470	10,000	10,000	10,000	11,670	11,985	12,235	12,480	12,804	13,124	13,386	-	109,768	117,684	163,851
	OPNS		CTT001			C	(6,440)	(2,530)	1,500	(1,000)	(1,330)	-	-	-	-	-	-	13,386	-	(3,360)	12,556	3,586
					Existing Projects																	
SOGR	OPNS	FINITE	CTT001	7715	MOWIS Upgrade	B	299	205	204	305	314	324	333	340	347	356	366			3,094	2,889	3,393
SOGR	OPNS	FINITE	CTT001			P	249	205	254	305	-	-	-	-	-	-	-	-	-	764	559	1,013
	OPNS		CTT001			C	(50)	-	50	-	(314)	(324)	(333)	(340)	(347)	(356)	(366)	-	-	(2,330)	(2,330)	(2,380)
SOGR	OPNS	ONGOING	CTT001	6260	Subway Rail Grinding	B	2,937	1,525	1,555	1,586	1,618	1,651	1,683	1,717	1,751	1,797	1,842			16,725	15,200	19,662
SOGR	OPNS	ONGOING	CTT001			P	4,303	3,000	5,405	5,496	5,588	5,686	5,683	5,682	5,681	5,697	5,712	5,719	-	53,630	56,349	63,652
	OPNS		CTT001			C	1,366	1,475	3,850	3,910	3,970	4,035	4,000	3,965	3,930	3,900	3,870	5,719	-	36,905	41,149	43,990
SI	OPNS	FINITE	CTT001	6012	YUS Resignalling - Installation of Crossovers	B	13,178	484	-	-	-	-	-	-	-	-	-			484	-	13,662
SI	OPNS	FINITE	CTT001			P	13,758	334	150	-	-	-	-	-	-	-	-	-	-	484	150	14,242
	OPNS		CTT001			C	580	(150)	150	-	-	-	-	-	-	-	-	-	-	-	150	580
SI	OPNS	FINITE	CTT001	6032	Rail Vehicle Based Inspection System	B	5,413	1,206	322	59	-	-	-	-	-	-	-			1,587	381	7,000
SI	OPNS	FINITE	CTT001			P	454	3,206	3,061	169	110	-	-	-	-	-	-	-	-	6,546	3,340	7,000
	OPNS		CTT001			C	(4,959)	2,000	2,739	110	110	-	-	-	-	-	-	-	-	4,959	2,959	-
SOGR	OPNS	ONGOING	CTT001	Various	1.1 Subway Track City Requested Budget Reduction	B	-	-	-	(6,000)	(13,200)	(6,100)	(6,400)	(6,500)	(6,548)	(7,500)	(6,729)			(58,977)	(58,977)	(58,977)
SOGR	OPNS	ONGOING	CTT001			P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	OPNS		CTT001			C	-	-	-	6,000	13,200	6,100	6,400	6,500	6,548	7,500	6,729	-	-	58,977	58,977	58,977
					Sub-Total Subway Track	*SB*	138,030	28,668	42,930	24,208	53,199	24,534	25,044	25,596	26,190	29,793	27,698	-	-	307,860	279,192	445,890
						SP	124,013	26,743	34,020	47,870	41,053	44,171	44,858	37,488	38,118	38,855	39,592	40,269	-	392,768	406,294	557,050
						SC	(14,017)	(1,925)	(8,910)	23,662	(12,146)	19,637	19,814	11,892	11,928	9,062	11,894	40,269	-	84,908	127,102	111,160
					1.2 Surface Track																	
					Annual Programs																	
SOGR	OPNS	ONGOING	CTT002	6715	Surface Track Replacement Program	B	79,592	15,014	46,912	27,899	10,322	17,170	19,335	18,169	18,625	19,335	19,760			212,541	197,527	292,133
SOGR	OPNS	ONGOING	CTT002			P	79,421	14,671	42,924	25,887	10,322	17,170	19,335	18,169	18,625	19,335	19,760	20,155	-	206,198	211,682	305,774
	OPNS		CTT002			C	(171)	(343)	(3,988)	(2,012)	-	-	-	-	-	-	-	20,155	-	(6,343)	14,155	13,641
SOGR	OPNS	ONGOING	CTT002	6716	Surface Special Trackwork Replacement Program	B	73,591	15,913	14,805	14,498	17,686	14,965	13,072	13,469	13,805	14,188	17,796			150,197	134,284	223,788
SOGR	OPNS	ONGOING	CTT002			P	86,646	8,060	10,169	19,917	19,486	12,382	13,072	13,469	13,805	8,688	12,296	18,152	-	131,344	141,436	236,142
	OPNS		CTT002			C	13,055	(7,853)	(4,636)	5,419	1,800	(2,583)	-	-	-	(5,500)	(5,500)	18,152	-	(18,853)	7,152	12,354
					Existing Projects																	
SI	OPNS	FINITE	CTT002	6006	King/Queen/Roncesvalles Modifications	B	-	1,257	-	-	-	-	-	-	-	-	-			1,257	-	1,257
SI	OPNS	FINITE	CTT002			P	-	-	-	4,000	4,310	-	-	-	-	-	-	-	-	8,310	8,310	8,310
	OPNS		CTT002			C	-	(1,257)	-	4,000	4,310	-	-	-	-	-	-	-	-	7,053	8,310	7,053
SOGR	OPNS	FINITE	CTT002	6127	Russell Yard South End Track Improvement	B	6,500	-	-	-	-	-	-	-	-	-	-			-	-	6,500
SOGR	OPNS	FINITE	CTT002			P	753	8,047	-	-	-	-	-	-	-	-	-	-	-	8,047	-	8,800
	OPNS		CTT002			C	(5,747)	8,047	-	-	-	-	-	-	-	-	-	-	-	8,047	-	2,300
SI	OPNS	FINITE	CTT002	6000	Reserved Transit Lanes on St. Clair Avenue	B	55,901	750	-	-	-	-	-	-	-	-	-			750	-	56,651
SI	OPNS	FINITE	CTT002			P	55,654	997	-	-	-	-	-	-	-	-	-	-	-	997	-	56,651
	OPNS		CTT002			C	(247)	247	-	-	-	-	-	-	-	-	-	-	-	247	-	-
SOGR	OPNS	ONGOING	CTT002	Various	1.2 Surface Track City Requested Budget Reduction	B	-	-	-	(8,500)	(5,600)	(6,500)	(6,400)	(6,400)	(6,486)	(6,800)	(7,500)			(54,186)	(54,186)	(54,186)
SOGR	OPNS	ONGOING	CTT002			P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	OPNS		CTT002			C	-	-	-	8,500	5,600	6,500	6,400	6,400	6,486	6,800	7,500	-	-	54,186	54,186	54,186
					Sub-Total Surface Track	*SB*	215,584	32,934	61,717	33,897	22,408	25,635	26,007	25,238	25,944	26,723	30,056	-	-	310,559	277,625	526,143
						SP	222,474	31,775	53,093	49,804	34,118	29,552	32,407	31,638	32,430	28,023	32,056	38,307	-	354,896	361,428	615,677
						SC	6,890	(1,159)	(8,624)	15,907	11,710	3,917	6,400	6,400	6,486	1,300	2,000	38,307	-	44,337	83,803	89,534
					ELECTRICAL SYSTEMS																	
					2.1 Traction Power																	
					Existing Projects																	
SOGR	OPNS	ONGOING	CTT003	6366	Reconstruction of Streetcar Overhead	B	56,751	9,393	9,393	9,393	8,893	8,437	3,952	3,445	3,514	3,584	6,019			66,023	56,630	122,774
SOGR	OPNS	ONGOING	CTT003			P	56,290	9,393	8,393	8,393	7,893	7,437	4,413	3,926	4,011	4,082	4,543	4,600	-	62,484	57,691	123,374
	OPNS		CTT003			C	(461)	-	(1,000)	(1,000)	(1,000)	(1,000)	461	481	497	498	(1,476)	4,600	-	(3,539)	1,061	600
SOGR	OPNS	ONGOING	CTT003	6620	Overhead Pole Replacement	B	40,728	1,983	2,000	711	720	738	748	593	603	614	4,135			12,845	10,862	53,573
SOGR	OPNS	ONGOING	CTT003			P	40,378	2,333	2,000	711	720	738	748	1,043	1,101	1,113	2,688	3,769	-	13,195	14,631	57,342
	OPNS		CTT003			C	(350)	350	-	-	-	-	-	450	498	499	(1,447)	3,769	-	350	3,769	3,769

Category	Resp. Br/Dpt	Type	CTT No.	WO #	DESCRIPTION		CITY to 2015	PROBABLE 2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	POST 2026	2016-2025	2017-2026	EFC
SOGR	OPNS	ONGOING	CTT003	6320	Replace Surface Traction Power Distribution	B	19,328	869	727	603	561	500	500	580	580	529	1,898			7,347	6,478	26,675
SOGR	OPNS	ONGOING	CTT003			P	18,773	1,424	727	603	561	500	500	673	944	971	999	1,029	-	7,902	7,507	27,704
	OPNS		CTT003			C	(555)	555	-	-	-	-	-	93	364	442	(899)	1,029	-	555	1,029	1,029
SOGR	OPNS	ONGOING	CTT003	6667	Substation Electrical Rebuild	B	34,148	3,846	4,043	3,703	3,703	3,703	3,729	3,729	4,000	4,000	4,200			38,656	34,810	72,804
SOGR	OPNS	ONGOING	CTT003			P	33,835	4,159	4,043	3,703	3,703	3,703	3,729	3,729	4,000	4,000	4,200	4,700	-	38,969	39,510	77,504
	OPNS		CTT003			C	(313)	313	-	-	-	-	-	-	-	-	-	4,700	-	313	4,700	4,700
SOGR	OPNS	ONGOING	CTT003	7633	Replace Rectifier Transformers	B	16,792	1,705	1,852	1,792	1,846	1,895	1,946	1,898	2,051	2,103	2,158			19,246	17,541	36,038
SOGR	OPNS	ONGOING	CTT003			P	16,492	2,005	1,500	1,500	1,500	1,895	1,946	1,898	2,051	2,103	2,158	2,215	-	18,556	18,766	37,263
	OPNS		CTT003			C	(300)	300	(352)	(292)	(346)	-	-	-	-	-	-	2,215	-	(690)	1,225	1,225
SOGR	OPNS	ONGOING	CTT003	6147	Electrolysis Control	B	10,086	390	405	420	450	469	488	466	510	525	540			4,663	4,273	14,749
SOGR	OPNS	ONGOING	CTT003			P	9,813	663	405	420	450	469	488	466	510	525	540	550	-	4,936	4,823	15,299
	OPNS		CTT003			C	(273)	273	-	-	-	-	-	-	-	-	-	550	-	273	550	550
SOGR	OPNS	ONGOING	CTT003	6330	Electrolysis Control - Streetcar	B	-	130	135	140	150	156	162	183	170	175	180			1,581	1,451	1,581
SOGR	OPNS	ONGOING	CTT003			P	-	130	135	140	150	156	162	183	170	175	180	186	-	1,581	1,637	1,767
	OPNS		CTT003			C	-	-	-	-	-	-	-	-	-	-	-	186	-	-	186	186
SOGR	OPNS	ONGOING	CTT003	7501	Modification of DC Feeder Measuring Circuitry	B	5,047	770	786	786	809	809	834	852	884	900	900			8,330	7,560	13,377
SOGR	OPNS	ONGOING	CTT003			P	5,016	801	786	786	809	809	834	852	884	900	900	950	-	8,361	8,510	14,327
	OPNS		CTT003			C	(31)	31	-	-	-	-	-	-	-	-	-	950	-	31	950	950
SOGR	OPNS	ONGOING	CTT003	7635	Replace LV Feeder Cables	B	3,285	260	270	270	280	280	279	280	290	290	300			2,799	2,539	6,084
SOGR	OPNS	ONGOING	CTT003			P	3,017	260	270	270	280	280	279	280	290	290	300	300	-	2,799	2,839	6,116
	OPNS		CTT003			C	(268)	-	-	-	-	-	-	-	-	-	-	300	-	-	300	32
SOGR	OPNS	ONGOING	CTT003	6072	Alternate Feeds for Intersections	B	2,226	607	611	617	623	639	645	651	657	663	670			6,383	5,776	8,609
SOGR	OPNS	ONGOING	CTT003			P	1,281	1,552	561	567	573	589	595	601	607	613	620	631	-	6,878	5,957	8,790
	OPNS		CTT003			C	(945)	945	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	631	-	495	181	181
SOGR	OPNS	ONGOING	CTT003	6082	Rebuild TTC Cable Chambers	B	3,731	219	219	227	264	264	274	274	274	280	320			2,615	2,396	6,346
SOGR	OPNS	ONGOING	CTT003			P	2,627	812	219	227	264	264	274	274	274	280	320	365	-	3,208	2,761	6,200
	OPNS		CTT003			C	(1,104)	593	-	-	-	-	-	-	-	-	-	365	-	593	365	(146)
SOGR	OPNS	ONGOING	CTT003	6778	Rebuild TTC Cable Chambers - Surface Roadway	B	-	445	445	462	536	536	556	556	556	570	570			5,232	4,787	5,232
SOGR	OPNS	ONGOING	CTT003			P	-	445	445	462	536	536	556	556	556	570	570	582	-	5,232	5,369	5,814
	OPNS		CTT003			C	-	-	-	-	-	-	-	-	-	-	-	582	-	-	582	582
SOGR	OPNS	ONGOING	CTT003	6084	Replace Diode Section Insulators	B	2,177	318	320	322	324	333	335	337	339	341	421			3,390	3,072	5,567
SOGR	OPNS	ONGOING	CTT003			P	1,640	855	300	302	304	313	325	333	336	339	340	346	-	3,747	3,238	5,733
	OPNS		CTT003			C	(537)	537	(20)	(20)	(20)	(20)	(10)	(4)	(3)	(2)	(81)	346	-	357	166	166
SOGR	OPNS	FINITE	CTT003	6108	Traction Power Substations	B	2,813	4,090	762	1,286	473	-	-	-	-	-	-			6,611	2,521	9,424
SOGR	OPNS	FINITE	CTT003			P	1,566	771	4,959	1,628	250	250	-	-	-	-	-	-	-	7,858	7,087	9,424
	OPNS		CTT003			C	(1,247)	(3,319)	4,197	342	(223)	250	-	-	-	-	-	-	-	1,247	4,566	-
SOGR	OPNS	ONGOING	CTT003	Various	2.1 Traction Power City Requested Budget Reduction	B	-	-	-	(3,200)	(4,000)	(3,800)	(2,900)	(2,800)	(2,886)	(2,915)	(4,500)			(27,001)	(27,001)	(27,001)
SOGR	OPNS	ONGOING	CTT003			P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	OPNS		CTT003			C	-	-	-	3,200	4,000	3,800	2,900	2,800	2,886	2,915	4,500	-	-	27,001	27,001	27,001
					Sub-Total Traction Power	*SB*	197,112	25,025	21,968	17,532	15,632	14,959	11,548	11,044	11,542	11,659	17,811	-	-	158,720	133,695	355,832
						SP	190,728	25,603	24,743	19,712	17,993	17,939	14,849	14,814	15,734	15,961	18,358	20,223	-	185,706	180,326	396,657
						SC	(6,384)	578	2,775	2,180	2,361	2,980	3,301	3,770	4,192	4,302	547	20,223	-	26,986	46,631	40,825
				2.2 Power Distribution/Electric Systems																		
					Existing Projects																	
SOGR	OPNS	ONGOING	CTT005	6540	Replace Lighting & Receptacles in Tunnels / Vent Shafts	B	11,270	706	795	679	689	689	704	564	600	640	675			6,741	6,035	18,011
SOGR	OPNS	ONGOING	CTT005			P	10,627	600	610	620	630	640	650	660	670	680	690	700	-	6,450	6,550	17,777
	OPNS		CTT005			C	(643)	(106)	(185)	(59)	(59)	(49)	(54)	96	70	40	15	700	-	(291)	515	(234)
SOGR	EC&E	FINITE	CTT005	7507	Replacement Lighting for Buildings / Garages/Shops/Carhouses	B	11,015	664	1,267	1,387	1,152	-	-	-	-	-	-			4,470	3,806	15,485
SOGR	EC&E	FINITE	CTT005			P	10,993	342	1,311	1,387	1,352	100	-	-	-	-	-	-	-	4,492	4,150	15,485
	EC&E		CTT005			C	(22)	(322)	44	-	200	100	-	-	-	-	-	-	-	22	344	-
SOGR	EC&E	FINITE	CTT005	6960	Station Security Lighting Upgrades	B	2,124	358	230	596	550	80	-	-	-	-	-			1,814	1,456	3,938
SOGR	EC&E	FINITE	CTT005			P	2,199	336	240	562	521	80	-	-	-	-	-	-	-	1,739	1,403	3,938
	EC&E		CTT005			C	75	(22)	10	(34)	(29)	-	-	-	-	-	-	-	-	(75)	(53)	-
SOGR	EC&E	FINITE	CTT005	6174	Emergency Lighting - Substations	B	2,563	60	-	6	13	60	79	-	-	-	-			218	158	2,781
SOGR	EC&E	FINITE	CTT005			P	2,573	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,573
	EC&E		CTT005			C	10	(60)	-	(6)	(13)	(60)	(79)	-	-	-	-	-	-	(218)	(158)	(208)
SOGR	OPNS	ONGOING	CTT005	6533	Subway/Substation Lighting Replacement	B	8,294	645	645	655	670	680	695	705	725	725	750			6,895	6,250	15,189
SOGR	OPNS	ONGOING	CTT005			P	8,289	648	647	646	679	680	695	705	725	725	750	750	-	6,900	7,002	15,939
	OPNS		CTT005			C	(5)	3	2	(9)	9	-	-	-	-	-	-	750	-	5	752	750

