# Toronto 2016 BUDDGET

## Highlights



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### **Toronto Transit Commission**

#### 2016 – 2025 CAPITAL BUDGET AND PLAN OVERVIEW

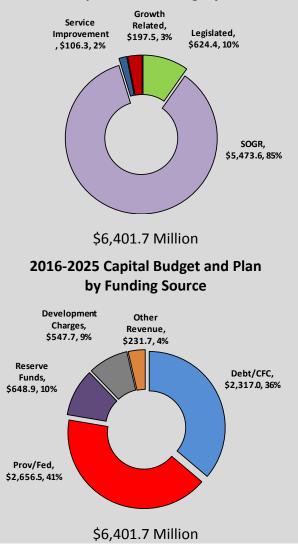
The Toronto Transit Commission delivers transit services to an estimated 552 million riders in 2016, using buses, subway trains, rapid transit trains, light rail vehicles (LRVs), and the new streetcars that began service in the fall of 2014.

The TTC is responsible for the stewardship of transit assets with a total estimated replacement value of \$14.6 billion to ensure that vehicles, subway tunnels, subway track, surface track, bridges and other facility infrastructure are maintained in a state of good repair.

The TTC's 10-Year Capital Plan that totals \$6.402 billion focuses on meeting three key objectives: the replacement of existing vehicles and the addition of growth vehicles to meet ridership demand; the associated facility construction and improvements to accommodate those vehicles; and maintaining track, tunnels, bridges and buildings in a state of good repair. In addition to TTC's base capital program are projects focused on transit expansion including the Toronto-York Spadina Subway Extension and the Scarborough Subway Extension.



#### 2016-2025 Capital Budget and Plan by Expenditures Category



#### State of Good Repair Backlog

#### Where does the money go?

The 2016–2025 Capital Budget and Plan totalling \$6.402 billion provides funding for:

- State of Good Repair (SOGR) projects:
  - ✓ ATC Resignalling (\$548.984 million)
  - ✓ Leslie Barns Streetcar Maintenance and Storage Facility (\$55.544 million)
  - ✓ Toronto Rocket Yard and Storage Track Accommodation (\$402.511 million)
  - McNicoll Bus Garage Facility (\$174.758 million)
  - ✓ Purchase of Buses (\$447.848 million)
  - ✓ Purchase of LRVs (\$546.107 million)
  - ✓ PRESTO implementation
- Legislated projects of \$624.351; Easier Access Program (\$431.988 million), Bus Heavy Rebuild Program (\$4.6 million)
- Growth related projects of \$197.491; McNicoll Bus Garage Facility (\$174.758 million), PRESTO Implementation (\$21.843 million).

#### Where does the money come from?

- New debt funding \$2.317 billion comprises 36% of TTC's 10 year capital funding, which meets the debt affordability guideline.
- Provincial/Federal grants \$2.656 billion, includes an additional \$40M of Provincial Gas Tax funding resulting from a 4% increase in the contribution.
- Other sources of funding include Development Charges (\$547.686 million or 8.6%) that have been increased by \$66 million from the previous 10-Year Capital Plan, Reserves (\$648.863 million or 10.1%), and Other Revenue (\$231.677 million or 3.6%).

The 10-Year Capital Plan includes cash flow funding of \$5.474 billion for State of Good Repair to address the Program's backlog. The SOGR backlog as a % of asset replacement value will increase from 0% in 2016 to 2.4% in 2025, representing an anticipated accumulated SOGR backlog of \$345.9 million



#### **Toronto Transit Commission**

#### **Key Issues & Priority Actions**

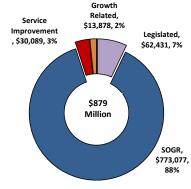
**Capital Plan Affordability** – The TTC identified 10-Year Capital Plan needs that total \$9.081 billion and require \$4.996 billion of debt funding which is \$2.679 billion over the TTC's established debt target for the 10-year capital planning period.

TTC's 10-Year Capital Plan of \$6.402 billion is comprised of:

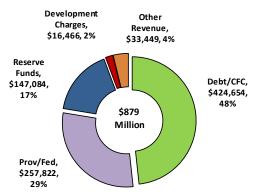
- ✓ Debt funding of \$2.317 billion, which meets the debt target.
- ✓ Increased development charge funding by \$66 million.
- ✓ Provincial and Federal Funding of \$2.656 (including \$40 million additional Provincial Gas Tax funding)
- ✓ \$106 million in funding for projects initially identified as unfunded.



#### 2016 Capital Budget by Project Category



#### 2016 Capital Budget by Funding Source



#### 2016 Capital Budget Highlights

The 2016 Capital Budget for TTC of \$879.475 million, excluding carry forward funding, will:

- ✓ The Leslie Street (\$26.225 million) connecting track is complete and the TTC's new low-floor streetcars began operating out of Leslie Barns. TTC will be fully occupied by the TTC early next year;
- McNicoll Bus Garage Facility (\$2.308 million) construction of an indoor storage and maintenance facility for 250 buses to accommodate ridership growth and expanding bus fleet;
- ✓ Fare Handling (\$34.237 million) deliver the design and build of TTC-PRESTO devices for the implementation of the PRESTO fare collection system;
- ✓ Continue to address SOGR maintenance work on:
  - Subway Track (\$26.978 million);
  - Surface Track (\$22.177 million);
  - Bridges & Tunnels (\$50.472 million);
  - Subway Car Overhaul (\$68.157 million); and
  - Information Technology System Infrastructure (\$83.342 million).

#### **Council Approved Budget**

City Council approved the following recommendations:

- 1. City Council approve the 2016 Capital Budget for TTC with a total project cost of \$552.157 million, and 2016 cash flow of \$879.475 million and future year commitments of \$4.093 billion comprised of the following:
  - a) New Cash Flow Funds for:
    - i. 41 new / change in scope sub-projects with a 2016 total project cost of \$552.157 million that requires cash flow of \$106.416 million in 2016 and future year cash flow commitments of \$221.704 million for 2017; \$82.891 million for 2018; \$4.543 million for 2019; and \$8.533 million for 2020; \$54.689 million for 2021; \$54.955 million for 2022; and \$56.309 million for 2023; \$22.859 million for 2024; (\$60.742) million for 2025;
    - 56 previously approved sub-projects with a 2016 cash flow of \$773.059 million; and future year cash flow commitments of \$987.694 million for 2017; \$825.969 million for 2018; and \$766.298 million for 2019; \$366.233 million for 2020; \$197.403 million for 2021; and 96.935 million for 2022; \$100.622 million for 2023; \$136.608 million for 2024; and \$169.911 million for 2025;
  - b) 2015 approved cash flow for 32 previously approved sub-projects with carry forward funding from 2015 into 2016 totalling \$235.525 million.
- City Council approve the 2017 2025 Capital Plan for TTC totalling \$1.429 billion million in project estimates, comprised of \$1.113 million in 2017; \$121.841 million for 2018; \$176.752 million for 2019; \$194.266 million for 2020; \$188.788 million for 2021; \$194.112 million for 2022; \$185,159 million for 2023; \$178.510 million for 2024; and \$188.306million in 2025.
- 3. City council direct TTC staff to report back to Budget Committee prior to the 2017 Budget process to identify the full operating costs and benefits to be realized from the implementation of SAP Enterprise Resources Planning (ERP) at the TTC.
- 4. City Council approve the 2016 Capital Budget for the Toronto-York Spadina Subway Extension with no new project cost, and 2016 cash flow of \$319.587 million and future year commitments of \$343.798 million comprised of the following:
  - a) New Cash Flow Funding for:
    - i. 1 previously approved sub-project with a 2016 cash flow of \$252.032 million; and a future year cash flow commitment of \$343.798 million in 2017; and \$13.962 million in 2018.
  - b) 2015 approved cash flow for 1 previously approved sub-project with carry forward funding from 2015 into 2016 totalling \$67.555 million.
- 5. City Council approve the 2016 Capital Budget for the Scarborough Subway Extension with a total project cost of \$120.118 million, and 2016 cash flow of \$133.102 million and no future year commitments comprised of the following:
  - a) New Cash Flow Funding for:

- i. 1 previously approved sub-project with a 2016 cash flow of \$120.118 million in 2016; and no future year cash flow commitments.
- b) 2016 approved cash flow for 1 previously approved sub-project with carry forward funding from 2015 into 2016 totalling \$12.984 million
- 6. City Council direct the TTC to seek City Council approval of any additional cash flow funding in 2016 and cash flow funding commitments for 2017-2025 for Scarborough Subway Extension as cash flows between 2017-2025 will be budgeted as planned forecasts with no authority to spend.
- City Council approve the 2017-2025 Capital Plan for the Scarborough Subway Extension totalling \$3.372 billion in project estimates, \$185.550 million in 2017; \$268.162 million in 2018; \$756.903 million in 2019; \$711.403 million in 2020; \$618.395 million in 2021; \$464.992 million in 2022; \$215.273 million in 2023; \$31.000 million in 2024; and \$136.501 million in 2025.

## Part I:

### 10-Year Capital Plan

#### **10 Year Capital Plan**

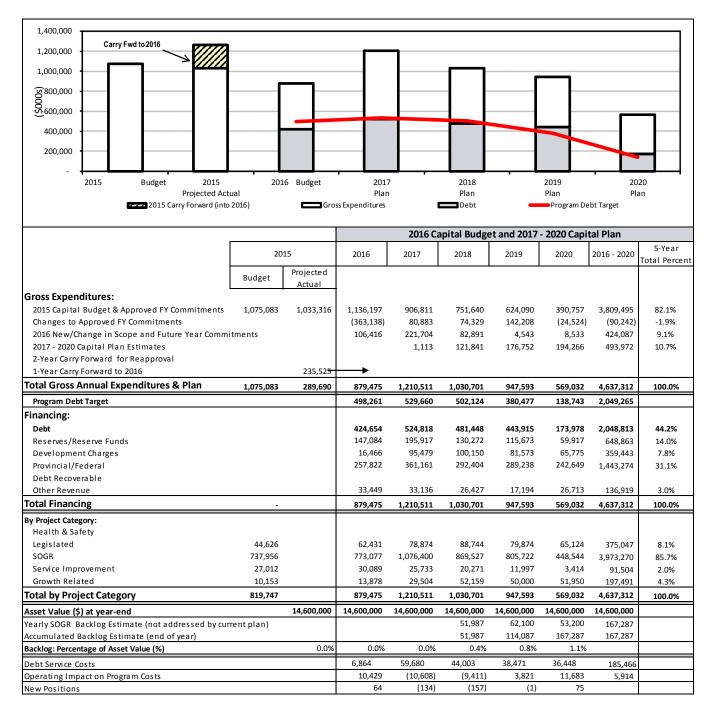


Table 1a2016 Budget, 2017-2020 Capital Plan

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		Debt •	Brogram			2023 Fidii	
Gross Expend		DEDL		Debt Target			
			2021 - 2	025 Capita	l Plan		
							10-Year
	2021	2022	2023	2024	2025	2016 - 2025	Total
							Percent
Gross Expenditures:							
2015 Capital Budget & Approved FY Commitments	196,481	138,808	147,248	156,344		4,448,376	69.5%
Changes to Approved FY Commitments	922	(41,873)	(46,626)	(19,736)	169,911	(27,644)	-0.4%
2016 New/Change in Scope and Future Year Commitments	54,689	54,955	56,309	22,859	(60,742)	552,157	8.6%
2021 - 2025 Capital Plan Estimates	188,788	194,112	185,159	178,510	188,306	1,428,847	22.3%
2-Year Carry Forward for Reapproval							
Total Gross Annual Expenditures & Plan	440,880	346,002	342,090	337,977	297,475	6,401,736	100.0%
Program Debt Target	15,576			177	252,000	2,317,018	
Financing:							
Debt	109,780	31,068	46,234	43,937	37,180	2,317,012	36.2%
Reserves/Reserve Funds						648,863	10.1%
Development Charges	64,760	52,265	34,779	34,679	1,760	547,686	8.6%
Provincial/Federal	242,645	242,644	242,646	242,644	242,645	2,656,498	41.5%
Debt Recoverable	22.005	20.025	10 424	46 747	15 000	224 677	2.5%
Other Revenue	23,695	20,025	18,431	16,717	15,890	231,677	3.6%
Total Financing	440,880	346,002	342,090	337,977	297,475	6,401,736	100.0%
By Project Category:							
Health & Safety	69.265	EC 100	E0.044	10 577	21 220	624 254	9.8%
Legislated SOGR	68,265 369,640	56,189 286,828	50,944 288,321	42,577 292,625	31,329 262,871	624,351 5,473,555	9.8% 85.5%
Service Improvement	2,975	2,985	2,825	2,775	3,275	106,339	1.7%
Growth Related	,	,	,	, ,	-, -	197,491	3.1%
Growth Related						C 401 72C	100.0%
Total by Project Category	440,880	346,002	342,090	337,977	297,475	6,401,736	
	440,880	346,002 14,600,000	342,090 14,600,000	337,977 14,600,000	297,475	14,600,000	
Total by Project Category	• · · ·						
Total by Project Category Asset Value(\$) at year-end	14,600,000	14,600,000	14,600,000	14,600,000	14,600,000	14,600,000	
Total by Project Category Asset Value(\$) at year-end Yearly SOGR Backlog Estimate (not addressed by current plan)	<b>14,600,000</b> 43,800	<b>14,600,000</b> 39,700	<b>14,600,000</b> 30,722	<b>14,600,000</b> 27,424	<b>14,600,000</b> 36,979	<b>14,600,000</b> 345,912	
Total by Project Category Asset Value(\$) at year-end Yearly SOGR Backlog Estimate (not addressed by current plan) Accumulated Backlog Estimate (end of year)	<b>14,600,000</b> 43,800 211,087	<b>14,600,000</b> 39,700 250,787	<b>14,600,000</b> 30,722 281,509	<b>14,600,000</b> 27,424 308,933	<b>14,600,000</b> 36,979 345,912	<b>14,600,000</b> 345,912	
Total by Project Category Asset Value(\$) at year-end Yearly SOGR Backlog Estimate (not addressed by current plan) Accumulated Backlog Estimate (end of year) Backlog: Percentage of Asset Value (%)	<b>14,600,000</b> 43,800 211,087 1.4%	<b>14,600,000</b> 39,700 250,787 1.7%	<b>14,600,000</b> 30,722 281,509 1.9%	<b>14,600,000</b> 27,424 308,933 2.1%	<b>14,600,000</b> 36,979 345,912 2.4%	<b>14,600,000</b> 345,912 345,912	

Table 1b 2021 - 2025 Capital Plan

#### Key Changes to the 2015 - 2024 Approved Capital Plan

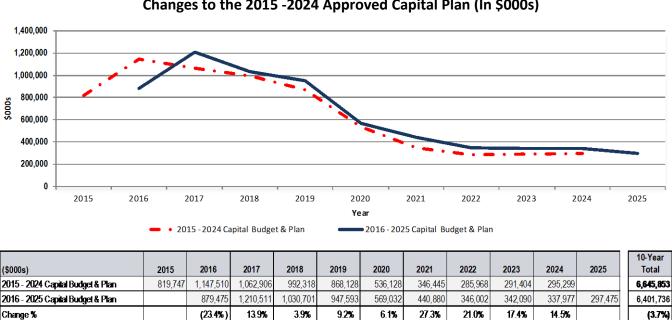
(268,035)

147,605

38,383

The 2016 Capital Budget and the 2017 - 2025 Capital Plan reflects a decrease of \$244.117 million in capital expenditure from the 2015 - 2024 Approved Capital Plan.

The table and chart below provide a breakdown of the \$244.117 million or 3.7% decrease in the Capital Program on an annual basis from 2015 to 2025.





As made evident in the chart above, the \$244.117 million decrease in the Capital Program reflects the deferral of projects from 2016 to future years.

79,465

32,904

94,435

60,034

50,686

42,678

(244,117)

As reflected in Table 2 on the following page, changes to the 2015 – 2024 Approved Capital Plan, specifically the \$278.2 million increase in capital funding over the nine common years of the Capital Plans (2016 – 2024) arise from a combination of \$106 million in increased investment in previously unfunded capital projects and the acceleration of new 2025 funding in the 2021 to 2024 period for critical capital work.

Change \$

#### 2016 Capital Budget

A summary of project changes for the years 2016 to 2024 totalling \$278.155 million are provided in Table 2 below:

Date::::::::::::::::::::::::::::::::::::				,	r Proj			- ( +						
Date:         Date: <th< th=""><th>\$000s</th><th>2015</th><th>2016</th><th>2017</th><th>2018</th><th>2019</th><th>2020</th><th>2021</th><th>2022</th><th>2023</th><th>2024</th><th>2025</th><th>2016</th><th>- 2024 Total</th></th<>	\$000s	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2016	- 2024 Total
base base base base base base base base	2015 - 2024 Capital Budget & Plan	819,747	1,147,510	1,062,906	992,318	868,128	536,128	346,445	285,968	291,404	295,299			5,826,106
Inter-Propert Cont         2354         2354         2354         2352         2352         2353         2354 <th2354< th="">         2354         2354<td>2016 - 2025 Capital Budget &amp; Plan</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>297,475</td><td></td><td></td></th2354<>	2016 - 2025 Capital Budget & Plan											297,475		
Cot         208         209         201         203 <td>Capital Budget &amp; Plan Changes (2016 - 2024)</td> <td></td> <td>(268,035)</td> <td>147,605</td> <td>38,383</td> <td>79,465</td> <td>32,904</td> <td>94,435</td> <td>60,034</td> <td>50,686</td> <td>42,678</td> <td></td> <td></td> <td>278,155</td>	Capital Budget & Plan Changes (2016 - 2024)		(268,035)	147,605	38,383	79,465	32,904	94,435	60,034	50,686	42,678			278,155
induce introduce interface interface interface interface 			2016	2017	2018	2019	2020	2021	2022	2023	2024	2016 - 2024	2025	
metsormSpace<	Previously Approved													
Ome: income: Nerview         10.200         C200         C200         C200         C200         C200         C200         C200         C200         C2000         C2000 <thc2000< th=""></thc2000<>	-		(									(10)		
Amonde beseive Worke Gene95.500.2280.2790.2800.2790.2790.270 </td <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>(2.625)</td> <td>(2.025)</td> <td>(2.025)</td> <td>(2.025)</td> <td>(2.025)</td> <td></td> <td></td> <td>· ·</td>	-						(2.625)	(2.025)	(2.025)	(2.025)	(2.025)			· ·
On-Gase Array and any and any	-			(172)										
Tach and basis13.5440.8.280.9.330.2.080.9.90.9.40.9.40.5.40.5.700.1.2.0.5Interdemonding regular13.5640.1.2.0.50.1.2.0.50.1.2.0.50.1.2.0.50.1.2.0.50.1.2.0.50.1.2.0.50.1.2.0.50.1.2.0.5Interdemonding regular17.5840.1.2.0.517.3.20.1.2.0.50.1.							(3,277)	(0,505)	(3,574)	(3,737)	(1,904)			
incomember logarum19.5450.3700.3000.4000.6010.580							(99)							
induce17.2410.7.6510.7.6910.5530.2930.7.810.8190.8190.8010.10010.10210.1021igni spring20.2770.15442.4440.5314.0710.3370.2190.7100.10310.10410.10310.10410.1031								(6,638)	(6,240)	(5,676)	(5,790)			
Spin         Spin <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>														
Communication         20117         [15.80]         (2.24)         (2.9)         (2.9)         (3.9)	McNicoll Bus Garage Facility	179,884	(1,692)	(15,600)	753	3,000	10,950					(2,589)		177,295
Sheen Combul Angene         23,343         Image of the Values of Lags         Lag	Signal Systems	200,175	(15,441)	4,043	5,513	4,078	(2,587)	(1,196)	(979)	(1,010)	(1,048)	(8,627)		191,548
invinvint<int<int<int<int<int<int<int<int<int<int<int<int<int<int<int<int<int<int<int<int<int<int<int<int<int<int<int<int<int<int<int<int<int<int<int<int<int<int<int<int<int<int<<			(16,349)	(2,248)		6,396	(435)		(5,141)	(5,119)	(5,829)			
Ba beak point forgam         383.88         135.38         135.38         135.38         135.38         135.38         155.38         157.38								(1,178)						
Exponent         300,04         67,553         62,00         63,320         65,310         66,530         60,530         60,530         60,530         60,530         60,530         60,530         60,530         60,530         60,530         60,530         60,530         60,530         60,723         (12,640         60,530         60,723         (12,640         60,530         60,723         (12,640         60,530         60,723         (12,640         60,530         60,723         (12,88)         (12,80)         (12,80)         (12,80)         (12,80)         (12,80)         (13,83)														
Show, Track         382.25         (1,200)         139         (2,466)         (2,021)         (2,124) <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>(15 110)</td><td>(10.051)</td><td>(16 272)</td><td>(10.200)</td><td>(7.276)</td><td></td><td></td><td></td></th<>							(15 110)	(10.051)	(16 272)	(10.200)	(7.276)			
Easier Assess         Easier Assess         Marka         Marka <thmarka< th="">         Marka         <thmarka< t<="" td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></thmarka<></thmarka<>														
Line larmanance altrange facility         448.350         (1)270         10,007         10,									(13,333)	(20,155)	(21,043)			
Sarba Tra'a         445.56         (EAS7)         (DB.37)         (DB.37)         (DL.33)						,,101		(510)						
One building & Muchue Projects         532.01         44,353         94,341         2,356         1,357         16,388         1532         16,488         1537.31         16,488         16,42.33         16,43         12,11,248           Deeter sectory approved         (10,443         100         11,33         11,33         11,34         11,34         11,34         11,34         11,34         11,34         11,34         11,34         11,34         11,34         11,34         11,34         11,34         11,34         11,34         11,34         11,34						(19,699)	(26,530)	(20,712)	(21,638)	(22,430)	(23,523)			
information technology system-infigurature         69.398         (5.388)	Toronto Rocket Yard and Storage Accommodation Track	506,024	(31,092)	10,535	3,552	1,284	16,478	377				1,134		507,158
prochose flase         79390         7705         1705         939         7384         667.20         (238)         (4.138)         (120.853)         (4.138)         (120.853)         (4.138)         (120.853)         (4.138)         (120.853)         (4.138)         (120.853)         (4.138)         (120.853)         (4.138)         (120.853)         (4.138)         (120.853)         (4.138)         (120.853)         (4.138)         (120.853)         (4.138)         (120.853)         (4.138)         (120.853)	Other Buildings & Structures Projects	539,210	(42,355)	(4,614)	2,596	11,935	16,807	(2,315)	(538)	(592)	(691)	(19,767)		519,443
Alt Changelling         97.068         (P5.20)														
Subwig CharChases         1,153.337         1,000         3,735         4,076         K														
Other priced/approved         (71.388)         20.78         (9.4.98)         (10.2.937)         (10.9.30)         (10.9.3)         (10.9.3)         (10.9.3)         (10.3.3)         (10.3.3)         (10.3.30)					,	25,694	20,354	14,735	(8,274)	(7,431)	(8,922)			
Tinter American Apparend         (374,451)         (75,212)         (166,349)         (101,830)         (169,825)         (149,042)         (189,033)         (190,722)         (158,691)         (1,11,150)           Ner         410	-	1,153,537			,	(22.005)	(100 705)	(50.010)	(63.100)	(65.262)	(C1 49C)			1,162,448
New Spreactar Orwing Markan Server 20 verb Dit Lifetich (sptems - Various Drier Markan Die Markan														
Stretter			(574,431)	(73,212)	(100,549)	(101,050)	(105,053)	(145,042)	(105,055)	(150,782)	(136,091)	(1,111,340)		
Ohe Maintenance Equipment         902         50         1,223         1,153         1,153         1,153         1,154         1,103         1,164         1,1027           Oher Bidgs Structures Projects         567         13,233         10,383         665         679         42,87         5,055         6,084         44,678         7,859         55,537           One Grade Paving Rehabilitation         17,157         6,001         42,055         9,093         5,804         857         10,002         17,024         10,003         10,003           Subway Reid/Inforgam - Overhaul         1,715         6,001         42,055         9,093         5,804         25,904         25,905         25,014         29,793         25,810         22,763           Subway Raid/ Paver- Varitos         4,548         1,552         15,822         13,923         11,548         11,041         11,422         11,588         11,054         17,811         12,843           Yard and Road- Varitos         10052         10052         10,552         15,527         15,57         75         75         75         250         250         303         15,169         1,052         10,052         10,052         10,052         10,052         10,052         10,052					410	410	410	410	410	410	6,073	8,533	18,618	27,151
Other Bidgs & Structures Projects         587         13.23         10.83         665         679         4.227         5.056         6.904         6.884         44.678         7.899         565.37           On-Grade Priving Rebuil/Torgarn-Overhaul         1.715         60.013         42.055         9.903         52.004         52.594         62.504         25.594         25.595         26.109         29.793         22.803         27.768         22.2065         22.2065         22.005	Power Dist./Electric Systems - Various			201	9,489	8,545	5,796	5,716	5,559	5,679	5,914	46,899	7,436	54,335
0n-Gradpring Behabilitation         11.008         11.000         11.000         11.000         12.000         12.078         10.020         17.268         9.683         18.131           Fire Venilation Upgrade         17.15         60.013         42.055         9.903         5.804         857         10.0474         10.0488         (10.0488)           Subwy Tark         9.933         26.946         24.208         53.99         26.546         26.559         26.90         29.933         26.94         22.556         26.190         29.933         26.94         22.055         40.001         40.048         10.047         10.047         10.0247         10.2047         22.065         40.3017         19.944         32.301         17.811         19.944         32.301         17.811         11.954         11.954         11.954         11.954         10.952         1.051         11.058         11.052         1.051         11.058         11.052         1.051         11.058         10.052         1.051         11.058         1.051         1.024         10.052         1.01052         1.01052         1.01052         1.01052         1.01052         1.01052         1.01052         1.01052         1.01052         1.01052         1.01052         1.01005         <	Other Maintenance Equipment		902	50	1,225	1,151	1,153	1,154	1,213	1,158	1,160	9,166	1,861	11,027
fre ventiation upgrade         integrade         integrade <td>Other Bldgs &amp; Structures Projects</td> <td></td> <td>587</td> <td>13,233</td> <td>10,383</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Other Bldgs & Structures Projects		587	13,233	10,383									
Bus Heavy Nebuild Program - Overhaul         1715         60.013         4 24,055         9.903         5,804         8.57         -         -         120,347         120,347         120,347           Subway Tack         593         26,964         24,208         53,09         24,555         25,09         25,09         25,09         25,09         22,055         22,065         -         22,065         -         22,065         -         22,065         -         -         22,065         -         10,052         11,84         13,201         13,84         32,301         13,84         32,301         13,84         32,301         13,84         32,301         13,84         32,301         13,84         32,301         13,84         32,301         13,84         32,301         13,84         32,301         13,84         32,301         13,84         32,301         13,84         32,301         13,84         32,301         13,84         32,301         13,84         33,01         13,84         33,01         13,84         33,01         13,84         33,01         13,84         33,01         13,84         33,01         13,84         33,01         13,84         33,01         13,84         33,01         13,84         34,01         34,01							13,500	12,800	12,798	10,200	10,962		9,863	
subway Tack         593         26,964         24,028         53,199         24,534         25,064         25,595         26,190         29,793         228,613         27,688         22,065           Purchase Of Rail Non-Revenue Vehicles         4,968         2,246         3,377         5,577         4,074         5,133         2,064         30,317         1,984         3,2301           Traction Power- various         16,678         17,532         15,632         14,959         11,054         11,559         110,554         17,811         128,405           Yards and Baods         10,052         10,052         10,052         50         300         39,898         300         40,1052           Traction Power- Various         30,755         7,757         7,575         7,55         25,05         200         25,09         300         39,098         30,00         40,1093           Subway Car Durchases         (5,000)         (5,000)         (20,227)         (20,227)         (20,227)         (20,227)         (20,227)         (20,227)         (20,227)         (20,227)         (20,227)         (20,227)         (20,227)         (20,227)         (20,227)         (21,224)         (5,000)         (32,22,12,138         (20,22,138,12,11,12,13,13,13,12,12,12,12,12,12,12,														
Purchase of Rail Non-Revenue Vehicle         4,655         2,248         8,906         6,256         -         -         -         -         22,065         4,074         5,123         2,044         30,117         1,098         32,2065           Automotive Non-Revenue Vehicle         4,448         -         2,472         2,322         3,377         5,877         4,074         5,123         2,064         30,317         1,984         32,317           Taction Power Various         1         16,678         17,532         15,52         14,559         11,548         11,044         11,52         303         1,115         301         10,052         10,052         10,052         10,052         10,052         10,052         10,052         10,052         10,052         10,052         10,052         303         31,115         309         1,424           Frant Shefters Koops         -         -         2,31         2,66         2,505         3,03         3,39,890         300         40,199         5,000         5,000         5,000         5,000         5,000         5,000         5,000         5,000         5,000         5,000         5,000         5,000         5,000         5,000         5,000         5,000         5,000					,				25.506	26 100	20 702		27.000	
Automotive Non-Revenue Vehicles       4,948       4,948       2,472       2,382       3,377       5,877       4,074       5,123       2,064       30,317       1,984       32,301         Traction nower - Various       1       16,578       17,523       15,582       11,548       11,044       11,542       11,562       11,578       12,500       12,500       12,500       12,500       12,500       12,500       12,500       12,500       12,500       12,500       12,500       12,500       12,500 <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>24,534</td> <td>25,044</td> <td>25,590</td> <td>26,190</td> <td>29,793</td> <td></td> <td>27,698</td> <td></td>	-						24,534	25,044	25,590	26,190	29,793		27,698	
Traction Power - Various       Index       I				2,240			3 377	5 877	4 074	5 123	2 064		1 984	
Yards and Roads - Various     Image: Stretcar Maint & Storage Facility     Image: Stretcar Maint & Storage     Image: Stretcar Maint & Storage     Image: Str			4,540	16.678				,						
Transit Shelters & Loops       Image: Shelters & Loops       231       286       295       303       1,115       309       1,424         Fare Handling Equipment       30,765       75       75       75       75       250       250       250       250       300       39,890       300       40,190         Subway Car Verchases       (5,000       (5,000)       (5,000)       (5,000)       (20,227)       (21,258) <th< td=""><td>Yards and Roads - Various</td><td></td><td></td><td></td><td>,</td><td>-,</td><td>,</td><td><i>,</i></td><td><i>,</i>-</td><td>,- ,-</td><td>,</td><td></td><td>,-</td><td></td></th<>	Yards and Roads - Various				,	-,	,	<i>,</i>	<i>,</i> -	,- ,-	,		,-	
Fare Handling Equipment       30,765       7,675       7,57       75       75       250       250       250       250       300       39,890       300       40,190         Subway Car Purchases       2,988        3,066       5,035       2,035       18,878       2,035       2,035       18,878       2,035       2,035       18,878       2,035       3,06       2,507       12,519       17,654       9,007       7,53       89,05       6,5,00       9,507       12,519       17,654       17,054       19,00       7,575       9,875       31,515       12,519       17,654       12,519       1,557       1,557       1,557       1,557       1,557       1,557       1,535       1,535       3,515       3,515       3,515       3,515       3,515       3,515       1,537       1,535       1,537       42,51       1,557	Leslie Barns Streetcar Maint.& Storage Facility			10,052								10,052		10,052
Subway Car Purchases         (5,000)         (5,000)         (5,000)         (5,000)         (5,000)         (5,000)         (5,000)         (23,215)         (20,227)         (20,227)         (20,227)           Other Service Planning         37,402         13,415         1,614         657         800         715         4,919         49,419         64,441         24,815         88,856           Finishes - Various         8,333         12,578         17,452         17,452         17,454         9,000         7,233         89,305         64,910         98,955         81,231           Tools and Shop Equipment - Various         360         6,520         5,228         7,964         12,319         16,574         12,594         9,797         71,356         98,875         81,231           Tools and Shop Equipment - Various         360         6,520         5,228         7,964         12,319         16,574         12,594         9,797         71,356         98,875         81,231           Communications - Various         (3,352)         (1,155)         (2,198)         2,210         2,101         2,106         248,003         2,573         30,576           Environmental Programs         (3,352)         (1,355)         (2,155)         6,647	Transit Shelters & Loops							231	286	295	303	1,115	309	1,424
Replace 40' Diesel Buses or Equivalent       2,988       -<			30,765		75	75	250	250	250	250	300		300	
Other Service Planning         No.         3,068         5,035         2,635         2,035         2,035         2,035         1,8,878         2,035         2,035           Subway Car Overhaul Program         37,402         13,415         1,614         657         800         715         4,919         4,919         64,441         24,415         88,856           Finishes- Various         8,333         1,2,578         17,462         17,025         17,454         9,200         7,253         88,305         6,302         95,607           Equipment - Various         3,60         6,520         5,228         7,7964         12,139         16,74         12,149         9,200         7,253         88,305         6,302         25,737         31,215           Tools and Shop Equipment         4,960         3,382         5,067         2,408         3,016         2,321         2,507         6,947         6,703         6,561         21,163         8,246         29,409           Furniture & Office Equipment         10         486         355         272         6,83         425         237         492         235         3,195         4433         3,678           Easier Access Phase II & III         1         486         <				(5,000)									1	
Subway Car Overhaul Program         37,402         13,415         1,614         657         800         715         4,919         4,919         64,441         24,415         88,856           Finishes - Various         8,333         12,578         17,462         17,025         17,454         9,200         7,253         89,305         6,302         95,607           Equipment - Various         360         6,520         5,228         7,964         12,319         16,574         12,54         9,977         7,1356         9,875         81,231           Tools and Shop Equipment         4,960         3,252         6,077         2,408         3,016         2,232         2,570         6,576         6,576         6,579         43,337         5,934         49,331           Communications - Various         (3,352)         (1,155)         (2,199)         2,507         6,947         6,703         6,507         6,566         21,163         8,246         29,409           Furniture & Office Equipment         10         486         355         272         6,83         42,574         42,794         42,794         42,791         16,653         22,564         187,217           Rail Non-Revenue Vehicle Overhaul         4510         17,363 <td></td> <td></td> <td>2,988</td> <td></td>			2,988											
Finishes - Various       8,333       12,578       17,462       17,025       17,454       9,200       7,253       89,305       6,302       95,607         Equipment - Various       360       6,520       5,228       7,964       12,319       16,574       12,594       9,797       71,356       9,875       81,231         Tools and Shop Equipment       4,960       3,22       5,067       2,408       3,016       6,221       2,570       2,119       2,160       28,003       2,573       30,576         Environmental Programs       (3,352)       (1,155)       (1,155)       (2,199)       2,507       6,470       6,507       6,661       21,163       8,246       29,409         Furniture & Office Equipment       10       486       355       272       683       425       237       492       235       3,195       483       3,678         Easier Access Phase II & III       10       486       355       272       683       42,573       46,739       42,041       27,916       164,653       22,564       187,217         Rail An-Revenue Vehicle Overhaul       11,91       17,363       42,763       37,636       38,894       40,655       41,071       44,43       44,271       <	Ū.		27.402	13.445				2,035			,			
Equipment - Various         360         6,520         5,228         7,964         12,319         16,574         12,594         9,977         71,356         9,875         81,231           Tools and Shop Equipment         4,960         3,382         5,067         2,408         3,016         2,321         2,570         2,119         2,160         28,003         2,573         30,576           Environmental Programs         3,707         8,488         13,496         6,700         5,507         5,790         43,397         5,94         49,331           Communications - Various         (3,352)         (1,155)         (2,199)         2,507         6,647         6,703         6,561         21,163         8,246         29,409           Furniture & Office Equipment         10         486         355         272         668         425         237         492         235         3,195         483         3,678           Easier Access Phase II & III         10         486         7,736         37,636         38,894         40,645         41,071         44,53         42,271         305,996         39,897         342,673         37,636         38,894         40,645         41,071         44,43         42,271         305,996	,			13,415	1,614			17.020						
Tools and Shop Equipment         4,960         3,382         5,067         2,408         3,016         2,321         2,570         2,119         2,160         28,003         2,573         30,576           Environmental Programs         3,707         8,488         13,496         6,240         5,676         5,790         43,397         5,934         44,331           Communications - Various         (3,52)         (1,155)         (2,199)         2,507         6,873         6,707         420         2,567         6,216         21,163         8,483         3,676           Furniture & Olice Equipment         10         486         355         272         683         422         237         4492         235         3,195         4433         3,678           Easier Access Phase II & III         1         458         -         -         47,957         46,793         42,041         27,916         164,653         22,564         187,217           Rail Non-Revenue Vehicle Overhaul         458         -         -         -         1,192         1,718         3,368         4,521           Bridges and Tunnels - Various         4,813         -         1,7363         42,763         37,606         38,894         40,614				6 520	5 228	12,378								
Environmental Programs       (3,352)       (1,356)       (1,155)       (2,199)       2,507       6,647       6,703       6,570       43,397       49,331         Communications - Various       (3,352)       (1,356)       (1,155)       (2,199)       2,507       6,647       6,703       6,507       6,561       21,163       8,246       29,409         Furniture & Office Equipment       10       486       355       272       683       4425       237       492       235       3,195       443       3,678         Easier Access Phase II & III       458       -       -       47,957       46,04       47,057       44,43       42,713       305,096       21,153       42,153       45,217         Bridges and Tunnels - Various       458       -       -       -       -       1,192       1,118       3,369       39,574       34,4570         Signal Systems - Various       4,813       -       -       -       -       -       -       -       -       -       4,141       -       4,141       -       4,141       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -						2.408								
Communications - Various         (3,32)         (1,356)         (1,155)         (2,199)         2,507         6,947         6,703         6,507         6,561         21,163         8,246         29,409           Furniture & Office Equipment         10         486         355         272         683         425         237         492         235         3,195         483         3,678           Easier Access Phase II & III         486         355         272         683         425         237         492         235         3,195         483         3,678           Bridges and Tunels - Various         458         -         -         47,957         46,739         42,011         1,192         1,103         305,096         334,670           Bridges and Tunels - Various         17,363         42,763         37,636         38,894         40,645         41,071         1,192         1,083         42,271         305,096         335,970         34,670           Signal Systems - Various         4,813         -         -         6,07         1,679         1,683         42,271         305,096         33,970         22,498         25,585         26,070         1,257         1,296         14,191         1,313         1,5			.,500	5,502	5,007		-							
Furniture & Office Equipment         10         486         355         272         683         425         237         492         235         3,195         483         3,678           Easier Access Phase II & III         III         III         III         IIII         IIIII         IIIIIII         IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	-		(3,352)	(1,356)	(1,155)									
Rail Non-Revenue Vehicle Overhaul       458       42,763       37,666       38,894       40,645       1,192       1,118       3,368       1,153       4,521         Bridges and Tunnels - Various       1528       17,363       42,763       37,666       38,894       40,645       41,071       44,453       42,271       305,096       39,574       344,670         Signal Systems - Various       4,813       6       5       3,703       1,69       1,69       1,619														
Bridges and Tunnels - Various         17,363         42,763         37,66         38,894         40,645         41,071         44,453         42,271         305,096         39,574         344,670           Fare System         (528)         (7753)         (2,860)         7         55         3,703         1,459         1,608         1,257         1,266         14,191         1,331         15,522           ATC Resignalling         1,639         1,639         22,408         25,635         26,007         25,238         25,944         26,723         220,911         30,056         42,215         305,066         42,141           Information Technology System-Infrastructure         6,807         14,915         20,550         4,667         15,597         15,288         10,798         88,622         8,689         42,073           Total New         106,416         222,817         204,732         181,295         202,799         243,477         249,067         241,468         201,569         185,240         297,475	Easier Access Phase II & III							47,957	46,739	42,041	27,916	164,653	22,564	187,217
Fare System         (528)         (753)         (2,860)         - <td></td> <td></td> <td>458</td> <td></td>			458											
Signal Systems - Various         4,813         -         55         3,703         1,459         1,608         1,257         1,296         14,191         1,331         15,522           ATC Resignalling         1,639         33,897         22,408         25,635         26,007         25,238         25,944         26,723         220,911         30,006         242,145           Information Technology System-Infrastructure         6,807         14,915         -         20,500         4,667         15,597         15,288         10,798         8,869         250,917         13,016         227,731         120,916         243,477         249,067         241,468         201,369         185,240         297,475         277,75	_					37,636	38,894	40,645	41,071	44,453	42,271		39,574	
ATC Resignalling       1,639       1,639       1,639       40,506       42,145         Surface Track       35,059       33,897       22,408       25,635       26,007       25,238       25,944       26,723       220,911       30,056       250,967         Information Technology System-Infrastructure       6,807       14,915       20,550       4,667       15,597       15,288       10,798       88,622       8,689       97,311         Total New       106,416       222,817       204,732       181,295       202,799       243,477       249,067       241,468       201,369       185,3440       297,475	-			(753)	(2,860)								1	(4,141)
Surface Track         33,059         33,897         22,408         25,635         26,007         25,238         25,944         26,723         220,911         30,056         250,067           Information Technology System-Infrastructure         6,807         14,915         20,550         4,667         15,597         15,288         10,798         88,622         8,689         97,311           Total New         106,416         222,817         204,732         181,295         202,799         243,477         249,067         241,468         201,369         1853,440         297,475			4,813			55	3,703	1,459	1,608	1,257	1,296			
Information Technology System-Infrastructure         6,807         14,915         20,550         4,667         15,597         15,288         10,798         88,622         8,689         97,311           Total New         106,416         222,817         204,732         181,295         202,799         243,477         249,067         241,468         201,369         1853,440         297,475					22.00-	22.000	25 62-	20.00-	25.000		26 725			
Total New         106,416         222,817         204,732         181,295         202,799         243,477         249,067         241,468         201,369         1852,440         297,475			C 007		33,897	22,408								
					204 732	181 205								97,311

#### Table 2 Summary of Project Changes (In \$000s)

#### Significant Capital Project Changes in TTC:

Cash flow funding for the following previously approved capital projects have been adjusted based on project reprioritization as well as adjustments based on historical spending rates, capacity and expected progress and completion of the projects, as outlined below:

Significant reductions have been made to the following project costs:

- Bus Heavy Rebuild Program Overhaul project cost has been decreased by \$108.892 million or 35.5%, based on a reprioritization of capital projects and a lack of available funding. This project includes the mechanical and body overhaul of Commission buses to ensure they continue to provide safe, reliable service until they reach retirement.
  - In recent years, this work has been performed on buses after they have been in service for approximately 9 years. Unfunded cash flow funding from 2019 2025 (\$260.645 million) has increased by \$4.584 million over last year and remains on the list of unfunded projects due to funding constraints.
- The Replacement Bus program has decreased by \$141.082 million or 24% over the 9 year period mostly due to project costs being removed from the 10-Year Capital Plan and placed "below the line" based on a reprioritization of capital projects.

The following previously approved TTC capital projects have been allocated increased funding to address key priorities outlined below:

- The *Easier Access Phase III project* has been increased by \$164.653 million or 68.5%.
  - Project funding in the years from 2021 2024 was previously included in the list of unfunded projects but has now has been added to the 10-Year Capital Plan based on a reprioritization to ensure the TTC can continue to make advancements on this project.
  - This project includes constructing and enhancing accessibility features (i.e. installation of elevators at TTC stations) to make the TTC fully accessible by 2025.
  - This requirement, as a result of Provincial legislation, is very costly and funded by debt and Provincial subsidies.
- The *Subway Car Overhaul* Program has been increased by \$87.705 million or 51.3%.
  - This program ensures that the new subway fleet is maintained in a state of good repair. A comprehensive overhaul program is scheduled for the vehicles at 5 to 6 year intervals until their retirement at 30 years.
- The *Finishes* project has also increased by \$89.15 million over the 9 year period.
  - Cash flow funding from 2018-2024 that was previously included in the list of unfunded projects has now been partially added to the 10-Year Capital Plan, based on a reprioritization to ensure the TTC can continue to make advancements on this project.
  - TTC infrastructure is aging and requires bringing it to a state of good repair, while at the same time planning for implementing needed service expansion is a significant challenge. The Finishes project includes the Roofing Rehabilitation Program and the Station Modernization

project, both are aimed at ensuring TTC can support the delivery of services and meet future needs of the public.

#### 2016 – 2025 Capital Plan

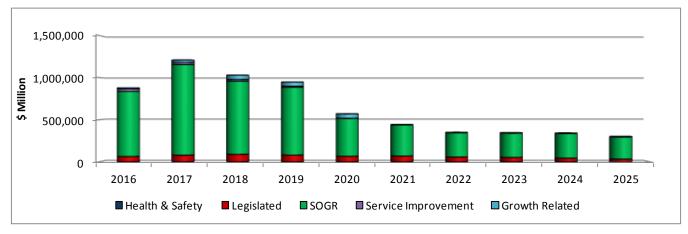


Chart 2 2016 – 2025 Capital Plan by Project Category (In \$000s)

As illustrated in the chart above, the 10-Year Capital Plan for TTC of \$5.474 billion provides 85.5% funding for State of Good Repair (SOGR) projects and \$1.063 million or 1.7% for Service Improvement projects. Legislative mandated projects represent \$624 million or 9.7% and Growth Related projects represent the remaining of \$198 million or 3.1% over the 10-year period.

- The major share of the \$5.474 billion over the 10-year period has been dedicated to State of Good Repair projects.
  - The TTC has identified \$9.081 billion (excluding carry forwards of \$235.525 million) in capital needs for the 2016-2025 period. The City has been able to identify \$6.401 billion in available funding to address these needs, resulting in \$2.679 billion in unfunded pressures.
  - Unfunded pressures are discussed in further detail in Part III (Issues for Discussion Capital Plan Affordability). Chart 2 represents the available funding for the TTC's most immediate needs.
- 85% of funding is required to maintain assets in a state of good repair. Major SOGR projects include the *Purchase of LRVs* (\$546.107 million), the Yonge-University-Spadina (YUS) *ATC Resignalling* project (\$548.984 million), the *Bridges & Tunnels Program* (\$432.446 million) and the *Toronto Rocket Yard and Storage Track Accommodation* project (\$402.511 million).
- Legislated projects account for 9.7% or \$624.351 million of total funding for the 10-year period of which \$428.394 million or 68.6% is for the *Easier Access* program; a program designated to construct and enhance accessibility features to make the TTC fully accessible by 2025.
- Growth related projects (3.1% or \$197.491 million), including the *McNicoll Bus Garage Facility*, and PRESTO Implementation (\$21.843 million). Service improvement projects (1.7% or \$106.3 million), including *purchase of 50 buses* account for the remaining 4.8% of total funding.

#### 2016 Capital Budget

 Growth related projects (3.1% or \$197.491 million), including the *McNicoll Bus Garage Facility*, and service improvement projects (1.7% or \$174.758 million), including the *Implementation of PRESTO*, account for the remaining 4.8% of total funding. The following table details the capital projects by category included in the 2016 – 2025 Capital Budget and Plan for TTC:

	Total App'd Cash Flows to Date*	2016 Budget	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	2022 Plan	2023 Plan	2024 Plan	2025 Plan	2016 - 2025 Total	Rec'd Total Project Cost
Total Expenditures by Category													
Legislated													
- Yards and Roads		4,110	7,000	10,765	11,324	11,445						44,644	
Bus Heavy Rebuild Program		5,630	335	350	,-	, -						6,315	
Communications		1,827	2,253	729								4,809	
Easier Access Phase II & III	463,018	34,439	52,044	54,904	55,482	41,417	50,848	46,739	42,041	27,916	22,564	428,394	463,321
Environmental Programs		10,337	11,773	15,620	8,448	8,488	13,496	6,240	5,676	5,790	5,934	91,802	
Equipment		3,690	3,048	2,200	448	606	967					10,959	
Other Bldgs & Structures Projects		2,198	1,811	3,566	3,562	2,558	2,344	2,600	2,617	2,598	2,831	26,685	
Other Service Planning		200	200	200	200	200	200	200	200	200		1,800	
Streetcar Overhaul Program		<b>CD 404</b>	410	410	410	410	410	410	410	6,073		8,943	
Sub-Total		62,431	78,874	88,744	79,874	65,124	68,265	56,189	50,944	42,577	31,329	624,351	
State of Good Repair													
ATC Resignalling	873,068		83,641	90,434	86,218	60,781	51,438	38,923	43,338	48,999	40,506	548,984	874,939
Automotive Non-Revenue Vehicles		9,328	3,465	2,472	2,382	3,377	5,877	4,074	5,123	2,064	1,984	40,146	
Bridges and Tunnels		50,472	54,667	42,763	37,636	38,894	40,645	41,071	44,453	42,271	39,574	432,446	
Bus Heavy Rebuild Program		67,566	65,262	42,055	9,903	5,804	857	6 700	6 5 6 7	6.564	0.246	191,447	
Communications Equipment		9,405	18,836	15,486	14,588	8,255	6,947	6,703	6,507	6,561	8,246	101,534	
Equipment	20.546	27,938	45,456	33,260	25,213	23,998	18,919	16,574	12,594	9,797	9,875	223,624	20.546
Fare Handling Equipment Fare System	30,516	33,977	7,675 571	75 577	75 483	250	250	250	250	300	300	43,402 1,631	30,516
Finishes		14,625	19,514	14,714	483	17,462	17,025	17,454	9,200	7,253	6,302	1,631	
Fire Ventilation Upgrade	352,665	23,487	22,947	40,659	27,011	17,402	11,023	1,404	5,200	, ,2,3	0,502	140,987	
Furniture & Office Equipment	232,000	209	486	355	27,011	683	425	237	492	235	483	3,877	
Information Technology System-Infrastructure		83,342	88,283	52,687	31,967	48,434	17,998	15,597	15,288	10,798	8,689	373,083	
Leslie Barns Streetcar Maint.& Storage Facility	506,622	26,225	27,119	2,200							-	55,544	
On-Grade Paving Rehabilitation		8,802	11,348	13,354	12,802	13,500	12,800	12,798	10,200	10,962	9,863	116,429	
Other Bldgs & Structures Projects		31,786	80,313	76,741	61,696	51,270	19,621	5,056	6,904	6,543	4,028	343,958	
Other Maintenance Equipment		3,033	1,276	1,225	1,151	1,153	1,154	1,213	1,158	1,160	1,861	14,384	
Other Service Planning		750										750	
Power Dist./Electric Systems		7,514	9,792	10,732	8,335	5,576	5,496	5,329	5,449	5,674	7,196	71,093	
Purchase of Legacy LRVs		62,794	165,928	157,136	160,249							546,107	1,186,503
Purchase of Rail Non-Revenue Vehicle		9,378	8,673	1,796	6,635	2,350						28,832	
Queensway Bus Garage Renovations		495 1,055	2.050	2,075	1 705	1,783	1	1 005	1 700	1 710	1,153	495	
Rail Non-Revenue Vehicle Overhaul Replace 40' Diesel Buses or Equivalent	716,637	64,401	2,050 73,400	60,600	1,765 69,472	4,449	1,669 42,270	1,685 40,012	1,703 37,425	1,718 41,747	1,153	16,656 433,776	478,456
Signal Systems	/10,05/	8,484	23,224	22,794	14,120	3,703	1,459	1,608	1,257	1,296	1,331	433,776	478,450
Streetcar Overhaul Program		7,992	8,614	22,754	14,120	633	905	278	3,831	7,236	18,618	48,107	
Subway Car Overhaul Program		68,157	48,042	19,002	18,120	17,885	15,297	13,232	17,059	17,373	24,415	258,582	
Subway Car Purchases	1,129,514	24,236	9,122	4,076	-, -	,	-, -	-, -	,	,	, -	37,434	1,166,948
Subway Track		26,978	42,608	24,149	53,199	24,534	25,044	25,596	26,190	29,793	27,698	305,789	
Surface Track		22,177	61,717	33,897	22,408	25,635	26,007	25,238	25,944	26,723	30,056	299,802	
Tools and Shop Equipment		10,296	4,275	5,067	2,408	3,016	2,321	2,570	2,119	2,160	2,573	36,805	
Toronto Rocket Yard & Storage Track Accommodation	94,733	38,204	65,391	81,357	104,280	69,889	43,390					402,511	423,518
Traction Power		25,025	21,968	17,532	15,632	14,959	11,548	11,044	11,542	11,659	17,811	158,720	
Transit Shelters & Loops		240	250	257	264	271	278	286	295	303	309	2,753	
Wilson Complex - Modifications for the Toronto Roc			487	000 507	005 300	***	200.040	206.020	200.224	202.025	262.074	487	
Sub-Total	3,703,755	773,077	1,076,400	869,527	805,722	448,544	369,640	286,828	288,321	292,625	262,871	5,473,555	4,160,880
Service Improvements													
Finishes		55	159									214	
Other Bldgs & Structures Projects		7,724	12,568	1,340	496	559	720	720	560	500	1,000	26,187	
Other Service Planning		5,320	5,835	5,636	5,035	2,635	2,035	2,035	2,035	2,035	2,035	34,636	
Power Dist./Electric Systems		201	201	210	210	220	220	230	230	240	240	2,202	
Purchase of Rail Non-Revenue Vehicle	27 52 4	20	6,648	13,026	6,256							25,950	
Replace 40' Diesel Buses or Equivalent Subway Track	27,534	14,072 1,690	322	59								14,072 2,071	
Subway Track Surface Track		1,690	322	59								2,071	
Sub-Total	27,534	30,089	25,733	20,271	11,997	3,414	2,975	2,985	2,825	2,775	3,275	106,339	-
Growth Related		,005	_0,.00	,	,,	-,	_,	_,	_,0_0	_,5			
			4.000										
Yards and Roads		200	1,033									1,033	
Fare Handling Equipment	16 600	260	E 004	3 150								260	
Fare System McNicoll Bus Garage Facility	46,698	9,830	6,984	2,159	50.000	51 050						18,973 174 758	101 000
Other Bldgs & Structures Projects	6,242	2,308 1,480	20,500 987	50,000	50,000	51,950						174,758 2,467	181,000
Sub-Total	t	13,878	29,504	52,159	50,000	51,950						197,491	181,000
Total Expenditures by Category (excluding carry forward)	3,731,289	879,475	1,210,511	1,030,701	947,593	569,032	440,880	346,002	342,090	337,977	297,475	6,401,736	4,341,880

Table 3Summary of Capital Plan by Project Category (In \$000s)

#### 2016 – 2025 Capital Projects

The 10-Year Capital Plan supports TTC's objectives of timely project delivery, maintaining SOGR, and improving and expanding the transit system. Listed below are the major capital projects by category.

#### 2016 Capital Budget

#### Legislated

- Major Legislated projects require cash flow funding of \$624.351 million or 9.75% of the total 10-Year Capital Plan's expenditures.
  - Easier Access Phase III (\$428.394 million)
    - Funding of \$428.394 million is to make modifications to subway/RT stations to ensure that they are accessible to persons with disabilities through the addition of elevators, easier access fare gates, automatic sliding doors and signage improvements.
    - This project is spurred by the Accessibility for Ontarians with Disabilities Act (AODA) that was enacted in 2005 and requires all subway stations to be fully accessible by 2025.

#### State of Good Repair (SOGR) Projects

- Purchase of Streetcars (LRVs)
  - Funding of \$546.107 million (total project cost of \$1.187 billion), will provide for the continued purchase of 204 LRVs procured from 2012-2020. The current LRV procurement schedule has been adjusted to account for a delay in the delivery of the vehicles by the manufacturer, as well as the cash flow funds in this Capital Plan.
- ATC Resignalling
  - The project requires \$562.835 million in costs to improve the YUS Line and \$300.687 million to improve the Bloor-Danforth (BD) Subway signaling system to replace antiquated conventional signaling with Automatic Train Control that will increase capacity by allowing for closer train headways.
  - ATC for the BD line includes additional scope requirements beyond the 10-Year Capital Plan period as the work for this project has been delayed until the YUS ATC Resignalling project is significantly completed by 2021
- Purchase of Buses
  - Funding of \$433.776 million is required to address projected ridership growth and to maintain an 18 year life cycle program.
- Bridges and Tunnels
  - Funding of \$432.446 million is required to address infrastructure maintenance and improvements to bridges and tunnels to maintain these assets in a state of good repair.
- Toronto Rocket Yard & Storage Track Accommodation
  - Funding of \$402.511 million (total project cost of \$516.674 million) will provide for the design and construction of various subway vehicle facilities and yards to ensure proper delivery, maintenance and storage of the new fixed six-car Toronto Rocket subway trains.
- Information Technology System-Infrastructure
  - Funding of \$373.083 million will provide for a variety of IT projects including work to reengineer business processes and implement SAP, an Enterprise Resource Planning (ERP) system, which will integrate TTC's financial information with the City of Toronto, and upgrade and improve the

CAD (Computer Aided Dispatch)/AVL (Automatic Vehicle Location) System to provide operational improvement for surface vehicles and upgrade customer service.

- Bus Heavy Rebuild Program
  - The program is based on an 18 year life cycle and requires funding of \$354.758 million to conduct the mechanical and body overhaul of Commission buses to ensure they continue to provide safe, reliable service until they reach retirement.
  - This program includes mid-life overhauls on buses after approximately 9 years of service, a maintenance program at 6 and 12 years for all hybrid buses, and a 15 year mechanical overhaul program of engines on specific buses.

#### Service Improvement Projects

- Other Buildings and Structures
  - \$26.187 million in funding will provide a secondary subway platform to Union Subway station and modify the existing concourse level to accommodate the flow of future walking traffic.
- Other Service Planning
  - \$34.636 million in funding will address *Transit Priority Measures* that focus on presenting more predictable and consistent travel times for riders.
  - The project encompasses the implementation of transit signal priority technology and the construction of queue-jump lanes to allow for buses approaching an intersection to move directly to the lane to pass the queue of stationary traffic.

#### **Growth Related Projects**

- Fare System
  - Funding of \$18.973 million will deliver the design and build of TTC-PRESTO devices for the implementation of the PRESTO fare collection system.
- McNicoll Bus Garage Facility
  - Funding of \$174.758 million will provide for the construction of an indoor storage and maintenance facility for 250 buses to accommodate ridership growth and expanding bus fleet.

#### 2016 Capital Budget and Future Year Commitments

- Included as sub-set of the 10-Year Capital is the 2016 Capital Budget and Future Year Commitments, that consists of 2016 and future year cash flow funding estimates for previously approved by Council; adjustments (Scope Change) to those previously approved projects; as well as new projects that collectively require Council approval to begin, continue or complete capital work.
  - > Table 3a below list the 2016 Cash Flow and Future Year Commitments for TTC:

Table 3a2016 Cash Flow & Future Year Commitments (In \$000s)

xpenditures: Previously Approved ATC Resignalling Automotive Non-Revenue Vehicles Bridges and Tunnels - Various Bus Heavy Rebuild Program - Overhaul Communications - Various	4,706 4,380				2020	2021	2022	2023	2024	2025	Commits
Previously Approved ATC Resignalling Automotive Non-Revenue Vehicles Bridges and Tunnels - Various Bus Heavy Rebuild Program - Overhaul Communications - Various	4,380										
ATC Resignalling Automotive Non-Revenue Vehicles Bridges and Tunnels - Various Bus Heavy Rebuild Program - Overhaul Communications - Various	4,380										
Automotive Non-Revenue Vehicles Bridges and Tunnels - Various Bus Heavy Rebuild Program - Overhaul Communications - Various	4,380	82,002	90,434	86,218	60,781	51,438	38,923	43,338	48,999	40,506	547,345
Bridges and Tunnels - Various Bus Heavy Rebuild Program - Overhaul Communications - Various	-	3,465							,	,	7,845
Bus Heavy Rebuild Program - Overhaul Communications - Various	50,472	37,304									87,776
Communications - Various	71,481	5,584	350								77,415
	14,584	22,445	17,370	16,787	5,748						76,934
Easier Access Phase II & III	34,439	52,044	54,904	55,482	41,417	2,891					241,177
Environmental Programs	10,337	11,773	15,620	4,741	,	,					42,471
Equipment - Various	31,268	41,984	30,232	25,661	16,640	7,567					153,352
Fare Handling Equipment	3,472	,	,			,					3,472
Fare System	10,358	8,308	5,596	483							24,745
Finishes - Various	6,347	19,673	14,714	4,860							45,594
Fire Ventilation Upgrade	23,487	22,947	40,659	37,499							124,592
Furniture & Office Equipment	199	,	,								199
Information Technology System-Infrastructure	76,535	73,368	52,687	31,967	27,884	13,331					275,772
Leslie Barns Streetcar Maint.& Storage Facility	26,225	17,067	2,200	. ,	,	.,					45,492
McNicoll Bus Garage Facility	2,308	20,500	50,000	50,000	51,950						174,758
On-Grade Paving Rehabilitation	8,802	11,348	13,354	1,794	. ,						35,298
Other Bldgs & Structures Projects	42,601	82,446	71,264	65,089	53,708	18,398	3,320	3,177	2,757	2,831	345,591
Other Maintenance Equipment	2,131	1,226	, 1)201	00,000	55,700	10,000	5,520	5,177	2,7.57	2,001	3,357
Other Service Planning	6,270	6,035	2,768	200	200	200	200	200	200		16,273
Power Dist./Electric Systems - Various	7,715	9,792	1,453	200	200	200	200	200	200		18,960
Purchase of Legacy LRVs	62,794	165,928	157,136	160,249							546,107
Purchase of Rail Non-Revenue Vehicle	4,743	13,073	5,916	6,635	2,350						32,717
Queensway Bus Garage Renovations	495	13,075	5,510	0,035	2,550						495
Rail Non-Revenue Vehicle Overhaul	597	2,050	2,075	1,765	1,783	1,669	1,685	511			12,135
Replace 40' Diesel Buses or Equivalent	75,485	73,400	60,600	69,472	4,449	42,270	40,012	37,425	64,962	120,859	588,934
Signal Systems - Various	3,671	23,224	22,794	14,065	4,445	42,270	40,012	57,425	04,502	120,000	63,754
Streetcar Overhaul Program	7,992	9,024	22,754	14,005	633	905	278	3,831	7,236	1,922	31,821
Subway Car Overhaul Program	30,755	34,627	17,388	17,463	17,085	15,297	12,517	12,140	12,454	3,793	173,519
Subway Car Purchases	24,236	14,122	4,076	17,405	17,005	15,257	12,517	12,140	12,434	5,755	42,434
Subway Carl Furchases	24,230	15,984	4,070								44,059
Surface Track	23,184	26,658									49,842
Tools and Shop Equipment	5,336	893									6,229
Toronto Rocket Yard & Storage Track Accommodatio	-	65,391	81,357	104,280	69,889	43,390					402,511
Traction Power - Various	25,025	5,290	01,557	104,200	05,005	43,350					30,315
Transit Shelters & Loops	23,023	250	257	264	271	47					1,329
		487	257	204	2/1	47					487
Wilson Complex - Modifications for the Toronto Roc Yards and Roads - Various	4,110	7,982	10,765	11,324	11,445						487
ubtotal	773,059	987,694	825,969	766,298	366,233	197,403	96,935	100,622	136,608	169,911	4,420,732
	115,059	987,094	823,909	700,298	500,255	197,405	90,955	100,022	150,008	109,911	4,420,732
hange in Scope		1 6 2 0									1,639
ATC Resignalling	1 715	1,639									
Bus Heavy Rebuild Program - Overhaul	1,715	(1 250)	(1 1 5 5 )	(2 100)							1,715
Communications - Various	(3,352)	(1,356)	(1,155)	(2,199)		47.057	46 720	42.041	27.010	22 5 6 4	(8,062)
Easier Access Phase II & III	260	402				47,957	46,739	42,041	27,916	22,564	187,217
Equipment - Various	360	402									762
Fare Handling Equipment	260	(753)	(2.000)								260
Fare System	(528)	(753)	(2,860)	(10 400)							(4,141)
Fire Ventilation Upgrade	-	10.053		(10,488)							(10,488)
Leslie Barns Streetcar Maint.& Storage Facility	507	10,052	705		670						10,052
Other Bldgs & Structures Projects	587	987	735	665	679						3,653
Purchase of Rail Non-Revenue Vehicle	4,655	2,248									6,903
Rail Non-Revenue Vehicle Overhaul	458								(22.245)	(420.050)	458
Replace 40' Diesel Buses or Equivalent	2,988								(23,215)		(141,086)
Streetcar Overhaul Program	27.000	40.44-			0.00			4.046		16,696	16,696
Subway Car Overhaul Program	37,402	13,415	1,614	657	800		715	4,919	4,919	20,622	85,063
Subway Car Purchases	_	(5,000)									(5,000)
Subway Track	593	322	59								974
Yards and Roads - Various ubtotal	45,138	51 22,007	(1,607)	(11,365)	1,479	47,957	47,454	46,960	9,620	(60,977)	51 146,666

	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Total 2016 Cash Flow & FY Commits
New w/Future Year											
Automotive Non-Revenue Vehicles	4,948										4,948
Bridges and Tunnels - Various		17,363	14,120								31,483
Bus Heavy Rebuild Program - Overhaul		60,013	29,540								89,553
Environmental Programs				3,707	1,459						5,166
Equipment - Various		6,118	5,228		2,550						13,896
Fare Handling Equipment	30,505	7,675									38,180
Finishes - Various	8,333			500							8,833
Furniture & Office Equipment	10	486									496
Information Technology System-Infrastructure	6,807	13,802									20,609
Other Bldgs & Structures Projects		12,246	9,648			4,287	5,056	6,904	5,131		43,272
Other Maintenance Equipment	902	50									952
Other Service Planning			3,068	5,035	2,635	2,035	2,035	2,035	2,035	235	19,113
Power Dist./Electric Systems - Various		201	6,752								6,953
Purchase of Rail Non-Revenue Vehicle			8,906	6,256							15,162
Signal Systems - Various	4,813										4,813
Streetcar Overhaul Program			410	410	410	410	410	410	6,073		8,533
Subway Track		26,624									26,624
Surface Track		35,059									35,059
Tools and Shop Equipment	4,960	3,382	5,067								13,409
Traction Power - Various		16,678	1,759								18,437
Subtotal	61,278	199,697	84,498	15,908	7,054	6,732	7,501	9,349	13,239	235	405,491
Total Expenditure	879,475	1,209,398	908,860	770,841	374,766	252,092	151,890	156,931	159,467	109,169	4,972,889
Financing:											
Debt/CFC	424,654	523,705	428,685	376,676	125,998	85,065	20,368	33,873	38,082		2,057,106
Debt Recoverable											-
Other	33,449	33,136	22,300	10,906	18,234	13,331					131,356
Reserves/Res Funds	147,084	195,917	92,200	74,503	25,216						534,920
Development Charges	16,466	95,479	100,150	81,573	65,775	64,760	52,265	34,779	34,679		545,926
Provincial/Federal	257,822	361,161	265,525	227,183	139,543	88,936	79,257	88,279	86,706	109,169	1,703,581
Total Financing	879,475	1,209,398	908,860	770,841	374,766	252,092	151,890	156,931	159,467	109,169	4,972,889

Table 3a (Cont'd)2016 Cash Flow & Future Year Commitments (In \$000s)

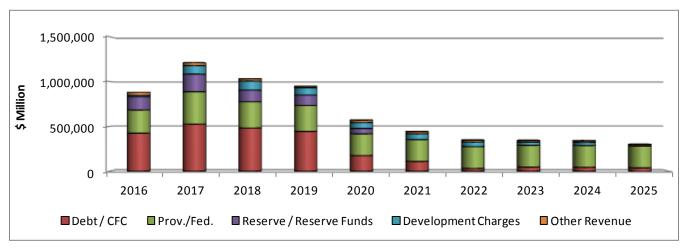


Chart 3 2016 – 2025 Capital Plan by Funding Source (In \$000s)

The 10-Year Capital Plan of \$6.402 billion in cash flow funding will be financed by the following sources:

- Debt accounts for \$2.317 billion or 36.2% of the financing over the 10-year period.
  - Debt funding is at the maximum limit of the 10-year debt affordability guidelines of \$2.317 billion debt target.
  - The TTC has identified \$9.081 billion (excluding carry forwards of \$235.525 million) in capital needs for the 2016-2025 period. The City has been able to identify \$6.402 billion in available funding to address these needs, resulting in \$2.679 billion in unfunded capital work.
- Federal/Provincial Grants fund \$2.656 billion or 41.5% of the 10-Year Capital Plan's projected expenditures.
- Reserves constitute \$648.863 million or 10.1% of the 10-Year Capital Plan's projected expenditures.
  - City reserves will provide funding from the Capital Financing Strategy which includes the use of surplus operating funds in accordance with the City's surplus management policy, Build Toronto and one-time TPA dividends and anticipated contributions from the Federal/Provincial government.
  - This funding is assumed for new streetcar and subway car related projects, which have exerted much of the pressure on the TTC's Capital Program, as well as other SOGR projects such as Bridges and Tunnels, Equipment, Subway Track, Other Buildings and Structures, and Signal Systems.
- Development Charges (DCs) represent \$359.443 million or 7.8% of required funding in the first five years and \$188.243 or 8.6% over last five years of the 10-year period.
  - DC funding has increased by \$36 million or 7.0% from the 2015-2024 Approved Capital Plan to accommodate the increasing need of funding for growth related projects, such as the McNicoll Bus Garage Facility and the Purchase of Buses.
  - These projects have been reviewed to ensure that development charge funding is applied to the fullest extent based on project eligibility and funding available under rates approved as part of the 2013 DC By-law.
- Combined Federal and Provincial funding from these 2 orders of government contributes \$2.657 billion or 31.1% of all financing for the 2016 - 2025 Capital Budget and Plan, collectively.
- Other sources of funding, which account for \$231.677 million or 3.0% will be utilized for the following redevelopment/revitalization projects:
  - Information Technology System-Infrastructure
  - Automotive Non-Revenue Vehicles
  - Tools and Shop Equipment

#### State of Good Repair (SOGR) Backlog

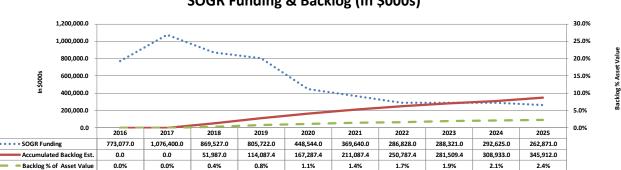


Chart 4 SOGR Funding & Backlog (In \$000s)

The 10-Year Capital Plan dedicates \$5.474 billion to SOGR spending over the 10-Year Capital Plan, of which \$3.973 million or 90% of spending is in the first five years.

- The replacement value of TTC's assets is estimated at \$14.6 billion, based on replacement costs, incorporating bridges, tunnels, buildings, yards, roads, and subway and surface track. A large portion of TTC's infrastructure is more than 50 years old.
- It is estimated that at the end of 2015, the TTC will not have a backlog of SOGR. TTC's backlog of SOGR capital projects was established in the 2014-2023 Approved Capital Plan. The following was used to establish and maintain the accumulated backlog of SOGR projects for the TTC.
  - TTC's annual capital spend rate is typically around 70%. Staff analyzed the TTC's capacity to spend by project based on historical spending and identified opportunities to reduce cash flow funding and timing for various SOGR projects based on TTC's spending rate. The cash flow funding being reduced was placed "below the line" to establish an SOGR backlog.
  - Most ongoing SOGR programs are being funded in the TTC's 2016-2025 Capital Plan. The projects below the line have been reduced based on TTC's capacity to spend. Driving the SOGR backlog is TTC's inability to spend 100% of approved cash flow funding each year on certain projects.
  - > The SOGR backlog is managed and revisited each year to ensure critical SOGR work is funded.
- The delay of significant investments in infrastructure renewal projects will increase the backlog of SOGR work to \$345.912 million by year-end 2025, representing 2.4% of the asset replacement value.
- The state of good repair backlog by asset category is presented in the table below:

Table 4	
SOGR Backlog by Asset Category (In \$000s)	

Total	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
State of Good Repair Funding	193,178	318,077	241,696	228,586	192,790	154,584	137,377	137,827	137,748	138,905
Accumulated Backlog Est. (yr end)	-	-	51,987	114,087	167,287	211,087	250,787	281,509	308,933	345,912
Backlog %Asset Value	0.0%	0.0%	0.4%	0.8%	1.1%	1.4%	1.7%	1.9%	2.1%	2.4%
Asset Value	14,600,000	14,600,000	14,600,000	14,600,000	14,600,000	14,600,000	14,600,000	14,600,000	14,600,000	14,600,000
Subway Track										
State of Good Repair Funding	26,978	42,608	24,149	53,199	24,534	25,044	25,596	26,190	29,793	27,698
Accumulated Backlog Est. (yr end)			6,000	19,200	25,300	31,700	38,200	44,748	52,248	58,977
Asset Value										
Surface Track										
State of Good Repair Funding	22,177	61,717	33,897	22,408	25,635	26,007	25,238	25,944	26,723	30,056
Accumulated Backlog Est. (yr end)			8,500	14,100	20,600	27,000	33,400	39,886	46,686	54,186
Asset Value										
Traction Power - Various										
State of Good Repair Funding	25,025	21,968	17,532	15,632	14,959	11,548	11,044	11,542	11,659	17,811
Accumulated Backlog Est. (yr end)			3,200	7,200	11,000	13,900	16,700	19,586	22,501	27,001
Asset Value										
Roofing Rehabilitation Program										
State of Good Repair Funding										
Accumulated Backlog Est. (yr end)			2,187	6,087	10,087	14,087	18,087	19,787	21,375	22,725
Asset Value										
Equipment - Various										
State of Good Repair Funding	27,938	45,456	33,260	25,213	23,998	18,919	16,574	12,594	9,797	9,875
Accumulated Backlog Est. (yr end)			6,600	13,000	19,200	24,200	28,400	30,623	32,352	34,752
Asset Value										
Bridges and Tunnels - Various										
State of Good Repair Funding	50,472	54,667	42,763	37,636	38,894	40,645	41,071	44,453	42,271	39,574
Accumulated Backlog Est. (yr end)			8,000	17,400	27,100	37,300	47,800	55,645	60,342	70,342
Asset Value										
On-Grade Paving Rehabilitation										
State of Good Repair Funding	8,802	11,348	13,354	12,802	13,500	12,800	12,798	10,200	10,962	9,863
Accumulated Backlog Est. (yr end)			2,500	5,700	9,100	12,300	15,500	17,300	18,518	21,018
Asset Value										
Other Bldgs & Structures Projects										
State of Good Repair Funding	31,786	80,313	76,741	61,696	51,270	19,621	5,056	6,904	6,543	4,028
Accumulated Backlog Est. (yr end)			15,000	31,400	44,900	50,600	52,700	53,934	54,911	56,911
Asset Value										
Other SOGR Projects										
State of Good Repair Funding	579,899	758,323	627,831	577,136	255,754	215,056	149,451	150,494	154,877	123,966
Accumulated Backlog Est. (yr end)										
Asset Value										

#### **10-Year Capital Plan: Net Operating Budget Impact**

	2016 E	Budget	2017	Plan	2018	Plan	2019	) Plan	2020	Plan	2016 -	2020	2016 -	2025
Projects	\$000s	Positions	\$000s	Positions	\$000s	Positions	\$000s	Positions	\$000s	Positions	\$000s	Positions	\$000s	Positions
Previously Approved														
Information Technology System-Infrastructure	3,229.0		2,515.0		5,025.0		4,063.0		1,584.0		16,416.0		18,109.0	
Fare Handling Equipment				(128.4)	4,000.0	(163.0)					4,000.0	(291.4)	4,000.0	(291.4)
Equipment - Various	1.0	0.6	1.0	0.8	1.0	0.1	1.1	0.8	1.1	0.2	5.2	2.5	11.1	2.9
McNicoll Bus Garage Facility		0.1						0.1	9,764.9		9,764.9	0.2	9,764.9	0.3
Communications - Various	0.5		(12,753.4)		(18,507.8)		(629.8)		(644.7)		(32,535.2)		(35,946.9)	
Replace 40' Diesel Buses or Equivalent	(162.3)	(1.4)									(162.3)	(1.4)	(162.3)	(1.4)
Fare System	574.9		(1,075.5)		6.1		(204.7)				(699.2)		(699.2)	
Leslie Barns Streetcar Maint.& Storage Facility	6,516.5	(50.0)	544.6	6.8		7.5				5.5	7,061.1	(30.2)	7,061.1	(30.2)
Other Service Planning	115.0	(2.0)	(57.0)	(1.8)	(75.0)	(2.0)	35.0		35.0		53.0	(5.8)	228.0	(5.8)
Easier Access Phase II & III		4.0	52.0	(11.0)	73.0		62.0	(2.0)	73.0		260.0	(9.0)	691.0	(9.0)
Signal Systems - Various	138.0	113.0	165.0		67.0		66.0		70.0		506.0	113.0	663.0	113.0
Fire Ventilation Upgrade	16.0						8.0			68.8	24.0	68.8	40.0	68.8
Purchase of Rail Non-Revenue Vehicle							420.0		800.0		1,220.0		1,220.0	
Total (Net)	10,428.6	64.3	(10,608.3)	(133.6)	(9,410.7)	(157.4)	3,820.6	(1.1)	11,683.3	74.5	5,913.5	(153.3)	4,979.7	(152.8)

Table 5Net Operating Impact Summary (In \$000s)

The 10-Year Capital Plan will increase future year Operating Budgets by a total of \$4.980 million net over the 2016 – 2025 period, as shown in the table above.

This is comprised of funding to sustain the following capital projects:

- Information Technology System Infrastructure (\$3.229 million) for increased systems maintenance, licensing and fees customer service.
  - The project will provide for a variety of IT projects including work to reengineer business processes and implement SAP, an Enterprise Resource Planning (ERP) system, which will integrate TTC's financial information with the City of Toronto, and upgrade and improve the CAD (Computer Aided Dispatch)/AVL (Automatic Vehicle Location) System to provide operational improvement for surface vehicles and upgrade customer service.
- Leslie Barns Streetcar Maintenance & Storage Facility (\$6,517 million) for supporting the operational requirements of the facility.

These future operating impacts will be reviewed each year as part of the annual Operating Budget process.

## Part III: Issues for Discussion

#### **Issues for Discussion**

#### **Issues Impacting the 2016 Capital Budget**

#### Capital Plan Affordability

In July 2015, the TTC submitted a requested 10-Year Capital Plan of \$9.080 billion (excluding carry forward funding of \$235.525 million) that exceeded the City established 10-year debt target by \$2.785 billion.