Category	Resp. Br/Dpt	Type	CTT No.	WO #	DESCRIPTION		CITY to 2015	PROBABLE 2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	POST 2026	2016-2025	2017-2026	EFC
SOGR	OPNS	ONGOING	CTT005	6029	Replace Subway Station Breakers	B	8,975	533	543	610	620	620	620	620	620	620	650			6,056	5,523	15,031
SOGR	OPNS	ONGOING	CTT005			P	8,980	686	674	610	620	620	620	620	620	487	494	750	-	6,051	6,115	15,781
	OPNS		CTT005			C	5	153	131	-	-	-	-	-	-	(133)	(156)	750	-	(5)	592	750
SOGR	OPNS	ONGOING	CTT005	7681	Signal System Back-up Power Supply Rehabilitation	B	7,085	485	300	300	300	300	300	300	300	300	350			3,235	2,750	10,320
SOGR	OPNS	ONGOING	CTT005			P	7,226	344	300	300	300	300	300	300	300	300	350	508	-	3,094	3,258	10,828
	OPNS		CTT005			C	141	(141)	-	-	-	-	-	-	-	-	-	508	-	(141)	508	508
SOGR	OPNS	ONGOING	CTT005	7834	Replace / Rebuild Auxiliary Transformers	B	4,755	462	475	479	480	480	500	506	508	523	535			4,948	4,486	9,703
SOGR	OPNS	ONGOING	CTT005			P	4,683	635	431	435	470	477	500	506	513	523	530	540	-	5,020	4,925	10,243
	OPNS		CTT005			C	(72)	173	(44)	(44)	(10)	(3)	-	-	5	-	(5)	540	-	72	439	540
SOGR	OPNS	ONGOING	CTT005	7255	Replace Electrically Operated Isolating Switches and Switchstands	B	5,182	303	285	284	210	210	210	210	210	210	250			2,382	2,079	7,564
SOGR	OPNS	ONGOING	CTT005			P	5,147	338	285	284	210	210	210	210	210	210	250	322	-	2,417	2,401	7,886
	OPNS		CTT005			C	(35)	35	-	-	-	-	-	-	-	-	-	322	-	35	322	322
SOGR	OPNS	ONGOING	CTT005	7504	Repair / Upgrade Low Voltage Switchboards	B	4,829	520	509	540	550	560	570	580	590	600	610			5,629	5,109	10,458
SOGR	OPNS	ONGOING	CTT005			P	5,006	493	477	490	487	555	570	580	590	600	610	620	-	5,452	5,579	11,078
	OPNS		CTT005			C	177	(27)	(32)	(50)	(63)	(5)	-	-	-	-	-	620	-	(177)	470	620
SOGR	OPNS	ONGOING	CTT005	6536	Battery & Battery Charger Replacement	B	5,594	580	584	696	579	590	602	612	636	648	660			6,187	5,607	11,781
SOGR	OPNS	ONGOING	CTT005			P	5,492	804	588	570	579	590	602	612	636	648	660	725	-	6,289	6,210	12,506
	OPNS		CTT005			C	(102)	224	4	(126)	-	-	-	-	-	-	-	725	-	102	603	725
SOGR	OPNS	ONGOING	CTT005	6804	Subway Track Side Heating Equipment	B	11,499	1,002	620	626	533	375	375	390	400	541	1,171			6,033	5,031	17,532
SOGR	OPNS	ONGOING	CTT005			P	10,769	1,661	950	676	660	437	442	390	400	547	600	600	-	6,763	5,702	18,132
	OPNS		CTT005			C	(730)	659	330	50	127	62	67	-	-	6	(571)	600	-	730	671	600
SOGR	OPNS	ONGOING	CTT005	6205	UPS Replacement	B	3,531	455	465	465	475	475	475	475	475	475	500			4,735	4,280	8,266
SOGR	OPNS	ONGOING	CTT005			P	3,621	365	465	465	475	475	475	475	475	475	500	650	-	4,645	4,930	8,916
	OPNS		CTT005			C	90	(90)	-	-	-	-	-	-	-	-	-	650	-	(90)	650	650
SOGR	OPNS	ONGOING	CTT005	6129	Shorting Switches	B	1,675	316	316	316	316	316	316	317	325	327	972			3,837	3,521	5,512
SOGR	OPNS	ONGOING	CTT005			P	1,841	1,011	441	440	440	571	1,118	1,118	1,118	1,118	1,118	1,118	-	8,493	8,600	11,452
	OPNS		CTT005			C	166	695	125	124	124	255	802	801	793	791	146	1,118	-	4,656	5,079	5,940
SOGR	EC&E	FINITE	CTT005	6617	Lighting in Open Cut	B	1,084	375	2,708	2,847	988	-	-	-	-	-	-			6,918	6,543	8,002
SOGR	EC&E	FINITE	CTT005			P	1,287	315	2,652	2,794	954	-	-	-	-	-	-	-	-	6,715	6,400	8,002
	EC&E		CTT005			C	203	(60)	(56)	(53)	(34)	-	-	-	-	-	-	-	-	(203)	(143)	-
SOGR	OPNS	ONGOING	CTT005	6077	Surface Building UPS Retrofit Program	B	515	50	50	50	50	50	50	50	60	65	73			548	498	1,063
SOGR	OPNS	ONGOING	CTT005			P	497	68	50	50	50	50	50	54	56	65	73	84	-	566	582	1,147
	OPNS		CTT005			C	(18)	18	-	-	-	-	-	4	(4)	-	-	84	-	18	84	84
SI	OPNS	ONGOING	CTT005	6811	Mobile Generators - Connections	B	201	201	201	210	210	220	220	230	230	240	240			2,202	2,001	2,403
SI	OPNS	ONGOING	CTT005			P	191	211	201	210	210	220	220	230	230	240	240	299	-	2,212	2,300	2,702
	OPNS		CTT005			C	(10)	10	-	-	-	-	-	-	-	-	-	299	-	10	299	299
					Sub-Total Power Distribution/ Electric Systems	*SB*	90,191	7,715	9,993	10,746	8,385	5,705	5,716	5,559	5,679	5,914	7,436	-	-	72,848	65,133	163,039
						SP	89,421	8,857	10,322	10,539	8,637	6,005	6,452	6,460	6,543	6,618	6,865	7,666	-	77,298	76,107	174,385
						SC	(770)	1,142	329	(207)	252	300	736	901	864	704	(571)	7,666	-	4,450	10,974	11,346
				2.3 Communications																		
					Existing Projects																	
SOGR	OPNS	ONGOING	CTT006	6003	Video Equipment	B	3,105	1,696	1,420	1,591	1,409	685	695	704	926	939	2,196			12,261	10,565	15,366
SOGR	OPNS	ONGOING	CTT006			P	2,389	855	2,323	1,297	1,365	1,190	1,289	1,148	1,157	1,182	1,194	1,400	-	13,000	13,545	16,789
	OPNS		CTT006			C	(716)	(841)	903	(294)	(44)	505	594	444	231	243	(1,002)	1,400	-	739	2,980	1,423
SOGR	EC&E	FINITE	CTT006	6080	Industrial Security Improvements of TTC Properties	B	7,808	2,116	2,953	2,801	2,860	291	-	-	-	-	-			11,021	8,905	18,829
SOGR	EC&E	FINITE	CTT006			P	9,244	927	2,956	2,702	2,800	200	-	-	-	-	-	-	-	9,585	8,658	18,829
	EC&E		CTT006			C	1,436	(1,189)	3	(99)	(60)	(91)	-	-	-	-	-	-	-	(1,436)	(247)	-
LEGIS	OPNS	FINITE	CTT006	7868	Radio Replacement	B	8,880	3,604	2,253	729	-	-	-	-	-	-	-			6,586	2,982	15,466
LEGIS	OPNS	FINITE	CTT006			P	7,759	1,922	1,983	3,052	750	-	-	-	-	-	-	551	-	7,707	6,336	16,017
	OPNS		CTT006			C	(1,121)	(1,682)	(270)	2,323	750	-	-	-	-	-	-	551	-	1,121	3,354	551
SOGR	OPNS	FINITE	CTT006	6246	Voice Recording System Replacement	B	1,377	125	337	165	130	130	131	345	169	137	167			1,836	1,711	3,213
SOGR	OPNS	FINITE	CTT006			P	1,348	154	337	165	130	-	-	345	169	137	-	-	-	1,437	1,283	2,785
	OPNS		CTT006			C	(29)	29	-	-	-	(130)	(131)	-	-	-	(167)	-	-	(399)	(428)	(428)
SOGR	EC&E	ONGOING	CTT006	6961	Subway Station Fire Alarm Modifications	B	5,664	151	240	369	498	200	-	-	234	250	250			2,192	2,041	7,856
SOGR	EC&E	ONGOING	CTT006			P	5,658	308	357	30	30	40	40	40	40	40	100	500	-	1,025	1,217	7,183
	EC&E		CTT006			C	(6)	157	117	(339)	(468)	(160)	40	40	(194)	(210)	(150)	500	-	(1,167)	(824)	(673)
SOGR	EC&E	ONGOING	CTT006	6962	Building Fire Alarm Upgrades	B	7,410	478	1,116	2,377	2,279	1,497	1,168	1,240	700	700	700			12,255	11,777	19,665
SOGR	EC&E	ONGOING	CTT006			P	7,823	957	688	2,158	2,264	1,347	1,006	1,151	871	700	700	700	-	11,842	11,585	20,365
	EC&E		CTT006			C	413	479	(428)	(219)	(15)	(150)	(162)	(89)	171	-	-	700	-	(413)	(192)	700
SOGR	OPNS	FINITE	CTT006	6229	Subway Station PA System	B	3,853	924	591	608	-	-	-	-	-	-	-			2,123	1,199	5,976
SOGR	OPNS	FINITE	CTT006			P	3,681	369	709	887	330	-	-	-	-	-	-	290	-	2,295	2,216	6,266
	OPNS		CTT006			C	(172)	(555)	118	279	330	-	-	-	-	-	-	290	-	172	1,017	290

Category	Resp. Br/Dpt	Type	CTT No.	WO #	DESCRIPTION		CITY to 2015	PROBABLE 2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	POST 2026	2016-2025	2017-2026	EFC
SOGR	OPNS	ONGOING	CTT006	6004	Cable Replacement	B	1,598	464	494	334	343	355	365	384	403	415	446			4,003	3,539	5,601
SOGR	OPNS	ONGOING	CTT006			P	1,366	362	608	334	343	355	365	384	403	415	446	455	-	4,015	4,108	5,836
	OPNS		CTT006			C	(232)	(102)	114	-	-	-	-	-	-	-	-	455	-	12	569	235
SOGR	OPNS	FINITE	CTT006	6172	Track Level Occupancy Lights	B	1,126	368	518	532	546	553	-	-	-	-	-			2,517	2,149	3,643
SOGR	OPNS	FINITE	CTT006			P	1,119	375	5,110	5,249	472	-	-	-	-	-	-	-	-	11,206	10,831	12,325
	OPNS		CTT006			C	(7)	7	4,592	4,717	(74)	(553)	-	-	-	-	-	-	-	8,689	8,682	8,682
SOGR	OPNS	FINITE	CTT006	6224	FibreOptic Upgrade	B	201	764	1,100	951	1,089	646	-	-	-	-	-			4,550	3,786	4,751
SOGR	OPNS	FINITE	CTT006			P	191	728	1,124	959	1,103	646	-	-	-	-	-	467	-	4,560	4,299	5,218
	OPNS		CTT006			C	(10)	(36)	24	8	14	-	-	-	-	-	-	467	-	10	513	467
SOGR	OPNS	ONGOING	CTT006	6225	Radio System Battery Replacement	B	356	113	117	122	129	133	135	142	148	153	155			1,347	1,234	1,703
SOGR	OPNS	ONGOING	CTT006			P	329	113	117	124	129	134	138	145	151	157	166	208	-	1,374	1,469	1,911
	OPNS		CTT006			C	(27)	-	-	2	-	1	3	3	3	4	11	208	-	27	235	208
SOGR	OPNS	ONGOING	CTT006	6681	SCADA RTU Upgrades	B	1,050	1,601	1,206	569	598	433	455	436	443	449	584			6,774	5,173	7,824
SOGR	OPNS	ONGOING	CTT006			P	595	1,129	1,558	501	425	516	535	551	653	449	584	667	-	6,901	6,439	8,163
	OPNS		CTT006			C	(455)	(472)	352	(68)	(173)	83	80	115	210	-	-	667	-	127	1,266	339
SOGR	EC&E	FINITE	CTT006	6198	Garage / Carhouse Public Address & Intercoms	B	4,101	707	500	726	-	-	-	-	-	-	-			1,933	1,226	6,034
SOGR	EC&E	FINITE	CTT006			P	4,010	406	505	1,113	-	-	-	-	-	-	-	-	-	2,024	1,618	6,034
	EC&E		CTT006			C	(91)	(301)	5	387	-	-	-	-	-	-	-	-	-	91	392	-
SOGR	OPNS	ONGOING	CTT006	6336	Subway Radio Antenna System (SRAS) Overhaul	B	1,650	1,522	1,380	1,778	1,400	1,414	1,366	1,275	1,286	1,297	1,309			14,027	12,505	15,677
SOGR	OPNS	ONGOING	CTT006			P	339	2,438	1,706	2,009	1,313	1,339	1,366	1,275	1,286	1,297	1,309	1,094	-	15,338	13,994	16,771
	OPNS		CTT006			C	(1,311)	916	326	231	(87)	(75)	-	-	-	-	-	1,094	-	1,311	1,489	1,094
SOGR	OPNS	FINITE	CTT006	6379	Passenger Assist Intercom Upgrade (DWA)	B	369	770	834	835	-	-	-	-	-	-	-			2,439	1,669	2,808
SOGR	OPNS	FINITE	CTT006			P	37	143	1,370	814	444	-	-	-	-	-	-	318	-	2,771	2,946	3,126
	OPNS		CTT006			C	(332)	(627)	536	(21)	444	-	-	-	-	-	-	318	-	332	1,277	318
SOGR	OPNS	FINITE	CTT006	6144	SCADA RTU - Surface Properties	B	382	241	247	319	226	-	-	-	-	-	-			1,033	792	1,415
SOGR	OPNS	FINITE	CTT006			P	291	-	147	151	156	161	166	172	171	-	-	-	-	1,124	1,124	1,415
	OPNS		CTT006			C	(91)	(241)	(100)	(168)	(70)	161	166	172	171	-	-	-	-	91	332	-
SOGR	OPNS	ONGOING	CTT006	7724	Emergency Trip System Replacement	B	5,118	137	57	67	70	228	723	2,089	2,109	2,130	2,343			9,953	9,816	15,071
SOGR	OPNS	ONGOING	CTT006			P	5,026	227	81	57	60	226	723	1,834	1,854	1,875	2,088	2,563	-	9,025	11,361	16,614
	OPNS		CTT006			C	(92)	90	24	(10)	(10)	(2)	-	(255)	(255)	(255)	(255)	2,563	-	(928)	1,545	1,543
SOGR	OPNS	FINITE	CTT006	6037	SCADA Master Replacement	B	2,192	1,711	1,215	-	-	-	-	-	-	-	-			2,926	1,215	5,118
SOGR	OPNS	FINITE	CTT006			P	1,644	2,140	1,334	-	-	-	-	-	-	-	-	365	-	3,474	1,699	5,483
	OPNS		CTT006			C	(548)	429	119	-	-	-	-	-	-	-	-	365	-	548	484	365
SOGR	OPNS	FINITE	CTT006	6380	McBrien Building Radio Relocation	B	14	17	63	805	2,211	-	-	-	-	-	-			3,096	3,079	3,110
SOGR	OPNS	FINITE	CTT006			P	8	23	63	805	2,211	-	-	-	-	-	-	-	-	3,102	3,079	3,110
	OPNS		CTT006			C	(6)	6	-	-	-	-	-	-	-	-	-	-	-	6	-	-
SOGR	OPNS	FINITE	CTT006	6378	System Integration with ITS	B	193	189	112	-	-	-	-	-	-	-	-			301	112	494
SOGR	OPNS	FINITE	CTT006			P	21	310	163	-	-	-	-	-	-	-	-	-	-	473	163	494
	OPNS		CTT006			C	(172)	121	51	-	-	-	-	-	-	-	-	-	-	172	51	-
SOGR	OPNS	FINITE	CTT006	6694	Train Door Monitoring	B	4,085	4,522	3,620	-	-	-	-	-	-	-	-			8,142	3,620	12,227
SOGR	OPNS	FINITE	CTT006			P	1,346	2,149	2,029	2,121	1,539	723	737	752	767	340	-	334	-	11,157	9,342	12,837
	OPNS		CTT006			C	(2,739)	(2,373)	(1,591)	2,121	1,539	723	737	752	767	340	-	334	-	3,015	5,722	610
SOGR	OPNS	FINITE	CTT006	6695	Turnback Locations	B	298	220	-	-	-	-	-	-	-	-	-			220	-	518
SOGR	OPNS	FINITE	CTT006			P	69	57	220	172	-	-	-	-	-	-	-	-	-	449	392	518
	OPNS		CTT006			C	(229)	(163)	220	172	-	-	-	-	-	-	-	-	-	229	392	-
SI	OPNS	FINITE	CTT006	6638	Commuter Parking Lots CCTV	B	33	269	-	-	-	-	-	-	-	-	-			269	-	302
SI	OPNS	FINITE	CTT006			P	43	-	259	-	-	-	-	-	-	-	-	-	-	259	259	302
	OPNS		CTT006			C	10	(269)	259	-	-	-	-	-	-	-	-	-	-	(10)	259	-
SOGR	OPNS	ONGOING	CTT006	6241	Data Links	B	539	81	81	82	83	84	86	88	89	91	96			861	780	1,400
SOGR	OPNS	ONGOING	CTT006			P	490	86	86	87	88	89	91	93	94	96	100	121	-	910	945	1,521
	OPNS		CTT006			C	(49)	5	5	5	5	5	5	5	5	5	4	121	-	49	165	121
SOGR	OPNS	FINITE	CTT006	6251	Elevator/Escalator Remote Monitoring System	B	5,789	567	558	378	-	-	-	-	-	-	-			1,503	936	7,292
SOGR	OPNS	FINITE	CTT006			P	5,496	1,183	1,000	1,483	-	-	-	-	-	-	-	330	-	3,666	2,813	9,492
	OPNS		CTT006			C	(293)	616	442	1,105	-	-	-	-	-	-	-	330	-	2,163	1,877	2,200
SOGR	OPNS	FINITE	CTT006	6239	Communication System Security Risk Study and Implementation	B	237	59	77	-	-	-	-	-	-	-	-			136	77	373
SOGR	OPNS	FINITE	CTT006			P	198	59	116	-	-	-	-	-	-	-	-	-	-	175	116	373
	OPNS		CTT006			C	(39)	-	39	-	-	-	-	-	-	-	-	-	-	39	39	-
SOGR	OPNS	FINITE	CTT006	6161	Radio Antenna Modifications	B	1,087	275	-	-	-	-	-	-	-	-	-			275	-	1,362
SOGR	OPNS	FINITE	CTT006			P	1,027	6	329	-	-	-	-	-	-	-	-	-	-	335	329	1,362
	OPNS		CTT006			C	(60)	(269)	329	-	-	-	-	-	-	-	-	-	-	60	329	-
SOGR	OPNS	FINITE	CTT006	6777	Prince Edward Viaduct Pier Rehabilitation: Cable Replacement	B	2,238	694	-	-	-	-	-	-	-	-	-			694	-	2,932
SOGR	OPNS	FINITE	CTT006			P	2,164	768	-	-	-	-	-	-	-	-	-	-	-	768	-	2,932
	OPNS		CTT006			C	(74)	74	-	-	-	-	-	-	-	-	-	-	-	74	-	-

Category	Resp. Br/Dpt	Type	CTT No.	WO #	DESCRIPTION		CITY to 2015	PROBABLE 2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	POST 2026	2016-2025	2017-2026	EFC
SOGR	OPNS	FINITE	CTT006	6851	AODA Compliance Upgrades	B	25	25	-	-	-	-	-	-	-	-	-			25	-	50
SOGR	OPNS	FINITE	CTT006			P	15	35	-	-	-	-	-	-	-	-	-	-	-	35	-	50
	OPNS		CTT006			C	(10)	10	-	-	-	-	-	-	-	-	-	-	-	10	-	-
SOGR	OPNS	FINITE	CTT006	TBD	ICS Replacement	B	-	-	-	273	877	1,697	1,823	-	-	-	-			4,670	4,670	4,670
SOGR	OPNS	FINITE	CTT006			P	-	-	-	273	877	1,697	1,823	-	-	-	-	-	-	4,670	4,670	4,670
	OPNS		CTT006			C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					New Projects																	
SOGR	OPNS	ONGOING	CTT006	New	Communications Industrial Network Replacement	B	-	-	-	-	-	-	-	-	-	-	-			-	-	-
SOGR	OPNS	ONGOING	CTT006			P	-	-	127	529	546	564	583	604	640	647	670	762	-	4,910	5,672	5,672
	OPNS		CTT006			C	-	-	127	529	546	564	583	604	640	647	670	762	-	4,910	5,672	5,672
					Sub-Total Communications	*SB*	70,778	24,410	21,089	16,411	14,748	8,346	6,947	6,703	6,507	6,561	8,246	-	-	119,968	95,558	190,746
						SP	63,726	18,229	27,405	27,072	17,375	9,227	8,862	8,494	8,256	7,335	7,357	11,125	-	139,612	132,508	214,463
						SC	(7,052)	(6,181)	6,316	10,661	2,627	881	1,915	1,791	1,749	774	(889)	11,125	-	19,644	36,950	23,717
				2.4 Signal Systems																		
					Existing Projects																	
SOGR	OPNS	FINITE	CTT142	7733	YUS ATC Resignalling	B	261,214	56,330	69,079	65,580	58,856	30,969	20,807	-	-	-	-			301,622	245,292	562,836
SOGR	OPNS	FINITE	CTT142			P	266,363	56,330	60,149	66,174	63,275	42,515	8,030	-	-	-	-	-	-	296,473	240,143	562,836
	OPNS		CTT142			C	5,149	-	(8,930)	594	4,419	11,546	(12,777)	-	-	-	-	-	-	(5,149)	(5,149)	0
SOGR	OPNS	FINITE	CTT142	6286	Bloor-Danforth ATC Resignalling	B	200	1,500	14,562	24,854	27,362	29,812	30,631	38,923	43,338	48,999	40,506			300,487	298,987	300,687
SOGR	OPNS	FINITE	CTT142			P	188	500	200	200	12,589	20,457	29,963	42,441	45,636	47,137	49,432	51,932	130,790	248,555	299,987	431,465
	OPNS		CTT142			C	(12)	(1,000)	(14,362)	(24,654)	(14,773)	(9,355)	(668)	3,518	2,298	(1,862)	8,926	51,932	130,790	(51,932)	1,000	130,778
SOGR	OPNS	ONGOING	CTT008	6610	Switch Machine Replacement / Refurbishment	B	18,296	837	854	787	812	682	665	680	696	715	714			7,442	6,605	25,738
SOGR	OPNS	ONGOING	CTT008			P	18,066	378	1,084	1,018	810	682	665	680	696	715	714	768	-	7,442	7,832	26,276
	OPNS		CTT008			C	(230)	(459)	230	231	(2)	-	-	-	-	-	-	768	-	-	1,227	538
SOGR	OPNS	FINITE	CTT008	6616	Subway Signal System Alterations	B	14,941	1,505	1,219	1,222	648	-	-	-	-	-	-			4,594	3,089	19,535
SOGR	OPNS	FINITE	CTT008			P	14,816	960	1,219	1,222	1,318	-	-	-	-	-	-	-	-	4,719	3,759	19,535
	OPNS		CTT008			C	(125)	(545)	-	-	670	-	-	-	-	-	-	-	-	125	670	-
SOGR	OPNS	ONGOING	CTT008	7044	Streetcar Trackswitch & Controllers Rehabilitation & Replacement	B	2,631	2,958	2,913	3,987	2,022	845	-	-	-	-	-			12,725	9,767	15,356
SOGR	OPNS	ONGOING	CTT008			P	2,623	635	886	1,316	1,138	1,164	1,191	1,220	1,250	1,280	1,310	1,343	-	11,390	12,098	15,356
	OPNS		CTT008			C	(8)	(2,323)	(2,027)	(2,671)	(884)	319	1,191	1,220	1,250	1,280	1,310	1,343	-	(1,335)	2,331	-
SOGR	OPNS	ONGOING	CTT008	6005	Signal Cable Replacement	B	6,545	750	773	790	809	521	533	546	561	581	617			6,481	5,731	13,026
SOGR	OPNS	ONGOING	CTT008			P	7,385	285	718	744	651	501	513	526	541	561	601	623	-	5,641	5,979	13,649
	OPNS		CTT008			C	840	(465)	(55)	(46)	(158)	(20)	(20)	(20)	(20)	(20)	(16)	623	-	(840)	248	623
SOGR	OPNS	FINITE	CTT008	7729	Replace Signal Instrument Cases	B	2,218	327	344	243	332	254	261	382	-	-	-			2,143	1,816	4,361
SOGR	OPNS	FINITE	CTT008			P	2,107	225	354	344	332	306	311	382	-	-	-	-	-	2,254	2,029	4,361
	OPNS		CTT008			C	(111)	(102)	10	101	-	52	50	-	-	-	-	-	-	111	213	-
SOGR	OPNS	FINITE	CTT008	7730	Trainstop Replacement	B	15,586	404	364	365	334	-	-	-	-	-	-			1,467	1,063	17,053
SOGR	OPNS	FINITE	CTT008			P	15,280	1,659	416	525	-	-	-	-	-	-	-	-	-	2,600	941	17,880
	OPNS		CTT008			C	(306)	1,255	52	160	(334)	-	-	-	-	-	-	-	-	1,133	(122)	827
SOGR	OPNS	FINITE	CTT008	6434	Event Recorder Replacement	B	946	526	514	-	-	-	-	-	-	-	-			1,040	514	1,986
SOGR	OPNS	FINITE	CTT008			P	513	259	400	300	300	141	73	-	-	-	-	-	-	1,473	1,214	1,986
	OPNS		CTT008			C	(433)	(267)	(114)	300	300	141	73	-	-	-	-	-	-	433	700	-
SOGR	OPNS	FINITE	CTT008	6287	Wilson Yard Resignalling	B	1,278	3,637	14,336	13,995	7,779	-	-	-	-	-	-			39,747	36,110	41,025
SOGR	OPNS	FINITE	CTT008			P	758	3,322	8,650	8,650	8,650	8,650	2,345	-	-	-	-	-	-	40,267	36,945	41,025
	OPNS		CTT008			C	(520)	(315)	(5,686)	(5,345)	871	8,650	2,345	-	-	-	-	-	-	520	835	-
SOGR	OPNS	FINITE	CTT008	6060	Signalling of Davisville Yard	B	-	1,425	1,425	1,405	1,384	1,401	-	-	-	-	-			7,040	5,615	7,040
SOGR	OPNS	FINITE	CTT008			P	-	-	-	-	-	507	1,757	1,745	1,624	1,407	-	-	-	7,040	7,040	7,040
	OPNS		CTT008			C	-	(1,425)	(1,425)	(1,405)	(1,384)	(894)	1,757	1,745	1,624	1,407	-	-	-	-	1,425	-
SOGR	OPNS	FINITE	CTT008	6615	Continuous Speed Control System	B	53,996	2,710	306	-	-	-	-	-	-	-	-			3,016	306	57,012
SOGR	OPNS	FINITE	CTT008			P	52,654	750	2,148	1,460	-	-	-	-	-	-	-	-	-	4,358	3,608	57,012
	OPNS		CTT008			C	(1,342)	(1,960)	1,842	1,460	-	-	-	-	-	-	-	-	-	1,342	3,302	-
SOGR	OPNS	FINITE	CTT008	6252	Yard Interchange Signal Upgrades	B	727	627	176	-	-	-	-	-	-	-	-			803	176	1,530
SOGR	OPNS	FINITE	CTT008			P	633	20	120	120	120	120	-	-	-	-	-	-	-	500	480	1,133
	OPNS		CTT008			C	(94)	(607)	(56)	120	120	120	-	-	-	-	-	-	-	(303)	304	(397)
SOGR	OPNS	FINITE	CTT008	6438	SRT Loop Cable and Axle Counter Replacement	B	658	147	-	-	-	-	-	-	-	-	-			147	-	805
SOGR	OPNS	FINITE	CTT008			P	292	250	-	-	-	-	-	-	-	-	-	-	-	250	-	542
	OPNS		CTT008			C	(366)	103	-	-	-	-	-	-	-	-	-	-	-	103	-	(263)
SOGR	OPNS	FINITE	CTT008	6293	Workcar Advanced Warning System	B	1,778	1,991	-	-	-	-	-	-	-	-	-			1,991	-	3,769
SOGR	OPNS	FINITE	CTT008			P	46	-	1,732	1,991	-	-	-	-	-	-	-	-	-	3,723	3,723	3,769
	OPNS		CTT008			C	(1,732)	(1,991)	1,732	1,991	-	-	-	-	-	-	-	-	-	1,732	3,723	-
					Sub-Total Signal Systems	*SB*	381,014	75,674	106,865	113,228	100,338	64,484	52,897	40,531	44,595	50,295	41,837	-	-	690,745	615,071	1,071,759
						SP	381,724	65,573	78,076	84,064	89,183	75,043	44,848	46,994	49,747	51,100	52,057	54,666	130,790	636,685	625,778	1,203,865
						SC	710	(10,101)	(28,789)	(29,164)	(11,155)	10,559	(8,049)	6,463	5,152	805	10,220	54,666	130,790	(54,060)	10,707	132,106