(In \$000s)	2016	2017	2018	2019	2020	2015-2019	2021	2022	2023	2024	2025	2015-2024
Debt	480,030	555,977	575,082	734,667	497,821	2,843,577	312,069	536,181	418,514	396,877	594,696	5,101,914
Debt Target	498,261	529,660	502,124	380,477	138,743	2,049,265	15,576		-	177	252,000	2,317,018
(Under)/Over Debt Target	(18,231)	26,317	72,958	354,190	359,078	794,312	296,493	536,181	418,514	396,700	342,696	2,784,896

- TTC and City staff re-evaluated capital requirements and examined all funding opportunities in order to reduce the Capital Plan request and debt requirements to align with the City's debt target affordability.
- The TTC's 10-Year Capital Plan of \$6.401 billion is based on the following major changes:
  - Reallocated \$2.679 billion in unfunded capital projects "below the line";
  - Increased Development Charge funding by \$66.4 million based on a review of maximum project eligibility; and
  - Maximized the Provincial gas tax by \$40.0 million (\$4 million per year), based on the 4% contribution increase from Province.

#### Below the Line:

 While the City has made significant advancements on further reducing unfunded TTC priority projects, the table below details the remaining \$2.679 billion of projects in the 2016-2025 Capital Plan submission that could not be funded within TTC's 2016-2025 Capital Plan and therefore has been placed "below the line":

Project Description	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2016-2025
Proposed Projects for Reduction:											
Purchase of 99 Low Floor 40ft Diesel Buses		2,731	17,854	18,691	23,474	12,295					75,045
Purchase of Future Wheel-Trans Buses			13,900	23,600	14,400	26,000	22,400				100,300
Bus Overhaul				23,966	36,597	32,329	48,343	49,609	33,655	36,146	260,645
Purchase of 60 Light Rail Vehicles (LRVs)	55,376			157,952	140,634	6,923					360,885
Purchase of 372 New Subway Cars			249	524	584	1,523	293,407	161,569	158,376	298,699	914,931
Purchase of 675 Low Floor 40ft Buses					64,175	42,594	65,488	72,575	73,753	120,859	439,444
Fire Ventilation Upgrade				19,964	48,930	39,704	17,750	13,693	18,104	23,653	181,798
Other Infrastructure (SOGR) Projects:											
Subway Track			6,000	13,200	6,100	6,400	6,500	6,548	7,500	6,729	58,977
Surface Track			8,500	5,600	6,500	6,400	6,400	6,486	6,800	7,500	54,186
Traction Power			3,200	4,000	3,800	2,900	2,800	2,886	2,915	4,500	27,001
Roofing Rehabilitation Program			2,187	3,900	4,000	4,000	4,000	1,700	1,588	1,350	22,725
Equipment			6,600	6,400	6,200	5,000	4,200	2,223	1,729	2,400	34,752
On-Grade Paving Rehabilitation Program			2,500	3,200	3,400	3,200	3,200	1,800	1,218	2,500	21,018
Bridges and Tunnels - Mainly Structure Rehab Program			8,000	9,400	9,700	10,200	10,500	7,845	4,697	10,000	70,342
Building and Structures			15,000	16,400	13,500	5,700	2,100	1,234	977	2,000	56,911
Total 2016-2025 Unfunded Projects	55,376	2,731	83,990	306,797	381,994	205,168	487,088	328,168	311,312	516,336	2,678,960

- In order to replace the current *T1 subway cars* in service, TTC requires funding of \$914.931 million with the majority of the funding required in the last 5 years of the 10-year period.
  - > This project is being placed below the line as this commitment is not required until 2018.
  - By 2025, the T1 subway car fleet will be reaching the end of its useful life after 30 years of revenue service.

#### 2016 Capital Budget

- To avoid excessive maintenance costs, replacement vehicles must be ordered well in advance to ensure timely arrival consistent with the retiring fleet.
- 60 additional LRVs, based on ridership growth projections, were requested at a cost of \$360.885 million from 2016-2021.
  - This request will be re-evaluated in year to determine the timing and required course of action to proceed given the difficulties in obtaining the first 60 vehicles in the existing order.
- TTC operates buses for 18 years. The TTC submission was based on incorporating mechanical rebuilds after 6 and 12 years in service, with the body structure work occurring at the bus midlife, 9 years. In addition, a hybrid overhaul program is scheduled after 12 years of bus life for all Hybrid buses which includes the replacement of major Hybrid components for these vehicles.
  - Due to affordability constraints, scheduled overhauls and a supply of Hybrid component parts (\$260.645 million) in years 2019-2025 have been placed below the line.
- The Fire Ventilation Upgrade project provides for the upgrade of the subway ventilation system and construction of second exits at subway stations to improve health and safety throughout the subway system.
  - As this is not a mandated project, \$181.798 million from 2019 to 2025 of cash flows for this project is being placed "below the line".
  - TTC staff will undertake a planning phase to re-assess the fire ventilation portion and establish an achievable project delivery plan that will recommend a project implementation strategy, budget and schedule.
- The TTC currently operates 201 Wheel-Trans Buses. The 2016-2025 Capital Plan submission included the purchase of an additional 201 new buses (\$100.3 million) from 2018-2022 to replace the current fleet.
  - > This request is being placed below the line as this commitment is not required until 2018.
  - To avoid any delays, replacement vehicles must be ordered well in advance to ensure timely arrival to ensure Wheel-Trans can continue to meet service requirements and accommodate ridership growth.
- The Purchase of 99 Buses to improve service levels, at a cost of \$75.045 million over the 10-year period, is being placed below the line due to funding constraints. The purpose of these buses is solely for improving the existing loading standards.
- Other Infrastructure (SOGR) Projects (\$345.912 million)
  - These account for ongoing SOGR needs that have been placed below the line resulting in increasing the SOGR backlog over the 10-Year Capital Plan by from \$345.912 million from 2016.
- The City will continue to seek a tri-party partnership between the Federal and Provincial governments for a dedicated, long-term, stable funding plan to address its \$2.679 billion of unfunded TTC capital projects for rolling stock, service improvement and growth needs.

#### Provincial Gas Tax Funding

- In October 2004, the Province introduced gas tax funding to municipalities for public transit. Commencing at 1¢ per litre, the funding is based on a province-wide 70% ridership and 30% population allocation, updated annually.
- The 2015/2016 Provincial Gas Tax program announced funding will be \$169.169 million; \$6.344 million higher than the prior year, with an anticipated overall increase of \$40 million over the 10-year period.

#### Capital Financing Strategy

- In order to manage the significant funding required to address SOGR funding requirements for Bridges and Tunnels, Signal Systems and Subway Car Overhaul Program, the City is continuing its reliance on the capital financing strategy introduced in 2013 to fund specific TTC capital projects.
- \$648.863 million from the Capital Financing Reserve will be required to fund TTC's 2016-2025 Capital Budget and Plan, which will be provided from the City's capital financing reserve that utilizes proceeds from:
  - > The use of surplus operating funds in accordance with the City's surplus management policy;
  - Anticipated contributions to transit and transportation from the Federal and Provincial government;
  - Municipal Land Transfer Tax (MLTT) revenue above the base estimates included in the Operating Budget;
  - Development Charge revenue increases anticipated to be generated following completion of the next Bylaw;
  - Build Toronto Dividends; and
  - > Toronto Parking Authority one-time dividends.
- It is anticipated that the capital financing strategy will continue to help fund TTC's Capital Program into futures years, as funding utilized to support the completion of capital work required for the major projects and avoid debt borrowing and associated debt servicing costs in the City's Operating Budget.

#### Additional Unfunded TTC Capital Projects Not Included Below the Line

- In addition to \$2.679 billion in unfunded capital priority projects included in the TTC 10-Year Capital Plan, TTC has identified \$5.548 billion (including post-2025 requirements of \$2.323 billion) in funding for major projects, which are not included in the 2016-2025 Capital Plan nor are they on the list of unfunded priority projects held "below the line."
- Therefore, the total TTC unmet needs will amount to \$7.242 billion in the future. The TTC believes the funding for these additional projects are vital to meet future passenger growth and system safety requirements. The major projects include:
  - a) Fire Ventilation Upgrades (\$1.493 billion);
  - b) Yonge-Bloor Capacity Improvements (\$1.084 billion);

- c) Waterfront Initiatives (\$1.059 billion)
  - West Donlands Streetcar line
  - > Purchase of 4 addition LRTs for the Bremner Blvd Streetcar line
- d) New Davisville Facility Detail Design and Construction (\$400.0 million);
- e) Station Modernization Program for the University Subway Station Renaissance (\$111.100 million); and
- f) Islington Station Improvements (\$74.267).

#### Issues Impacting the 10-Year Capital Plan

#### Toronto-York Spadina Subway Extension - Funding Adjustments

The Toronto - York Spadina Subway Extension (TYSSE) is an 8.6km extension from Downsview Station northwest through York University within the City of Toronto and north to the Vaughan Metropolitan Centre, in The Regional Municipality of York.

 This project will provide a critical extension for the existing TTC subway system across the municipal boundary between the City of Toronto and York Region.

At its meeting of March 26, 2015 the TTC Board adopted the Report entitled, *Toronto - York Spadina Subway Extension – Schedule and Budget Change*, which provided a summary of the TYSSE project from conception to the date of the report and the impact of project challenges to both the schedule and budget.

- In adopting the report, the TTC Board approved a comprehensive project reset involving a new third-party project manager that will undertake the delivery of the project for a completion by December 31, 2017 (1 year later than the original schedule) and an estimated budget increase of \$150.0 million
- The report also noted that the TTC was to report back on estimated final costs of the project, including contractor claim costs.
- The report is available through the below link:

https://www.ttc.ca/About the TTC/Commission reports and information/Commission meeting s/2015/March 26/Reports/4 1 TYSSE Final Report and Presentation.pdf

- City Council at its meeting of March 31, 2015 adopted a City staff report that accompanied the above TTC report, entitled CC5.1 *Toronto-York Spadina Subway Extension – Schedule and Budget Change*, which included authority to increase the TYSSE total project cost by \$150.0 million for the project reset.
- The report is available through the below link:

http://app.toronto.ca/tmmis/viewAgendaltemHistory.do?item=2015.CC5.1

 The table below shows the original TYSSE budget, the impacts of the March 2015 adjustment as well as additional funding changes included in the 2016 – 2025 Capital Budget and Plan:

	TYSSE - O	riginal	March 2015	TYSSE - "	Reset"	2016 Budget	TYSSE -	2016
Funding Partners (\$Millions)	Budgeted Funding	% of Funding	Project Reset Adjustment	Budgeted Funding	% of Funding	Funding Correction	Proposed Funding	% of Funding
Federal	697.0	26.5%		697.0	25.0%		697.0	25.0%
Provincial*	1,059.1	40.2%		1,059.1	38.0%	(85.0)	974.1	35.0%
York Region	351.6	13.3%	60.0	411.6	14.8%	34.0	445.6	16.0%
Toronto								
Development Charges	67.6			67.6			67.6	
Tax Increment Financing	98.8			98.8		(98.8)	0.0	
Strategic Infrastructure RF	16.1			16.1		98.8	114.9	
Capital Financing RF			90.0**	90.0			90.0	
Debt	344.0			344.0		51.0	395.0	
Sub-Total Toronto	526.5	20.0%	90.0	616.5	22.1%	51.0	667.5	24.0%
Total Project Cost	2,634.2	100.0%	150.0	2,784.2	100.0%	0.0	2,784.2	100.0%

#### **TYSSE – Project Cost and Funding Adjustments**

\*Provincial funding includes \$189.0 million in anticipated Move Ontario Trust investment income

\*\*\$90.0 million in additional City funding from the Capital Financing RF includes \$50.9 million from the TTC's 2014 Operating Surplus

- The 2016 2025 Capital Budget and Plan includes \$183.8 million in required funding corrections, resulting in no change in the TYSSE's total project cost of \$2.784 billion, as follows:
  - An \$85.0 million reduction in Provincial funding arising from the inability of the Move Ontario Trust to achieve anticipated interest earnings of 4%, which was included in the original funding plan.
  - > A \$98.8 million reduction in originally anticipated Tax Increment Financing (TIF) for the project.
    - In December 2006, the Province passed the Tax Increment Financing Act, 2006, which would have provided the municipalities with an additional funding tool for TYSSE.
    - An enabling general regulation has not been passed to date by the Province, and as such the City and York Region will not have the ability to access this source of funding.
  - An \$85 million increase in combined City of Toronto and York Region funding to offset the loss of anticipated Move Ontario Trust interest earnings.
    - The City's portion represent an increase of \$51.0 million in debt funding in TTC's Capital Plan.
  - An increase in funding of \$98.8 million from the Strategic Infrastructure Reserve Fund to offset the loss of anticipated TIF funding.
    - City staff, over recent years has held \$98.8 million in funding in the Strategic Infrastructure Reserve Fund as a contingency in the event that the Province would not pass the enabling TIF regulation.

#### Upcoming TTC Report on Final TYSSE Costs

As noted above, the March 26, 2015 TTC Board report included direction for TTC staff to report on estimated final costs of the project, including contractor claim costs, by December 2015.

- TTC staff have advised that they will be reporting to the Board early in 2016 on final project costs.
  - The 2016 2025 Capital Budget and Plan does not include any additional funding for final TYSSE project costs.

- As part of the 2016 Budget process, City staff have accumulated the need for additional capital funding capacity by including a provision that gives City the capacity for borrowing in anticipation of the final costs in the upcoming TTC report.
- Council authority will be sought to adjust the TYSSE project costs following consideration of the early 2016 TTC report.

#### Scarborough Subway Extension

- At its meeting of October 8-11, 2013, City Council adopted as amended item CC39.5 "Scarborough Rapid Transit Options: Reporting on Council Terms and Conditions." This action approved the removal of the Scarborough LRT from the Master Agreement with Metrolinx and accepted the redirection of a minimum of \$1.48 billion (in 2010 dollars) of Provincial funding to the City, for the purpose of the construction of the Scarborough Subway Extension.
- The total estimated cost for the Scarborough Subway Extension is \$3.56 billion (expressed in inflated dollars, or \$2.5 billion in 2010 dollars). Current funding commitments received for the construction of the subway extension are as follows:
  - Provincial government \$1.99 billion (expressed in inflated dollars, or \$1.48 billion in 2010 dollars);
  - Federal government \$660 million (expressed in inflated dollars);
  - As a result, the net amount that the City will be required to fund is estimated at \$910 million (inflated dollars). The City will fund its share of the project through a combination of property taxes with increases of 0.5% approved in 2014; and additional incremental increases of 0.5% in 2015 and 0.6% in 2016 (for a total increase of 1.6% by 2016), and Development Charges.
- The following table reflects the current capital project plan for the Scarborough Subway Extension identifying the timing of proposed cash flows and anticipated funding.
  - The table has been amended from 2015 based on reduced debt servicing and the timing of DC funding and 2018 Federal and Provincial contributions:

Description (\$000s)	20	14	20	15	2016	2017	2018	2019	2020	2021	2022	2023	2024 2025		Total
	Budget	Budget Actual		Budget Actual											Project Cost
TOTAL GROSS ANNUAL EXPENDITURES AND PLAN															
SCARBOROUGH SUBWAY EXTENSION															
Scarborough Subway	14,500	1,218	20,704	24,290	101,118	167,550	252,162	741,903	697,403	605,395	451,992	207,773	31,000	13,500	3,295,304
SRT Life Extension			16,500	13,302	19,000	18,000	16,000	15,000	14,000	13,000	13,000	7,500			128,802
SRT Decommissioning & Demolition														123,000	123,000
Carry Forward Funding (Scarborough Subway)			13,070	2	12,894										12,894
TOTAL GROSS ANNUAL EXPENDITURES AND PLAN	14,500	1,218	50,274	37,592	133,012	185,550	268,162	756,903	711,403	618,395	464,992	215,273	31,000	136,500	3,560,000
FINANCING															
Property Tax - Debt	2,000		15,000	2,318	99,818	146,000	2,000	82,000	79,000	68,000	48,000	8,000	-	6,000	541,136
Property Tax - CFC (Scarborough Transit RF)	12,500	1,218	35,274	35,274	33,194	29,550	24,081	21,433	16,991	13,009	8,662	7,817	-	12,635	203,864
Development Charges						10,000	20,000	20,000	20,000	20,000	20,000	20,000	4,920	30,080	165,000
Federal Funding							55,455	163,157	153,371	133,137	99,401	45,693	6,817	2,969	660,000
Provincial Funding							166,626	470,313	442,041	384,249	288,930	133,763	19,262	84,816	1,990,000
TOTAL FINANCING	14,500	1,218	50,274	37,592	133,012	185,550	268,162	756,903	711,403	618,395	464,992	215,273	31,000	136,500	3,560,000

## Appendices

#### Appendix 1 2015 Performance

#### **2015 Key Accomplishments**

In 2015, TTC made significant progress and/or accomplished the following:

On January 19, 2015, the Toronto Mayor and the TTC Chair announced a \$95 million investment that will significantly expand and enhance transit service, reduce wait times and crowding, and make using the TTC more affordable for families by eliminating fares for children 12 years and under. These new investments included:

- ✓ Adding resources to focus on subway reliability around signals, track and communications systems.
- ✓ Reduced wait times and crowding at off-peak times;
- ✓ Reduced wait times and crowding on 21 of the busiest routes during morning and afternoon rush hours;
- ✓ Proof-of-payment and all-door boarding on all streetcar routes;
  - Expansion of the Express Bus network, adding four new routes to a network that serves 34 million rides annually;
  - Expanding the Blue Night Network, adding 12 routes to the 22-route network that serves 4 million rides annually;
  - Adding up to two additional subway trains on Lines 1 and 2 during morning and afternoon rush hours;
  - Route management improvements designed to reduce short-turns, bunching and gapping of bus and streetcar routes;
- ✓ This investment also includes 50 new buses and a temporary storage facility to allow for the Express Bus network expansion, reduction of wait times and crowding on some peak-period routes, as well as the need for spare buses during maintenance.
- ✓ Install PRESTO in 10 subway stations
- ✓ The Accessibility for Ontarians with Disabilities Act (AODA):
- ✓ The TTC's External Route Announcement pilot started on August 17 and is scheduled to run until the end of 2015 on 4 articulated buses along the 11 Bayview and 7 Bathurst routes. The external announcements are designed to assist visually impaired customers with the identification of the bus routes and destinations. The bus automatically identifies itself by broadcasting its destination when the front door opens (i.e. "7 Bathurst to Steeles" or "11 Bayview to Davisville via Sunnybrook"). The AODA requires transit agencies in the province to equip their buses, by 2017, with electronic systems that externally announce route, direction, destination or next major stop information as a pre-boarding announcement to riders waiting at stops. The TTC's new accessible streetcars already provide external announcements. The Toronto Rocket subway trains are scheduled to be retrofitted with external speakers by the second quarter of 2016;
- ✓ TTC's Easier Access program will make all subway stations accessible to everyone, regardless of their level of mobility. To date, 34 stations are accessible. Work to make stations accessible is ongoing at Woodbine, St. Clair West, Ossington, Coxwell and Dupont Stations, including bus loop

#### 2016 Capital Budget

closures at Woodbine and Coxwell for the construction of elevators. Work to overhaul an elevator at Finch Station is on-going and scheduled to be completed by Q4 2015;

- Installing external announcements on vehicles to advise customers of the route and direction prior to boarding;
- ✓ Revising Wheel-Trans eligibility criteria to comply with AODA regulations;
- Ensuring that TTC implementation of the PRESTO Fare Card System is accessible for customers with disabilities, and;
- Implementing a real-time elevator and escalator monitoring system to reduce downtime resulting from unplanned outages.

On January 23, 2015, the TTC released the 2015 Customer Charter and 38 time-bound commitments that include improved service reliability, increased accessibility, cleaner stations and continued transparency in reporting and explaining delays.

The TTC received the Canadian Urban Transit Association's (CUTA) 2015 Leadership Award for Safety and Security for its innovative Court Advocate program.

PRESTO will be installed in 26 subway stations and on all legacy streetcars by the end of 2015. The design for buses is nearing completion with plans to commence technical field trials testing in December 2015.

As of November 10, 2015, of the 204 LRVs, 11 streetcars have been accepted into service along the 510 Spadina and 509 Harbourfront routes. Both the 510 Spadina and the 509 Harbourfront routes are Proof-of-Payment, allowing customers with a transfer or valid TTC pass to board at any door.

Leslie Street between Queen and Commissioners streets was re-opened to all traffic on August 8, 2015. The Leslie Street connecting track is complete. On November 22nd, the TTC's new low-floor streetcars began operating out of Leslie Barns, the TTC's new streetcar facility at the corner of Leslie Street and Lake Shore Blvd. East. The Barns is still under construction and won't be fully occupied by the TTC until early next year.

The Wilson Yard construction of the carhouse north expansion, new substation building, track additions and signal system work is ongoing. The contract for Keele Yard was awarded on September 29, 2015 and site work is forecast to commence by the end of 2015.

As of November 16, 2015, 69 Toronto Rocket (TR) trainsets were accepted into revenue service (414 of 420 cars). These trains will replace the TTC's oldest subway cars most of which date back to the 1970s and will allow the TTC to meet future ridership demands once the Spadina Subway Extension opens for revenue service. The Toronto Rockets and the re-signalling of the Yonge-University-Spadina Subway, when completed, will ultimately allow the TTC to improve subway train headways (time between trains) by up to 90 seconds, as well as carry more people as the new TRs provide increased capacity of 8%.

Continued progress on YUS ATC Resignalling project. All TR trains on property are ATO equipped and progressing through the ATC integrated dynamic tests at the specially built test track of the Wilson Yard.

Received the Canadian Project of the Year Award for the Toronto York Spadina Subway Extension's Twin Tunnels Projects. The infrastructure project demonstrates the highest level of engineering skill, insight and understanding of underground construction.

#### **2015 Financial Performance**

2015 Approved	As of Sept	. 30, 2015	Projected Actu	als at Year End	Unspent Balance				
\$	\$	% Spent	\$	% Spent	\$ Unspent	% Unspent			
1,220,863,866	452,884,426	37.1%	1,033,315,800	84.6%	187,548,066	15.4%			

Table 9 2015 Budget Variance Analysis (In \$000's)

\* Based on 2015 Third Quarter Capital Variance Report

#### 2015 Experience

At its meeting on December 9, 2015, Council approved the 2015 Capital Variance Report for the nine months ended September 30, 2015. Please refer to the attached link for the staff report regarding the details of variance explanations and year-end projections for TTC:

(http://www.toronto.ca/legdocs/mmis/2015/bu/bgrd/backgroundfile-85376.pdf)

#### Impact of the 2015 Capital Variance on the 2016 Budget

- Carry forward funding is estimated at \$235.525 million. However, given the rate of spending, this figure will be further refined by the end of 2015. A detailed review of the 2016 2025 Capital Budget and Plan was undertaken and necessary adjustments were made to the timing of cash flow funding for unique and major capital projects such as Purchase of Streetcars, Surface Track and Communications which are the major contributors to annual under expenditures.
- By deferring the cash flow funding to future years, the 2016 Capital Budget reflects readiness to
  proceed and will lead to a higher rate of spending.