Category	Resp. Br/Dpt	Type	CTT No.	WO #	DESCRIPTION		CITY to 2015	PROBABLE 2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	POST 2026	2016-2025	2017-2026	EFC
					BUILDINGS & STRUCTURES																	
					3.1 Finishes																	
					Annual Programs																	
SOGR	EC&E	ONGOING	CTT010	6963	Roofing Rehabilitation Program	B	68,150	8,823	14,881	11,693	15,667	16,000	16,000	16,501	8,300	6,353	5,402			119,620	110,797	187,770
SOGR	EC&E	ONGOING	CTT010			P	67,167	10,724	14,922	16,175	14,740	16,248	20,562	25,264	10,000	7,941	6,752	8,425	-	143,328	141,029	218,920
	EC&E		CTT010			C	(983)	1,901	41	4,482	(927)	248	4,562	8,763	1,700	1,588	1,350	8,425	-	23,708	30,232	31,150
SOGR	EC&E	ONGOING	CTT010	6964	Masonry Structure Restoration	B	7,063	537	519	571	571	562	625	603	600	600	600			5,788	5,251	12,851
SOGR	EC&E	ONGOING	CTT010			P	7,030	427	457	648	571	690	625	603	600	600	600	600	-	5,821	5,994	13,451
	EC&E		CTT010			C	(33)	(110)	(62)	77	-	128	-	-	-	-	-	600	-	33	743	600
					Existing Projects																	
SOGR	EC&E	FINITE	CTT010	7883	Overhead Doors	B	6,453	3,250	1,764	1,550	250	-	-	-	-	-	-			6,814	3,564	13,267
SOGR	EC&E	FINITE	CTT010			P	6,986	3,032	1,094	815	1,340	-	-	-	-	-	-	-	-	6,281	3,249	13,267
	EC&E		CTT010			C	533	(218)	(670)	(735)	1,090	-	-	-	-	-	-	-	-	(533)	(315)	-
SOGR	EC&E	ONGOING	CTT010	6403	Subway Station Ceiling Replacement Program	B	135	315	250	300	350	400	400	350	300	300	300			3,265	2,950	3,400
SOGR	EC&E	ONGOING	CTT010			P	574	276	220	180	100	400	400	350	300	300	300	300	-	2,826	2,850	3,700
	EC&E		CTT010			C	439	(39)	(30)	(120)	(250)	-	-	-	-	-	-	300	-	(439)	(100)	300
SOGR	EC&E	FINITE	CTT010	6405	Station Finish Renewal Program	B	3,301	1,600	2,000	600	600	500	-	-	-	-	-			5,300	3,700	8,601
SOGR	EC&E	FINITE	CTT010			P	3,138	1,600	2,000	742	500	320	300	-	-	-	-	-	-	5,462	3,862	8,600
	EC&E		CTT010			C	(163)	-	-	142	(100)	(180)	300	-	-	-	-	-	-	162	162	(1)
SI	EC&E	FINITE	CTT010	6582	Station Modernization Program	B	42,092	55	159	-	-	-	-	-	-	-	-			214	159	42,306
SI	EC&E	FINITE	CTT010			P	41,364	742	200	-	-	-	-	-	-	-	-	-	-	942	200	42,306
	EC&E		CTT010			C	(728)	687	41	-	-	-	-	-	-	-	-	-	-	728	41	-
SOGR	EC&E	FINITE	CTT010	6970	Interchange Station Rehabilitation - Eglinton Crosstown LRT - Stu	B	-	100	100	-	-	-	-	-	-	-	-			200	100	200
SOGR	EC&E	FINITE	CTT010			P	-	100	100	-	-	-	-	-	-	-	-	-	-	200	100	200
	EC&E		CTT010			C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					Sub-Total Finishes	*SB*	127,194	14,680	19,673	14,714	17,438	17,462	17,025	17,454	9,200	7,253	6,302	-	-	141,201	126,521	268,395
						SP	126,259	16,901	18,993	18,560	17,251	17,658	21,887	26,217	10,900	8,841	7,652	9,325	-	164,860	157,284	300,444
						SC	(935)	2,221	(680)	3,846	(187)	196	4,862	8,763	1,700	1,588	1,350	9,325	-	23,659	30,763	32,049
					3.2 Equipment																	
					Annual Programs																	
SOGR	OPNS	ONGOING	CTT012	6912	Subway Escalator Overhaul Program	B	62,728	8,071	9,135	9,354	9,583	9,905	9,309	9,252	9,337	6,633	6,832			87,411	79,340	150,139
SOGR	OPNS	ONGOING	CTT012			P	60,727	5,161	4,580	5,051	5,138	5,186	9,309	9,252	9,337	6,633	6,832	7,035	-	66,479	68,353	134,241
	OPNS		CTT012			C	(2,001)	(2,910)	(4,555)	(4,303)	(4,445)	(4,719)	-	-	-	-	-	7,035	-	(20,932)	(10,987)	(15,898)
SOGR	EC&E	ONGOING	CTT012	6965	Subway Pump Replacement Program	B	18,772	5,331	5,393	6,810	7,506	6,056	4,993	4,000	4,000	3,560	4,400			52,049	46,718	70,821
SOGR	EC&E	ONGOING	CTT012			P	23,738	5,865	5,607	8,203	7,590	7,475	3,290	989	1,531	3,133	3,400	7,500	-	47,083	48,718	78,321
	EC&E		CTT012			C	4,966	534	214	1,393	84	1,419	(1,703)	(3,011)	(2,469)	(427)	(1,000)	7,500	-	(4,966)	2,000	7,500
					Existing Projects																	
LEGIS	EC&E	FINITE	CTT012	594X	Fall Prevention Systems	B	9,842	1,709	1,812	2,200	448	606	967	-	-	-	-			7,742	6,033	17,584
LEGIS	EC&E	FINITE	CTT012			P	9,948	1,575	1,280	2,118	920	1,000	435	219	89	-	-	-	-	7,636	6,061	17,584
	EC&E		CTT012			C	106	(134)	(532)	(82)	472	394	(532)	219	89	-	-	-	-	(106)	28	-
SOGR	EC&E	FINITE	CTT012	590X	Bus Cleaning Equipment Program	B	5,950	-	146	3,531	5,014	624	-	-	-	-	-			9,315	9,315	15,265
SOGR	EC&E	FINITE	CTT012			P	5,950	-	-	3,677	5,014	624	-	-	-	-	-	-	-	9,315	9,315	15,265
	EC&E		CTT012			C	-	-	(146)	146	-	-	-	-	-	-	-	-	-	-	-	-
SOGR	EC&E	FINITE	CTT012	6281	Elevator Overhaul	B	9,394	1,145	685	570	410	210	510	410	-	-	-			3,940	2,795	13,334
SOGR	EC&E	FINITE	CTT012			P	10,375	561	1,833	295	65	155	50	-	-	-	-	1,000	-	2,959	3,398	14,334
	EC&E		CTT012			C	981	(584)	1,148	(275)	(345)	(55)	(460)	(410)	-	-	-	1,000	-	(981)	603	1,000
SOGR	EC&E	FINITE	CTT012	6050	Bus Hoists	B	21,869	5,089	16,031	8,709	3,585	8,547	7,172	5,279	-	-	-			54,412	49,323	76,281
SOGR	EC&E	FINITE	CTT012			P	23,167	5,875	11,397	12,054	4,936	8,480	7,142	3,230	-	-	-	-	-	53,114	47,239	76,281
	EC&E		CTT012			C	1,298	786	(4,634)	3,345	1,351	(67)	(30)	(2,049)	-	-	-	-	-	(1,298)	(2,084)	-
SOGR	EC&E	FINITE	CTT012	6483	Machine Room Air Conditioning Systems	B	1,960	664	849	1,005	917	785	610	820	1,205	963	353			8,171	7,507	10,131
SOGR	EC&E	FINITE	CTT012		(formerly Subway Machine Rooms Air Conditioning Systems)	P	1,819	664	1,727	479	624	588	800	580	700	940	630	580	-	7,732	7,648	10,131
	EC&E		CTT012			C	(141)	-	878	(526)	(293)	(197)	190	(240)	(505)	(23)	277	580	-	(439)	141	-
SOGR	EC&E	FINITE	CTT012	6176	Bus Washracks	B	5,131	5,410	8,292	5,553	2,698	2,404	-	-	-	-	-			24,357	18,947	29,488
SOGR	EC&E	FINITE	CTT012			P	5,160	5,017	6,044	7,165	3,698	2,404	-	-	-	-	-	-	-	24,328	19,311	29,488
	EC&E		CTT012			C	29	(393)	(2,248)	1,612	1,000	-	-	-	-	-	-	-	-	(29)	364	-
SOGR	EC&E	FINITE	CTT012	6181	Escalator Replacement Program	B	4,326	2,228	4,925	4,328	1,900	1,667	1,325	1,013	275	370	690			18,721	16,493	23,047
SOGR	EC&E	FINITE	CTT012			P	4,423	2,228	2,775	4,551	1,963	1,982	2,245	2,034	380	466	-	-	-	18,624	16,396	23,047
	EC&E		CTT012			C	97	-	(2,150)	223	63	315	920	1,021	105	96	(690)	-	-	(97)	(97)	-
LEGIS	EC&E	FINITE	CTT012	6465	Diesel Emission Control Equipment	B	2,237	1,981	1,236	-	-	-	-	-	-	-	-			3,217	1,236	5,454
LEGIS	EC&E	FINITE	CTT012			P	2,309	1,981	1,064	100	-	-	-	-	-	-	-	-	-	3,145	1,164	5,454
	EC&E		CTT012			C	72	-	(172)	100	-	-	-	-	-	-	-	-	-	(72)	(72)	-

Category	Resp. Br/Dpt	Type	CTT No.	WO #	DESCRIPTION		CITY to 2015	PROBABLE 2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	POST 2026	2016-2025	2017-2026	EFC
SOGR	OPNS	FINITE	CTT012	6014	Wheel Monitoring System	B	2,012	-	-	-	-	-	-	-	-	-	-			-	-	2,012
SOGR	OPNS	FINITE	CTT012			P	1,626	386	-	-	-	-	-	-	-	-	-	-	-	386	-	2,012
	OPNS		CTT012			C	(386)	386	-	-	-	-	-	-	-	-	-	-	-	386	-	-
SOGR	OPNS	ONGOING	CTT012	Various	3.2 Equipment City Requested Budget Reduction	B	-	-	-	(6,600)	(6,400)	(6,200)	(5,000)	(4,200)	(2,223)	(1,729)	(2,400)			(34,752)	(34,752)	(34,752)
SOGR	OPNS	ONGOING	CTT012			P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	OPNS		CTT012			C	-	-	-	6,600	6,400	6,200	5,000	4,200	2,223	1,729	2,400	-	-	34,752	34,752	34,752
					Sub-Total Equipment	*SB*	144,221	31,628	48,504	35,460	25,661	24,604	19,886	16,574	12,594	9,797	9,875	-	-	234,583	202,955	378,804
						SP	149,242	29,313	36,307	43,693	29,948	27,894	23,271	16,304	12,037	11,172	10,862	16,115	-	240,801	227,603	406,158
						SC	5,021	(2,315)	(12,197)	8,233	4,287	3,290	3,385	(270)	(557)	1,375	987	16,115	-	6,218	24,648	27,354
				3.3 Yards & Roads																		
					Annual Programs																	
SOGR	EC&E	ONGOING	CTT018	6967	On-Grade Paving Rehabilitation Program	B	48,122	8,802	11,348	13,354	12,802	13,500	12,800	12,798	10,200	10,962	9,863			116,429	107,627	164,551
SOGR	EC&E	ONGOING	CTT018			P	53,757	4,297	9,714	12,849	13,490	17,546	18,507	18,866	12,000	12,180	12,363	12,548	-	131,812	140,063	198,117
	EC&E		CTT018			C	5,635	(4,505)	(1,634)	(505)	688	4,046	5,707	6,068	1,800	1,218	2,500	12,548	-	15,383	32,436	33,566
					Existing Projects																	
LEGIS	EC&E	FINITE	CTT015	6394	Streetcar Network Upgrades for LRV	B	34,413	4,110	7,000	10,765	11,324	11,445	-	-	-	-	-			44,644	40,534	79,057
LEGIS	EC&E	FINITE	CTT015			P	38,266	5,668	2,133	9,308	10,553	12,229	-	-	-	-	-	-	-	39,891	34,223	78,157
	EC&E		CTT015			C	3,853	1,558	(4,867)	(1,457)	(771)	784	-	-	-	-	-	-	-	(4,753)	(6,311)	(900)
SOGR	OPNS	ONGOING	CTT064	6035	TTC Streetcar Shelter Reconstruction	B	692	298	250	257	264	271	278	286	295	303	309			2,811	2,513	3,503
SOGR	OPNS	ONGOING	CTT064			P	675	365	200	257	264	271	278	286	295	303	309	315	-	2,828	2,778	3,818
	OPNS		CTT064			C	(17)	67	(50)	-	-	-	-	-	-	-	-	315	-	17	265	315
GROWTH	EC&E	FINITE	CTT015	7879	Bus Rapid Transit (BRT) - Spadina Subway to York University/Ste	B	34,086	-	1,033	-	-	-	-	-	-	-	-			1,033	1,033	35,119
GROWTH	EC&E	FINITE	CTT015			P	33,431	1,047	800	-	-	-	-	-	-	-	-	-	3,301	1,847	800	38,579
	EC&E		CTT015			C	(655)	1,047	(233)	-	-	-	-	-	-	-	-	-	3,301	814	(233)	3,460
SI	EC&E	FINITE	CTT064	6973	Transit Shelters & Loops	B	1,957	500	-	-	-	-	-	-	-	-	-			500	-	2,457
SI	EC&E	FINITE	CTT064			P	1,935	500	-	-	-	-	-	-	-	-	-	665	-	500	665	3,100
	EC&E		CTT064			C	(22)	-	-	-	-	-	-	-	-	-	-	665	-	-	665	643
					Sub-Total Yards & Roads	*SB*	119,270	13,710	19,631	24,376	24,390	25,216	13,078	13,084	10,495	11,265	10,172	-	-	165,417	151,707	284,687
						SP	128,064	11,877	12,847	22,414	24,307	30,046	18,785	19,152	12,295	12,483	12,672	13,528	3,301	176,878	178,529	321,771
						SC	8,794	(1,833)	(6,784)	(1,962)	(83)	4,830	5,707	6,068	1,800	1,218	2,500	13,528	3,301	11,461	26,822	37,084
				3.4 Bridges & Tunnels																		
					Annual Programs																	
SOGR	EC&E	ONGOING	CTT020	6974	Structural Paving Rehabilitation Program	B	37,811	5,425	9,881	9,266	5,027	7,000	7,000	7,000	7,000	7,000	7,000			71,599	66,174	109,410
SOGR	EC&E	ONGOING	CTT020			P	39,245	6,627	6,876	7,293	6,310	7,953	7,106	7,000	7,000	7,000	7,000	7,000	-	70,165	70,538	116,410
	EC&E		CTT020			C	1,434	1,202	(3,005)	(1,973)	1,283	953	106	-	-	-	-	7,000	-	(1,434)	4,364	7,000
SOGR	OPNS	ONGOING	CTT020	6128	Maintenance of Joint TTC / Toronto Transportation Bridges	B	21,600	2,000	2,000	2,000	2,000	750	2,179	2,224	2,268	2,327	2,385			20,133	18,133	41,733
SOGR	OPNS	ONGOING	CTT020			P	17,457	2,328	7,463	1,778	800	800	1,903	2,224	2,268	2,327	2,385	2,433	-	24,276	24,381	44,166
	OPNS		CTT020			C	(4,143)	328	5,463	(222)	(1,200)	50	(276)	-	-	-	-	2,433	-	4,143	6,248	2,433
SOGR	EC&E	ONGOING	CTT020	6975	Bridges / Structures Maintenance Program	B	81,645	5,981	14,643	7,897	7,600	7,600	7,600	7,600	7,600	7,600	7,600			81,721	75,740	163,366
SOGR	EC&E	ONGOING	CTT020			P	83,381	10,444	7,291	10,450	8,485	6,323	6,592	7,600	7,600	7,600	7,600	7,600	-	79,985	77,141	170,966
	EC&E		CTT020			C	1,736	4,463	(7,352)	2,553	885	(1,277)	(1,008)	-	-	-	-	7,600	-	(1,736)	1,401	7,600
SOGR	OPNS	ONGOING	CTT020	6123	Tunnel & Station Leak Remediation Program	B	71,657	5,916	6,034	6,278	6,403	6,532	6,662	6,796	6,931	7,070	7,248			65,870	59,954	137,527
SOGR	OPNS	ONGOING	CTT020			P	69,058	4,000	4,300	4,400	4,500	4,600	4,700	4,800	4,900	5,000	5,100	5,200	-	46,300	47,500	120,558
	OPNS		CTT020			C	(2,599)	(1,916)	(1,734)	(1,878)	(1,903)	(1,932)	(1,962)	(1,996)	(2,031)	(2,070)	(2,148)	5,200	-	(19,570)	(12,454)	(16,969)
SOGR	OPNS	ONGOING	CTT020	6813	Structure Rehabilitation Program	B	99,206	27,003	19,459	22,469	23,069	23,689	24,301	24,783	25,268	19,657	22,054			231,752	204,749	330,958
SOGR	OPNS	ONGOING	CTT020			P	91,031	13,000	15,000	15,100	15,200	15,300	16,500	17,500	18,500	19,657	22,054	22,495	-	167,811	177,306	281,337
	OPNS		CTT020			C	(8,175)	(14,003)	(4,459)	(7,369)	(7,869)	(8,389)	(7,801)	(7,283)	(6,768)	-	-	22,495	-	(63,941)	(27,443)	(49,621)
SOGR	OPNS	ONGOING	CTT020	6581	Prince Edward Viaduct - Beam Replacement	B	11,804	2,447	2,650	2,853	2,937	3,023	3,103	3,168	3,231	3,314	3,287			30,013	27,566	41,817
SOGR	OPNS	ONGOING	CTT020			P	10,941	1,000	1,700	1,800	1,700	1,800	1,900	2,000	2,100	2,200	2,300	2,400	-	18,500	19,900	31,841
	OPNS		CTT020			C	(863)	(1,447)	(950)	(1,053)	(1,237)	(1,223)	(1,203)	(1,168)	(1,131)	(1,114)	(987)	2,400	-	(11,513)	(7,666)	(9,976)
					Existing Projects																	
SOGR	EC&E	FINITE	CTT020	7888	Precast Tunnel Liner Rehabilitation	B	63,418	736	-	-	-	-	-	-	-	-	-			736	-	64,154
SOGR	EC&E	FINITE	CTT020			P	63,476	642	-	-	-	-	-	-	-	-	-	-	-	642	-	64,118
	EC&E		CTT020			C	58	(94)	-	-	-	-	-	-	-	-	-	-	-	(94)	-	(36)
SOGR	OPNS	ONGOING	CTT020	Various	3.4 Bridges and Tunnels City Requested Budget Reduction	B	-	-	-	(8,000)	(9,400)	(9,700)	(10,200)	(10,500)	(7,845)	(4,697)	(10,000)			(70,342)	(70,342)	(70,342)
SOGR	OPNS	ONGOING	CTT020			P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	OPNS		CTT020			C	-	-	-	8,000	9,400	9,700	10,200	10,500	7,845	4,697	10,000	-	-	70,342	70,342	70,342
					Sub-Total Bridges & Tunnels	*SB*	387,141	49,508	54,667	42,763	37,636	38,894	40,645	41,071	44,453	42,271	39,574	-	-	431,482	381,974	818,623
						SP	374,589	38,041	42,630	40,821	36,995	36,776	38,701	41,124	42,368	43,784	46,439	47,128	-	407,679	416,766	829,396
						SC	(12,552)	(11,467)	(12,037)	(1,942)	(641)	(2,118)	(1,944)	53	(2,085)	1,513	6,865	47,128	-	(23,803)	34,792	10,773