#### Appendix 2

Table 10
2016 Capital Budget; 2017 to 2025 Capital Plan (\$000s)

Project	Total Project Cost	Prior Year Carry Forward	2016	2017	2018	2019	2020	2016 - 2020	2021	2022	2023	2024	2025	2016 - 2025 Total
Health & Safety:														
Legislated:														
Communications - Various		1,777	1,827	2,253	729			6,586						6,586
Yards and Roads - Various		_,	4,110	7,000	10,765	11,324	11,445	44,644						44,644
Bus Heavy Rebuild Program - Overhaul		1,111	5,630	335	350			7,426						7,426
Easier Access Phase II & III		561	34,439	52,044	54,904	55,482	41,417	238,847	50,848	46,739	42,041	27,916	22,564	428,955
Environmental Programs			10,337	11,773	15,620	8,448	8,488	54,666	13,496	6,240	5,676	5,790	5,934	91,802
Equipment - Various			3,690	3,048	2,200	448	606	9,992	967					10,959
Other Bldgs & Structures Projects			2,198 200	1,811 200	3,566 200	3,562 200	2,558 200	13,695 1,000	2,344 200	2,600 200	2,617 200	2,598 200	2,831	26,685 1,800
Other Service Planning Streetcar Overhaul Program		410	200	410	410	410	410	2,050	410	410	410	6,073		9,353
Sub-Total		3,859	62,431	78,874	88,744	79,874	65,124	378,906	68,265	56,189	50,944	42,577	31,329	628,210
		0,000	02,102	,				,	,			,	/	
State of Good Repair:														ļļ
Communications - Various		11,132	9,405	18,836	15,486	14,588	8,255	77,702	6,947	6,703	6,507	6,561	8,246	112,666
ATC Resignalling Automotive Non-Revenue Vehicles		53,124	4,706 9,328	83,641 3,465	90,434 2,472	86,218 2,382	60,781 3,377	378,904 21,024	51,438 5,877	38,923 4,074	43,338 5,123	48,999 2,064	40,506 1,984	602,108 40,146
Bridges and Tunnels - Various			50,472	54,667	42,763	37,636	38,894	224,432	40,645	41,074	44,453	42,271	39,574	432,446
Bus Heavy Rebuild Program - Overhaul		1,663	67,566	65,262	42,055	9,903	5,804	192,253	857	41,071	++,+55	42,271	33,374	193,110
Equipment - Various	1	_,005	27,938	45,456	33,260	25,213	23,998	155,865	18,919	16,574	12,594	9,797	9,875	223,624
Fare Handling Equipment	1	1,898	33,977	7,675	75	75	250	43,950	250	250	250	300	300	45,300
Fare System		295		571	577	483		1,926						1,926
Finishes - Various			14,625	19,514	14,714	17,438	17,462	83,753	17,025	17,454	9,200	7,253	6,302	140,987
Fire Ventilation Upgrade		200	23,487	22,947	40,659	27,011		114,304						114,304
Furniture & Office Equipment			209	486	355	272	683	2,005	425	237	492	235	483	3,877
Information Technology System-Infrastructure		5,588	83,342	88,283	52,687	31,967	48,434	310,301	17,998	15,597	15,288	10,798	8,689	378,671
Leslie Barns Streetcar Maint.& Storage Facility		7,579	26,225	27,119	2,200			63,123						63,123
On-Grade Paving Rehabilitation			8,802	11,348	13,354	12,802	13,500	59,806	12,800	12,798	10,200	10,962	9,863	116,429
Other Bldgs & Structures Projects		4,567	31,786 3,033	80,313 1,276	76,741	61,696 1,151	51,270 1,153	301,806 12,405	19,621 1,154	5,056 1,213	6,904 1,158	6,543 1,160	4,028 1,861	343,958 18,951
Other Maintenance Equipment Other Service Planning		4,507	750	1,270	1,225	1,151	1,155	750	1,154	1,215	1,156	1,100	1,001	750
Power Dist./Electric Systems - Various			7,514	9,792	10,732	8,335	5,576	41,949	5,496	5,329	5,449	5,674	7,196	71,093
Purchase of Legacy LRVs		112,077	62,794	165,928	157,136	160,249	5,570	658,184	5,150	5,525	3,113	5,074	7,150	658,184
Purchase of Rail Non-Revenue Vehicle		2,405	9,378	8,673	1,796	6,635	2,350	31,237						31,237
Queensway Bus Garage Renovations			495					495						495
Rail Non-Revenue Vehicle Overhaul		464	1,055	2,050	2,075	1,765	1,783	9,192	1,669	1,685	1,703	1,718	1,153	17,120
Replace 40' Diesel Buses or Equivalent		107	64,401	73,400	60,600	69,472	4,449	272,429	42,270	40,012	37,425	41,747		433,883
Signal Systems - Various		9,360	8,484	23,224	22,794	14,120	3,703	81,685	1,459	1,608	1,257	1,296	1,331	88,636
Streetcar Overhaul Program		1,780	7,992	8,614			633	19,019	905	278	3,831	7,236	18,618	49,887
Subway Car Overhaul Program			68,157	48,042	19,002	18,120	17,885	171,206	15,297	13,232	17,059	17,373	24,415	258,582
Subway Car Purchases			24,236	9,122	4,076	52.400	24.524	37,434	25.044	25 506	26.400	20 702	27,698	37,434
Subway Track Surface Track		8,750	26,978 22,177	42,608 61,717	24,149 33,897	53,199 22,408	24,534 25,635	171,468 174,584	25,044 26,007	25,596 25,238	26,190 25,944	29,793 26,723	30,056	305,789 308,552
Tools and Shop Equipment		292	10,296	4,275	5,067	2,408	3,016	25,354	2,321	2,570	2,119	2,160	2,573	308,532
Toronto Rocket Yard & Storage Track Accommodation		252	38,204	65,391	81,357	104,280	69,889	359,121	43,390	2,570	2,115	2,100	2,575	402,511
Traction Power - Various			25,025	21,968	17,532	15,632	14,959	95,116	11,548	11,044	11,542	11,659	17,811	158,720
Transit Shelters & Loops		58	240	250	257	264	271	1,340	278	286	295	303	309	2,811
Wilson Complex - Modifications for the Toronto Roc		103		487				590						590
Sub-Total		221,442	773,077	1,076,400	869,527	805,722	448,544	4,194,712	369,640	286,828	288,321	292,625	262,871	5,694,997
Service Improvements:														
Finishes - Various			55	159				214						214
Other Bldgs & Structures Projects		279	7,724	12,568	1,340	496	559	22,966	720	720	560	500	1,000	26,466
Other Service Planning		1,250	5,320	5,835	5,636	5,035	2,635	25,711	2,035	2,035	2,035	2,035	2,035	35,886
Power Dist./Electric Systems - Various			201	201	210	210	220	1,042	220	230	230	240	240	2,202
Purchase of Rail Non-Revenue Vehicle	I	50	20	6,648	13,026	6,256		26,000						26,000
Replace 40' Diesel Buses or Equivalent			14,072					14,072						14,072
Communications - Various	1	269	4 606					269						269
Subway Track		1 000	1,690	322	59			2,071						2,071
Surface Track Sub-Total	<u> </u>	1,000 2,848	1,007 30,089	25,733	20,271	11,997	3,414	2,007 94,352	2,975	2,985	2,825	2,775	3,275	2,007 109,187
		2,848	30,089	23,733	20,271	11,557	3,414	34,332	2,975	2,985	2,823	2,775	3,275	105,187
Growth Related:														
Yards and Roads - Various				1,033				1,033						1,033
Fare Handling Equipment		800	260					1,060						1,060
Fare System	1	2,870	9,830	6,984	2,159			21,843						21,843
	1	3,706	.,	0,001	_,			3,706				1		3,706
Sheppard Subway	1	3,700	_		_									
McNicoll Bus Garage Facility	1		2,308	20,500	50,000	50,000	51,950	174,758						174,758
Other Bldgs & Structures Projects	I		1,480	987				2,467						2,467
Sub-Total		7,376	13,878	29,504	52,159	50,000	51,950	204,867						204,867
Total		235,525	879,475	1,210,511	1,030,701	947,593	569,032	4,872,837	440,880	346,002	342,090	337,977	297,475	6,637,261

#### Appendix 3

2016 Capital Budget; 2017 to 2025 Rec'd Capital Plan

#### **CITY OF TORONTO**

Gross Expenditures (\$000's) Appendix 3: 2016 Council Approved Capital Budget; 2017 to 2025 Capital Plan

#### **Toronto Transit Commission**

Image: space with the state with the s																									
Sub:         Decision Main         Decision Main <th></th> <th></th> <th></th> <th></th> <th>[</th> <th colspan="7">Current and Future Year Cash Flow Commitments</th> <th></th> <th colspan="12">Current and Future Year Cash Flow Commitments Financed By</th>					[	Current and Future Year Cash Flow Commitments								Current and Future Year Cash Flow Commitments Financed By											
Image: Transmission of the strate state strate st			Ward	Stat.	Cat.	2016	2017	2018	2019	2020				Grants and	Federal [ Subsidy	Development Charges	Res Reserves Fu	erve f	from	Other 1	Other2	Recov		Total Financing	
0       8       Subsy Frack important       0	TTC000110	Subway Track					,																		
0       0	1 1	Subway Track - SOGR	CW	S2	03	26,978	15,984	0	0	0	42,962	0	42,962	0	8,358	0	0	0	0	C	) 0	34,604	0	42,962	
1       2       3ewy Track - SOR       1       1       1       3ewy Track - SOR       1       1       1       1       3ewy Track - SOR       1       1       1       3ewy Track - SOR       1       1       1       3ewy Track - SOR       1       1       1       3ewy Track - SOR       1       1       1       3ewy Track - SOR       1       1       3ewy Track - S	0 5	Subway Track Improvement	CW	S2	04	1,097	0	0	0	0	1,097	0	1,097	0	0	0	0	0	0	C	) 0	1,097	0	1,097	
Shehal         Shehal<	06	Subway Track Improvement	CW	S3	04	593	322	59	0	0	974	0	974	0	0	0	0	0	0	C	) 0	974	0	974	
Number line	17	Subway Track - SOGR	CW	S5	03	0	26,624	24,149	53,199	24,534	128,506	134,321	262,827	21,506	127,489	0	88,190	0	0	C	) 0	25,642	0	262,827	
I       Autrace Task-SOGR       CV       SZ       G		Sub-total				28,668	42,930	24,208	53,199	24,534	173,539	134,321	307,860	21,506	135,847	0	88,190	0	0	C	) 0	62,317	0	307,860	
1       3       Surface Track Improvement       CW       52       04       2.007       0       0.0 </td <td>TTC000120</td> <td>Surface Track</td> <td></td> <td></td> <td>Ī</td> <td></td>	TTC000120	Surface Track			Ī																				
1         7         Suface Tack: SQGR         6	1 1	Surface Track - SOGR	CW	S2	03	30,927	26,658	0	0	0	57,585	0	57,585	0	0	0	0	0	0	С	) 0	57,585	0	57,585	
Image: space	03	Surface Track Improvement	CW	S2	04	2,007	0	0	0	0	2,007	0	2,007	0	0	0	0	0	0	С	) 0	2,007	0	2,007	
Image: Control Power - Variable         Tradition Power	17	Surface Track - SOGR	CW	S5	03	0	35,059	33,897	22,408	25,635	116,999	133,968	250,967	20,534	123,768	0	20,572	0	0	C	) 0	86,093	0	250,967	
I       I       Traction Power - SOGR       CW       S2       0.0       2.5.00       5.2.00       0.		Sub-total				32,934	61,717	33,897	22,408	25,635	176,591	133,968	310,559	20,534	123,768	0	20,572	0	0	C	) 0	145,685	0	310,559	
1         6         Tacken Power-SOGR         CP         8         6	TTC000210	Traction Power - Various			ĺ																				
Sub-total       Constrained with the second withe second with the second with the second with the seco	1 1	Traction Power - SOGR	CW	S2	03	25,025	5,290	0	0	0	30,315	0	30,315	0	0	0	21,320	0	0	C	) 0	8,995	0	30,315	
ITCO         Power Disk_Electric Systems - Various         Image: Constraint of the systemsystems - Various         Image: Constraint of	16	Traction Power - SOGR	CW	S5	03	0	16,678	17,532	15,632	14,959	64,801	63,604	128,405	53,072	43,207	0	14,104	0	0	C	) 0	18,022	0	128,405	
I       Power Dist/Electric Systems - SOGR       CW       S2       03       7,514       9,792       1,453       0       18,759       18,759       16,327       0       0       0       0       0       2,432         0       3       Power Dist/Electric Systems - Improvement       CW       S2       04       201       0       0       201       0       201       0		Sub-total				25,025	21,968	17,532	15,632	14,959	95,116	63,604	158,720	53,072	43,207	0	35,424	0	0	C	) 0	27,017	0	158,720	
0 $0$	TTC000220	Power Dist./Electric Systems - Various																							
1       5       Power Dist/Electric Systems - SOGR       CW       5       0       0       9,279       8,335       5,576       23,190       29,144       52,334       48,293       0	1 1	Power Dist./Electric Systems - SOGR	CW	S2	03	7,514	9,792	1,453	0	0	18,759	0	18,759	16,327	0	0	0	0	0	C	) 0	2,432	0	18,759	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	03	Power Dist/Electric Systems - Improvement	CW	S2	04	201	0	0	0	0	201	0	201	0	0	0	0	0	201	C	) 0	0	0	201	
Sub-total       Image: Constraint of the con	15	Power Dist./Electric Systems - SOGR	CW	S5	03	0	0	9,279	8,335	5,576	23,190	29,144	52,334	48,293	0	0	0	0	0	C	) 0	4,041	0	52,334	
The communications - Various       Image: communication - Variou	06	Power Dist./Electric Systems - Improvement	CW	S5	04	0	201	210	210	220	841	1,160	2,001	240	0	0	0	0	0	C	) 0	1,761	0	2,001	
1       1       Communications - SOGR       CW       S2       03       23,889       20,192       16,641       16,787       5,748       83,257       43,089       0 </td <td></td> <td>Sub-total</td> <td></td> <td></td> <td></td> <td>7,715</td> <td>9,993</td> <td>10,942</td> <td>8,545</td> <td>5,796</td> <td>42,991</td> <td>30,304</td> <td>73,295</td> <td>64,860</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>201</td> <td>C</td> <td>) 0</td> <td>8,234</td> <td>0</td> <td>73,295</td>		Sub-total				7,715	9,993	10,942	8,545	5,796	42,991	30,304	73,295	64,860	0	0	0	0	201	C	) 0	8,234	0	73,295	
1       3       Communications - Legislated       CW       S2       02       3,604       2,253       729       0       6,586       0       6,586       0	TTC000230	Communications - Various																							
0 5 Communication -Improvement CW S2 04 269 0 0 0 0 0 269 0 269 0 0 0 0 0 0 0 0 0 0 269	1 1	Communications - SOGR	CW	S2	03	23,889	20,192	16,641	16,787	5,748	83,257	0	83,257	43,089	0	0	0	0	0	C	) 0	40,168	0	83,257	
	1 3	Communications - Legislated	CW	S2	02	3,604	2,253	729	0	0	6,586	0	6,586	0	0	0	0	0	0	C	) 0	6,586	0	6,586	
1 10 Communications - SOGR CW S6 03 0 0 0 0 2,507 2,507 34,964 37,471 33,403 0 0 0 0 0 0 4,068	05	Communication -Improvement	CW	S2	04	269	0	0	0	0	269	0	269	0	0	0	0	0	0	C	) 0	269	0	269	
	1 10	Communications - SOGR	CW	S6	03	0	0	0	0	2,507	2,507	34,964	37,471	33,403	0	0	0	0	0	C	) 0	4,068	0	37,47	

#### Gross Expenditures (\$000's) Appendix 3: 2016 Council Approved Capital Budget; 2017 to 2025 Capital Plan

						Curr	ent and F	uture Year	Cash Flo	w Commitn	nents			Cu	rent and F	uture Year	Cash Flo	ow Comn	nitments	Finance	d By		
	oject No. <u>Project Name</u> ıbProj No. Sub-project Name	Ward	d Stat	. Cat.	2016	2017	2018	2019	2020	Total 2016-2020	Total 2021-2025	Total 2016-2025	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2		bt - /erable	Total Financing
TTC000230																							
1 11	Communications - SOGR	CM	V S3	03	-3,352	-1,356	-1,155	-2,199	0	-8,062	0	-8,062	0	0	0	0	0	(	0	0	0 -8,062	0	-8,062
	Sub-total				24,410	21,089	16,215	14,588	8,255	84,557	34,964	119,521	76,492	0	0	0	0		0	0	0 43,029	0	119,521
TTC000240	<u>Signal Systems - Various</u>																						
1 1	Signal Systems - SOGR	CM	V S2	03	13,031	23,224	22,794	14,065	0	73,114	0	73,114	0	0	0	43,060	0	(	0	0	0 30,054	0	73,114
14	Signal Systems - SOGR	CW	V S5	03	4,813	0	0	55	3,703	8,571	6,951	15,522	5,492	0	0	7,400	0	(	0	0	0 2,630	0	15,522
	Sub-total				17,844	23,224	22,794	14,120	3,703	81,685	6,951	88,636	5,492	0	0	50,460	0	(	0	0	0 32,684	0	88,636
TTC000310	<u>Finishes - Various</u>																						
1 1	Finishes - SOGR	CW	V S2	03	6,292	19,514	14,714	4,860	0	45,380	0	45,380	3,021	0	0	0	0		0	0	0 42,359	0	45,380
03	Finishes - Improvement	CW	V S2	04	55	159	0	0	0	214	0	214	0	0	0	0	0	(	0	0	0 214	0	214
15	Finishes - SOGR	CW	V S5	03	8,333	0	0	12,578	17,462	38,373	57,234	95,607	15,261	56,349	0	0	0	(	0	0	0 23,997	0	95,607
	Sub-total				14,680	19,673	14,714	17,438	17,462	83,967	57,234	141,201	18,282	56,349	0	0	0	(	0	0	0 66,570	0	141,201
TTC000320	<u>Equipment - Various</u>																						
1 1	Equipment - SOGR	CW	V S2	03	27,938	39,338	28,032	25,213	16,034	136,555	6,600	143,155	0	18,922	0	61,501	0	(	0	0	0 62,732	0	143,155
1 3	Equipment - Legislated	CW	V S2	02	3,330	2,646	2,200	448	606	9,230	967	10,197	0	967	0	0	0	(	0	0	0 9,230	0	10,197
26	Equipment - Legislated	CW	V S3	02	360	402	0	0	0	762	0	762	0	0	0	0	0	(	0	0	0 762	0	762
18	Equipment -SOGRS	CW	V S5	03	0	6,118	5,228	0	7,964	19,310	61,159	80,469	21,523	34,438	0	587	0	(	0	0	0 23,921	0	80,469
	Sub-total				31,628	48,504	35,460	25,661	24,604	165,857	68,726	234,583	21,523	54,327	0	62,088	0	(	0	0	0 96,645	0	234,583
TTC000330	Yards and Roads - Various																						
1 1	Yards and Roads - Legislated	CM	V S2	02	4,110	7,000	10,765	11,324	11,445	44,644	0	44,644	4,000	0	0	19,665	0	(	0	0	0 20,979	0	44,644
0 4	Yards and Roads Expansion	CW	V S2	05	0	982	0	0	0	982	0	982	0	0	0	977	0	(	0	0	0 5	0	982
0 7	Yards and Roads - Expansion	CW	V S3	05	0	51	0	0	0	51	0	51	0	0	0	51	0	(	0	0	0 0	0	51
	Sub-total				4,110	8,033	10,765	11,324	11,445	45,677	0	45,677	4,000	0	0	20,693	0	(	0	0	0 20,984	0	45,677
TTC000333	<u>On-Grade Paving Rehabilitation</u>					<u> </u>																	
1 1	On-Grade Paving Rehabilitation - SOG	R CW	V S2	03	8,802	11,348	13,354	1,794	0	35,298	0	35,298	12,000	0	0	0	0	(	0	0	0 23,298	0	35,298
																						1	