Category	Resp. Br/Dpt	Type	CTT No.	WO #	DESCRIPTION		CITY to 2015	PROBABLE 2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	POST 2026	2016-2025	2017-2026	EFC
					3.9 Buildings and Structures Projects																	
					Existing Projects																	
SOGR	EC&E	ONGOING	CTT024	577x	Fire Ventilation Upgrade	B	228,584	23,687	22,947	40,659	27,011	-	-	-	-	-	-			114,304	90,617	342,888
SOGR	EC&E	ONGOING	CTT024			P	228,571	23,687	13,647	18,385	38,707	47,524	56,529	49,845	20,770	13,460	13,561	11,876	-	296,115	284,304	536,562
	EC&E		CTT024			C	(13)	-	(9,300)	(22,274)	11,696	47,524	56,529	49,845	20,770	13,460	13,561	11,876	-	181,811	193,687	193,674
LEGIS	EC&E	FINITE	CTT028	566X	Easier Access Phase III (See Note 2 on Page 17)	B	226,215	35,047	52,044	54,904	55,482	41,417	50,848	46,739	42,041	27,916	22,564			429,002	393,955	655,217
LEGIS	EC&E	FINITE	CTT028			P	226,397	35,000	42,772	54,584	66,094	76,332	74,489	66,364	56,664	44,702	30,917	-	-	547,918	512,918	774,315
	EC&E		CTT028			C	182	(47)	(9,272)	(320)	10,612	34,915	23,641	19,625	14,623	16,786	8,353	-	-	118,916	118,963	119,098
GROWTH	EC&E	FINITE	CTT035	530X	Sheppard Subway - Yonge to Don Mills	B	965,150	3,706	-	-	-	-	-	-	-	-	-			3,706	-	968,856
GROWTH	EC&E	FINITE	CTT035			P	965,151	26	3,679	-	-	-	-	-	-	-	-	-	-	3,705	3,679	968,856
	EC&E		CTT035			C	1	(3,680)	3,679	-	-	-	-	-	-	-	-	-	-	(1)	3,679	-
SOGR	EC&E	FINITE	CTT116	573x	Queensway Bus Garage Renovations	B	23,731	495	-	-	-	-	-	-	-	-	-			495	-	24,226
SOGR	EC&E	FINITE	CTT116			P	23,402	635	189	-	-	-	-	-	-	-	-	-	-	824	189	24,226
	EC&E		CTT116			C	(329)	140	189	-	-	-	-	-	-	-	-	-	-	329	189	-
SI	EC&E	FINITE	CTT130	551x	Kipling Station Improvements -East Entrance and PPUDO	B	13,387	-	-	-	-	-	-	-	-	-	-			-	-	13,387
SI	EC&E	FINITE	CTT130			P	13,081	306	-	-	-	-	-	-	-	-	-	-	-	306	-	13,387
	EC&E		CTT130			C	(306)	306	-	-	-	-	-	-	-	-	-	-	-	306	-	-
SOGR	EC&E	FINITE	CTT144	584X	Wilson Complex - Modifications for the Toronto Rocket	B	94,733	103	487	-	-	-	-	-	-	-	-			590	487	95,323
SOGR	EC&E	FINITE	CTT144			P	94,866	117	-	-	-	-	-	-	-	-	-	-	-	117	-	94,983
	EC&E		CTT144			C	133	14	(487)	-	-	-	-	-	-	-	-	-	-	(473)	(487)	(340)
SOGR	EC&E	FINITE	CTT145	6339	Leslie Barns (See Note 3 on Page 17)	B	453,551	33,119	27,119	2,200	-	-	-	-	-	-	-			62,438	29,319	515,989
SOGR	EC&E	FINITE	CTT145			P	429,598	67,630	20,411	4,500	1,350	-	-	-	-	-	-	-	-	93,891	26,261	523,489
	EC&E		CTT145			C	(23,953)	34,511	(6,708)	2,300	1,350	-	-	-	-	-	-	-	-	31,453	(3,058)	7,500
SOGR	EC&E	FINITE	CTT146	6659	Toronto Rocket / T1 Rail Yard Accommodation	B	111,784	38,204	65,391	81,357	104,280	69,889	43,390	-	-	-	-			402,511	364,307	514,295
SOGR	EC&E	FINITE	CTT146			P	115,477	46,090	47,754	71,703	86,252	90,674	43,685	-	250	250	-	-	470,915	386,658	340,568	973,050
	EC&E		CTT146			C	3,693	7,886	(17,637)	(9,654)	(18,028)	20,785	295	-	250	250	-	-	470,915	(15,853)	(23,739)	458,755
GROWTH	EC&E	FINITE	CTT148	6078	McNicoll Bus Garage	B	6,242	2,308	20,500	50,000	50,000	51,950	-	-	-	-	-			174,758	172,450	181,000
GROWTH	EC&E	FINITE	CTT148			P	7,079	2,081	14,780	39,810	55,590	32,209	29,451	-	-	-	-	-	-	173,921	171,840	181,000
	EC&E		CTT148			C	837	(227)	(5,720)	(10,190)	5,590	(19,741)	29,451	-	-	-	-	-	-	(837)	(610)	-
SOGR	EC&E	ONGOING	CTT110	6097	LRV Carhouse Facility Renewal Program	B	38,894	5,510	6,930	15,718	13,680	6,408	500	500	500	500	500			50,746	45,236	89,640
SOGR	EC&E	ONGOING	CTT110			P	40,611	4,191	5,501	14,431	14,087	7,860	1,748	154	168	172	717	1,000	-	49,029	45,838	90,640
	EC&E		CTT110			C	1,717	(1,319)	(1,429)	(1,287)	407	1,452	1,248	(346)	(332)	(328)	217	1,000	-	(1,717)	602	1,000
SOGR	OPNS	ONGOING	CTT110	6525	Subway Ventilation Shaft Grating System Replacement	B	1,212	851	700	758	518	527	585	542	550	607	626			6,264	5,413	7,476
SOGR	OPNS	ONGOING	CTT110			P	950	591	457	668	467	686	580	542	550	607	626	645	-	5,774	5,828	7,369
	OPNS		CTT110			C	(262)	(260)	(243)	(90)	(51)	159	(5)	-	-	-	-	645	-	(490)	415	(107)
SOGR	EC&E	FINITE	CTT110	6505	Industrial Facility Requirements	B	5,890	805	405	500	475	-	-	-	-	-	-			2,185	1,380	8,075
SOGR	EC&E	FINITE	CTT110			P	6,239	198	228	720	690	-	-	-	-	-	-	-	-	1,836	1,638	8,075
	EC&E		CTT110			C	349	(607)	(177)	220	215	-	-	-	-	-	-	-	-	(349)	258	-
SI	EC&E	ONGOING	CTT110	7873	Office Space Management/Renewal Program	B	23,451	2,155	2,412	1,340	496	559	720	720	560	500	1,000			10,462	8,307	33,913
SI	EC&E	ONGOING	CTT110			P	25,236	2,155	2,471	531	400	420	500	500	500	500	700	1,000	-	8,677	7,522	34,913
	EC&E		CTT110			C	1,785	-	59	(809)	(96)	(139)	(220)	(220)	(60)	-	(300)	1,000	-	(1,785)	(785)	1,000
SOGR	EC&E	ONGOING	CTT110	6194	Building Facility Renewal Program	B	6,816	2,620	1,520	2,617	448	150	230	102	350	350	350			8,737	6,117	15,553
SOGR	EC&E	ONGOING	CTT110			P	6,739	941	1,899	3,911	516	150	230	117	350	350	350	1,000	-	8,814	8,873	16,553
	EC&E		CTT110			C	(77)	(1,679)	379	1,294	68	-	-	15	-	-	-	1,000	-	77	2,756	1,000
SOGR	EC&E	ONGOING	CTT110	6195	Bus Garage/Shops Facility Renewal Program	B	19,287	1,939	4,351	3,317	4,490	4,757	2,455	1,410	250	800	800			24,569	22,630	43,856
SOGR	EC&E	ONGOING	CTT110			P	19,279	1,528	4,227	3,736	3,200	4,884	2,500	1,915	865	865	857	800	-	24,577	23,849	44,656
	EC&E		CTT110			C	(8)	(411)	(124)	419	(1,290)	127	45	505	615	65	57	800	-	8	1,219	800
SOGR	EC&E	ONGOING	CTT110	6196	Subway Carhouse / Shop Facility Renewal Program	B	26,176	1,844	2,371	2,520	985	1,081	701	1,119	1,369	1,369	500			13,859	12,015	40,035
SOGR	EC&E	ONGOING	CTT110			P	26,462	2,055	1,890	3,366	1,163	1,081	701	1,104	1,213	500	500	500	-	13,573	12,018	40,535
	EC&E		CTT110			C	286	211	(481)	846	178	-	-	(15)	(156)	(869)	-	500	-	(286)	3	500
SOGR	EC&E	ONGOING	CTT110	6197	Subway Facility Renewal Program	B	12,022	1,140	2,850	11,537	14,132	9,297	2,772	3,059	4,695	3,894	3,252			56,628	55,488	68,650
SOGR	EC&E	ONGOING	CTT110			P	12,128	957	2,891	12,752	13,764	9,016	2,522	2,779	4,695	3,894	3,252	1,000	-	56,522	56,565	69,650
	EC&E		CTT110			C	106	(183)	41	1,215	(368)	(281)	(250)	(280)	-	-	-	1,000	-	(106)	1,077	1,000
SOGR	EC&E	FINITE	CTT110	6648	Duncan Shop - Ventilation Upgrade	B	1,742	1,000	7,020	8,117	10,016	10,505	-	-	-	-	-			36,658	35,658	38,400
SOGR	EC&E	FINITE	CTT110			P	1,806	1,000	6,956	13,366	15,272	-	-	-	-	-	-	-	-	36,594	35,594	38,400
	EC&E		CTT110			C	64	-	(64)	5,249	5,256	(10,505)	-	-	-	-	-	-	-	(64)	(64)	-
SOGR	EC&E	FINITE	CTT110	6661	Skylights Replacement Project	B	1,706	-	-	744	-	-	-	-	-	-	-			744	744	2,450
SOGR	EC&E	FINITE	CTT110			P	1,756	246	3,682	23,436	-	-	-	-	-	-	-	-	-	27,364	27,118	29,120
	EC&E		CTT110			C	50	246	3,682	22,692	-	-	-	-	-	-	-	-	-	26,620	26,374	26,670
SOGR	EC&E	FINITE	CTT110	6670	Revenue Operations Facility	B	10,582	1,935	9,024	7,618	4,156	4,835	-	-	-	-	-			27,568	25,633	38,150
SOGR	EC&E	FINITE	CTT110			P	10,867	1,935	9,644	7,579	4,156	3,969	-	-	-	-	-	-	-	27,283	25,348	38,150
	EC&E		CTT110			C	285	-	620	(39)	-	(866)	-	-	-	-	-	-	-	(285)	(285)	-

Category	Resp. Br/Dpt	Type	CTT No.	WO #	DESCRIPTION		CITY to 2015	PROBABLE 2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	POST 2026	2016-2025	2017-2026	EFC
SOGR	EC&E	FINITE	CTT110	6110	Fire Main Replacement	B	2,157	749	4,485	6,040	6,399	5,309	-	-	-	-	-			22,982	22,233	25,139
SOGR	EC&E	FINITE	CTT110			P	2,434	749	2,685	5,214	7,028	7,029	-	-	-	-	-	-	-	22,705	21,956	25,139
	EC&E		CTT110			C	277	-	(1,800)	(826)	629	1,720	-	-	-	-	-	-	-	(277)	(277)	-
SOGR	EC&E	FINITE	CTT110	6115	Wilson ITS/TC Back-up Centres	B	1,310	1,500	5,000	8,000	8,050	6,490	760	-	-	-	-			29,800	28,300	31,110
SOGR	EC&E	FINITE	CTT110			P	1,374	1,500	5,000	7,000	7,387	6,849	2,000	-	-	-	-	-	-	29,736	28,236	31,110
	EC&E		CTT110			C	64	-	-	(1,000)	(663)	359	1,240	-	-	-	-	-	-	(64)	(64)	-
SOGR	EC&E	FINITE	CTT110	6149	Retrofit of Carhouse and Shop Traction Power Pendent System - I	B	1,541	412	1,126	2,932	6,081	4,790	-	-	-	-	-			15,341	14,929	16,882
SOGR	EC&E	FINITE	CTT110			P	1,381	479	791	3,264	6,081	4,886	-	-	-	-	-	-	-	15,501	15,022	16,882
	EC&E		CTT110			C	(160)	67	(335)	332	-	96	-	-	-	-	-	-	-	160	93	-
SOGR	EC&E	FINITE	CTT110	TBD	Replacement of Halon Protection Systems	B	-	-	148	410	410	565	424	424	424	-	-			2,805	2,805	2,805
SOGR	EC&E	FINITE	CTT110			P	-	-	148	410	410	565	424	424	424	-	-	-	-	2,805	2,805	2,805
	EC&E		CTT110			C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOGR	EC&E	FINITE	CTT110	6406	Emergency Backup Power Systems	B	150	300	1,100	650	600	-	-	-	-	-	-			2,650	2,350	2,800
SOGR	EC&E	FINITE	CTT110			P	139	621	790	650	600	-	-	-	-	-	-	-	-	2,661	2,040	2,800
	EC&E		CTT110			C	(11)	321	(310)	-	-	-	-	-	-	-	-	-	-	11	(310)	-
SOGR	EC&E	FINITE	CTT110	6282	Wheel-Trans Facility Renewal Program	B	11,218	545	2,376	130	-	-	-	-	-	-	-			3,051	2,506	14,269
SOGR	EC&E	FINITE	CTT110			P	11,263	198	796	2,012	-	-	-	-	-	-	-	-	-	3,006	2,808	14,269
	EC&E		CTT110			C	45	(347)	(1,580)	1,882	-	-	-	-	-	-	-	-	-	(45)	302	-
SOGR	EC&E	FINITE	CTT110	6398	Surface Way Buildings Replacement	B	4,291	4,950	17,400	12,119	-	-	-	-	-	-	-			34,469	29,519	38,760
SOGR	EC&E	FINITE	CTT110			P	4,721	583	6,452	18,767	8,237	-	-	-	-	-	-	-	-	34,039	33,456	38,760
	EC&E		CTT110			C	430	(4,367)	(10,948)	6,648	8,237	-	-	-	-	-	-	-	-	(430)	3,937	-
SOGR	EC&E	FINITE	CTT110	7233	Electrical Substation Upgrade and Leak Remediation	B	4,221	558	500	458	-	-	-	-	-	-	-			1,516	958	5,737
SOGR	EC&E	FINITE	CTT110			P	4,251	154	875	457	-	-	-	-	-	-	-	-	-	1,486	1,332	5,737
	EC&E		CTT110			C	30	(404)	375	(1)	-	-	-	-	-	-	-	-	-	(30)	374	-
SI	EC&E	FINITE	CTT110	6207	Bus Facility Modifications - Hybrid Buses	B	3,095	479	-	-	-	-	-	-	-	-	-			479	-	3,574
SI	EC&E	FINITE	CTT110			P	3,055	119	200	200	-	-	-	-	-	-	-	-	-	519	400	3,574
	EC&E		CTT110			C	(40)	(360)	200	200	-	-	-	-	-	-	-	-	-	40	400	-
SOGR	EC&E	FINITE	CTT110	6597	Collector Booth Renewal Program	B	953	614	1,736	-	-	-	-	-	-	-	-			2,350	1,736	3,303
SOGR	EC&E	FINITE	CTT110			P	2,624	679	-	-	-	-	-	-	-	-	-	-	-	679	-	3,303
	EC&E		CTT110			C	1,671	65	(1,736)	-	-	-	-	-	-	-	-	-	-	(1,671)	(1,736)	-
SOGR	EC&E	FINITE	CTT110	7256	McBrien Building Renovations	B	4,999	1,009	1,623	-	-	-	-	-	-	-	-			2,632	1,623	7,631
SOGR	EC&E	FINITE	CTT110			P	4,975	1,009	847	800	-	-	-	-	-	-	-	-	-	2,656	1,647	7,631
	EC&E		CTT110			C	(24)	-	(776)	800	-	-	-	-	-	-	-	-	-	24	24	-
SI	EC&E	FINITE	CTT110	6662	End Of Line Cleaning	B	749	1,591	1,756	-	-	-	-	-	-	-	-			3,347	1,756	4,096
SI	EC&E	FINITE	CTT110			P	646	1,560	1,656	1,134	-	-	-	-	-	-	-	-	-	4,350	2,790	4,996
	EC&E		CTT110			C	(103)	(31)	(100)	1,134	-	-	-	-	-	-	-	-	-	1,003	1,034	900
SOGR	EC&E	FINITE	CTT110	6663	CNE Streetcar Loop Barrier	B	1,401	3,599	2,300	-	-	-	-	-	-	-	-			5,899	2,300	7,300
SOGR	EC&E	FINITE	CTT110			P	1,514	4,586	1,200	-	-	-	-	-	-	-	-	-	-	5,786	1,200	7,300
	EC&E		CTT110			C	113	987	(1,100)	-	-	-	-	-	-	-	-	-	-	(113)	(1,100)	-
GROWTH	EC&E	FINITE	CTT110	6407	Building Extensions for New Articulated Hoists Study	B	110	170	220	-	-	-	-	-	-	-	-			390	220	500
GROWTH	EC&E	FINITE	CTT110			P	90	40	50	320	-	-	-	-	-	-	-	-	-	410	370	500
	EC&E		CTT110			C	(20)	(130)	(170)	320	-	-	-	-	-	-	-	-	-	20	150	-
GROWTH	EC&E	FINITE	CTT110	6675	Relief Line Study	B	4,705	1,030	500	-	-	-	-	-	-	-	-			1,530	500	6,235
GROWTH	EC&E	FINITE	CTT110			P	3,082	2,283	1,390	-	-	-	-	-	-	-	-	-	-	3,673	1,390	6,755
	EC&E		CTT110			C	(1,623)	1,253	890	-	-	-	-	-	-	-	-	-	-	2,143	890	520
GROWTH	EC&E	FINITE	CTT110	6334	Yonge North Subway Extension - Conceptual Design Stage 1	B	5,225	280	267	-	-	-	-	-	-	-	-			547	267	5,772
GROWTH	EC&E	FINITE	CTT110			P	4,775	200	200	200	200	197	-	-	-	-	-	-	-	997	797	5,772
	EC&E		CTT110			C	(450)	(80)	(67)	200	200	197	-	-	-	-	-	-	-	450	530	-
SOGR	EC&E	FINITE	CTT110	6395	Victoria Park Bus Terminal Replacement	B	36,413	-	-	-	-	-	-	-	-	-	-			-	-	36,413
SOGR	EC&E	FINITE	CTT110			P	36,175	426	112	-	-	-	-	-	-	-	-	-	-	538	112	36,713
	EC&E		CTT110			C	(238)	426	112	-	-	-	-	-	-	-	-	-	-	538	112	300
LEGIS	EC&E	FINITE	CTT110	6472	Subway Asbestos Decontamination Facility	B	4,272	135	-	-	-	-	-	-	-	-	-			135	-	4,407
LEGIS	EC&E	FINITE	CTT110			P	4,246	161	-	-	-	-	-	-	-	-	-	-	-	161	-	4,407
	EC&E		CTT110			C	(26)	26	-	-	-	-	-	-	-	-	-	-	-	26	-	-
SOGR	OPNS	FINITE	CTT110	6275	Purchase of Property for Overhead Wiring Section	B	5,000	-	-	-	-	-	-	-	-	-	-			-	-	5,000
SOGR	OPNS	FINITE	CTT110			P	89	4,911	-	-	-	-	-	-	-	-	-	-	-	4,911	-	5,000
	OPNS		CTT110			C	(4,911)	4,911	-	-	-	-	-	-	-	-	-	-	-	4,911	-	-
SI	EC&E	FINITE	CTT110	6285	Yonge - Bloor Capacity Improvements Conceptual Design & Alignn	B	922	3,078	2,000	-	-	-	-	-	-	-	-			5,078	2,000	6,000
SI	EC&E	FINITE	CTT110			P	656	2,578	2,266	500	-	-	-	-	-	-	-	-	-	5,344	2,766	6,000
	EC&E		CTT110			C	(266)	(500)	266	500	-	-	-	-	-	-	-	-	-	266	766	-
SOGR	EC&E	FINITE	CTT110	6159	Wilson Garage Ventilation Upgrades	B	1,519	120	7,348	7,556	7,656	10,056	16,894	-	-	-	-			49,630	49,510	51,149
SOGR	EC&E	FINITE	CTT110			P	1,215	524	1,600	9,930	10,030	10,506	17,344	-	-	-	-	-	-	49,934	49,410	51,149
	EC&E		CTT110			C	(304)	404	(5,748)	2,374	2,374	450	450	-	-	-	-	-	-	304	(100)	-

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Category	Resp. Br/Dpt	Type	Program	Capital CTT No.	WO #	DESCRIPTION		CITY to 2015	PROBABLE 2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	POST 2026	2016-2025	2017-2026	EFC
LEGIS	EC&E	FINITE	3.9	CTT110	6952	Backflow Preventers	B	1,566	2,063	1,811	3,566	3,562	2,558	2,344	2,600	2,617	2,598	2,831			26,550	24,487	28,116
LEGIS	EC&E	FINITE	3.9	CTT110			P	1,634	1,781	2,480	4,479	6,997	4,855	3,326	687	715	499	663	2,785	-	26,482	27,486	30,901
	EC&E		3.9	CTT110			C	68	(282)	669	913	3,435	2,297	982	(1,913)	(1,902)	(2,099)	(2,168)	2,785	-	(68)	2,999	2,785
SOGR	EC&E	FINITE	3.9	CTT110	6953	Station Capacity Study for Increased Passenger Demand	B	50	250	-	-	-	-	-	-	-	-	-			250	-	300
SOGR	EC&E	FINITE	3.9	CTT110			P	-	300	300	-	-	-	-	-	-	-	-	-	-	600	300	600
	EC&E		3.9	CTT110			C	(50)	50	300	-	-	-	-	-	-	-	-	-	-	350	300	300
SI	EC&E	FINITE	3.9	CTT110	6968	Platform Edge Doors Study	B	300	700	-	-	-	-	-	-	-	-	-			700	-	1,000
SI	EC&E	FINITE	3.9	CTT110			P	3	497	500	-	-	-	-	-	-	-	-	-	-	997	500	1,000
	EC&E		3.9	CTT110			C	(297)	(203)	500	-	-	-	-	-	-	-	-	-	-	297	500	-
SI	EC&E	FINITE	3.9	CTT110	6969	Union Station New Platform	B	4,600	-	6,400	-	-	-	-	-	-	-	-			6,400	6,400	11,000
SI	EC&E	FINITE	3.9	CTT110			P	-	9,000	9,000	-	-	-	-	-	-	-	-	-	-	18,000	9,000	18,000
	EC&E		3.9	CTT110			C	(4,600)	9,000	2,600	-	-	-	-	-	-	-	-	-	-	11,600	2,600	7,000
						New Projects																	
GROWTH	EC&E	FINITE	3.9	CTT110	New	New Subway Maintenance and Storage Facility	B	-	-	-	-	-	-	-	-	-	-	-			-	-	-
GROWTH	EC&E	FINITE	3.9	CTT110			P	-	-	100	3,450	3,450	-	-	-	-	-	-	-	-	7,000	7,000	7,000
	EC&E		3.9	CTT110			C	-	-	100	3,450	3,450	-	-	-	-	-	-	-	-	7,000	7,000	7,000
LEGIS	SRDEL	FINITE	3.9	CTT110	New	Wheel-Trans 10-Yr Transformation Program	B	-	-	-	-	-	-	-	-	-	-	-			-	-	-
LEGIS	SRDEL	FINITE	3.9	CTT110			P	-	-	6,974	10,171	12,892	7,451	5,018	-	-	-	-	-	-	42,506	42,506	42,506
	SRDEL		3.9	CTT110			C	-	-	6,974	10,171	12,892	7,451	5,018	-	-	-	-	-	-	42,506	42,506	42,506
GROWTH	EC&E	FINITE	3.9	CTT110	New	Property - Ninth Bus Garage	B	-	-	-	-	-	-	-	-	-	-	-			-	-	-
GROWTH	EC&E	FINITE	3.9	CTT110			P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EC&E		3.9	CTT110			C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SI	SRDEL	FINITE	3.9	CTT110	New	Stations Transformation	B	-	-	-	-	-	-	-	-	-	-	-			-	-	-
SI	SRDEL	FINITE	3.9	CTT110			P	-	5,220	9,012	9,039	4,830	4,805	4,805	3,030	2,930	2,760	2,200	2,185	-	48,631	45,596	50,816
	SRDEL		3.9	CTT110			C	-	5,220	9,012	9,039	4,830	4,805	4,805	3,030	2,930	2,760	2,200	2,185	-	48,631	45,596	50,816
GROWTH	SRDEL	FINITE	3.9	CTT110	New	Bus Maintenance Facility	B	-	-	-	-	-	-	-	-	-	-	-			-	-	-
GROWTH	SRDEL	FINITE	3.9	CTT110			P	-	-	7,500	-	-	-	-	-	-	-	-	-	-	7,500	7,500	7,500
	SRDEL		3.9	CTT110			C	-	-	7,500	-	-	-	-	-	-	-	-	-	-	7,500	7,500	7,500
SOGR	EC&E	ONGOING	3.9	CTT110	Various	3.9 Buildings and Structures City Requested Budget Reduction	B	-	-	-	(15,000)	(16,400)	(13,500)	(5,700)	(2,100)	(1,234)	(977)	(2,000)			(56,911)	(56,911)	(56,911)
SOGR	EC&E	ONGOING	3.9	CTT110			P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	EC&E		3.9	CTT110			C	-	-	-	15,000	16,400	13,500	5,700	2,100	1,234	977	2,000	-	-	56,911	56,911	56,911
						Sub-Total Buildings & Structures Projects	*SB*	2,371,922	180,600	284,167	310,767	302,527	217,643	116,923	55,115	52,122	37,557	30,423	-	-	1,587,844	1,407,244	3,959,766
							SP	2,346,037	231,527	246,002	351,475	369,850	321,948	245,852	127,461	90,094	68,559	54,343	22,791	470,915	2,107,111	1,898,375	4,946,854
							SC	(25,885)	50,927	(38,165)	40,708	67,323	104,305	128,929	72,346	37,972	31,002	23,920	22,791	470,915	519,267	491,131	987,088
					VEHICLES																		
					REVENUE VEHICLES																		
					4.11 Purchase of Buses																		
						Existing Projects																	
SOGR	OPNS	FINITE	4.11	CTT111	Various	Purchase of Buses	B	162,672	64,508	73,400	60,600	69,472	4,449	42,270	40,012	37,425	41,747	-			433,883	369,375	596,555
SOGR	OPNS	FINITE	4.11	CTT111			P	158,658	67,861	227,351	211,839	115,051	80,837	98,425	97,143	15,921	-	-	-	-	914,428	846,567	1,073,086
	OPNS		4.11	CTT111			C	(4,014)	3,353	153,951	151,239	45,579	76,388	56,155	57,131	(21,504)	(41,747)	-	-	-	480,545	477,192	476,531
SI	OPNS	FINITE	4.11	CTT111	Various	Purchase of Buses	B	16,450	14,072	-	-	-	-	-	-	-	-	-			14,072	-	30,522
SI	OPNS	FINITE	4.11	CTT111			P	26,965	3,557	2,630	17,186	22,247	27,946	14,631	-	46,544	21,877	-	14,609	-	156,618	167,670	198,192
	OPNS		4.11	CTT111			C	10,515	(10,515)	2,630	17,186	22,247	27,946	14,631	-	46,544	21,877	-	14,609	-	142,546	167,670	167,670
						Wheel Trans																	
SOGR	OPNS	ONGOING	4.11	CTT045	TBD	Purchase of 400 Future Wheel-Trans Buses	B	-	-	-	-	-	-	-	-	-	-	-			-	-	-
SOGR	OPNS	ONGOING	4.11	CTT045			P	-	-	6,920	6,920	7,629	8,010	8,411	8,831	9,273	9,737	10,224	10,735	-	75,955	86,690	86,690
	OPNS		4.11	CTT045			C	-	-	6,920	6,920	7,629	8,010	8,411	8,831	9,273	9,737	10,224	10,735	-	75,955	86,690	86,690
						Sub-Total Purchase of Buses	*SB*	179,122	78,580	73,400	60,600	69,472	4,449	42,270	40,012	37,425	41,747	-	-	-	447,955	369,375	627,077
							SP	185,623	71,418	236,901	235,945	144,927	116,793	121,467	105,974	71,738	31,614	10,224	25,344	-	1,147,001	1,100,927	1,357,968
							SC	6,501	(7,162)	163,501	175,345	75,455	112,344	79,197	65,962	34,313	(10,133)	10,224	25,344	-	699,046	731,552	730,891
					4.12 Purchase of Subway Cars																		
						Existing Projects																	
SOGR	OPNS	FINITE	4.12	CTT046	6231	Purchase of 234 New Subway Cars (H4 & H5 Replacement & Growt	B	649,825	-	-	-	-	-	-	-	-	-	-			-	-	649,825
SOGR	OPNS	FINITE	4.12	CTT046			P	633,816	16,009	-	-	-	-	-	-	-	-	-	-	-	16,009	-	649,825
	OPNS		4.12	CTT046			C	(16,009)	16,009	-	-	-	-	-	-	-	-	-	-	-	16,009	-	-

Category	Resp. Br/Dpt	Type	Program	Capital CTT No.	WO #	DESCRIPTION		CITY to 2015	PROBABLE 2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	POST 2026	2016-2025	2017-2026	EFC
SOGR	OPNS	FINITE	4.12	CTT046	6002	Replacement of 126 H6 Subway Cars	B	285,219	2,969	6,765	-	-	-	-	-	-	-	-			9,734	6,765	294,953
SOGR	OPNS	FINITE	4.12	CTT046			P	278,257	5,585	11,111	-	-	-	-	-	-	-	-	-	-	16,696	11,111	294,953
	OPNS		4.12	CTT046			C	(6,962)	2,616	4,346	-	-	-	-	-	-	-	-	-	-	6,962	4,346	-
SOGR	OPNS	FINITE	4.12	CTT046	6278	Purchase of 60 New Subway Cars (Ridership Growth and ATC)	B	194,470	21,267	2,357	4,076	-	-	-	-	-	-	-			27,700	6,433	222,170
SOGR	OPNS	FINITE	4.12	CTT046			P	178,688	29,549	9,857	4,076	-	-	-	-	-	-	-	-	-	43,482	13,933	222,170
	OPNS		4.12	CTT046			C	(15,782)	8,282	7,500	-	-	-	-	-	-	-	-	-	-	15,782	7,500	-
SOGR	OPNS	FINITE	4.12	CTT046	TBD	Purchase of 372 New Subway Cars (T1 Replacement)	B	-	-	-	-	-	-	-	-	-	-	-			-	-	-
SOGR	OPNS	FINITE	4.12	CTT046			P	-	-	-	249	524	584	1,523	293,407	161,569	158,376	298,699	270,290	551,917	914,931	1,185,221	1,737,138
	OPNS		4.12	CTT046			C	-	-	-	249	524	584	1,523	293,407	161,569	158,376	298,699	270,290	551,917	914,931	1,185,221	1,737,138
						New Projects																	
SOGR	OPNS	FINITE	4.12	CTT046	New	Ridership Growth for YUS & BD	B	-	-	-	-	-	-	-	-	-	-	-			-	-	-
SOGR	OPNS	FINITE	4.12	CTT046			P	-	-	-	-	-	-	-	-	-	-	-	-	287,401	-	-	287,401
	OPNS		4.12	CTT046			C	-	-	-	-	-	-	-	-	-	-	-	-	287,401	-	-	287,401
						Sub-Total Purchase of Subway Cars	*SB*	1,129,514	24,236	9,122	4,076	-	-	-	-	-	-	-	-	-	37,434	13,198	1,166,948
							SP	1,090,761	51,143	20,968	4,325	524	584	1,523	293,407	161,569	158,376	298,699	270,290	839,318	991,118	1,210,265	3,191,487
							SC	(38,753)	26,907	11,846	249	524	584	1,523	293,407	161,569	158,376	298,699	270,290	839,318	953,684	1,197,067	2,024,539
					4.13 Bus Overhaul																		
						Annual Programs																	
SOGR	OPNS	ONGOING	4.13	CTT112	6668	Orion VII Diesel & Nova Artic Bus Rebuild Program	B	134,292	52,988	50,301	29,079	23,966	36,597	32,329	48,343	49,609	33,655	36,146			393,013	340,025	527,305
SOGR	OPNS	ONGOING	4.13	CTT112			P	124,930	42,310	37,068	38,742	35,630	33,382	32,146	14,920	76,209	72,681	44,933	68,518	-	428,021	454,229	621,469
	OPNS		4.13	CTT112			C	(9,362)	(10,678)	(13,233)	9,663	11,664	(3,215)	(183)	(33,423)	26,600	39,026	8,787	68,518	-	35,008	114,204	94,164
SOGR	OPNS	FINITE	4.13	CTT112	6709	WT Friendly Bus Rebuild Program	B	800	2,010	2,170	2,220	1,700	-	-	-	-	-	-			8,100	6,090	8,900
SOGR	OPNS	FINITE	4.13	CTT112			P	394	2,521	720	-	-	-	-	-	-	-	-	-	-	3,241	720	3,635
	OPNS		4.13	CTT112			C	(406)	511	(1,450)	(2,220)	(1,700)	-	-	-	-	-	-	-	-	(4,859)	(5,370)	(5,265)
SOGR	OPNS	ONGOING	4.13	CTT112	6013	Replacement of Orion VII Hybrid Bus Components	B	13,359	14,231	12,791	10,756	8,203	5,804	857	-	-	-	-			52,642	38,411	66,001
SOGR	OPNS	ONGOING	4.13	CTT112			P	13,989	15,406	6,235	5,150	3,891	3,740	2,835	2,913	2,991	3,074	3,354	3,244	-	49,589	37,427	66,822
	OPNS		4.13	CTT112			C	630	1,175	(6,556)	(5,606)	(4,312)	(2,064)	1,978	2,913	2,991	3,074	3,354	3,244	-	(3,053)	(984)	821
LEGIS	OPNS	FINITE	4.13	CTT112	6683	AODA Requirements - TTC Buses	B	89	6,741	335	350	-	-	-	-	-	-	-			7,426	685	7,515
LEGIS	OPNS	FINITE	4.13	CTT112			P	609	6,868	335	-	-	-	-	-	-	-	-	-	-	7,203	335	7,812
	OPNS		4.13	CTT112			C	520	127	-	(350)	-	-	-	-	-	-	-	-	-	(223)	(350)	297
SOGR	OPNS	ONGOING	4.13	CTT112	Various	4.13Bus Overhaul City Requested Budget Reduction	B	-	-	-	-	(23,966)	(36,597)	(32,329)	(48,343)	(49,609)	(33,655)	(36,146)			(260,645)	(260,645)	(260,645)
SOGR	OPNS	ONGOING	4.13	CTT112			P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	OPNS		4.13	CTT112			C	-	-	-	-	23,966	36,597	32,329	48,343	49,609	33,655	36,146	-	-	260,645	260,645	260,645
						Sub-Total Bus Overhaul	*SB*	148,540	75,970	65,597	42,405	9,903	5,804	857	-	-	-	-	-	-	200,536	124,566	349,076
							SP	139,922	67,105	44,358	43,892	39,521	37,122	34,981	17,833	79,200	75,755	48,287	71,762	-	488,054	492,711	699,738
							SC	(8,618)	(8,865)	(21,239)	1,487	29,618	31,318	34,124	17,833	79,200	75,755	48,287	71,762	-	287,518	368,145	350,662
					4.15 Streetcar Overhaul																		
						Existing Projects																	
LEGIS	OPNS	FINITE	4.15	CTT050	6276	AODA Requirements - Streetcars	B	-	410	410	410	410	410	410	410	410	6,073	-			9,353	8,943	9,353
LEGIS	OPNS	FINITE	4.15	CTT050			P	-	1,385	1,000	-	-	-	-	-	-	-	-	-	-	2,385	1,000	2,385
	OPNS		4.15	CTT050			C	-	975	590	(410)	(410)	(410)	(410)	(410)	(410)	(6,073)	-	-	-	(6,968)	(7,943)	(6,968)
SOGR	OPNS	FINITE	4.15	CTT050	6367	Life Extension Overhaul of 30 Articulated Light Rail Vehicles (ALRVs	B	6,128	9,772	8,614	-	-	633	649	-	-	-	-			19,668	9,896	25,796
SOGR	OPNS	FINITE	4.15	CTT050			P	4,306	11,594	8,614	-	-	633	649	-	-	-	-	-	-	21,490	9,896	25,796
	OPNS		4.15	CTT050			C	(1,822)	1,822	-	-	-	-	-	-	-	-	-	-	-	1,822	-	-
SOGR	OPNS	FINITE	4.15	CTT050	TBD	New LRVs Overhaul	B	-	-	-	-	-	-	256	278	3,831	7,236	18,618			30,219	30,219	30,219
SOGR	OPNS	FINITE	4.15	CTT050			P	-	-	-	-	-	-	-	422	1,578	2,358	6,198	11,853	7,810	10,556	22,409	30,219
	OPNS		4.15	CTT050			C	-	-	-	-	-	-	(256)	144	(2,253)	(4,878)	(12,420)	11,853	7,810	(19,663)	(7,810)	-
SOGR	OPNS	FINITE	4.15	CTT050	TBD	Overhaul of 30 Canadian Light Rail Vehicles(CLRV) - (See Note 1 or	B	-	4,403	2,901	1,801	-	-	-	-	-	-	-			9,105	4,702	9,105
SOGR	OPNS	FINITE	4.15	CTT050			P	-	4,403	2,901	1,801	-	-	-	-	-	-	-	-	-	9,105	4,702	9,105
	OPNS		4.15	CTT050			C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						Sub-Total Streetcar Overhaul	*SB*	6,128	14,585	11,925	2,211	410	1,043	1,315	688	4,241	13,309	18,618	-	-	68,345	53,760	74,473
							SP	4,306	17,382	12,515	1,801	-	633	649	422	1,578	2,358	6,198	11,853	7,810	43,536	38,007	67,505
							SC	(1,822)	2,797	590	(410)	(410)	(410)	(666)	(266)	(2,663)	(10,951)	(12,420)	11,853	7,810	(24,809)	(15,753)	(6,968)
					4.16 Subway Car Overhaul																		
						Existing Projects																	
SOGR	OPNS	FINITE	4.16	CTT051	6070	T1 Subway Cars - 15 Year Overhaul	B	62,658	20,893	14,642	-	-	-	-	-	-	-	-			35,535	14,642	98,193
SOGR	OPNS	FINITE	4.16	CTT051			P	55,646	18,605	9,240	-	-	-	-	-	-	-	-	-	-	27,845	9,240	83,491
	OPNS		4.16	CTT051			C	(7,012)	(2,288)	(5,402)	-	-	-	-	-	-	-	-	-	-	(7,690)	(5,402)	(14,702)