#### Gross Expenditures (\$000's) Appendix 3: 2016 Council Approved Capital Budget; 2017 to 2025 Capital Plan

|   |   |   |  
   |   
   | Curre  | ent and Fu  | ture Year   | Cash Flo  | w Commitn  | nents  |  |   | Cur   
   | rent and Fu   
  | ture Year  | Cash Flov  | v Commit   | ments F   | inanced   
   | I By  |   |   |
|---|---|---
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---|--
---|---|---|--|--|--|---|---
--
--|--|--|--|---
---|---|---|---|
|   | Ward  | Stat.   | Cat.   
   | 2016  
   | 2017   | 2018  | 2019  | 2020  | Total<br>2016-2020   | Total<br>2021-2025   | Total<br>2016-2025   | Provincial<br>Grants and<br>Subsidies   | Federal I<br>Subsidy  
   | Development<br>Charges  
  | Reserves   | Reserve<br>Funds   | from   | Other 1   | Other2  
   | Recov   |   | Total<br>Financing  |
| On-Grade Paving Rehabilitation                    |   |   |  
   |   
   |  |   |   |   |  |  |  |   |   
   |   
  |  |  |  |   |   
   |   |   |   |
| On-Grade Paving Rehabilitation - SOGR             | CW  | S6  | 03   
   | 0   
   | 0  | 0   | 11,008  | 13,500  | 24,508   | 56,623   | 81,131   | 41,165  | 20,000  
   | 0   
  | 0  | 0  | 0  | 0   | C   
   | 19,966  | 0                                       | 81,131  |
| Sub-total   |   |   |  
   | 8,802   
   | 11,348   | 13,354  | 12,802  | 13,500  | 59,806   | 56,623   | 116,429  | 53,165  | 20,000  
   | 0   
  | 0  | 0  | 0  | 0   | (   
   | 43,264  | 0                                       | 116,429   |
| Bridges and Tunnels - Various                     |   |   |  
   |   
   |  |   |   |   |  |  |  |   |   
   |   
  |  |  |  |   |   
   |   |   |   |
| Bridges and Tunnels - SOGR                        | CW  | S2  | 03   
   | 50,472  
   | 37,304   | 0   | 0   | 0   | 87,776   | 0  | 87,776   | 0   | 0   
   | 0   
  | 58,047   | 0  | 0  | 0   | C   
   | 29,729  | 0                                       | 87,776  |
| Bridges and Tunnels - SOGR                        | CW  | S5  | 03   
   | 0   
   | 17,363   | 42,763  | 37,636  | 38,894  | 136,656  | 208,014  | 344,670  | 31,776  | 203,086   
   | 0   
  | 52,038   | 0  | 0  | 0   | C   
   | 57,770  | 0                                       | 344,670   |
| Sub-total   |   |   |  
   | 50,472  
   | 54,667   | 42,763  | 37,636  | 38,894  | 224,432  | 208,014  | 432,446  | 31,776  | 203,086   
   | 0   
  | 110,085  | 0  | 0  | 0   | (   
   | 87,499  | 0                                       | 432,446   |
| Queensway Bus Garage Renovations                  |   |   |  
   |   
   |  |   |   |   |  |  |  |   |   
   |   
  |  |  |  |   |   
   |   |   |   |
| Queensway Bus Garage Renovations -<br>SOGR        | CW  | S2  | 03   
   | 495   
   | 0  | 0   | 0   | 0   | 495  | 0  | 495  | 0   | 0   
   | 0   
  | 0  | 0  | 495  | 0   | C   
   | 0   | 0                                       | 495   |
| Sub-total   |   |   |  
   | 495   
   | 0  | 0   | 0   | 0   | 495  | 0  | 495  | 0   | 0   
   | 0   
  | 0  | 0  | 495  | 0   | (   
   | ) 0   | 0                                       | 495   |
| Fire Ventilation Upgrade                          |   |   |  
   |   
   |  |   |   |   |  |  |  |   |   
   |   
  |  |  |  |   |   
   |   |   |   |
| Fire Ventilation Upgrade - SOGR                   | CW  | S2  | 03   
   | 23,687  
   | 22,947   | 40,659  | 37,499  | 0   | 124,792  | 0  | 124,792  | 15,636  | 0   
   | 0   
  | 11,413   | 0  | 0  | 0   | C   
   | 97,743  | 0                                       | 124,792   |
| Fire Ventilation Upgrade                          | CW  | <b>S</b> 3  | 03   
   | 0   
   | 0  | 0   | -10,488   | 0   | -10,488  | 0  | -10,488  | 0   | 0   
   | 0   
  | 0  | 0  | 0  | 0   | C   
   | -10,488   | 0                                       | -10,488   |
| Sub-total   |   |   |  
   | 23,687  
   | 22,947   | 40,659  | 27,011  | 0   | 114,304  | 0  | 114,304  | 15,636  | 0   
   | 0   
  | 11,413   | 0  | 0  | 0   | (   
   | 87,255  | 0                                       | 114,304   |
| Easier Access Phase II & III                      |   |   |  
   |   
   |  |   |   |   |  |  |  |   |   
   |   
  |  |  |  |   |   
   |   |   |   |
| Easier Access Phase III - Legislated              | CW  | S2  | 02   
   | 35,000  
   | 52,044   | 54,904  | 55,482  | 41,417  | 238,847  | 2,891  | 241,738  | 0   | 22,238  
   | 0   
  | 0  | 0  | 0  | 0   | C   
   | 219,500   | 0                                       | 241,738   |
| Easier Access Phase III - Legislated              | CW  | S3  | 02   
   | 0   
   | 0  | 0   | 0   | 0   | 0  | 187,217  | 187,217  | 66,163  | 109,062   
   | 0   
  | 0  | 0  | 0  | 0   | C   
   | 11,992  | 0                                       | 187,217   |
| Sub-total   |   |   |  
   | 35,000  
   | 52,044   | 54,904  | 55,482  | 41,417  | 238,847  | 190,108  | 428,955  | 66,163  | 131,300   
   | 0   
  | 0  | 0  | 0  | 0   | (   
   | 231,492   | 0                                       | 428,955   |
| Other Bldgs & Structures Projects                 |   |   |  
   |   
   |  |   |   |   |  |  |  |   |   
   |   
  |  |  |  |   |   
   |   |   |   |
| Other Buildings & Structures Projects -<br>SOGRS  | CW  | S2  | 03   
   | 31,786  
   | 68,067   | 67,093  | 61,696  | 51,270  | 279,912  | 15,334   | 295,246  | 57,946  | 38,509  
   | 0   
  | 47,086   | 0  | 0  | 0   | C   
   | 151,705   | 0                                       | 295,246   |
| Other bldgs & structures projects -<br>Expansion  | CW  | S2  | 05   
   | 1,467   
   | 0  | 0   | 0   | 0   | 1,467  | 0  | 1,467  | 0   | 0   
   | 0   
  | 0  | 0  | 0  | 0   | C   
   | 1,467   | 0                                       | 1,467   |
| Other Buildings and Structures - Legislated       | d CW  | S2  | 02   
   | 1,624   
   | 1,811  | 2,831   | 2,897   | 1,879   | 11,042   | 12,990   | 24,032   | 5,431   | 1,407   
   | 0   
  | 0  | 0  | 0  | 0   | C   
   | 17,194  | 0                                       | 24,032  |
| Other Buildings & Structures - Improvement        | nt CW   | S6  | 04   
   | 0   
   | 0  | 0   | 0   | 0   | 0  | 1,341  | 1,341  | 1,000   | 0   
   | 0   
  | 0  | 0  | 0  | 0   | C   
   | 341   | 0                                       | 1,341   |
| Other Building & Structures - Expansion Scope Cha | CW  | S3  | 05   
   | 13  
   | 987  | 0   | 0   | 0   | 1,000  | 0  | 1,000  | 0   | 0   
   | 0   
  | 0  | 0  | 0  | 0   | C   
   | 1,000   | 0                                       | 1,000   |
| Other Bldgs-Structures - SOGR                     | CW  | S5  | 03   
   | 0   
   | 12,246   | 9,648   | 0   | 0   | 21,894   | 26,818   | 48,712   | 10,424  | 10,991  
   | 0   
  | 2,950  | 0  | 0  | 0   | C   
   | 24,347  | 0                                       | 48,712  |
| Other Bldgs_Structure Projects-Legislated         | CW  | S3  | 02   
   | 574   
   | 0  | 735   | 665   | 679   | 2,653  | 0  | 2,653  | 0   | 0   
   | 0   
  | 0  | 0  | 0  | 0   | C   
   | 2,653   | 0                                       | 2,653   |
|   | bbProj No.       Sub-project Name         Image: Sub-Grade Paving Rehabilitation       On-Grade Paving Rehabilitation         On-Grade Paving Rehabilitation       SUB-total         Image: Sub-total       Bridges and Tunnels - Various         Bridges and Tunnels - SOGR       Bridges and Tunnels - SOGR         Bridges and Tunnels - SOGR       Sub-total         Image: Operation of the state of the sta | bProj No.       Sub-project Name       Ward         §       On-Grade Paving Rehabilitation       On-Grade Paving Rehabilitation         On-Grade Paving Rehabilitation       SUB-total       CW         Sub-total       Sub-total       Sub-total         Pridges and Tunnels - Various       Bridges and Tunnels - SOGR       CW         Bridges and Tunnels - SOGR       CW         Sub-total       Cueensway Bus Garage Renovations       CW         Queensway Bus Garage Renovations - SOGR       CW         Sub-total       CW       Sub-total         Prire Ventilation Upgrade       CW       Sub-total         Prire Ventilation Upgrade       CW       Sub-total         Sub-total       CW       Sub-total         Easier Access Phase III - Legislated       CW         Sub-total       CW       Sub-total         Cher Buildings & Structures Projects - SOGR       CW         SOGRS       Other Buildings & Structures Projects - CW       CW         Other Buildings and Structures - Legislated       CW       CW         Other Buildings & Structures - Improvement       CW       CW         Other Buildings & Structures - Expansion       CW       CW         Other Buildings & Structures - SOGR       CW | bProj No.       Sub-project Name       Ward Stat.         a       On-Grade Paving Rehabilitation       ON-Grade Paving Rehabilitation       S06         Sub-total       Sub-total       S07       S08         a       Bridges and Tunnels - Various       Bridges and Tunnels - SOGR       CW       S2         Bridges and Tunnels - SOGR       CW       S5       Sub-total       S2         a       Queensway Bus Garage Renovations       CW       S2         Sub-total       Sub-total       S2         Gueensway Bus Garage Renovations - SOGR       CW       S2         SOGR       Sub-total       S2         Fire Ventilation Upgrade       CW       S2         Fire Ventilation Upgrade - SOGR       CW       S2         Sub-total       S2       Sub-total       S2         Sub-total       S2       S2       S2         Fire Ventilation Upgrade - SOGR       CW       S2         Sub-total       S2       S3       S2         Sub-total       S2       S2       S2         Gener Access Phase III - Legislated       CW       S2         Sub-total       S3       S2       S2         Other Buildings & Structures Projects - SOGR <td< td=""><td>Job Proj No.       Sub-project Name       Ward Stat. Cat.         2       On-Grade Paving Rehabilitation       On         2       On-Grade Paving Rehabilitation - SOGR       CW       S6       03         2       Bridges and Tunnels - Various       Bridges and Tunnels - SOGR       CW       S2       03         2       Bridges and Tunnels - SOGR       CW       S2       03         3       Sub-total       CW       S2       03         4       Fire Ventilation Upgrade       CW       S2       03         5       Sub-total       CW       S3       03         4       Easier Access Phase II &amp; III       Easier Access Phase III - Legislated       CW       S2       02         6       Gater Access Phase III - Legislated       CW       S2       03         7       Other Buildings &amp; Structures Projects - SOGR       CW       S2       03         8       Easier Access Phase III - Legislated<td>bibProj No.       Sub-project Name       Ward Stat. Cat.       2016         2       On-Grade Paving Rehabilitation       0         Sub-total       8.602         2       Bridges and Tunnels - Various       8.602         3       Bridges and Tunnels - Various       50,472         4       Bridges and Tunnels - SOGR       CW       S2       03         5       0.0       Sub-total       50,472         8       Bridges and Tunnels - SOGR       CW       S5       03       0         Sub-total       50,472       50,472       50,472         1       Queensway Bus Garage Renovations       20,03       495         SOR       Sub-total       495       495         20       Gueensway Bus Garage Renovations - SOGR       CW       S2       03       0         2       Fire Ventilation Upgrade       CW       S3       03       0         3       Easier Access Phase III - Legislated       CW       S2       02       35,000         3       Sub-total       35,000       35,000       35,000       35,000       35,000       35,000       35,000       35,000       35,000       35,000       35,000       35,000       35,000       &lt;</td><td>Diect No.         Project Name<br/>bProj No.         Ward Stat.         Cat.         2016         2017           a         On-Grade Paving Rehabilitation<br/>On-Grade Paving Rehabilitation         CW         S6         03         0         0           Sub-total         8.802         11.348         8.802         11.348           a         Bridges and Tunnels - Various         8.802         30         0         17.363           Bridges and Tunnels - SOGR         CW         S2         03         50.472         54.667           Cueensway Bus Garage Renovations         CW         S2         03         495         0           Sub-total         50.472         54.667         495         0         0           Cueensway Bus Garage Renovations -<br/>SOGR         CW         S2         03         495         0           Sub-total         23.687         22.947         495         0         0         0           Sub-total         23.687         23.687         23.687         23.687         23.687         23.687           Easier Access Phase II &amp; III         Easier Access Phase II &amp; Legislated         CW         S2         02         0         0           Sub-total         35.000         52.044</td><td>Diect No.         Project Name<br/>(bProj No.         Ward Stat.         Cat.         2016         2017         2018           0n-Grade Paving Rehabilitation - SOGR         CW         S6         03         0         0         0         0           Sub-total         8.802         11.348         13.354         8.802         11.348         13.354           P         Bridges and Tunnels - SOGR         CW         S2         03         50.472         37.304         0           Bridges and Tunnels - SOGR         CW         S2         03         0         17.363         42.763           Sub-total         50.472         54.667         42.763         50.472         54.667         42.763           Queensway Bus Garage Renovations -<br/>SOGR         CW         S2         03         495         0         0           Pire Ventilation Upgrade         SOGR         CW         S2         03         23.687         22.947         40.659           Pire Ventilation Upgrade         SOGR         CW         S2         03         0         0         0           Sub-total         23.687         22.947         40.659         23.687         22.947         40.659           Easier Acccess Phase III - Legisl</td><td>Didect No.         Project Name         Ward Stat. Cat.         2016         2017         2018         2019           a         On-Grade Paving Rehabilitation         On-Grade Paving Rehabilitation         SUB-total         8.802         11.348         13.354         12.802           a         Sub-total         8.802         11.348         13.354         12.802           b         Bridges and Tunnels - Various         8.802         11.348         13.354         12.802           Bridges and Tunnels - SOGR         CW         S2         03         0         17.363         42.763         37.636           Sub-total         50.472         54.667         42.763         37.636         0         0         0         0           Cueensway Bus Garage Renovations - SOGR         CW         S2         03         495         0         0         0         0           Queensway Bus Garage Renovations - SOGR         CW         S3         03         0</td><td>Didect No.         Project Name         Ward Stat. Cat.         2016         2017         2018         2019         2020           a On-Grade Paving Rehabilitation         On-Grade Paving Rehabilitation - SOGR         CW         S6         0         0         0         10,000         11,008         13,500           Sub-total         8.802         11.348         13,354         12,802         13,500           Pridges and Tunnels - Various         8.802         11,348         13,354         12,802         13,500           Bridges and Tunnels - SOGR         CW         S2         03         50,472         37,304         0         0         0           Bridges and Tunnels - SOGR         CW         S2         03         50,472         37,636         38,894           Sub-total         50,472         54,667         42,763         37,636         38,894           Cueensway Bus Garage Renovations - CW         S2         03         495         0         0         0         0           Sub-total         23,687         22,947         40,659         37,499         0         0           Fire Ventilation Upgrade         S3         03         0         0         52,044         54,904         55,482</td><td>Diect No.         Project Name         Ward Stat. Cat.         2016         2017         2018         2019         2020         Total 2016-2020           a On-Grade Paving Rehabilitation         On-Grade Paving Rehabilitation         Sub-total         8.802         11.348         13.364         12.802         13.500         24.508           Sub-total         8.802         11.348         13.364         12.802         13.500         59.806           Bridges and Tunnels - Various         8.802         11.348         13.364         12.802         13.606         59.806           Bridges and Tunnels - SOGR         CW         S2&lt;03</td>         50.472         37.304         0         0         0         8.892         136.656           Sub-total         50.472         37.304         0         0         0         8.894         124.432           Queensway Bus Garage Renovations         CW         S2&lt;03</td>         2495         0         0         0         495           Pire Ventiliation Upgrade         CW         S3&lt;03</td<> | Job Proj No.       Sub-project Name       Ward Stat. Cat.         2       On-Grade Paving Rehabilitation       On         2       On-Grade Paving Rehabilitation - SOGR       CW       S6       03         2       Bridges and Tunnels - Various       Bridges and Tunnels - SOGR       CW       S2       03         2       Bridges and Tunnels - SOGR       CW       S2       03         3       Sub-total       CW       S2       03         4       Fire Ventilation Upgrade       CW       S2       03         5       Sub-total       CW       S3       03         4       Easier Access Phase II & III       Easier Access Phase III - Legislated       CW       S2       02         6       Gater Access Phase III - Legislated       CW       S2       03         7       Other Buildings & Structures Projects - SOGR       CW       S2       03         8       Easier Access Phase III - Legislated <td>bibProj No.       Sub-project Name       Ward Stat. Cat.       2016         2       On-Grade Paving Rehabilitation       0         Sub-total       8.602         2       Bridges and Tunnels - Various       8.602         3       Bridges and Tunnels - Various       50,472         4       Bridges and Tunnels - SOGR       CW       S2       03         5       0.0       Sub-total       50,472         8       Bridges and Tunnels - SOGR       CW       S5       03       0         Sub-total       50,472       50,472       50,472         1       Queensway Bus Garage Renovations       20,03       495         SOR       Sub-total       495       495         20       Gueensway Bus Garage Renovations - SOGR       CW       S2       03       0         2       Fire Ventilation Upgrade       CW       S3       03       0         3       Easier Access Phase III - Legislated       CW       S2       02       35,000         3       Sub-total       35,000       35,000       35,000       35,000       35,000       35,000       35,000       35,000       35,000       35,000       35,000       35,000       35,000       &lt;</td> <td>Diect No.         Project Name<br/>bProj No.         Ward Stat.         Cat.         2016         2017           a         On-Grade Paving Rehabilitation<br/>On-Grade Paving Rehabilitation         CW         S6         03         0         0           Sub-total         8.802         11.348         8.802         11.348           a         Bridges and Tunnels - Various         8.802         30         0         17.363           Bridges and Tunnels - SOGR         CW         S2         03         50.472         54.667           Cueensway Bus Garage Renovations         CW         S2         03         495         0           Sub-total         50.472         54.667         495         0         0           Cueensway Bus Garage Renovations -<br/>SOGR         CW         S2         03         495         0           Sub-total         23.687         22.947         495         0         0         0           Sub-total         23.687         23.687         23.687         23.687         23.687         23.687           Easier Access Phase II &amp; III         Easier Access Phase II &amp; Legislated         CW         S2         02         0         0           Sub-total         35.000         52.044</td> <td>Diect No.         Project Name<br/>(bProj No.         Ward Stat.         Cat.         2016         2017         2018           0n-Grade Paving Rehabilitation - SOGR         CW         S6         03         0         0         0         0           Sub-total         8.802         11.348         13.354         8.802         11.348         13.354           P         Bridges and Tunnels - SOGR         CW         S2         03         50.472         37.304         0           Bridges and Tunnels - SOGR         CW         S2         03         0         17.363         42.763           Sub-total         50.472         54.667         42.763         50.472         54.667         42.763           Queensway Bus Garage Renovations -<br/>SOGR         CW         S2         03         495         0         0           Pire Ventilation Upgrade         SOGR         CW         S2         03         23.687         22.947         40.659           Pire Ventilation Upgrade         SOGR         CW         S2         03         0         0         0           Sub-total         23.687         22.947         40.659         23.687         22.947         40.659           Easier Acccess Phase III - Legisl</td> <td>Didect No.         Project Name         Ward Stat. Cat.         2016         2017         2018         2019           a         On-Grade Paving Rehabilitation         On-Grade Paving Rehabilitation         SUB-total         8.802         11.348         13.354         12.802           a         Sub-total         8.802         11.348         13.354         12.802           b         Bridges and Tunnels - Various         8.802         11.348         13.354         12.802           Bridges and Tunnels - SOGR         CW         S2         03         0         17.363         42.763         37.636           Sub-total         50.472         54.667         42.763         37.636         0         0         0         0           Cueensway Bus Garage Renovations - SOGR         CW         S2         03         495         0         0         0         0           Queensway Bus Garage Renovations - SOGR         CW         S3         03         0</td> <td>Didect No.         Project Name         Ward Stat. Cat.         2016         2017         2018         2019         2020           a On-Grade Paving Rehabilitation         On-Grade Paving Rehabilitation - SOGR         CW         S6         0         0         0         10,000         11,008         13,500           Sub-total         8.802         11.348         13,354         12,802         13,500           Pridges and Tunnels - Various         8.802         11,348         13,354         12,802         13,500           Bridges and Tunnels - SOGR         CW         S2         03         50,472         37,304         0         0         0           Bridges and Tunnels - SOGR         CW         S2         03         50,472         37,636         38,894           Sub-total         50,472         54,667         42,763         37,636         38,894           Cueensway Bus Garage Renovations - CW         S2         03         495         0         0         0         0           Sub-total         23,687         22,947         40,659         37,499         0         0           Fire Ventilation Upgrade         S3         03         0         0         52,044         54,904         55,482</td> <td>Diect No.         Project Name         Ward Stat. Cat.         2016         2017         2018         2019         2020         Total 2016-2020           a On-Grade Paving Rehabilitation         On-Grade Paving Rehabilitation         Sub-total         8.802         11.348         13.364         12.802         13.500         24.508           Sub-total         8.802         11.348         13.364         12.802         13.500         59.806           Bridges and Tunnels - Various         8.802         11.348         13.364         12.802         13.606         59.806           Bridges and Tunnels - SOGR         CW         S2&lt;03</td> 50.472         37.304         0         0         0         8.892         136.656           Sub-total         50.472         37.304         0         0         0         8.894         124.432           Queensway Bus Garage Renovations         CW         S2<03 | bibProj No.       Sub-project Name       Ward Stat. Cat.       2016         2       On-Grade Paving Rehabilitation       0         Sub-total       8.602         2       Bridges and Tunnels - Various       8.602         3       Bridges and Tunnels - Various       50,472         4       Bridges and Tunnels - SOGR       CW       S2       03         5       0.0       Sub-total       50,472         8       Bridges and Tunnels - SOGR       CW       S5       03       0         Sub-total       50,472       50,472       50,472         1       Queensway Bus Garage Renovations       20,03       495         SOR       Sub-total       495       495         20       Gueensway Bus Garage Renovations - SOGR       CW       S2       03       0         2       Fire Ventilation Upgrade       CW       S3       03       0         3       Easier Access Phase III - Legislated       CW       S2       02       35,000         3       Sub-total       35,000       35,000       35,000       35,000       35,000       35,000       35,000       35,000       35,000       35,000       35,000       35,000       35,000       < | Diect No.         Project Name<br>bProj No.         Ward Stat.         Cat.         2016         2017           a         On-Grade Paving Rehabilitation<br>On-Grade Paving Rehabilitation         CW         S6         03         0         0           Sub-total         8.802         11.348         8.802         11.348           a         Bridges and Tunnels - Various         8.802         30         0         17.363           Bridges and Tunnels - SOGR         CW         S2         03         50.472         54.667           Cueensway Bus Garage Renovations         CW         S2         03         495         0           Sub-total         50.472         54.667         495         0         0           Cueensway Bus Garage Renovations -<br>SOGR         CW         S2         03         495         0           Sub-total         23.687         22.947         495         0         0         0           Sub-total         23.687         23.687         23.687         23.687         23.687         23.687           Easier Access Phase II & III         Easier Access Phase II & Legislated         CW         S2         02         0         0           Sub-total         35.000         52.044 | Diect No.         Project Name<br>(bProj No.         Ward Stat.         Cat.         2016         2017         2018           0n-Grade Paving Rehabilitation - SOGR         CW         S6         03         0         0         0         0           Sub-total         8.802         11.348         13.354         8.802         11.348         13.354           P         Bridges and Tunnels - SOGR         CW         S2         03         50.472         37.304         0           Bridges and Tunnels - SOGR         CW         S2         03         0         17.363         42.763           Sub-total         50.472         54.667         42.763         50.472         54.667         42.763           Queensway Bus Garage Renovations -<br>SOGR         CW         S2         03         495         0         0           Pire Ventilation Upgrade         SOGR         CW         S2         03         23.687         22.947         40.659           Pire Ventilation Upgrade         SOGR         CW         S2         03         0         0         0           Sub-total         23.687         22.947         40.659         23.687         22.947         40.659           Easier Acccess Phase III - Legisl | Didect No.         Project Name         Ward Stat. Cat.         2016         2017         2018         2019           a         On-Grade Paving Rehabilitation         On-Grade Paving Rehabilitation         SUB-total         8.802         11.348         13.354         12.802           a         Sub-total         8.802         11.348         13.354         12.802           b         Bridges and Tunnels - Various         8.802         11.348         13.354         12.802           Bridges and Tunnels - SOGR         CW         S2         03         0         17.363         42.763         37.636           Sub-total         50.472         54.667         42.763         37.636         0         0         0         0           Cueensway Bus Garage Renovations - SOGR         CW         S2         03         495         0         0         0         0           Queensway Bus Garage Renovations - SOGR         CW         S3         03         0 | Didect No.         Project Name         Ward Stat. Cat.         2016         2017         2018         2019         2020           a On-Grade Paving Rehabilitation         On-Grade Paving Rehabilitation - SOGR         CW         S6         0         0         0         10,000         11,008         13,500           Sub-total         8.802         11.348         13,354         12,802         13,500           Pridges and Tunnels - Various         8.802         11,348         13,354         12,802         13,500           Bridges and Tunnels - SOGR         CW         S2         03         50,472         37,304         0         0         0           Bridges and Tunnels - SOGR         CW         S2         03         50,472         37,636         38,894           Sub-total         50,472         54,667         42,763         37,636         38,894           Cueensway Bus Garage Renovations - CW         S2         03         495         0         0         0         0           Sub-total         23,687         22,947         40,659         37,499         0         0           Fire Ventilation Upgrade         S3         03         0         0         52,044         54,904         55,482 | Diect No.         Project Name         Ward Stat. Cat.         2016         2017         2018         2019         2020         Total 2016-2020           a On-Grade Paving Rehabilitation         On-Grade Paving Rehabilitation         Sub-total         8.802         11.348         13.364         12.802         13.500         24.508           Sub-total         8.802         11.348         13.364         12.802         13.500         59.806           Bridges and Tunnels - Various         8.802         11.348         13.364         12.802         13.606         59.806           Bridges and Tunnels - SOGR         CW         S2<03 | Longentiation         Lossentiation         Lossenti | Diest No.         Project Name         Ward Stat. Cat.         2016         2017         2018         2019         2020         70tal         70tal         201-2025         201-6202< | Diect Name         Ward Stat. Cat.         2016         2017         2018         2019         2020         Total         Total | Direct No.         Protect Name         Ward Stat. Cat.         2016         2017         2018         2019         2029         2019-2020 <td>Description         Project Name         Ward Stat. Cat.         2016         2017         2018         2019         2020         Total         Tota</td> <td>Debroi         No.         Undebland         Undebla</td> <td>General No.         Fronder Name         Ward Stat. Cat.         2016         2017         2018         2019       &lt;</td> <td>bench bench b</td> <td>bit Project Name<br/>Definition Sub-project Name<br/>Sub-project Name<br/>Sub-pr</td> <td>bit Dirigita Name         Ward Stat. Cal         2016         2017         2018         2019         2019         2020         70211<!--</td--><td>bit bit bit bit bit bit bit bit bit bit</td><td>bits N.b.         Endicat Name         Ward Star Cat.         2016         2017         2018         2010         2018         Total         Total<!--</td--></td></td> | Description         Project Name         Ward Stat. Cat.         2016         2017         2018         2019         2020         Total         Tota | Debroi         No.         Undebland         Undebla | General No.         Fronder Name         Ward Stat. Cat.         2016         2017         2018         2019       < | bench b | bit Project Name<br>Definition Sub-project Name<br>Sub-project Name<br>Sub-pr | bit Dirigita Name         Ward Stat. Cal         2016         2017         2018         2019         2019         2020         70211 </td <td>bit bit bit bit bit bit bit bit bit bit</td> <td>bits N.b.         Endicat Name         Ward Star Cat.         2016         2017         2018         2010         2018         Total         Total<!--</td--></td> | bit | bits N.b.         Endicat Name         Ward Star Cat.         2016         2017         2018         2010         2018         Total         Total </td |

#### Gross Expenditures (\$000's) Appendix 3: 2016 Council Approved Capital Budget; 2017 to 2025 Capital Plan

						Curre	ent and Fu	iture Year	Cash Flov	w Commitm	nents			Curi	rent and Fu	iture Year Cas	h Flow	Commitment	Finance	ed By	-	
	<u>oject No.</u> <u>Project Name</u> bProj No. Sub-project Name	Ward	Stat.	Cat.	2016	2017	2018	2019	2020	Total 2016-2020	Total 2021-2025	Total 2016-2025	Provincial Grants and Subsidies	Federal [ Subsidy	Development Charges	Rese Reserves Fur	Ca erve f nds Cu	apital from urrent Other	1 Other2	Debt Recover 2 Debt	able	Total Financing
TTC000390																						
0 20	Other Buildings & Structure - Improvement	CW	S2	04	8,003	12,568	1,340	496	559	22,966	2,159	25,125	720	0	0	0	0	0	0	0 24,405	0	25,125
	Sub-total				43,467	95,679	81,647	65,754	54,387	340,934	58,642	399,576	75,521	50,907	0	50,036	0	0	0	0 223,112	0	399,576
TTC000414	Replace 40' Diesel Buses or Equivalent																					
1 1	Replace 40 Diesel Buses or Equivalent - SOGR	CW	S2	03	64,508	73,400	60,600	69,472	4,449	272,429	305,528	577,957	о	195,104	102,522	0	0	0	0	0 280,331	0	577,957
06	Purchase 40 Diesel Buses or Equivalent - SI	CW	S2	04	11,084	0	0	0	0	11,084	0	11,084	0	11,084	0	0	0	0	0	0 0	0	11,084
07	Purchase 380 of 40ft Diesel Buses SOGR	CW	S3	03	0	0	0	0	0	0	-144,074	-144,074	0	0	0	0	0	0	0	0-144,074	0	-144,074
09	Purchase of 40ft Buses - Improvements	CW	S3	04	2,988	0	0	0	0	2,988	0	2,988	0	2,988	0	0	0	0	0	0 0	0	2,988
	Sub-total				78,580	73,400	60,600	69,472	4,449	286,501	161,454	447,955	0	209,176	102,522	0	0	0	0	0 136,257	0	447,955
TTC000421	Subway Car Purchases																					
1 1	Subway Car Purchases - SOGR	CW	S2	03	24,236	14,122	4,076	0	0	42,434	0	42,434	0	17,845	0	0	0	0	0	0 24,589	0	42,434
03	Subway Car Purchases - SOGR	CW	S3	03	0	-5,000	0	0	0	-5,000	0	-5,000	0	0	0	0	0	0	0	0 -5,000	0	-5,000
	Sub-total				24,236	9,122	4,076	0	0	37,434	0	37,434	0	17,845	0	0	0	0	0	0 19,589	0	37,434
TTC000432	Bus Heavy Rebuild Program - Overhaul																					
1 1	Bus Heavy Rebuild Program, Overhaul - SOGR	CW	S2	03	69,229	5,249	0	0	0	74,478	0	74,478	70,431	0	0	2,384	0	0	0	0 1,663	0	74,478
15	Bus Heavy Rebuild Program - Overhaul SOGR	CW	S5	03	0	60,013	42,055	9,903	5,804	117,775	857	118,632	94,221	23,554	0	0	0	0	0	0 857	0	118,632
06	Bus Heavy Rebuild Prog. Overhaul - Legislated	CW	S2	02	5,026	335	350	0	0	5,711	0	5,711	685	0	0	3,860	0	0	0	0 1,166	0	5,711
07	Bus Heavy Rebuild/Overhaul-Legislated	CW	S3	02	1,715	0	0	0	0	1,715	0	1,715	0	0	0	1,663	0	0	0	0 52	0	1,715
	Sub-total				75,970	65,597	42,405	9,903	5,804	199,679	857	200,536	165,337	23,554	0	7,907	0	0	0	0 3,738	0	200,536
TTC000450	Streetcar Overhaul Program																					
1 1	Streetcar Overhaul Program - SOGR	CW	S2	03	9,772	8,614	0	0	633	19,019	14,172	33,191	5,908	6,546	0	0	0	0	0	0 20,737	0	33,191
1 3	Streetcar Overhaul Program - SOGR Scope Change	CW	S3	03	0	0	0	0	0	0	16,696	16,696	0	16,696	0	0	0	0	0	0 0	0	16,696
0 4	Streetcar Overhaul Program - Legislated	CW	S2	02	410	410	0	0	0	820	0	820	0	0	0	0	0	0	0	0 820	0	820
06	Streetcar Overhaul Program - Legislated	CW	S4	02	0	0	410	410	410	1,230	7,303	8,533	6,893	0	0	0	0	0	0	0 1,640	0	8,533
	Sub-total				10,182	9,024	410	410	1,043	21,069	38,171	59,240	12,801	23,242	0	0	0	0	0	0 23,197	0	59,240
TTC000460	Subway Car Overhaul Program																					

#### Gross Expenditures (\$000's) Appendix 3: 2016 Council Approved Capital Budget; 2017 to 2025 Capital Plan

			Curr	ent and Fu	uture Year	Cash Flo	w Commitn	nents			Cur	rent and Fu	uture Year	r Cash Flo	w Comm	itments	Finance	d By		
	Project No. Project Name SubProj No. Sub-project Name Ward Stat. Cat	. 2016	2017	2018	2019	2020	Total 2016-2020	Total 2021-2025	Total 2016-2025	Provincial Grants and Subsidies	Federal ( Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Red	Debt - coverable	Total Financing
TTC0004	60 Subway Car Overhaul Program																			
1 1	Subway Car Overhaul Program - SOGR CW S2 03	30,755	34,627	17,388	17,463	17,085	117,318	56,201	173,519	27,818	26,359	0	51,736	0	0	(	) (	67,606	0	173,519
14	Subway Car Overhaul Program - SOGR CW S3 03 Scope Change	37,402	13,415	1,614	657	800	53,888	31,175	85,063	4,913	26,253	0	27,480	0	0	(	) (	26,417	0	85,063
	Sub-total	68,157	48,042	19,002	18,120	17,885	171,206	87,376	258,582	32,731	52,612	0	79,216	0	0	(	) (	0 94,023	0	258,582
TTC0004	70 Automotive Non-Revenue Vehicles																			
1 1	Automotive Non-Revenue Vehicles - SOGR CW S2 03	4,380	3,465	0	0	0	7,845	0	7,845	0	0	0	0	0	0	7,84	5 (	0 0	0	7,845
14	Automotive Non-Revenue Vehicles - SOGR CW S5 03	4,948	0	2,472	2,382	3,377	13,179	19,122	32,301	0	0	0	0	0	3,481	28,820	) (	0 0	0	32,301
	Sub-total	9,328	3,465	2,472	2,382	3,377	21,024	19,122	40,146	0	0	0	0	0	3,481	36,665	5 (	0 0	0	40,146
TTC0004	80 Rail Non-Revenue Vehicle Overhaul																			
1 1	Rail Non-Revenue Vehicle Overhaul - SOGR CW S2 03	1,061	2,050	2,075	1,765	1,783	8,734	3,865	12,599	0	0	0	0	0	597	(	) (	0 12,002	0	12,599
18	Rail Non-Revenue Vehicle Overhaul - SOGR CW S6 03	0	0	0	0	0	0	4,063	4,063	1,153	0	0	0	0	0	(	0 0	2,910	0	4,063
19	Rail Non-Revenue Vehicle Overhaul - SOGR CW S3 03 Scope Cha	458	0	0	0	0	458	0	458	0	0	0	0	0	458	(	) (	0 0	0	458
	Sub-total	1,519	2,050	2,075	1,765	1,783	9,192	7,928	17,120	1,153	0	0	0	0	1,055	(	) (	0 14,912	0	17,120
TTC0005	10 Tools and Shop Equipment																			
1 1	Tools and Shop Equipment - SOGR CW S2 03	5,628	893	0	0	0	6,521	0	6,521	0	0	0	0	0	4,444	1,78	5 (	) 292	0	6,521
16	Tools and Shop Equipment - SOGR CW S5 03	4,960	3,382	5,067	2,408	3,016	18,833	11,743	30,576	0	0	0	0	0	0	30,576	6 (	0 0	0	30,576
	Sub-total	10,588	4,275	5,067	2,408	3,016	25,354	11,743	37,097	0	0	0	0	0	4,444	32,36	1 (	0 292	0	37,097
TTC0005	20 Fare Handling Equipment																			
1 1	Fare Handling Equipment - SOGR CW S2 03	5,370	0	0	0	0	5,370	0	5,370	0	0	0	0	0	3,472	(	) (	0 1,898	0	5,370
03	Fare Handling Equipment - Expansion S3 CW S3 05	260	0	0	0	0	260	0	260	0	0	0	0	0	260	(	) (	0 0	0	260
17	Fare Handling Equipment - SOGR CW S5 03	30,505	7,675	75	75	250	38,580	1,350	39,930	2,900	0	0	0	0	0	4,981	1 (	32,049	0	39,930
08	Fare Handling Equipment - Expansion CW S2 05	800	0	0	0	0	800	0	800	0	0	0	0	0	0	(	) (	0 800	0	800
	Sub-total	36,935	7,675	75	75	250	45,010	1,350	46,360	2,900	0	0	0	0	3,732	4,98	1 (	0 34,747	0	46,360
TTC0005	30 Other Maintenance Equipment																			
1 1	Other Maintenance Equipment - SOGR S2 CW S2 03	6,698	1,226	0	0	0	7,924	0	7,924	0	0	0	0	0	0	2,479	9 (	) 5,445	0	7,924
1																				