Category	Resp. Br/Dpt	Type	Program	Capital CTT No.	WO #	DESCRIPTION		CITY to 2015	PROBABLE 2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	POST 2026	2016-2025	2017-2026	EFC
SOGR	OPNS	FINITE	4.16	CTT051	6318	T1 Subway Cars - 20 Year Overhaul	B	700	475	4,217	9,723	9,962	10,244	10,497	5,353	-	-	-			50,471	49,996	51,171
SOGR	OPNS	FINITE	4.16	CTT051			P	305	4,565	19,264	17,720	11,261	10,168	9,070	4,470	-	-	-	-	-	76,518	71,953	76,823
	OPNS		4.16	CTT051			C	(395)	4,090	15,047	7,997	1,299	(76)	(1,427)	(883)	-	-	-	-	-	26,047	21,957	25,652
SOGR	OPNS	FINITE	4.16	CTT051	6130	TR Subway Cars - 7 Year Overhaul	B	2,822	5,013	5,474	7,076	8,158	7,641	4,800	4,919	4,919	4,919	-			52,919	47,906	55,741
SOGR	OPNS	FINITE	4.16	CTT051			P	498	1,802	6,129	8,992	11,846	6,451	6,424	6,144	6,286	6,026	-	-	-	60,100	58,298	60,598
	OPNS		4.16	CTT051			C	(2,324)	(3,211)	655	1,916	3,688	(1,190)	1,624	1,225	1,367	1,107	-	-	-	7,181	10,392	4,857
SOGR	OPNS	FINITE	4.16	CTT051	TBD	TR Subway Cars - 14 Year Overhaul	B	-	-	-	-	-	-	-	660	7,700	7,854	19,615			35,829	35,829	35,829
SOGR	OPNS	FINITE	4.16	CTT051			P	-	-	-	-	-	-	-	660	7,700	7,854	19,615	21,000	22,371	35,829	56,829	79,200
	OPNS		4.16	CTT051			C	-	-	-	-	-	-	-	-	-	-	-	21,000	22,371	-	21,000	43,371
SOGR	OPNS	FINITE	4.16	CTT051	TBD	T1 Subway Cars - 25 Year Overhaul	B	-	-	-	-	-	-	-	2,300	4,440	4,600	4,800			16,140	16,140	16,140
SOGR	OPNS	FINITE	4.16	CTT051			P	-	-	-	-	-	-	-	2,300	4,440	4,600	4,800	4,896	1,910	16,140	21,036	22,946
	OPNS		4.16	CTT051			C	-	-	-	-	-	-	-	-	-	-	-	4,896	1,910	-	4,896	6,806
SOGR	OPNS	FINITE	4.16	CTT051	6261	Train Door Monitoring System for TR	B	7,019	28,168	21,288	-	-	-	-	-	-	-	-			49,456	21,288	56,475
SOGR	OPNS	FINITE	4.16	CTT051			P	4,802	15,131	17,735	2,594	3,542	-	-	-	-	-	-	-	-	39,002	23,871	43,804
	OPNS		4.16	CTT051			C	(2,217)	(13,037)	(3,553)	2,594	3,542	-	-	-	-	-	-	-	-	(10,454)	2,583	(12,671)
SOGR	OPNS	FINITE	4.16	CTT051	6333	T1 CCTV Camera System	B	370	2,320	2,421	2,203	-	-	-	-	-	-	-			6,944	4,624	7,314
SOGR	OPNS	FINITE	4.16	CTT051			P	136	100	1,250	2,501	2,509	818	-	-	-	-	-	-	-	7,178	7,078	7,314
	OPNS		4.16	CTT051			C	(234)	(2,220)	(1,171)	298	2,509	818	-	-	-	-	-	-	-	234	2,454	-
LEGIS	OPNS	FINITE	4.16	CTT051	6337	T1 Pre-Boarding Announcement System	B	30	3,970	-	-	-	-	-	-	-	-	-			3,970	-	4,000
LEGIS	OPNS	FINITE	4.16	CTT051			P	1,350	2,825	1,211	-	-	-	-	-	-	-	-	-	-	4,036	1,211	5,386
	OPNS		4.16	CTT051			C	1,320	(1,145)	1,211	-	-	-	-	-	-	-	-	-	-	66	1,211	1,386
LEGIS	OPNS	FINITE	4.16	CTT051	6408	AODA Requirements - Subway Fleet	B	744	7,318	-	-	-	-	-	-	-	-	-			7,318	-	8,062
LEGIS	OPNS	FINITE	4.16	CTT051			P	1,747	3,669	1,260	-	-	-	-	-	-	-	-	-	-	4,929	1,260	6,676
	OPNS		4.16	CTT051			C	1,003	(3,649)	1,260	-	-	-	-	-	-	-	-	-	-	(2,389)	1,260	(1,386)
						Sub-Total Subway Car Overhaul	*SB*	74,343	68,157	48,042	19,002	18,120	17,885	15,297	13,232	17,059	17,373	24,415	-	-	258,582	190,425	332,925
							SP	64,484	46,697	56,089	31,807	29,158	17,437	15,494	13,574	18,426	18,480	24,415	25,896	24,281	271,577	250,776	386,238
							SC	(9,859)	(21,460)	8,047	12,805	11,038	(448)	197	342	1,367	1,107	-	25,896	24,281	12,995	60,351	53,313
					4.18 Purchase of Streetcars																		
SOGR	OPNS	FINITE	4.18	CTT122	6437	Purchase of 204 Light Rail Vehicles (LRVs)	B	528,319	174,871	165,928	157,136	160,249	-	-	-	-	-	-			658,184	483,313	1,186,503
SOGR	OPNS	FINITE	4.18	CTT122			P	509,301	66,551	140,216	267,999	190,693	11,743	-	-	-	-	-	-	-	677,202	610,651	1,186,503
	OPNS		4.18	CTT122			C	(19,018)	(108,320)	(25,712)	110,863	30,444	11,743	-	-	-	-	-	-	-	19,018	127,338	-
GROWTH	OPNS	FINITE	4.18	CTT122	6437	Purchase of 60 Light Rail vehicles (LRVs) for Ridership Growth	B	-	-	-	-	-	-	-	-	-	-	-			-	-	-
GROWTH	OPNS	FINITE	4.18	CTT122			P	-	-	275,093	85,792	-	-	-	-	-	-	-	-	-	360,885	360,885	360,885
	OPNS		4.18	CTT122			C	-	-	275,093	85,792	-	-	-	-	-	-	-	-	-	360,885	360,885	360,885
						Sub-Total Purchase of Streetcars	*SB*	528,319	174,871	165,928	157,136	160,249	-	-	-	-	-	-	-	-	658,184	483,313	1,186,503
							SP	509,301	66,551	415,309	353,791	190,693	11,743	-	-	-	-	-	-	-	1,038,087	971,536	1,547,388
							SC	(19,018)	(108,320)	249,381	196,655	30,444	11,743	-	-	-	-	-	-	-	379,903	488,223	360,885
					NON-REVENUE VEHICLES																		
					4.21 Purchase Automotive Non-Revenue Vehicles																		
						Existing Projects																	
SOGR	OPNS	ONGOING	4.21	CTT052	Various	Automotive Non-Revenue Vehicles Purchase - Additions	B	4,675	2,748	100	496	100	100	100	100	100	100	100			4,044	1,296	8,719
SOGR	OPNS	ONGOING	4.21	CTT052			P	798	3,441	1,000	1,000	1,200	100	100	100	100	100	100	100	-	7,241	3,900	8,139
	OPNS		4.21	CTT052			C	(3,877)	693	900	504	1,100	-	-	-	-	-	-	100	-	3,197	2,604	(580)
SOGR	OPNS	ONGOING	4.21	CTT052	Various	Automotive Non-Revenue Vehicles Purchase - Replacements	B	9,063	6,580	3,365	1,976	2,282	3,277	5,777	3,974	5,023	1,964	1,884			36,102	29,522	45,165
SOGR	OPNS	ONGOING	4.21	CTT052			P	2,940	7,952	2,500	2,500	2,500	3,000	3,000	3,200	3,300	2,000	2,000	2,000	-	31,952	26,000	36,892
	OPNS		4.21	CTT052			C	(6,123)	1,372	(865)	524	218	(277)	(2,777)	(774)	(1,723)	36	116	2,000	-	(4,150)	(3,522)	(8,273)
						Sub-Total Purchase Automotive Non-Revenue Vehicles	*SB*	13,738	9,328	3,465	2,472	2,382	3,377	5,877	4,074	5,123	2,064	1,984	-	-	40,146	30,818	53,884
							SP	3,738	11,393	3,500	3,500	3,700	3,100	3,100	3,300	3,400	2,100	2,100	2,100	-	39,193	29,900	45,031
							SC	(10,000)	2,065	35	1,028	1,318	(277)	(2,777)	(774)	(1,723)	36	116	2,100	-	(953)	(918)	(8,853)
					4.22 Rail Non-Revenue Vehicle Overhaul																		
						Existing Projects																	
SOGR	OPNS	ONGOING	4.22	CTT053	7744	Workcar Overhaul Program	B	3,906	448	458	468	482	492	501	513	523	534	550			4,969	4,521	8,875
SOGR	OPNS	ONGOING	4.22	CTT053			P	3,362	392	160	280	220	792	801	513	523	534	550	570	-	4,765	4,943	8,697
	OPNS		4.22	CTT053			C	(544)	(56)	(298)	(188)	(262)	300	300	-	-	-	-	570	-	(204)	422	(178)
SOGR	OPNS	FINITE	4.22	CTT053	6055	Replace H-1 Equipment	B	1,542	535	324	333	-	-	-	-	-	-	-			1,192	657	2,734
SOGR	OPNS	FINITE	4.22	CTT053			P	987	-	-	-	-	-	-	-	-	-	-	-	-	-	-	987
	OPNS		4.22	CTT053			C	(555)	(535)	(324)	(333)	-	-	-	-	-	-	-	-	-	(1,192)	(657)	(1,747)

Category	Resp. Br/Dpt	Type	Program	Capital CTT No.	WO #	DESCRIPTION		CITY to 2015	PROBABLE 2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	POST 2026	2016-2025	2017-2026	EFC
SOGR	OPNS	FINITE	4.22	CTT053	6374	Replace H1 Trucks	B	-	-	118	121	124	127	-	-	-	-	-			490	490	490
SOGR	OPNS	FINITE	4.22	CTT053			P	-	-	-	118	121	124	127	-	-	-	-	-	-	490	490	490
	OPNS		4.22	CTT053			C	-	-	(118)	(3)	(3)	(3)	127	-	-	-	-	-	-	-	-	-
SOGR	OPNS	FINITE	4.22	CTT053	6056	Rebuild RT-41 Tie Tamper	B	2,722	-	-	-	-	-	-	-	-	-	-			-	-	2,722
SOGR	OPNS	FINITE	4.22	CTT053			P	2,105	102	-	-	-	-	-	-	-	-	-	-	-	102	-	2,207
	OPNS		4.22	CTT053			C	(617)	102	-	-	-	-	-	-	-	-	-	-	-	102	-	(515)
SOGR	OPNS	FINITE	4.22	CTT053	6836	Rebuild RT19/20 as Puller / Utility Cars	B	1,821	179	-	-	-	-	-	-	-	-	-			179	-	2,000
SOGR	OPNS	FINITE	4.22	CTT053			P	1,702	298	-	-	-	-	-	-	-	-	-	-	-	298	-	2,000
	OPNS		4.22	CTT053			C	(119)	119	-	-	-	-	-	-	-	-	-	-	-	119	-	-
SOGR	OPNS	FINITE	4.22	CTT053	6848	Upgrade H4 Workcars to ECAM	B	260	357	1,150	1,153	1,159	1,164	1,168	1,172	1,180	1,184	603			10,290	9,933	10,550
SOGR	OPNS	FINITE	4.22	CTT053			P	162	(161)	-	-	-	-	-	-	-	-	-	-	-	(161)	-	1
	OPNS		4.22	CTT053			C	(98)	(518)	(1,150)	(1,153)	(1,159)	(1,164)	(1,168)	(1,172)	(1,180)	(1,184)	(603)	-	-	(10,451)	(9,933)	(10,549)
SOGR	OPNS	FINITE	4.22	CTT053	6985	Auxiliary Power Unit (APU) for RT-74 (1)	B	228	-	-	-	-	-	-	-	-	-	-			-	-	228
SOGR	OPNS	FINITE	4.22	CTT053			P	1	217	-	-	-	-	-	-	-	-	-	-	-	217	-	218
	OPNS		4.22	CTT053			C	(227)	217	-	-	-	-	-	-	-	-	-	-	-	217	-	(10)
						New Projects																	
SOGR	OPNS	FINITE	4.22	CTT053	New	Retrofit of ATP in Existing Workcars (27)	B	-	-	-	-	-	-	-	-	-	-	-			-	-	-
SOGR	OPNS	FINITE	4.22	CTT053			P	-	671	3,293	3,004	3,060	2,365	1,256	1,282	707	-	-	-	-	15,638	14,967	15,638
	OPNS		4.22	CTT053			C	-	671	3,293	3,004	3,060	2,365	1,256	1,282	707	-	-	-	-	15,638	14,967	15,638
SOGR	OPNS	FINITE	4.22	CTT053	New	Overhaul RT-27 (PEV Crane)	B	-	-	-	-	-	-	-	-	-	-	-			-	-	-
SOGR	OPNS	FINITE	4.22	CTT053			P	-	-	-	-	-	386	2,364	-	-	-	-	-	-	2,750	2,750	2,750
	OPNS		4.22	CTT053			C	-	-	-	-	-	386	2,364	-	-	-	-	-	-	2,750	2,750	2,750
						Sub-Total Rail Non-Revenue Vehicle Overhaul	*SB*	10,479	1,519	2,050	2,075	1,765	1,783	1,669	1,685	1,703	1,718	1,153	-	-	17,120	15,601	27,599
							SP	8,319	1,519	3,453	3,402	3,401	3,667	4,548	1,795	1,230	534	550	570	-	24,099	23,150	32,988
							SC	(2,160)	-	1,403	1,327	1,636	1,884	2,879	110	(473)	(1,184)	(603)	570	-	6,979	7,549	5,389
					4.23 Purchase Rail Non-Revenue Vehicles																		
						Existing Projects																	
SI	OPNS	FINITE	4.23	CTT054	6954	Geometric/NDT Track Inspection Workcar (1)	B	-	50	5,400	8,050	-	-	-	-	-	-	-			13,500	13,450	13,500
SI	OPNS	FINITE	4.23	CTT054			P	37	-	49	5,376	8,038	-	-	-	-	-	-	-	-	13,463	13,463	13,500
	OPNS		4.23	CTT054			C	37	(50)	(5,351)	(2,674)	8,038	-	-	-	-	-	-	-	-	(37)	13	-
SOGR	OPNS	FINITE	4.23	CTT054	TBD	Replace RT 7 Locomotive	B	-	-	-	604	4,107	-	-	-	-	-	-			4,711	4,711	4,711
SOGR	OPNS	FINITE	4.23	CTT054			P	-	-	-	-	-	604	4,107	-	-	-	-	-	-	4,711	4,711	4,711
	OPNS		4.23	CTT054			C	-	-	-	(604)	(4,107)	604	4,107	-	-	-	-	-	-	-	-	-
SOGR	OPNS	FINITE	4.23	CTT054	TBD	Replace RT 16 & 17 Tunnel Washer	B	-	-	-	306	2,528	2,350	-	-	-	-	-			5,184	5,184	5,184
SOGR	OPNS	FINITE	4.23	CTT054			P	-	-	-	-	-	307	2,527	2,350	-	-	-	-	-	5,184	5,184	5,184
	OPNS		4.23	CTT054			C	-	-	-	(306)	(2,528)	(2,043)	2,527	2,350	-	-	-	-	-	-	-	-
SOGR	OPNS	FINITE	4.23	CTT054	6837	Dual Cab Electric Flatcar - Communication	B	1,250	-	-	-	-	-	-	-	-	-	-			-	-	1,250
SOGR	OPNS	FINITE	4.23	CTT054			P	976	274	-	-	-	-	-	-	-	-	-	-	-	274	-	1,250
	OPNS		4.23	CTT054			C	(274)	274	-	-	-	-	-	-	-	-	-	-	-	274	-	-
SOGR	OPNS	FINITE	4.23	CTT054	6838	Multi-purpose Tamper	B	213	656	-	-	-	-	-	-	-	-	-			656	-	869
SOGR	OPNS	FINITE	4.23	CTT054			P	34	-	-	976	1,491	2,299	-	-	-	-	-	-	-	4,766	4,766	4,800
	OPNS		4.23	CTT054			C	(179)	(656)	-	976	1,491	2,299	-	-	-	-	-	-	-	4,110	4,766	3,931
SOGR	OPNS	FINITE	4.23	CTT054	6971	Electric Combo Flatcars	B	53	742	1,319	886	-	-	-	-	-	-	-			2,947	2,205	3,000
SOGR	OPNS	FINITE	4.23	CTT054			P	45	432	563	942	822	196	-	-	-	-	-	-	-	2,955	2,523	3,000
	OPNS		4.23	CTT054			C	(8)	(310)	(756)	56	822	196	-	-	-	-	-	-	-	8	318	-
SOGR	OPNS	FINITE	4.23	CTT054	6760	Replace RT-43/44 and RT-14/15	B	2,739	403	-	-	-	-	-	-	-	-	-			403	-	3,142
SOGR	OPNS	FINITE	4.23	CTT054			P	2,333	809	-	-	-	-	-	-	-	-	-	-	-	809	-	3,142
	OPNS		4.23	CTT054			C	(406)	406	-	-	-	-	-	-	-	-	-	-	-	406	-	-
SOGR	OPNS	FINITE	4.23	CTT054	6981	Paper Vacuum Workcar	B	428	2,690	2,882	-	-	-	-	-	-	-	-			5,572	2,882	6,000
SOGR	OPNS	FINITE	4.23	CTT054			P	489	1,940	3,571	-	-	-	-	-	-	-	-	-	-	5,511	3,571	6,000
	OPNS		4.23	CTT054			C	61	(750)	689	-	-	-	-	-	-	-	-	-	-	(61)	689	-
SOGR	OPNS	FINITE	4.23	CTT054	6982	Vacuum Excavator (2)	B	1,266	4,241	926	-	-	-	-	-	-	-	-			5,167	926	6,433
SOGR	OPNS	FINITE	4.23	CTT054			P	308	445	1,022	3,791	867	-	-	-	-	-	-	-	-	6,125	5,680	6,433
	OPNS		4.23	CTT054			C	(958)	(3,796)	96	3,791	867	-	-	-	-	-	-	-	-	958	4,754	-
SOGR	OPNS	FINITE	4.23	CTT054	6983	Production Tamper	B	927	1,507	2,366	-	-	-	-	-	-	-	-			3,873	2,366	4,800
SOGR	OPNS	FINITE	4.23	CTT054			P	6	972	1,515	2,307	-	-	-	-	-	-	-	-	-	4,794	3,822	4,800
	OPNS		4.23	CTT054			C	(921)	(535)	(851)	2,307	-	-	-	-	-	-	-	-	-	921	1,456	-
SOGR	OPNS	FINITE	4.23	CTT054	6984	Crane Flatcar (2)	B	476	1,544	1,180	-	-	-	-	-	-	-	-			2,724	1,180	3,200
SOGR	OPNS	FINITE	4.23	CTT054			P	199	1,690	1,311	-	-	-	-	-	-	-	-	-	-	3,001	1,311	3,200
	OPNS		4.23	CTT054			C	(277)	146	131	-	-	-	-	-	-	-	-	-	-	277	131	-
SI	OPNS	FINITE	4.23	CTT054	6375	Rail Milling Workcar (1)	B	-	20	1,248	4,976	6,256	-	-	-	-	-	-			12,500	12,480	12,500
SI	OPNS	FINITE	4.23	CTT054			P	-	-	42	1,257	4,964	6,237	-	-	-	-	-	-	-	12,500	12,500	12,500
	OPNS		4.23	CTT054			C	-	(20)	(1,206)	(3,719)	(1,292)	6,237	-	-	-	-	-	-	-	-	20	-