#### Gross Expenditures (\$000's) Appendix 3: 2016 Council Approved Capital Budget; 2017 to 2025 Capital Plan

					ļ	Curr	ent and Fu	uture Year	Cash Flo	w Commitn	nents			Cur	rent and Fu	uture Year	Cash Flo	w Comm	itments I	inanced	Ву		
	<u>ject No. Project Name</u> pProj No. Sub-project Name	Ward	Stat.	Cat.	2016	2017	2018	2019	2020	Total 2016-2020	Total 2021-2025	Total 2016-2025	Provincial Grants and Subsidies	Federal [ Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Del Recov Debt	erable	Total Financing
TTC000530	Other Maintenance Equipment																						
14	Other Maintenance Equipment - SOGR St	5 CW	S5	03	902	50	1,225	1,151	1,153	4,481	6,546	11,027	C	0	0	0	0	0	10,075	0	952	0	11,027
	Sub-total				7,600	1,276	1,225	1,151	1,153	12,405	6,546	18,951	0	0	0	0	0	0	12,554	0	6,397	0	18,951
TTC000610	Environmental Programs																						
2 1	Environmental Programs - Legislated	CW	S2	02	10,337	11,773	15,620	4,741	0	42,471	0	42,471	o	0	0	0	0	0	C	0	42,471	0	42,471
1 4	Environmental Programs - Legislated	CW	S5	02	0	0	0	3,707	8,488	12,195	37,136	49,331	20,475	8,300	0	0	0	0	C	0	20,556	0	49,331
	Sub-total				10,337	11,773	15,620	8,448	8,488	54,666	37,136	91,802	20,475	8,300	0	0	0	0	C	0	63,027	0	91,802
TTC000710	Information Technology System-Infrastruct	ture																					
1 1	Information Tech. System-Infrastructure - SOGR	CW	S2	03	82,123	73,368	52,687	31,967	27,884	268,029	13,331	281,360	O	0	0	0	0	14,981	101,140	0	165,239	0	281,360
18	Information Tech. Systems-Infrastructure - SOGR	- CW	S5	03	6,807	14,915	0	0	20,550	42,272	55,039	97,311	C	0	0	0	0	6,807	40,794	0	49,710	0	97,311
	Sub-total				88,930	88,283	52,687	31,967	48,434	310,301	68,370	378,671	0	0	0	0	0	21,788	141,934	0	214,949	0	378,671
TTC000910	Furniture & Office Equipment																						
1 1	Furniture & Office Equipment - SOGR	CW	S2	03	199	0	0	0	0	199	0	199	C	0	0	0	0	199	C	0	0	0	199
1 4	Furniture & Office Equipment - SOGR	CW	S5	03	10	486	355	272	683	1,806	1,872	3,678	o	0	0	0	0	10	3,182	0	486	0	3,678
	Sub-total				209	486	355	272	683	2,005	1,872	3,877	0	0	0	0	0	209	3,182	0	486	0	3,877
TTC000920	Other Service Planning																						
3 1	Other Service Planning - Improvement	CW	S2	04	6,570	5,835	2,568	0	0	14,973	0	14,973	C	0	5,280	0	0	3,560	C	0	6,133	0	14,973
35	Other Service Planning - Improvement	CW	S5	04	0	0	3,068	5,035	2,635	10,738	10,175	20,913	275	0	12,320	0	0	0	C	0	8,318	0	20,913
0 6	Other Service Planning - SOGR	CW	S2	03	750	0	0	0	0	750	0	750	o	0	0	0	0	750	C	0	0	0	750
0 7	Other Service Planning - Legislated	CW	S2	02	200	200	200	200	200	1,000	800	1,800	C	0	0	0	0	200	C	0	1,600	0	1,800
	Sub-total				7,520	6,035	5,836	5,235	2,835	27,461	10,975	38,436	275	0	17,600	0	0	4,510	C	0	16,051	0	38,436
TTC000921	Transit Shelters & Loops																						
0 4	Transit Shelters & Loops - SOGR	CW	S2	03	298	250	257	264	271	1,340	47	1,387	o	0	0	0	0	0	C	0	1,387	0	1,387
0 5	Transit Shelters & Loops - SOGR	CW	S6	03	0	0	0	0	0	0	1,424	1,424	309	0	0	0	0	0	C	0	1,115	0	1,424
	Sub-total				298	250	257	264	271	1,340	1,471	2,811	309	0	0	0	0	0	C	0	2,502	0	2,811
TTC906010	Purchase of Legacy LRVs																						
					-							-											

#### Gross Expenditures (\$000's) Appendix 3: 2016 Council Approved Capital Budget; 2017 to 2025 Capital Plan

Toronto Transit Commission

				_																	
					Curre	ent and F	uture Year	Cash Flo	w Commitr	nents			Curi	rent and Fu	uture Year	Cash Flow (	Commitme	ents Fi	inanced By		-
	<u>oject No. Project Name</u> bProj No. Sub-project Name	Ward \$	Stat. Cat.	2016	2017	2018	2019	2020	Total 2016-2020	Total 2021-2025	Total 2016-2025	Provincial Grants and Subsidies	Federal [ Subsidy	Development Charges	Reserves	Ca Reserve fr Funds Cu	apital rom urrent Oth	er1 (		Debt - overable	Total Financing
TTC906010	Purchase of Legacy LRVs																				
0 2	Purchase of Legacy LRVs - SOGR	CW	S2 03	174,871	165,928	157,136	160,249	0	658,184	0	658,184	204,274	300,356	0	32,218	0	0	0	0 121,336	0	658,184
	Sub-total			174,871	165,928	157,136	160,249	0	658,184	0	658,184	204,274	300,356	0	32,218	0	0	0	0 121,336	0	658,184
TTC906365	Purchase of Rail Non-Revenue Vehicle																				
1 1	Purchase of Rail Non-Revenue Vehicle - SOGR	CW	S2 03	7,128	6,425	1,796	6,635	2,350	24,334	0	24,334	0	0	0	0	0	0	0	0 24,334	0	24,334
1 3	Purchase of Rail Non-Revenue Vehicle - Improvement	CW	S2 04	70	6,648	4,120	0	0	10,838	0	10,838	0	0	0	0	0	0	0	0 10,838	0	10,838
06	Purchase of Rail Non-Revenue Vehicle - SOGR	CW	S3 03	4,655	2,248	0	0	0	6,903	0	6,903	0	0	0	0	0	0	0	0 6,903	0	6,903
08	Purchase of Rail Non-Rev Vehicle - Improvment	CW	S4 04	0	0	8,906	6,256	0	15,162	0	15,162	0	0	0	0	0	0	0	0 15,162	0	15,162
	Sub-total			11,853	15,321	14,822	12,891	2,350	57,237	0	57,237	0	0	0	0	0	0	0	0 57,237	0	57,237
TTC907743	ATC Resignalling																				
0 1	ATC YUS Resignalling - SOGR	CW	S2 03	56,330	69,079	65,580	58,856	30,969	280,814	20,807	301,621	0	18,869	94,020	0	0	0	0	0 188,732	0	301,621
0 2	ATC BD Resignalling - SOGR	CW	S2 03	1,500	12,923	24,854	27,362	29,812	96,451	202,397	298,848	47,145	40,339	136,536	0	0	0	0	0 74,828	0	298,848
0 3	ATC Resignalling Change in Scope	CW	S3 03	0	1,639	0	0	0	1,639	0	1,639	0	0	0	0	0	0	0	0 1,639	0	1,639
	Sub-total			57,830	83,641	90,434	86,218	60,781	378,904	223,204	602,108	47,145	59,208	230,556	0	0	0	0	0 265,199	0	602,108
TTC907744	Fare System																				
0 1	Fare System - SOGR	CW	S2 03	295	571	577	483	0	1,926	0	1,926	0	0	0	0	0	0	0	0 1,926	0	1,926
02	Fare System - Expansion	CW	S2 05	13,228	7,737	5,019	0	0	25,984	0	25,984	0	0	0	0	0	0	0	0 25,984	0	25,984
03	Fare System - Expansion - Scope Chang	e CW	S3 05	-528	-753	-2,860	0	0	-4,141	0	-4,141	0	0	0	0	0	0	0	0 -4,141	0	-4,141
	Sub-total			12,995	7,555	2,736	483	0	23,769	0	23,769	0	0	0	0	0	0	0	0 23,769	0	23,769
TTC907748	Wilson Complex - Modifications for the To	pronto R																			
0 2	Wilson Complex - Modification for the Toronto Roc	CW	S2 03	103	487	0	0	0	590	0	590	0	0	0	0	0	0	0	0 590	0	590
	Sub-total			103	487	0	0	0	590	0	590	0	0	0	0	0	0	0	0 590	0	590
TTC907749	Leslie Barns Streetcar Maint.& Storage F	acility																			
1 1	Leslie Barns Streetcar Main. & Storage Facility	CW	S2 03	33,804	17,067	2,200	0	0	53,071	0	53,071	0	7,902	10,000	1,366	0	0	0	0 33,803	0	53,071
03	Leslie Barns Streetcar Main. SOGR	CW	S3 03	0	10,052	0	0	0	10,052	0	10,052	0	0	0	0	0	0	0	0 10,052	0	10,052
	Sub-total			33,804	27,119	2,200	0	0	63,123	0	63,123	0	7,902	10,000	1,366	0	0	0	0 43,855	0	63,123
<u>TTC907750</u>	Toronto Rocket Yard & Storage Track Acc	<u>commod</u> i																			

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#### Gross Expenditures (\$000's) Appendix 3: 2016 Council Approved Capital Budget; 2017 to 2025 Capital Plan

					Curr	ent and Fu	iture Year	Cash Flo	w Commitn	nents			Cu	rrent and Fu	uture Year	Cash Flo	w Comm	itments I	Finance	d By	
<u>Sub-</u> Project PrioritySubPro	<u>t No. Project Name</u> oj No. Sub-project Name	Ward S	tat. Cat.	2016	2017	2018	2019	2020	Total 2016-2020	Total 2021-2025	Total 2016-2025	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverabl Debt	Total Financing
TTC907750 Tor	ronto Rocket Yard & Storage Track Acc	commod:																			
	ronto Rocket Yard - Storage Track ccommodation	CW S	62 03	38,204	65,391	81,357	104,280	69,889	359,121	43,390	402,511	17,579	103,688	98,199	79,195	0	0	) (	) (	0 103,850	402,511
	Sub-total			38,204	65,391	81,357	104,280	69,889	359,121	43,390	402,511	17,579	103,688	98,199	79,195	0	0	) (	)	0 103,850	402,511
TTC908032 Mc	cNicoll Bus Garage Facility																				
0 1 Me	lcNicoll Bus Garage Facility - Growth	39 \$	62 05	2,308	20,500	50,000	50,000	51,950	174,758	0	174,758	0	34,314	88,809	0	0	0	) (	) (	51,635	174,758
	Sub-total			2,308	20,500	50,000	50,000	51,950	174,758	0	174,758	0	34,314	88,809	0	0	0	) (	)	0 51,635	174,758
<u>TTS000392</u> <u>Sh</u>	neppard Subway																				
4 1 Sh	neppard Subway - Expansion	CW S	62 05	3,706	0	0	0	0	3,706	0	3,706	o	C	0	0	0	0	) (	) (	3,706	3,706
	Sub-total			3,706	0	0	0	0	3,706	0	3,706	0	C	0	0	0	0	) (	)	0 3,706	3,706
Total Prog	ram Expenditure			1,115,000	1,210,511	1,030,701	947,593	569,032	4,872,837	1,764,424	6,637,261	1,033,001	1,658,988	547,686	648,863	0	39,915	231,677	7	0,477,131	6,637,261

Report Phase 5 - Program 20 Toronto Transit Commission Program Phase 5 Sub-Project Category 01,02,03,04,05,06,07 Part B Sub-Project Status S2,S5,S6 Part C Sub-Project Status S2,S3,S4 **CITY OF TORONTO** 

#### Gross Expenditures (\$000's)

#### Appendix 3: 2016 Council Approved Capital Budget; 2017 to 2025 Capital Plan

#### Toronto Transit Commission

		c	urrent and	Future Ye	ar Cash F	low Comr	nitments ar	d Estimate	s		Curren	t and Futur	e Year Cash F	low Co	ommitmer	nts and E	stimates	Finance	ed By	
<u>Sub-</u> <u>Project No.</u> <u>Project Name</u> Priority SubProj No. Sub-project Name Ward	l Stat. Cat.	2016	2017	2018	2019	2020	Total 2016-2020	Total 2021-2025	Total 2016-2025	Provincial Grants and Subsidies	Federal De Subsidy	evelopment Charges	Reserves Fu	serve unds	Capital from Current	Other 1	Other2	Re	Debt - coverable	Total Financing
Financed By:																				
Provincial Grants & Subsidies		133,501	201,350	124,984	121,818	75,226	656,879	376,122	1,033,001	1,033,001	0	0	0	0	0	0	0	0	0	1,033,001
Federal Subsidy		159,812	159,811	167,420	167,420	167,423	821,886	837,102	1,658,988	0	1,658,988	0	0	0	0	0	0	0	0	1,658,988
Development Charges		16,466	95,479	100,150	81,573	65,775	359,443	188,243	547,686	0	0	547,686	0	0	0	0	0	0	0	547,686
Reserves (Ind. "XQ" Ref.)		147,084	195,917	130,272	115,673	59,917	648,863	0	648,863	0	0	0	648,863	0	0	0	0	0	0	648,863
Capital from Current		39,915	0	0	0	0	39,915	0	39,915	0	0	0	0	0	39,915	0	0	0	0	39,915
Other1 (Internal)		33,449	33,136	26,427	17,194	26,713	136,919	94,758	231,677	0	0	0	0	0	0	231,677	0	0	0	231,677
Debt		584,773	524,818	481,448	443,915	173,978	2,208,932	268,199	2,477,131	0	0	0	0	0	0	0	0,	477,131	0	2,477,131
Total Program Financing		1,115,000	1,210,511	1,030,701	947,593	569,032	4,872,837	1,764,424	6,637,261	1,033,001	1,658,988	547,686	648,863	0	39,915	231,677	0,	,477,131	0	6,637,261

#### Status Code Description

S2 S2 Prior Year (With 2016 and\or Future Year Cashflow)

S3 S3 Prior Year - Change of Scope 2016 and\or Future Year Cost\Cashflow)

S4 S5 S4 New - Stand-Alone Project (Current Year Only)

S5 New (On-going or Phased Projects)

S6 S6 New - Future Year (Commencing in 2017 & Beyond)

#### Category Code Description

01 Health and Safety C01

02 Legislated C02

State of Good Repair C03 03

04 Service Improvement and Enhancement C04

05 06 07 Growth Related C05

Reserved Category 1 C06 Reserved Category 2 C07

### Appendix 4

2016 Cash Flow and Future Year Commitments

Report Phase 5 - Program 20 Toronto Transit Commission Program Phase 5 Part B Sub-Project Status S2 Part C Sub-Project Status S2, S3, S4, S5 Sub-Project Category 01, 02, 03, 04, 05, 06, 07 User Fields ALL

#### **CITY OF TORONTO**

Gross Expenditures (\$000's) Appendix 4: 2016 Council Approved Cash Flow and Future Year Commitments

						Curr	ent and Fu	uture Year	Cash Flo	w Commitn	nents			Cu	rrent and Fu	uture Year Cash	Flow Co	mmitmer	ts Fina	anced E	Зу		
	oject No. <u>Project Name</u> bProj No. Sub-project Name	Ward	Stat.	Cat.	2016	2017	2018	2019	2020	Total 2016-2020	Total 2021-2025	Total 2016-2025	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Rese Reserves Fund	Capi rve fror ds Curre		r1 Ot	ther2	Debt - Recovera Debt		Total
TTC000110	Subway Track																						
1 1	Subway Track - SOGR	CW	S2	03	26,978	15,984	0	0	0	42,962	0	42,962	0	8,358	3 0	0	0	0	0	0	34,604	0	42,962
05	Subway Track Improvement	CW	S2	04	1,097	0	0	0	0	1,097	0	1,097	0	0	) 0	0	0	0	0	0	1,097	0	1,097
06	Subway Track Improvement	CW	S3	04	593	322	59	0	0	974	0	974	0	0	) 0	0	0	0	0	0	974	0	974
17	Subway Track - SOGR	CW	S5	03	0	26,624	0	0	0	26,624	0	26,624	0	0	0 0	17,961	0	0	0	0	8,663	0	26,624
	Sub-total				28,668	42,930	59	0	0	71,657	0	71,657	0	8,358	8 0	17,961	0	0	0	0	45,338	0	71,657
TTC000120	Surface Track																						
1 1	Surface Track - SOGR	CW	S2	03	30,927	26,658	0	0	0	57,585	0	57,585	0	0	) 0	0	0	0	0	0	57,585	0	57,585
03	Surface Track Improvement	CW	S2	04	2,007	0	0	0	0	2,007	0	2,007	0	0	) 0	0	0	0	0	0	2,007	0	2,007
17	Surface Track - SOGR	CW	S5	03	0	35,059	0	0	0	35,059	0	35,059		0		0	0	0	0		35,059	0	35,059
	Sub-total				32,934	61,717	0	0	0	94,651	0	94,651	0	0	0 0	0	0	0	0	0	94,651	0	94,651
TTC000210	Traction Power - Various																						
1 1	Traction Power - SOGR	CW	S2	03	25,025	5,290	0	0	0	30,315	0	30,315	0	0	) 0	21,320	0	0	0	0	8,995	0	30,315
16	Traction Power - SOGR	CW	S5	03	0	16,678	1,759	0	0	18,437	0	18,437	0	0	) 0	14,104	0	0	0	0	4,333	0	18,437
	Sub-total				25,025	21,968	1,759	0	0	48,752	0	48,752	0	0	0 0	35,424	0	0	0	0	13,328	0	48,752
TTC000220	Power Dist./Electric Systems - Various																						
1 1	Power Dist./Electric Systems - SOGR	CW	S2	03	7,514	9,792	1,453	0	0	18,759	0	18,759	16,327	0	) 0	0	0	0	0	0	2,432	0	18,759
03	Power Dist/Electric Systems - Improvement	CW	S2	04	201	0	0	0	0	201	0	201	0	0	) 0	0	0	201	0	0	0	0	201
15	Power Dist./Electric Systems - SOGR	CW	S5	03	0	0	6,752	0	0	6,752	0	6,752	6,752	0	0 0	0	0	0	0	0	0	0	6,752
06	Power Dist./Electric Systems - Improvemen	t CW	S5	04	0	201	0	0	0		0	201	0			0	0	0	0	0	201	0	201
	Sub-total				7,715	9,993	8,205	0	0	25,913	0	25,913	23,079	0	0 0	0	0	201	0	0	2,633	0	25,913
TTC000230	Communications - Various																					T	
1 1	Communications - SOGR	CW	S2	03	23,889	20,192	16,641	16,787	5,748	83,257	0	83,257	43,089	0	0 0	0	0	0	0	0	40,168	0	83,257
1 3	Communications - Legislated	CW	S2	02	3,604	2,253	729	0	0	6,586	0	6,586	0	0	) 0	0	0	0	0	0	6,586	0	6,586
05	Communication -Improvement	CW	S2	04	269	0	0	0	0	269	0	269	0	0	) 0	0	0	0	0	0	269	0	269

Report Phase 5 - Program 20 Toronto Transit Commission Program Phase 5 Part B Sub-Project Status S2 Part C Sub-Project Status S2, S3, S4, S5 Sub-Project Category 01, 02, 03, 04, 05, 06, 07 User Fields ALL

### **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 4: 2016 Council Approved Cash Flow and Future Year Commitments

					Curre	ent and Fu	ture Year	Cash Flo	w Commitn	nents			Cu	rent and F	uture Year	Cash Flo	w Comm	itments	Financed	I By	
	ject No. <u>Project Name</u> Proj No. Sub-project Name	Ward Stat	Cat	2016	2017	2018	2019	2020	Total	Total 2021-2025	Total	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoveral Debt	ole Total Financing
TTC000230	Communications - Various			2010	2011	2010	2010	2020	2010 2020		2010 2020	Subsidies	ousoidy					outor i	011012	2001	Tindnoing
1 11	Communications - SOGR	CW S3	03	-3,352	-1,356	-1,155	-2,199	0	-8,062	0	-8,062	0	0	0	0	0	0		0 0	-8,062	0 -8,062
	Sub-total			24,410	21,089	16,215	14,588	5,748	82,050	0	82,050	43,089	0	0	0	0	0	l	0 0	38,961	0 82,050
TTC000240	Signal Systems - Various																				
1 1	Signal Systems - SOGR	CW S2	03	13,031	23,224	22,794	14,065	0	73,114	0	73,114	0	0	0	43,060	0	0		0 0	30,054	0 73,114
14	Signal Systems - SOGR	CW S5	03	4,813	0	0	0	0	4,813	0	4,813	0	0	0	4,813	0	0		0 0	0	0 4,813
	Sub-total			17,844	23,224	22,794	14,065	0	77,927	0	77,927	0	0	0	47,873	0	0	l	0 (	30,054	0 77,927
TTC000310	Finishes - Various																				
1 1	Finishes - SOGR	CW S2	03	6,292	19,514	14,714	4,860	0	45,380	0	45,380	3,021	0	0	0	0	0		0 0	42,359	0 45,380
03	Finishes - Improvement	CW S2	04	55	159	0	0	0	214	0	214	0	0	0	0	0	0		0 0	214	0 214
15	Finishes - SOGR	CW S5	03	8,333	0	0	500	0	8,833	0	8,833	0	5,872	0	0	0	0		0 0	2,961	0 8,833
	Sub-total			14,680	19,673	14,714	5,360	0	54,427	0	54,427	3,021	5,872	0	0	0	0	I	0 (	45,534	0 54,427
TTC000320	Equipment - Various																				
1 1	Equipment - SOGR	CW S2	03	27,938	39,338	28,032	25,213	16,034	136,555	6,600	143,155	0	18,922	0	61,501	0	0		0 0	62,732	0 143,155
1 3	Equipment - Legislated	CW S2	02	3,330	2,646	2,200	448	606	9,230	967	10,197	0	967	0	0	0	0		0 0	9,230	0 10,197
26	Equipment - Legislated	CW S3	02	360	402	0	0	0	762	0	762	0	0	0	0	0	0		0 0	762	0 762
18	Equipment -SOGRS	CW S5	03	0	6,118	5,228	0	2,550	13,896	0	13,896	0	0	0	587	0	0		0 0	13,309	0 13,896
	Sub-total			31,628	48,504	35,460	25,661	19,190	160,443	7,567	168,010	0	19,889	0	62,088	0	0		0 (	86,033	0 168,010
TTC000330	Yards and Roads - Various																				
1 1	Yards and Roads - Legislated	CW S2	02	4,110	7,000	10,765	11,324	11,445	44,644	0	44,644	4,000	0	0	19,665	0	0		0 0	20,979	0 44,644
0 4	Yards and Roads Expansion	CW S2	05	0	982	0	0	0	982	0	982	0	0	0	977	0	0		0 0	5	0 982
0 7	Yards and Roads - Expansion	CW S3	05	0	51	0	0	0	51	0	51	0	0	0	51	0	0		0 0	0	0 51
	Sub-total			4,110	8,033	10,765	11,324	11,445	45,677	0	45,677	4,000	0	0	20,693	0	0	I	0 0	20,984	0 45,677
TTC000333	On-Grade Paving Rehabilitation																				
1 1	On-Grade Paving Rehabilitation - SOGR	CW S2	03	8,802	11,348	13,354	1,794	0	35,298	0	35,298	12,000	0	0	0	0	0		0 0	23,298	0 35,298
	Sub-total			8,802	11,348	13,354	1,794	0	35,298	0	35,298	12,000	0	0	0	0	0		0 (	23,298	0 35,298
<u>TTC000340</u>	Bridges and Tunnels - Various																				

Report Phase 5 - Program 20 Toronto Transit Commission Program Phase 5 Part B Sub-Project Status S2 Part C Sub-Project Status S2, S3, S4, S5 Sub-Project Category 01, 02, 03, 04, 05, 06, 07 User Fields ALL

#### **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 4: 2016 Council Approved Cash Flow and Future Year Commitments