Category	Resp. Br/Dpt	Type	Program	Capital CTT No.	WO #	DESCRIPTION		CITY to 2015	PROBABLE 2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	POST 2026	2016-2025	2017-2026	EFC
						New Projects																	
SOGR	OPNS	FINITE	4.23	CTT054	New	RT-5, 29, 28 & 55 Replacements (4)	B	-	-	-	-	-	-	-	-	-	-	-			-	-	-
SOGR	OPNS	FINITE	4.23	CTT054			P	-	-	-	-	34	2,013	1,528	2,078	1,992	-	-	-	-	7,645	7,645	7,645
	OPNS		4.23	CTT054			C	-	-	-	-	34	2,013	1,528	2,078	1,992	-	-	-	-	7,645	7,645	7,645
SOGR	OPNS	FINITE	4.23	CTT054	New	Dual Cab Electric Flatcar (1)	B	-	-	-	-	-	-	-	-	-	-	-			-	-	-
SOGR	OPNS	FINITE	4.23	CTT054			P	-	-	-	-	-	34	1,433	376	-	-	-	-	-	1,843	1,843	1,843
	OPNS		4.23	CTT054			C	-	-	-	-	-	34	1,433	376	-	-	-	-	-	1,843	1,843	1,843
						Sub-Total Purchase Rail Non-Revenue Vehicles	*SB*	7,352	11,853	15,321	14,822	12,891	2,350	-	-	-	-	-	-	-	57,237	45,384	64,589
							SP	4,427	6,562	8,073	14,649	16,216	11,690	9,595	4,804	1,992	-	-	-	-	73,581	67,019	78,008
							SC	(2,925)	(5,291)	(7,248)	(173)	3,325	9,340	9,595	4,804	1,992	-	-	-	-	16,344	21,635	13,419
						TOOLING, MACHINERY & EQUIPMENT																	
						5.1 Shop Equipment																	
						Annual Programs																	
						Bus Maintenance																	
SOGR	OPNS	ONGOING	5.1	CTT055	Various	Bus Maintenance & Shops Department - Shop Equipment	B	4,476	4,903	2,226	1,744	1,363	1,141	1,170	1,199	1,229	1,260	1,285			17,520	12,617	21,996
SOGR	OPNS	ONGOING	5.1	CTT055			P	3,496	3,129	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	-	12,129	10,000	16,625
	OPNS		5.1	CTT055			C	(980)	(1,774)	(1,226)	(744)	(363)	(141)	(170)	(199)	(229)	(260)	(285)	1,000	-	(5,391)	(2,617)	(5,371)
						Rail Cars & Shops																	
SOGR	OPNS	ONGOING	5.1	CTT055	Various	Street Car Carhouse Shop Equipment	B	1,240	163	103	113	123	123	123	623	125	125	122			1,743	1,580	2,983
SOGR	OPNS	ONGOING	5.1	CTT055			P	490	983	203	113	123	123	123	523	125	125	52	125	-	2,493	1,635	3,108
	OPNS		5.1	CTT055			C	(750)	820	100	-	-	-	-	(100)	-	-	(70)	125	-	750	55	125
SOGR	OPNS	ONGOING	5.1	CTT055	Various	Greenwood Shop/Subway/SRT Car Carhouse Shop Equipment	B	1,962	3,760	1,070	606	616	616	616	616	631	640	650			9,821	6,061	11,783
SOGR	OPNS	ONGOING	5.1	CTT055			P	837	4,946	1,070	1,306	616	616	616	616	631	640	650	780	-	11,707	7,541	13,324
	OPNS		5.1	CTT055			C	(1,125)	1,186	-	700	-	-	-	-	-	-	-	780	-	1,886	1,480	1,541
						Vehicle Engineering - Rubber Tired Shop Equipment																	
SOGR	OPNS	ONGOING	5.1	CTT055	Various	Vehicle Engineering Rubber Tire Shop Equipment	B	2,978	1,195	359	2,405	101	925	370	89	90	90	471			6,095	4,900	9,073
SOGR	OPNS	ONGOING	5.1	CTT055			P	645	1,913	859	1,000	101	500	370	200	200	200	200	200	-	5,543	3,830	6,388
	OPNS		5.1	CTT055			C	(2,333)	718	500	(1,405)	-	(425)	-	111	110	110	(271)	200	-	(552)	(1,070)	(2,685)
						Miscellaneous																	
SOGR	CORP	ONGOING	5.1	CTT055	6978	Shop Equipment - Material Management - Warehouse & Material Ha	B	3,209	567	517	199	205	211	42	43	44	45	45			1,918	1,351	5,127
SOGR	CORP	ONGOING	5.1	CTT055			P	3,041	477	348	470	40	41	42	43	44	45	45	46	-	1,595	1,164	4,682
	CORP		5.1	CTT055			C	(168)	(90)	(169)	271	(165)	(170)	-	-	-	-	-	46	-	(323)	(187)	(445)
						Sub-Total Shop Equipment & Major Tools	*SB*	13,865	10,588	4,275	5,067	2,408	3,016	2,321	2,570	2,119	2,160	2,573	-	-	37,097	26,509	50,962
							SP	8,509	11,448	3,480	3,889	1,880	2,280	2,151	2,382	2,000	2,010	1,947	2,151	-	33,467	24,170	44,127
							SC	(5,356)	860	(795)	(1,178)	(528)	(736)	(170)	(188)	(119)	(150)	(626)	2,151	-	(3,630)	(2,339)	(6,835)
						5.2 Revenue & Fare Handling Equipment																	
						Existing Projects																	
SOGR	ST&CE	FINITE	5.2	CTT056	7737	Turnstile Replacement - Faregates	B	4,775	35,600	7,600	-	-	-	-	-	-	-	-			43,200	7,600	47,975
SOGR	ST&CE	FINITE	5.2	CTT056			P	3,411	36,964	7,600	-	-	-	-	-	-	-	-	-	-	44,564	7,600	47,975
	ST&CE		5.2	CTT056			C	(1,364)	1,364	-	-	-	-	-	-	-	-	-	-	-	1,364	-	-
SOGR	OPNS	ONGOING	5.2	CTT056	6025	Revenue and Fare Handeling Equipment	B	2,317	275	75	75	75	250	250	250	250	300	300			2,100	1,825	4,417
SOGR	OPNS	ONGOING	5.2	CTT056			P	1,406	95	400	185	175	250	250	250	250	300	300	300	-	2,455	2,660	4,161
	OPNS		5.2	CTT056			C	(911)	(180)	325	110	100	-	-	-	-	-	-	300	-	355	835	(256)
GROWTH	OPNS	FINITE	5.2	CTT056	6612	Revenue Operations Business Continuity	B	-	1,060	-	-	-	-	-	-	-	-	-			1,060	-	1,060
GROWTH	OPNS	FINITE	5.2	CTT056			P	-	-	-	1,060	-	-	-	-	-	-	-	-	-	1,060	1,060	1,060
	OPNS		5.2	CTT056			C	-	(1,060)	-	1,060	-	-	-	-	-	-	-	-	-	-	1,060	-
						Sub-Total Revenue & Fare Handling Equipment	*SB*	7,092	36,935	7,675	75	75	250	250	250	250	300	300	-	-	46,360	9,425	53,452
							SP	4,817	37,059	8,000	1,245	175	250	250	250	250	300	300	300	-	48,079	11,320	53,196
							SC	(2,275)	124	325	1,170	100	-	-	-	-	-	-	300	-	1,719	1,895	(256)
						5.3 Other Maintenance Equipment																	
						Annual Programs																	
SOGR	OPNS	ONGOING	5.3	CTT113	Various	Plant Maintenance Department Equipment	B	1,046	750	455	600	600	600	600	600	600	600	745			6,150	5,400	7,196
SOGR	OPNS	ONGOING	5.3	CTT113			P	1,022	774	455	600	600	600	600	600	600	600	745	767	-	6,174	6,167	7,963
	OPNS		5.3	CTT113			C	(24)	24	-	-	-	-	-	-	-	-	-	767	-	24	767	767
SOGR	OPNS	ONGOING	5.3	CTT113	Various	Subway Infrastructure Department Equipment	B	5,737	2,094	282	282	282	282	282	282	282	282	928			5,278	3,184	11,015
SOGR	OPNS	ONGOING	5.3	CTT113			P	1,044	1,522	782	2,782	354	282	282	282	282	282	282	282	-	7,132	5,892	8,458
	OPNS		5.3	CTT113			C	(4,693)	(572)	500	2,500	72	-	-	-	-	-	(646)	282	-	1,854	2,708	(2,557)
SOGR	OPNS	ONGOING	5.3	CTT113	Various	5.3 Streetcar Department Equipment	B	2,367	4,588	138	138	138	138	138	138	138	138	138			5,830	1,242	8,197
SOGR	OPNS	ONGOING	5.3	CTT113			P	1,913	606	1,000	3,600	250	138	138	138	138	138	138	138	-	6,284	5,816	8,335
	OPNS		5.3	CTT113			C	(454)	(3,982)	862	3,462	112	-	-	-	-	-	-	138	-	454	4,574	138

Category	Resp. Br/Dpt	Type	Program	Capital CTT No.	WO #	DESCRIPTION		CITY to 2015	PROBABLE 2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	POST 2026	2016-2025	2017-2026	EFC
SOGR	OPNS	ONGOING	5.3	CTT113	6179	Revenue Operations Maintenance Equipment	B	110	90	50	50	50	50	50	50	50	50	50			540	450	650
SOGR	OPNS	ONGOING	5.3	CTT113			P	25	50	25	25	25	25	25	25	25	25	25	25	-	275	250	325
	OPNS		5.3	CTT113			C	(85)	(40)	(25)	(25)	(25)	(25)	(25)	(25)	(25)	(25)	(25)	25	-	(265)	(200)	(325)
SOGR	SRDEL	ONGOING	5.3	CTT113	6169	Station Services Equipment	B	171	78	351	155	81	83	84	143	88	90	-			1,153	1,075	1,324
SOGR	SRDEL	ONGOING	5.3	CTT113			P	151	186	351	155	81	83	84	143	88	90	92	94	-	1,353	1,261	1,598
	SRDEL		5.3	CTT113			C	(20)	108	-	-	-	-	-	-	-	-	92	94	-	200	186	274
						Sub-Total Other Maintenance Equipment	*SB*	9,431	7,600	1,276	1,225	1,151	1,153	1,154	1,213	1,158	1,160	1,861	-	-	18,951	11,351	28,382
							SP	4,155	3,138	2,613	7,162	1,310	1,128	1,129	1,188	1,133	1,135	1,282	1,306	-	21,218	19,386	26,679
							SC	(5,276)	(4,462)	1,337	5,937	159	(25)	(25)	(25)	(25)	(25)	(579)	1,306	-	2,267	8,035	(1,703)
					5.4 FARE SYSTEM																		
						TTC/GTA Farecard																	
GROWTH	EXEC	FINITE	5.4	CTT141	6385	TTC-PRESTO Project	B	22,157	12,700	6,984	2,159	-	-	-	-	-	-	-			21,843	9,143	44,000
GROWTH	EXEC	FINITE	5.4	CTT141			P	20,525	12,700	8,616	2,159	-	-	-	-	-	-	-	-	-	23,475	10,775	44,000
	EXEC		5.4	CTT141			C	(1,632)	-	1,632	-	-	-	-	-	-	-	-	-	-	1,632	1,632	-
						POP Legacy																	
SOGR	OPNS	FINITE	5.4	CTT141	6388	POP Legacy Fare Collection	B	1,631	295	571	577	483	-	-	-	-	-	-			1,926	1,631	3,557
SOGR	OPNS	FINITE	5.4	CTT141			P	1,142	738	175	125	-	-	-	-	-	-	-	-	-	1,038	300	2,180
	OPNS		5.4	CTT141			C	(489)	443	(396)	(452)	(483)	-	-	-	-	-	-	-	-	(888)	(1,331)	(1,377)
						Sub-Total Other Fare system Equipment	*SB*	23,788	12,995	7,555	2,736	483	-	-	-	-	-	-	-	-	23,769	10,774	47,557
							SP	21,667	13,438	8,791	2,284	-	-	-	-	-	-	-	-	-	24,513	11,075	46,180
							SC	(2,121)	443	1,236	(452)	(483)	-	-	-	-	-	-	-	-	744	301	(1,377)
					ENVIRONMENTAL ISSUES																		
					6.1 Environmental Programs																		
						Existing Projects																	
LEGIS	OPNS	ONGOING	6.1	CTT058	6142	Subway Asbestos Removal Program	B	45,067	4,845	4,942	5,142	5,246	5,349	5,463	5,565	5,676	5,790	5,934			53,952	49,107	99,019
LEGIS	OPNS	ONGOING	6.1	CTT058			P	43,017	3,000	3,200	3,400	3,500	3,600	3,700	3,800	3,900	4,000	4,100	4,200	-	36,200	37,400	83,417
	OPNS		6.1	CTT058			C	(2,050)	(1,845)	(1,742)	(1,742)	(1,746)	(1,749)	(1,763)	(1,765)	(1,776)	(1,790)	(1,834)	4,200	-	(17,752)	(11,707)	(15,602)
LEGIS	EC&E	FINITE	6.1	CTT058	6567	Garage Subsurface Remediation Program	B	2,598	379	324	320	1,685	1,499	7,533	675	-	-	-			12,415	12,036	15,013
LEGIS	EC&E	FINITE	6.1	CTT058			P	2,787	612	415	365	355	2,111	7,693	675	-	-	-	-	-	12,226	11,614	15,013
	EC&E		6.1	CTT058			C	189	233	91	45	(1,330)	612	160	-	-	-	-	-	-	(189)	(422)	-
LEGIS	EC&E	FINITE	6.1	CTT058	7236	Storage Tank Replacements	B	22,794	5,113	6,507	10,158	1,517	1,640	500	-	-	-	-			25,435	20,322	48,229
LEGIS	EC&E	FINITE	6.1	CTT058			P	23,674	4,764	3,507	5,930	1,610	3,610	5,134	-	-	-	-	-	-	24,555	19,791	48,229
	EC&E		6.1	CTT058			C	880	(349)	(3,000)	(4,228)	93	1,970	4,634	-	-	-	-	-	-	(880)	(531)	-
						Sub-Total Environmental Programs	*SB*	70,459	10,337	11,773	15,620	8,448	8,488	13,496	6,240	5,676	5,790	5,934	-	-	91,802	81,465	162,261
							SP	69,478	8,376	7,122	9,695	5,465	9,321	16,527	4,475	3,900	4,000	4,100	4,200	-	72,981	68,805	146,659
							SC	(981)	(1,961)	(4,651)	(5,925)	(2,983)	833	3,031	(1,765)	(1,776)	(1,790)	(1,834)	4,200	-	(18,821)	(12,660)	(15,602)
					COMPUTER EQUIPMENT & SOFTWARE																		
					7.1 IT Systems / Infrastructure																		
						7.10 Service and Program Management																	
SOGR	ITS	FINITE	7.1	CTT061	Various	7.10 Service and Program Management	B	4,194	1,418	990	800	744	10,400	6,400	6,400	6,400	1,875	-			35,427	34,009	39,621
SOGR	ITS	FINITE	7.1	CTT061			P	3,913	1,761	990	800	744	438	300	5,960	5,959	2,896	200	15,435	-	20,048	33,722	39,396
	ITS		7.1	CTT061			C	(281)	343	-	-	-	(9,962)	(6,100)	(440)	(441)	1,021	200	15,435	-	(15,379)	(287)	(225)
						7.11 Financial Management																	
SOGR	ITS	FINITE	7.1	CTT061	Various	7.11 Financial Management	B	50	150	-	-	-	-	-	-	-	-	-			150	-	200
SOGR	ITS	FINITE	7.1	CTT061			P	9	191	-	-	-	-	-	-	-	-	-	-	-	191	-	200
	ITS		7.1	CTT061			C	(41)	41	-	-	-	-	-	-	-	-	-	-	-	41	-	-
SOGR	ITS	FINITE	7.1	CTT061	6814	7.11A SAP - ERP Implementation Program	B	3,981	21,187	18,905	11,454	7,661	-	-	-	-	-	-			59,207	38,020	63,188
SOGR	ITS	FINITE	7.1	CTT061			P	6,103	16,755	18,905	13,245	8,180	-	-	-	-	-	-	-	-	57,085	40,330	63,188
	ITS		7.1	CTT061			C	2,122	(4,432)	-	1,791	519	-	-	-	-	-	-	-	-	(2,122)	2,310	-
						7.12 Supply Chain Management																	
SOGR	ITS	FINITE	7.1	CTT061	Various	7.12 Supply Chain Management	B	-	-	-	-	-	-	-	-	-	-	-			-	-	-
SOGR	ITS	FINITE	7.1	CTT061			P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	ITS		7.1	CTT061			C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						7.13 Risk Management																	
SOGR	ITS	FINITE	7.1	CTT061	Various	7.13 Risk Management	B	2,945	1,584	284	200	-	-	-	-	-	-	-			2,068	484	5,013
SOGR	ITS	FINITE	7.1	CTT061			P	3,202	1,691	1,850	200	-	-	-	-	-	-	-	-	-	3,741	2,050	6,943
	ITS		7.1	CTT061			C	257	107	1,566	-	-	-	-	-	-	-	-	-	-	1,673	1,566	1,930
						7.14 Customer Management																	
SOGR	ITS	FINITE	7.1	CTT061	Various	7.14 Customer Management	B	2,321	5,213	4,854	2,400	1,500	-	-	-	-	-	-			13,967	8,754	16,288
SOGR	ITS	FINITE	7.1	CTT061			P	1,682	2,100	4,997	4,000	2,000	1,163	-	-	-	-	-	-	-	14,260	12,160	15,942
	ITS		7.1	CTT061			C	(639)	(3,113)	143	1,600	500	1,163	-	-	-	-	-	-	-	293	3,406	(346)

Category	Resp. Br/Dpt	Type	Program	Capital CTT No.	WO #	DESCRIPTION		CITY to 2015	PROBABLE 2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	POST 2026	2016-2025	2017-2026	EFC
						7.15 Service Delivery Management																	
SOGR	ITS	FINITE	7.1	CTT061	Various	7.15 Service Delivery Management	B	5,768	122	-	-	-	-	-	-	-	-	-			122	-	5,890
SOGR	ITS	FINITE	7.1	CTT061			P	5,575	881	-	-	-	-	-	-	-	-	-	-	-	881	-	6,456
	ITS		7.1	CTT061			C	(193)	759	-	-	-	-	-	-	-	-	-	-	-	759	-	566
SOGR	ITS	FINITE	7.1	CTT061	6868	7.15A VISION Program (Formerly CAD / AVL System)	B	2,263	22,500	35,000	22,000	8,400	25,200	-	-	-	-	-			113,100	90,600	115,363
SOGR	ITS	FINITE	7.1	CTT061			P	2,835	9,000	21,200	47,000	5,000	30,328	-	-	-	-	-	-	-	112,528	103,528	115,363
	ITS		7.1	CTT061			C	572	(13,500)	(13,800)	25,000	(3,400)	5,128	-	-	-	-	-	-	-	(572)	12,928	-
						7.16 Human Resource Management																	
SOGR	ITS	FINITE	7.1	CTT061	Various	7.16 Human Resource Management	B	4,017	300	90	-	-	-	-	-	-	-	-			390	90	4,407
SOGR	ITS	FINITE	7.1	CTT061			P	3,561	556	290	-	-	-	-	-	-	-	-	-	-	846	290	4,407
	ITS		7.1	CTT061			C	(456)	256	200	-	-	-	-	-	-	-	-	-	-	456	200	-
						7.17 Information Management																	
SOGR	ITS	FINITE	7.1	CTT061	Various	7.17 Information Management	B	17,355	4,937	2,380	532	200	190	-	-	-	-	-			8,239	3,302	25,594
SOGR	ITS	FINITE	7.1	CTT061			P	17,063	4,427	3,651	3,297	600	200	190	-	-	-	-	-	-	12,365	7,938	29,428
	ITS		7.1	CTT061			C	(292)	(510)	1,271	2,765	400	10	190	-	-	-	-	-	-	4,126	4,636	3,834
						7.18 Process Management																	
SOGR	ITS	FINITE	7.1	CTT061	Various	7.18 Process Management	B	-	-	-	-	-	-	-	-	-	-	-			-	-	-
SOGR	ITS	FINITE	7.1	CTT061			P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	ITS		7.1	CTT061			C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						7.19 Asset Management																	
SOGR	ITS	FINITE	7.1	CTT061	Various	7.19 Asset Management	B	5,467	4,634	3,990	-	-	-	-	-	-	-	-			8,624	3,990	14,091
SOGR	ITS	FINITE	7.1	CTT061			P	5,521	4,358	5,109	190	-	-	-	-	-	-	-	-	-	9,657	5,299	15,178
	ITS		7.1	CTT061			C	54	(276)	1,119	190	-	-	-	-	-	-	-	-	-	1,033	1,309	1,087
SOGR	ITS	FINITE	7.1	CTT061	6739	7.19A SMS Work Order System SOGR	B	-	1,000	2,000	2,000	5,000	5,000	-	-	-	-	-			15,000	14,000	15,000
SOGR	ITS	FINITE	7.1	CTT061			P	-	100	2,000	2,000	5,000	4,000	1,900	-	-	-	-	-	-	15,000	14,900	15,000
	ITS		7.1	CTT061			C	-	(900)	-	-	-	(1,000)	1,900	-	-	-	-	-	-	-	900	-
						7.20 IT Infrastructure Management																	
SOGR	ITS	FINITE	7.1	CTT061	Various	7.20 IT Infrastructure Management	B	33,633	22,408	18,625	12,237	7,320	6,380	10,295	8,014	7,800	7,800	7,542			108,421	86,013	142,054
SOGR	ITS	FINITE	7.1	CTT061			P	32,492	25,247	20,868	14,383	8,419	6,835	10,020	7,970	7,805	7,950	7,773	19,565	-	117,270	111,588	169,327
	ITS		7.1	CTT061			C	(1,141)	2,839	2,243	2,146	1,099	455	(275)	(44)	5	150	231	19,565	-	8,849	25,575	27,273
					Other Dept. IT Projects																		
SOGR	EC&E	ONGOING	7.1	CTT061	6945	CADD Hardware & Software	B	2,404	424	234	235	234	380	325	333	338	343	351			3,197	2,773	5,601
SOGR	EC&E	ONGOING	7.1	CTT061			P	2,108	424	260	235	234	380	225	333	338	343	351	359	-	3,123	3,058	5,590
	EC&E		7.1	CTT061			C	(296)	-	26	-	-	-	(100)	-	-	-	-	359	-	(74)	285	(11)
SOGR	OPNS	ONGOING	7.1	CTT061	6312	Operations Computer Infrastructure	B	4,697	3,053	931	829	908	884	978	850	750	780	796			10,759	7,706	15,456
SOGR	OPNS	ONGOING	7.1	CTT061			P	3,758	2,172	2,751	829	908	884	978	850	750	780	796	958	-	11,698	10,484	16,414
	OPNS		7.1	CTT061			C	(939)	(881)	1,820	-	-	-	-	-	-	-	-	958	-	939	2,778	958
						Sub-Total Corporate Systems	*SB*	89,095	88,930	88,283	52,687	31,967	48,434	17,998	15,597	15,288	10,798	8,689	-	-	378,671	289,741	467,766
							SP	87,822	69,663	82,871	86,179	31,085	44,228	13,613	15,113	14,852	11,969	9,120	36,317	-	378,693	345,347	502,832
							SC	(1,273)	(19,267)	(5,412)	33,492	(882)	(4,206)	(4,385)	(484)	(436)	1,171	431	36,317	-	22	55,606	35,066
					OTHER																		
					9.1 Furniture & Office Equipment																		
						Annual Programs																	
SOGR	ST&CE	ONGOING	9.1	CTT062	6979	9.1 Graphic Services Equipment Replacement	B	2,346	97	370	236	149	557	295	103	355	95	340			2,597	2,500	4,943
SOGR	ST&CE	ONGOING	9.1	CTT062			P	2,086	326	375	241	139	557	295	103	355	95	365	115	-	2,851	2,640	5,052
	ST&CE		9.1	CTT062			C	(260)	229	5	5	(10)	-	-	-	-	-	25	115	-	254	140	109
SOGR	EC&E	ONGOING	9.1	CTT062	6946	Furniture & Office Equipment	B	795	112	116	119	123	126	130	134	137	140	143			1,280	1,168	2,075
SOGR	EC&E	ONGOING	9.1	CTT062			P	640	267	116	119	123	126	130	134	137	140	143	146	-	1,435	1,314	2,221
	EC&E		9.1	CTT062			C	(155)	155	-	-	-	-	-	-	-	-	-	146	-	155	146	146
						Sub-Total Other - Furniture & Office Equipment	*SB*	3,141	209	486	355	272	683	425	237	492	235	483	-	-	3,877	3,668	7,018
							SP	2,726	593	491	360	262	683	425	237	492	235	508	261	-	4,286	3,954	7,273
							SC	(415)	384	5	5	(10)	-	-	-	-	-	25	261	-	409	286	255
					OTHER																		
					9.2 Service Planning																		
						Annual Programs																	
SI	ST&CE	ONGOING	9.2	CTT063	6391	Transit Priorities	B	5,681	2,068	2,685	2,035	2,035	2,035	2,035	2,035	2,035	2,035	2,035			21,033	18,965	26,714
SI	ST&CE	ONGOING	9.2	CTT063			P	2,716	1,518	6,199	2,035	2,035	2,035	2,035	2,035	2,035	2,035	2,035	2,035	-	23,997	24,514	28,748
	ST&CE		9.2	CTT063			C	(2,965)	(550)	3,514	-	-	-	-	-	-	-	-	2,035	-	2,964	5,549	2,034
						Existing Projects																	
SI	ST&CE	FINITE	9.2	CTT063	7551	Automatic Passenger Counting (APC) Implementation Program	B	5,900	90	-	-	-	-	-	-	-	-	-			90	-	5,990
SI	ST&CE	FINITE	9.2	CTT063			P	4,988	1,392	4,464	4,464	-	-	-	-	-	-	-	-	-	10,320	8,928	15,308
	ST&CE		9.2	CTT063			C	(912)	1,302	4,464	4,464	-	-	-	-	-	-	-	-	-	10,230	8,928	9,318

Category	Resp. Br/Dpt	Type	Program	Capital CTT No.	WO #	DESCRIPTION		CITY to 2015	PROBABLE 2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	POST 2026	2016-2025	2017-2026	EFC
GROWTH	ST&CE	FINITE	9.2	CTT063	6362	Construct BRT Lines on the Avenues - Enviromental Assessment	B	910	600	600	601	-	-	-	-	-	-	-			1,801	1,201	2,711
GROWTH	ST&CE	FINITE	9.2	CTT063			P	310	600	600	600	601	-	-	-	-	-	-	-	-	2,401	1,801	2,711
	ST&CE		9.2	CTT063			C	(600)	-	-	(1)	601	-	-	-	-	-	-	-	-	600	600	-
SI	ST&CE	FINITE	9.2	CTT063	6417	Automatic Passenger Counting (APC) Equipment on Articulated	B	495	1,085	-	-	-	-	-	-	-	-	-			1,085	-	1,580
SI	ST&CE	FINITE	9.2	CTT063			P	219	1,302	59	-	-	-	-	-	-	-	-	-	-	1,361	59	1,580
	ST&CE		9.2	CTT063			C	(276)	217	59	-	-	-	-	-	-	-	-	-	-	276	59	-
SOGR	ST&CE	FINITE	9.2	CTT063	6418	Platform Modifications to Accommodate Articualted Buses	B	1,250	750	-	-	-	-	-	-	-	-	-			750	-	2,000
SOGR	ST&CE	FINITE	9.2	CTT063			P	-	1,250	16,750	4,000	-	-	-	-	-	-	-	-	-	22,000	20,750	22,000
	ST&CE		9.2	CTT063			C	(1,250)	500	16,750	4,000	-	-	-	-	-	-	-	-	-	21,250	20,750	20,000
SI	ST&CE	FINITE	9.2	CTT063	6462	Automatic Passenger Counting (APC) Equipment on Future Bus and Streetcar Orders	B	773	327	150	600	600	600	-	-	-	-	-			2,277	1,950	3,050
SI	ST&CE	FINITE	9.2	CTT063			P	649	451	500	376	474	600	-	-	-	-	-	-	-	2,401	1,950	3,050
	ST&CE		9.2	CTT063			C	(124)	124	350	(224)	(126)	-	-	-	-	-	-	-	-	124	-	-
LEGIS	ST&CE	FINITE	9.2	CTT063	6712	Bus Stop Improvements for Accessibility	B	200	200	200	200	200	200	200	200	200	200	-			1,800	1,600	2,000
LEGIS	ST&CE	FINITE	9.2	CTT063			P	-	600	16,000	4,200	200	200	200	200	200	200	-	-	-	22,000	21,400	22,000
	ST&CE		9.2	CTT063			C	(200)	400	15,800	4,000	-	-	-	-	-	-	-	-	-	20,200	19,800	20,000
SI	ST&CE	FINITE	9.2	CTT063	6713	Opportunties to Improve Transit Service - Transit Priority Measures	B	2,400	2,400	2,400	2,400	2,400	-	-	-	-	-	-			9,600	7,200	12,000
SI	ST&CE	FINITE	9.2	CTT063			P	-	500	17,900	6,400	2,400	2,400	2,400	-	-	-	-	-	-	32,000	31,500	32,000
	ST&CE		9.2	CTT063			C	(2,400)	(1,900)	15,500	4,000	-	2,400	2,400	-	-	-	-	-	-	22,400	24,300	20,000
						Sub-Total Other - Service Planning	*SB*	17,609	7,520	6,035	5,836	5,235	2,835	2,235	2,235	2,235	2,235	2,035	-	-	38,436	30,916	56,045
							SP	8,882	7,613	62,472	22,075	5,710	5,235	4,635	2,235	2,235	2,235	2,035	2,035	-	116,480	110,902	127,397
							SC	(8,727)	93	56,437	16,239	475	2,400	2,400	-	-	-	-	2,035	-	78,044	79,986	71,352
						FUNDED BASE CAPITAL PROGRAM		**6,574,472**	**1,118,765**	**1,213,412**	**1,032,502**	**947,593**	**569,032**	**440,880**	**346,002**	**342,090**	**337,977**	**297,475**	**-**	**-**	**6,645,729**	**5,526,964**	**13,220,201**
								6,415,214	**995,537**	**1,561,444**	**1,542,025**	**1,160,737**	**882,153**	**730,859**	**843,135**	**682,517**	**603,832**	**698,018**	**735,528**	**1,476,415**	**9,700,257**	**9,440,248**	**18,327,414**
								(159,258)	**(123,228)**	**348,032**	**509,523**	**213,144**	**313,121**	**289,979**	**497,133**	**340,427**	**265,855**	**400,543**	**735,528**	**1,476,415**	**3,054,528**	**3,913,284**	**5,107,213**
COMPL	VAR		Var		Various	Completed Project Items - details available from Finance Capital Act	*CB*	895,338	-	-	-	-	-	-	-	-	-	-	-	-		-	895,338
COMPL	VAR		Var				*CP*	893,533	-	-	-	-	-	-	-	-	-	-	-	-		-	893,533
	VAR		Var				*CC*	(1,805)	-	-	-	-	-	-	-	-	-	-	-	-		-	(1,805)
						TOTAL - BASE CAPITAL PROGRAM INCLUDING COMPLETED PROJECT		**7,469,810**	**1,118,765**	**1,213,412**	**1,032,502**	**947,593**	**569,032**	**440,880**	**346,002**	**342,090**	**337,977**	**297,475**	**-**	**-**	**6,645,729**	**5,526,964**	**14,115,539**
								7,308,747	**995,537**	**1,561,444**	**1,542,025**	**1,160,737**	**882,153**	**730,859**	**843,135**	**682,517**	**603,832**	**698,018**	**735,528**	**1,476,415**	**9,700,257**	**9,440,248**	**19,220,947**
								(161,063)	**(123,228)**	**348,032**	**509,523**	**213,144**	**313,121**	**289,979**	**497,133**	**340,427**	**265,855**	**400,543**	**735,528**	**1,476,415**	**3,054,528**	**3,913,284**	**5,105,408**

Note: The 2016 to 2025 Council Approved Capital Budget has been adjusted for the following Projects:

Note 1) 30 CLRV O/H ($4.4M in 2016, $2.9 in 2017 and $1.8M in 2018) as approved by Council on June 7, 2016;

Note 2) Easier Access ($47K in 2016) as a result of Section 45 Planning Act (developers); approved by Council on July 12, 2016; and,

Note 3) Leslie Barns: 2016 Budget transferred to EDC Program in the City for Public Art (-$685K); approved by Council on October 5, 2016.

CITY REQUESTED BUDGET REDUCTIONS

Unfunded Projects Reduction

4.12	TBD	1.1 Subway Track Reduction	B	-	-	-	6,000	13,200	6,100	6,400	6,500	6,548	7,500	6,729	-	-	58,977	58,977	58,977
4.12			P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.12			C	-	-	-	(6,000)	(13,200)	(6,100)	(6,400)	(6,500)	(6,548)	(7,500)	(6,729)	-	-	(58,977)	(58,977)	(58,977)
4.12	TBD	1.2 Surface Track Reduction	B	-	-	-	8,500	5,600	6,500	6,400	6,400	6,486	6,800	7,500	-	-	54,186	54,186	54,186
4.12			P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.12			C	-	-	-	(8,500)	(5,600)	(6,500)	(6,400)	(6,400)	(6,486)	(6,800)	(7,500)	-	-	(54,186)	(54,186)	(54,186)
4.12	TBD	2.1 Traction Power Reduction	B	-	-	-	3,200	4,000	3,800	2,900	2,800	2,886	2,915	4,500	-	-	27,001	27,001	27,001
4.12			P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.12			C	-	-	-	(3,200)	(4,000)	(3,800)	(2,900)	(2,800)	(2,886)	(2,915)	(4,500)	-	-	(27,001)	(27,001)	(27,001)
4.12	TBD	3.1 Finishes Reduction	B	-	-	-	2,187	3,900	4,000	4,000	4,000	1,700	1,588	1,350	-	-	22,725	22,725	22,725
4.12			P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.12			C	-	-	-	(2,187)	(3,900)	(4,000)	(4,000)	(4,000)	(1,700)	(1,588)	(1,350)	-	-	(22,725)	(22,725)	(22,725)
4.12	TBD	3.2 Equipment Reduction	B	-	-	-	6,600	6,400	6,200	5,000	4,200	2,223	1,729	2,400	-	-	34,752	34,752	34,752
4.12			P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.12			C	-	-	-	(6,600)	(6,400)	(6,200)	(5,000)	(4,200)	(2,223)	(1,729)	(2,400)	-	-	(34,752)	(34,752)	(34,752)
3.3	6967	3.3 On-Grade Paving Rehabilitation Program Reduction	B	-	-	-	2,500	3,200	3,400	3,200	3,200	1,800	1,218	2,500	-	-	21,018	21,018	21,018
4.12			P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.12			C	-	-	-	(2,500)	(3,200)	(3,400)	(3,200)	(3,200)	(1,800)	(1,218)	(2,500)	-	-	(21,018)	(21,018)	(21,018)

Category	Resp. Br/Dpt	Type	Program	Capital CTT No.	WO #	DESCRIPTION		CITY to 2015	PROBABLE 2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	POST 2026	2016-2025	2017-2026	EFC
			4.12		TBD	3.4 Bridges and Tunnels Reduction	B	-	-	-	8,000	9,400	9,700	10,200	10,500	7,845	4,697	10,000	-	-	70,342	70,342	70,342
			4.12				P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			4.12				C	-	-	-	(8,000)	(9,400)	(9,700)	(10,200)	(10,500)	(7,845)	(4,697)	(10,000)	-	-	(70,342)	(70,342)	(70,342)
			3.9		577x	3.9 Fire Ventilation Upgrade Reduction	B	-	-	-	-	19,964	48,930	39,704	17,750	13,692	18,104	23,653	-	-	181,797	181,797	181,797
			3.9				P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			3.9				C	-	-	-	-	(19,964)	(48,930)	(39,704)	(17,750)	(13,692)	(18,104)	(23,653)	-	-	(181,797)	(181,797)	(181,797)
			4.12		TBD	3.4 Buildings and Structures Reduction	B	-	-	-	15,000	16,400	13,500	5,700	2,100	1,234	977	2,000	-	-	56,911	56,911	56,911
			4.12				P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			4.12				C	-	-	-	(15,000)	(16,400)	(13,500)	(5,700)	(2,100)	(1,234)	(977)	(2,000)	-	-	(56,911)	(56,911)	(56,911)
			4.11		TBD	4.11 Purchase of 99 Low Floor 40ft Diesel Buses Reduction	B	-	-	2,731	17,854	18,691	23,474	12,295	-	-	-	-	-	-	75,045	75,045	75,045
			4.11				P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			4.11				C	-	-	(2,731)	(17,854)	(18,691)	(23,474)	(12,295)	-	-	-	-	-	-	(75,045)	(75,045)	(75,045)
			4.11		TBD	4.11 Purchase of 675 Low Floor 40ft Buses Reduction	B	-	-	-	-	-	64,175	42,594	65,488	72,575	73,753	120,859	-	-	439,444	439,444	439,444
			4.11				P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			4.11				C	-	-	-	-	-	(64,175)	(42,594)	(65,488)	(72,575)	(73,753)	(120,859)	-	-	(439,444)	(439,444)	(439,444)
			4.11		TBD	4.11 Purchase of Future Wheel-Trans Reduction	B	-	-	-	13,900	23,600	14,400	26,000	22,400	-	-	-	-	-	100,300	100,300	100,300
			4.11				P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			4.11				C	-	-	-	(13,900)	(23,600)	(14,400)	(26,000)	(22,400)	-	-	-	-	-	(100,300)	(100,300)	(100,300)
			4.12		TBD	4.11 Purchase of New subway Cars (T1 Replacement) Reduction	B	-	-	-	249	524	584	1,523	293,407	161,569	158,376	298,699	-	-	914,931	914,931	914,931
			4.12				P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			4.12				C	-	-	-	(249)	(524)	(584)	(1,523)	(293,407)	(161,569)	(158,376)	(298,699)	-	-	(914,931)	(914,931)	(914,931)
			4.13		6668	4.13 Bus Heavy Rebuild Program Reduction	B	-	-	-	-	23,966	36,597	32,329	48,343	49,609	33,655	36,146	-	-	260,645	260,645	260,645
			4.13				P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			4.13				C	-	-	-	-	(23,966)	(36,597)	(32,329)	(48,343)	(49,609)	(33,655)	(36,146)	-	-	(260,645)	(260,645)	(260,645)
			4.18		TBD	4.13Purchase of 60 Light Rail Vehicles (LRV) for Ridership Growth I	B	-	55,376	-	-	157,952	140,634	6,923	-	-	-	-	-	-	360,885	305,509	360,885
			4.18				P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			4.18				C	-	(55,376)	-	-	(157,952)	(140,634)	(6,923)	-	-	-	-	-	-	(360,885)	(305,509)	(360,885)
						Sub-Total Unfunded Projects Reduction	*SB*	-	55,376	2,731	83,990	306,797	381,994	205,168	487,088	328,167	311,312	516,336	-	-	2,678,959	2,623,583	2,678,959
							SP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
							SC	-	(55,376)	(2,731)	(83,990)	(306,797)	(381,994)	(205,168)	(487,088)	(328,167)	(311,312)	(516,336)	-	-	(2,678,959)	(2,623,583)	(2,678,959)
						TOTAL - BASE CAPITAL PROGRAM		**7,469,810**	**1,174,141**	**1,216,143**	**1,116,492**	**1,254,390**	**951,026**	**646,048**	**833,090**	**670,257**	**649,289**	**813,811**	**-**	**-**	**9,324,688**	**8,150,547**	**16,794,498**
								7,308,747	**995,537**	**1,561,444**	**1,542,025**	**1,160,737**	**882,153**	**730,859**	**843,135**	**682,517**	**603,832**	**698,018**	**735,528**	**1,476,415**	**9,700,257**	**9,440,248**	**19,220,947**
								(161,063)	**(178,604)**	**345,301**	**425,533**	**(93,653)**	**(68,873)**	**84,811**	**10,045**	**12,260**	**(45,457)**	**(115,793)**	**735,528**	**1,476,415**	**375,569**	**1,289,701**	**2,426,449**
						TORONTO YORK SPADINA SUBWAY EXTENSION - TO VAUGHAN CORPORATE CENTRE																	
				CTT134	568X	Toronto York Spadina Subway Extension	B	2,120,786	719,587	329,836	13,962	-	-	-	-	-	-	-	-	-	1,063,385	343,798	3,184,171
				CTT134			P	2,051,148	427,711	545,057	160,255	-	-	-	-	-	-	-	-	-	1,133,023	705,312	3,184,171
				CTT134			C	(69,638)	(291,876)	215,221	146,293	-	-	-	-	-	-	-	-	-	69,638	361,514	-
						Sub-Total Spadina Subway Extension to VCC	*SB*	2,120,786	719,587	329,836	13,962	-	-	-	-	-	-	-	-	-	1,063,385	343,798	3,184,171
							SP	2,051,148	427,711	545,057	160,255	-	-	-	-	-	-	-	-	-	1,133,023	705,312	3,184,171
							SC	(69,638)	(291,876)	215,221	146,293	-	-	-	-	-	-	-	-	-	69,638	361,514	-
						SCARBOROUGH SUBWAY EXTENSION																	
			3.9	CTT147	531x	Scarborough Subway	B	25,495	110,827	167,550	252,162	741,903	697,403	605,395	451,992	207,773	31,000	13,500	-	-	3,279,505	3,168,678	3,305,000
			3.9	CTT147			P	11,100	28,730	86,820	539,710	400,327	478,896	474,982	555,511	456,710	247,581	24,633	-	-	3,293,900	3,265,170	3,305,000
			3.9	CTT147			C	(14,395)	(82,097)	(80,730)	287,548	(341,576)	(218,507)	(130,413)	103,519	248,937	216,581	11,133	-	-	14,395	96,492	-
			3.9	CTT147	6901	SRT Life Extension - Facilities, Equipment & Vehicles	B	13,315	22,185	18,000	16,000	15,000	14,000	13,000	13,000	7,500	-	-	-	-	118,685	96,500	132,000
			3.9	CTT147	6902		P	5,229	14,704	38,374	38,253	16,833	6,279	3,484	6,873	1,971	-	-	-	-	126,771	112,067	132,000
			3.9	CTT147	6903		C	(8,086)	(7,481)	20,374	22,253	1,833	(7,721)	(9,516)	(6,127)	(5,529)	-	-	-	-	8,086	15,567	-
			3.9	CTT147	TBD	SRT Decommissioning & Demolition	B	-	-	-	-	-	-	-	-	-	-	123,000	-	-	123,000	123,000	123,000
			3.9	CTT147			P	-	-	-	-	-	-	-	-	-	-	123,000	-	-	123,000	123,000	123,000
			3.9	CTT147			C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						Sub-Total Scarborough Subway Extension	*SB*	38,810	133,012	185,550	268,162	756,903	711,403	618,395	464,992	215,273	31,000	136,500	-	-	3,521,190	3,388,178	3,560,000
							SP	16,329	43,434	125,194	577,963	417,160	485,175	478,466	562,384	458,681	247,581	147,633	-	-	3,543,671	3,500,237	3,560,000
							SC	(22,481)	(89,578)	(60,356)	309,801	(339,743)	(226,228)	(139,929)	97,392	243,408	216,581	11,133	-	-	22,481	112,059	-

Category	Resp. Br/Dpt	Type	Program	Capital CTT No.	WO #	DESCRIPTION		CITY to 2015	PROBABLE 2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	POST 2026	2016-2025	2017-2026	EFC
					WATERFRONT INITIATIVES COORDINATED BY WATERFRONT TORONTO																		
					563X	Union Station New Platform	B	137,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	137,500
							P	141,677	(4,177)	-	-	-	-	-	-	-	-	-	-	-	(4,177)	-	137,500
							C	4,177	(4,177)	-	-	-	-	-	-	-	-	-	-	-	(4,177)	-	-
					543X	East Bayfront Streetcar and Station Expansion	B	3,869	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,869
							P	3,869	-	-	-	-	-	-	-	-	-	-	-	476,131	-	-	480,000
							C	-	-	-	-	-	-	-	-	-	-	-	-	476,131	-	-	476,131
					541X	West Don Lands Streetcars	B	5,745	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,745
							P	4,082	134	-	-	-	-	-	-	-	-	-	-	-	134	-	4,216
							C	(1,663)	134	-	-	-	-	-	-	-	-	-	-	-	134	-	(1,529)
					New	Waterfront West LRT Extension - CNE to Dufferin (included in City's	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
							P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
							C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						Total Waterfront Initiatives	*SB*	147,114	-	-	-	-	-	-	-	-	-	-	-	-	-	-	147,114
							SP	149,628	(4,043)	-	-	-	-	-	-	-	-	-	-	476,131	(4,043)	-	621,716
							SC	2,514	(4,043)	-	-	-	-	-	-	-	-	-	-	476,131	(4,043)	-	474,602