						Curre	ent and Fu	uture Year	Cash Flo	w Commitn	nents			Cur	rent and Fu	uture Year C	Cash Flov	w Commi	itments	Finance	d By		
	roject No. <u>Project Name</u> ubProj No. Sub-project Name	Ward	Stat.	. Cat.	2016	2017	2018	2019	2020	Total 2016-2020	Total 2021-2025	Total 2016-2025	Provincial Grants and Subsidies	Federal [ Subsidy	Development Charges	R Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Deb Recove Debt		Total Financing
TTC00034	0 Bridges and Tunnels - Various																						
1 1	Bridges and Tunnels - SOGR	CW	S2	03	50,472	37,304	0	0	0	87,776	0	87,776	0	0	0	58,047	0	0		0 0	0 29,729	0	87,776
14	Bridges and Tunnels - SOGR	CW	S5	03	0	17,363	14,120	0	0	31,483	0	31,483	0	0	0	31,483	0	0		0 (	0 0	0	31,483
	Sub-total				50,472	54,667	14,120	0	0	119,259	0	119,259	0	0	0	89,530	0	0		D	0 29,729	0	119,259
TTC00037	7 Queensway Bus Garage Renovations																						
13	Queensway Bus Garage Renovations - SOGR	CW	S2	03	495	0	0	0	0	495	0	495	0	0	0	0	0	495		0 0	0 0	0	495
	Sub-total				495	0	0	0	0	495	0	495	0	0	0	0	0	495		0	0 0	0	495
TTC00037	9 Fire Ventilation Upgrade																						
1 1	Fire Ventilation Upgrade - SOGR	CW	S2	03	23,687	22,947	40,659	37,499	0	124,792	0	124,792	15,636	0	0	11,413	0	0		0 (	0 97,743	0	124,792
03	Fire Ventilation Upgrade	CW	S3	03	0	0	0	-10,488	0	-10,488	0	-10,488	0	0	0	0	0	0		0 0	0 -10,488	0	-10,488
	Sub-total				23,687	22,947	40,659	27,011	0	114,304	0	114,304	15,636	0	0	11,413	0	0		0	0 87,255	0	114,304
TTC00038	3 Easier Access Phase II & III																						
1 1	Easier Access Phase III - Legislated	CW	S2	02	35,000	52,044	54,904	55,482	41,417	238,847	2,891	241,738	0	22,238	0	0	0	0		0 0	0 219,500	0	241,738
14	Easier Access Phase III - Legislated	CW	S3	02	0	0	0	0	0	0	187,217	187,217	66,163	109,062	0	0	0	0		0 0	0 11,992	0	187,217
	Sub-total				35,000	52,044	54,904	55,482	41,417	238,847	190,108	428,955	66,163	131,300	0	0	0	0		0	0 231,492	0	428,955
TTC00039	0 Other Bldgs & Structures Projects																						
1 1	Other Buildings & Structures Projects - SOGRS	CW	S2	03	31,786	68,067	67,093	61,696	51,270	279,912	15,334	295,246	57,946	38,509	0	47,086	0	0		0 (	0 151,705	0	295,246
34	Other bldgs & structures projects - Expansion	CW	S2	05	1,467	0	0	0	0	1,467	0	1,467	0	0	0	0	0	0		0 0	0 1,467	0	1,467
15	Other Buildings and Structures - Legislate	d CW	S2	02	1,624	1,811	2,831	2,897	1,879	11,042	12,990	24,032	5,431	1,407	0	0	0	0		0 (	0 17,194	0	24,032
0 16	Other Building & Structures - Expansion Scope Cha	CW	S3	05	13	987	0	0	0	1,000	0	1,000	0	0	0	0	0	0		0 (	0 1,000	0	1,000
0 17	Other Bldgs-Structures - SOGR	CW	S5	03	0	12,246	9,648	0	0	21,894	21,378	43,272	9,396	6,579	0	2,950	0	0		0 0	0 24,347	0	43,272
0 18	Other Bldgs_Structure Projects-Legislated	d CW	S3	02	574	0	735	665	679	2,653	0	2,653	0	0	0	0	0	0		0 (	0 2,653	0	2,653
0 20	Other Buildings & Structure - Improvemen	t CW	S2	04	8,003	12,568	1,340	496	559	22,966	2,159	25,125	720	0	0	0	0	0		0 (	0 24,405	0	25,125
	Sub-total				43,467	95,679	81,647	65,754	54,387	340,934	51,861	392,795	73,493	46,495	0	50,036	0	0		0	0 222,771	0	392,795
TTC00041	4 Replace 40' Diesel Buses or Equivalent																						
1 1	Replace 40 Diesel Buses or Equivalent - SOGR	CW	S2	03	64,508	73,400	60,600	69,472	4,449	272,429	305,528	577,957	0	195,104	102,522	0	0	0		D (	0 280,331	0	577,957

Report Phase 5 - Program 20 Toronto Transit Commission Program Phase 5 Part B Sub-Project Status S2 Part C Sub-Project Status S2, S3, S4, S5 Sub-Project Category 01, 02, 03, 04, 05, 06, 07 User Fields ALL

### **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 4: 2016 Council Approved Cash Flow and Future Year Commitments

													-									
						Curre	ent and Fu	uture Year	Cash Flo	w Commitn	nents			Cur	rent and Fu	uture Year Cash F	low Comn	nitments	Financed	Ву		
	roject No. <u>Project Name</u> ubProj No. Sub-project Name	Ward	Stat.	Cat.	2016	2017	2018	2019	2020	Total 2016-2020	Total 2021-2025	Total 2016-2025	Provincial Grants and Subsidies	Federal [ Subsidy	Development Charges	Reserve Reserves Funds	Capital e from Current	Other 1	Other2	Reco	ebt - verable	Total Financing
TTC00041	4 Replace 40' Diesel Buses or Equivalent																					
06	Purchase 40 Diesel Buses or Equivalent - SI	CW	S2	04	11,084	0	0	0	0	11,084	0	11,084	0	11,084	0	0	0	0	0 0	0	0	11,084
0 7	Purchase 380 of 40ft Diesel Buses SOGR	CW	S3	03	0	0	0	0	0	0	-144,074	-144,074	0	0	0	0	0	0	0 0-	44,074	0	-144,074
09	Purchase of 40ft Buses - Improvements	CW	<b>S</b> 3	04	2,988	0	0	0	0	2,988	0	2,988	0	2,988	0	0	0	0	0 0	0	0	2,988
	Sub-total				78,580	73,400	60,600	69,472	4,449	286,501	161,454	447,955	0	209,176	102,522	0	0	0	0 0	136,257	0	447,955
TTC00042	1 Subway Car Purchases																					
1 1	Subway Car Purchases - SOGR	CW	S2	03	24,236	14,122	4,076	0	0	42,434	0	42,434	0	17,845	0	0	0	0	0 0	24,589	0	42,434
03	Subway Car Purchases - SOGR	CW	S3	03	0	-5,000	0	0	0	-5,000	0	-5,000	0	0	0	0	0	0	0 0	-5,000	0	-5,000
	Sub-total				24,236	9,122	4,076	0	0	37,434	0	37,434	0	17,845	0	0	0	0	0 0	19,589	0	37,434
TTC00043	2 Bus Heavy Rebuild Program - Overhaul																					
1 1	Bus Heavy Rebuild Program, Overhaul - SOGR	CW	S2	03	69,229	5,249	0	0	0	74,478	0	74,478	70,431	0	0	2,384	0	0	0 0	1,663	0	74,478
15	Bus Heavy Rebuild Program - Overhaul SOGR	CW	S5	03	0	60,013	29,540	0	0	89,553	0	89,553	65,999	23,554	0	0	0	0	0 0	0	0	89,553
06	Bus Heavy Rebuild Prog. Overhaul - Legislated	CW	S2	02	5,026	335	350	0	0	5,711	0	5,711	685	0	0	3,860	0	0	0 0	1,166	0	5,711
07	Bus Heavy Rebuild/Overhaul-Legislated	CW	S3	02	1,715	0	0	0	0	1,715	0	1,715	0	0	0	1,663	0	0	0 0	52	0	1,715
	Sub-total				75,970	65,597	29,890	0	0	171,457	0	171,457	137,115	23,554	0	7,907	0	0	0 0	2,881	0	171,457
TTC00045	0 Streetcar Overhaul Program																					
1 1	Streetcar Overhaul Program - SOGR	CW	S2	03	9,772	8,614	0	0	633	19,019	14,172	33,191	5,908	6,546	0	0	0	0	0 0	20,737	0	33,191
13	Streetcar Overhaul Program - SOGR Scop Change	be CW	S3	03	0	0	0	0	0	0	16,696	16,696	0	16,696	0	0	0	0	0 0	0	0	16,696
0 4	Streetcar Overhaul Program - Legislated	CW	S2	02	410	410	0	0	0	820	0	820	0	0	0	0	0	0	0 0	820	0	820
06	Streetcar Overhaul Program - Legislated	CW	S4	02	0	0	410	410	410	1,230	7,303	8,533	6,893	0	0	0	0	0	0 0	1,640	0	8,533
	Sub-total				10,182	9,024	410	410	1,043	21,069	38,171	59,240	12,801	23,242	0	0	0 0	0	0 0	23,197	0	59,240
TTC00046	0 Subway Car Overhaul Program																					
1 1	Subway Car Overhaul Program - SOGR	CW	S2	03	30,755	34,627	17,388	17,463	17,085	117,318	56,201	173,519	27,818	26,359	0	51,736	0	0	0 0	67,606	0	173,519
14	Subway Car Overhaul Program - SOGR Scope Change	CW	S3	03	37,402	13,415	1,614	657	800	53,888	31,175	85,063	4,913	26,253	0	27,480	0	0	0 0	26,417	0	85,063
	Sub-total				68,157	48,042	19,002	18,120	17,885	171,206	87,376	258,582	32,731	52,612	0	79,216	0 0	0	0 0	94,023	0	258,582
TTC00047	0 Automotive Non-Revenue Vehicles																					
1																						

Report Phase 5 - Program 20 Toronto Transit Commission Program Phase 5 Part B Sub-Project Status S2 Part C Sub-Project Status S2, S3, S4, S5 Sub-Project Category 01, 02, 03, 04, 05, 06, 07 User Fields ALL

### **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 4: 2016 Council Approved Cash Flow and Future Year Commitments

|   |  
   
   |  |  | Curre  | ent and Fu   
   
   | ture Year   
   
  | Cash Flo   
   
   | w Commitn  | nents  |   |   
  | Curr   
   | ent and Fu   | ture Year Cash   | Flow (  | Commi  | tments Fir   
  | nanced E   | sy.                                       |  |
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   | Total  | Total  | Total   | Provincial<br>Grants and  
  | Federal D  
   | evelopment   | Reserv   | Ca<br>ve f  | rom  |  
  |  |   | TOtal  |
|   | rd Stat  
   
   | t. Cat.  | 2016   | 2017   | 2018   
   
   | 2019  
   
  | 2020   
   
   | 2016-2020  | 2021-2025  | 2016-2025   | Subsidies   
  | Subsidy  
   | Charges  | Reserves Funds   | s Cu  | irrent   | Other 1 C  
  | Other2   | Debt                                      | Financing  |
| Automotive Non-Revenue Vehicles                         |  
   
   |  |  |  |  
   
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   |  |  |   |   
  |  
   |  |  |   |  |  
  |  |   |  |
| Automotive Non-Revenue Vehicles - SOGR C                | W S2   
   
   | 03   | 4,380  | 3,465  | 0  
   
   | 0   
   
  | 0  
   
   | 7,845  | 0  | 7,845   | 0   
  | 0  
   | 0  | 0  | 0   | 0  | 7,845  
  | 0  | 0   | 0 7,845  |
| Automotive Non-Revenue Vehicles - SOGR C                | W S5   
   
   | 03   | 4,948  | 0  | 0  
   
   | 0   
   
  | 0  
   
   | 4,948  | 0  | 4,948   | 0   
  | 0  
   | 0  | 0  | 0   | 3,481  | 1,467  
  | 0  | 0   | 0 4,948  |
| Sub-total   |  
   
   |  | 9,328  | 3,465  | 0  
   
   | 0   
   
  | 0  
   
   | 12,793   | 0  | 12,793  | 0   
  | 0  
   | 0  | 0  | 0   | 3,481  | 9,312  
  | 0  | 0   | 0 12,793   |
| Rail Non-Revenue Vehicle Overhaul                       |  
   
   |  |  |  |  
   
   |   
   
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   |  |  |   |   
  |  
   |  |  |   |  |  
  |  |   |  |
| Rail Non-Revenue Vehicle Overhaul - SOGR C              | W S2   
   
   | 03   | 1,061  | 2,050  | 2,075  
   
   | 1,765   
   
  | 1,783  
   
   | 8,734  | 3,865  | 12,599  | 0   
  | 0  
   | 0  | 0  | 0   | 597  | 0  
  | 0  | 12,002                                    | 0 12,599   |
| Rail Non-Revenue Vehicle Overhaul - SOGR C<br>Scope Cha | W S3   
   
   | 03   | 458  | 0  | 0  
   
   | 0   
   
  | 0  
   
   | 458  | 0  | 458   | 0   
  | 0  
   | 0  | 0  | 0   | 458  | 0  
  | 0  | 0   | 0 458  |
| Sub-total   |  
   
   |  | 1,519  | 2,050  | 2,075  
   
   | 1,765   
   
  | 1,783  
   
   | 9,192  | 3,865  | 13,057  | 0   
  | 0  
   | 0  | 0  | 0   | 1,055  | 0  
  | 0  | 12,002                                    | 0 13,057   |
| Tools and Shop Equipment                                |  
   
   |  |  |  |  
   
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  |  
   |  |  |   |  |  
  |  |   |  |
| Tools and Shop Equipment - SOGR C                       | SW S2  
   
   | 03   | 5,628  | 893  | 0  
   
   | 0   
   
  | 0  
   
   | 6,521  | 0  | 6,521   | o   
  | 0  
   | 0  | 0  | 0   | 4,444  | 1,785  
  | 0  | 292                                       | 0 6,521  |
| Tools and Shop Equipment - SOGR C                       | W S5   
   
   | 03   | 4,960  | 3,382  | 5,067  
   
   | 0   
   
  | 0  
   
   | 13,409   | 0  | 13,409  | 0   
  | 0  
   | 0  | 0  | 0   | 0  | 13,409   
  | 0  | 0   | 0 13,409   |
| Sub-total   |  
   
   |  | 10,588   | 4,275  | 5,067  
   
   | 0   
   
  | 0  
   
   | 19,930   | 0  | 19,930  | 0   
  | 0  
   | 0  | 0  | 0   | 4,444  | 15,194   
  | 0  | 292                                       | 0 19,930   |
| Fare Handling Equipment                                 |  
   
   |  |  |  |  
   
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   |  |  |   |  |  
  |  |   |  |
| Fare Handling Equipment - SOGR C                        | W S2   
   
   | 03   | 5,370  | 0  | 0  
   
   | 0   
   
  | 0  
   
   | 5,370  | 0  | 5,370   | o   
  | 0  
   | 0  | 0  | 0   | 3,472  | 0  
  | 0  | 1,898                                     | 0 5,370  |
| Fare Handling Equipment - Expansion S3 C                | SW S3  
   
   | 05   | 260  | 0  | 0  
   
   | 0   
   
  | 0  
   
   | 260  | 0  | 260   | 0   
  | 0  
   | 0  | 0  | 0   | 260  | 0  
  | 0  | 0   | 0 260  |
| Fare Handling Equipment - SOGR C                        | W S5   
   
   | 03   | 30,505   | 7,675  | 0  
   
   | 0   
   
  | 0  
   
   | 38,180   | 0  | 38,180  | 2,900   
  | 0  
   | 0  | 0  | 0   | 0  | 3,231  
  | 0  | 32,049                                    | 0 38,180   |
| Fare Handling Equipment - Expansion C                   | SW S2  
   
   | 05   | 800  | 0  | 0  
   
   | 0   
   
  | 0  
   
   | 800  | 0  | 800   | 0   
  | 0  
   | 0  | 0  | 0   | 0  | 0  
  | 0  | 800                                       | 0 800  |
| Sub-total   |  
   
   |  | 36,935   | 7,675  | 0  
   
   | 0   
   
  | 0  
   
   | 44,610   | 0  | 44,610  | 2,900   
  | 0  
   | 0  | 0  | 0   | 3,732  | 3,231  
  | 0  | 34,747                                    | 0 44,610   |
| Other Maintenance Equipment                             |  
   
   |  |  |  |  
   
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   |  |  |   |   
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   |  |  |   |  |  
  |  |   |  |
| Other Maintenance Equipment - SOGR S2 C                 | W S2   
   
   | 03   | 6,698  | 1,226  | 0  
   
   | 0   
   
  | 0  
   
   | 7,924  | 0  | 7,924   | 0   
  | 0  
   | 0  | 0  | 0   | 0  | 2,479  
  | 0  | 5,445                                     | 0 7,924  |
| Other Maintenance Equipment - SOGR S5 C                 | W S5   
   
   | 03   | 902  | 50   | 0  
   
   | 0   
   
  | 0  
   
   | 952  | 0  | 952   | 0   
  | 0  
   | 0  | 0  | 0   | 0  | 0  
  | 0  | 952                                       | 0 952  |
| Sub-total   |  
   
   |  | 7,600  | 1,276  | 0  
   
   | 0   
   
  | 0  
   
   | 8,876  | 0  | 8,876   | 0   
  | 0  
   | 0  | 0  | 0   | 0  | 2,479  
  | 0  | 6,397                                     | 0 8,876  |
| Environmental Programs                                  |  
   
   |  |  |  |  
   
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   |  |  |   |   
  |  
   |  |  |   |  |  
  |  |   |  |
| Environmental Programs - Legislated C                   | SW S2  
   
   | 02   | 10,337   | 11,773   | 15,620   
   
   | 4,741   
   
  | 0  
   
   | 42,471   | 0  | 42,471  | 0   
  | 0  
   | 0  | 0  | 0   | 0  | 0  
  | 0  | 42,471                                    | 0 42,471   |
| Environmental Programs - Legislated C                   | W S5   
   
   | 02   | 0  | 0  | 0  
   
   | 3,707   
   
  | 1,459  
   
   | 5,166  | 0  | 5,166   | 0   
  | 0  
   | 0  | 0  | 0   | 0  | 0  
  | 0  | 5,166                                     | 0 5,166  |
| Sub-total   |  
   
   |  | 10,337   | 11,773   | 15,620   
   
   | 8,448   
   
  | 1,459  
   
   | 47,637   | 0  | 47,637  | 0   
  | 0  
   | 0  | 0  | 0   | 0  | 0  
  | 0  | 47,637                                    | 0 47,637   |
| Information Technology System-Infrastructure            |  
   
   |  |  |  |  
   
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|   | bProj No.       Sub-project Name       Wata         Automotive Non-Revenue Vehicles       Automotive Non-Revenue Vehicles - SOGR       C         Automotive Non-Revenue Vehicles - SOGR       C         Sub-total       Sub-total         Rail Non-Revenue Vehicle Overhaul       SOGR       C         Rail Non-Revenue Vehicle Overhaul       SOGR       C         Sub-total       Sub-total       C         Tools and Shop Equipment       SOGR       C         Tools and Shop Equipment - SOGR       C       C         Sub-total       Sub-total       C         Fare Handling Equipment       SOGR       C         Fare Handling Equipment       SOGR       C         Fare Handling Equipment - SOGR       C       C         Guther Maintenance Equipment - SOGR S2       C       C         Other Maintenance Equipment - SOGR S2       C       C         Sub-total       Sub-total       C       C         Sub-total       Sub-total       C       C         Other Maintenance Equipment - SOGR S2 <td>bProj No.       Sub-project Name       Ward       Stat         Automotive Non-Revenue Vehicles       SOGR       CW       S2         Automotive Non-Revenue Vehicles - SOGR       CW       S2         Automotive Non-Revenue Vehicles - SOGR       CW       S2         Sub-total       Sub-total       CW       S2         Rail Non-Revenue Vehicle Overhaul - SOGR       CW       S2         Scope Cha       Sub-total       CW       S2         Tools and Shop Equipment       SOGR       CW       S2         Tools and Shop Equipment - SOGR       CW       S2         Sub-total       Sub-total       Sub-total       S2         Fare Handling Equipment - SOGR       CW       S2         Sub-total       S2       S2         Gther Maintenance Equipment - SOGR       CW       S2         Sub-total       S2       S2         Sub-total       S2       S2         Other Maintenance Equipment - SOGR S2       CW       S2         Sub-total       S2       S2</td> <td>bProj No.       Sub-project Name       Ward       Stat.       Cat.         Automotive Non-Revenue Vehicles - SOGR       CW       S2       03         Automotive Non-Revenue Vehicles - SOGR       CW       S2       03         Sub-total       CW       S2       03         Rail Non-Revenue Vehicle Overhaul       SOGR       CW       S2       03         Rail Non-Revenue Vehicle Overhaul - SOGR       CW       S2       03         Scope Cha       Sub-total       CW       S2       03         Tools and Shop Equipment       SOGR       CW       S2       03         Sub-total       CW       S2       03         Fare Handling Equipment - SOGR       CW       S2       03         Fare Handling Equipment - SOGR       CW       S2       03         Fare Handling Equipment - SOGR       CW       S2       03         Fare Handling Equipment - Expansion S3       CW       S2       03         Fare Handling Equipment - SOGR       CW       S2       03         Guther Maintenance Equipment - Expansion       CW       S2       03         Guther Maintenance Equipment - SOGR S2       CW       S2       03         Other Maintenance Equipment - SOGR S2</td> <td>bProj No.         Sub-project Name         Ward Stat. Cat.         2016           Automotive Non-Revenue Vehicles         SQR         CW         S2         03         4,380           Automotive Non-Revenue Vehicles - SOGR         CW         S2         03         4,380           Automotive Non-Revenue Vehicles - SOGR         CW         S5         03         4,380           Sub-total         9,328         9,328         9,328           Rail Non-Revenue Vehicle Overhaul         SQR         CW         S2         03         1,061           Rail Non-Revenue Vehicle Overhaul - SOGR         CW         S2         03         458           Scope Cha         Sub-total         1,519         1,519           Tools and Shop Equipment         SOGR         CW         S2         03         4,960           Sub-total         CW         S2         03         4,960         10,588           Fare Handling Equipment - SOGR         CW         S2         03         5,528           Tools and Shop Equipment - SOGR         CW         S2         03         5,370           Fare Handling Equipment - SOGR         CW         S2         03         30,505           Fare Handling Equipment - SOGR         CW</td> <td>Direct No.         Project Name         Ward Stat. Cat.         2016         2017           Automotive Non-Revenue Vehicles         Automotive Non-Revenue Vehicles - SOGR         CW         S2         03         4,380         3,465           Automotive Non-Revenue Vehicles - SOGR         CW         S2         03         4,948         0           Sub-total         9,328         3,465         9,328         3,465           Rail Non-Revenue Vehicle Overhaul - SOGR         CW         S2         03         1,061         2,050           Rail Non-Revenue Vehicle Overhaul - SOGR         CW         S2         03         4,58         0           Sob-total         1,519         2,050         1,519         2,050           Tools and Shop Equipment - SOGR         CW         S2         03         4,960         3,382           Sub-total         1,519         2,050         10,588         4,275           Fare Handling Equipment - SOGR         CW         S2         03         5,628         893           Tools and Shop Equipment - SOGR         CW         S2         03         5,628         893           Tools and Shop Equipment - SOGR         CW         S2         03         5,570         0           <td< td=""><td>Diect No.         Project Name         Ward         Stat.         Cat.         2016         2017         2018           Automotive Non-Revenue Vehicles - SOGR         CW         S2         03         4,380         3,465         0           Automotive Non-Revenue Vehicles - SOGR         CW         S2         03         4,380         3,465         0           Automotive Non-Revenue Vehicles - SOGR         CW         S2         03         4,380         3,465         0           Rail Non-Revenue Vehicle Overhaul         Sub-total         9,328         3,465         0         0           Rail Non-Revenue Vehicle Overhaul - SOGR         CW         S2         03         1,061         2,050         2,075           Rail Non-Revenue Vehicle Overhaul - SOGR         CW         S2         03         4,568         0         0           Sub-total         V         S2         03         5,628         893         0         0           Tools and Shop Equipment - SOGR         CW         S2         03         4,960         3,382         5,067           Eare Handling Equipment - SOGR         CW         S2         03         5,370         0         0           Fare Handling Equipment - Expansion         SU<!--</td--><td>Project Name         Ward         Stat.         Cat.         2016         2017         2018         2019           Automotive Non-Revenue Vehicles         Automotive Non-Revenue Vehicles - SOGR         CW         S2         03         4.340         3.465         0         0           Automotive Non-Revenue Vehicles - SOGR         CW         S5         03         4.948         0         0         0           Bail Non-Revenue Vehicle Overhaul         F         9,328         3.465         0         0         0           Rail Non-Revenue Vehicle Overhaul - SOGR         CW         S2         03         1.061         2.050         2.075         1.765           Rail Non-Revenue Vehicle Overhaul - SOGR         CW         S2         03         458         0         0         0           Scope Cha         Sub-total         T         1.519         2.050         2.075         1.765           Tools and Shop Equipment - SOGR         CW         S5         03         4.960         3.882         5.067         0           Fare Handling Equipment - SOGR         CW         S5         03         4.960         3.862         5.067         0         0           Fare Handling Equipment - SOGR         CW         <t< td=""><td>Deproject Name         Ward Stat. Cat.         2016         2017         2018         2019         2020           Automotive Non-Revenue Vehicles - SOGR         CW         S2         03         4,380         3,465         0         0         0           Automotive Non-Revenue Vehicles - SOGR         CW         S5         03         4,948         0         0.0         0           Rail Non-Revenue Vehicle Overhaul         Sub-total         9,328         3,465         0         0         0         0           Rail Non-Revenue Vehicle Overhaul         SOGR         CW         S2         03         458         0         0         0         0         0           Stab-total         1,611         2,050         2,075         1,765         1,783           Tools and Shop Equipment - SOGR         CW         S2         03         5,628         893         0         0         0           Sub-total         10,518         4,275         5,067         0</td><td>Diect No.         Project Name         Ward Stat. Cat         2016         2017         2018         2019         2020         2018           Automotive Non-Revenue Vehicles - SOGR         CW         S2         03         4.380         3.465         0         0         0         7.845           Automotive Non-Revenue Vehicles - SOGR         CW         S2         03         4.380         3.465         0         0         0         4.948           Sub-total         9.328         3.465         0         0         0         12.738           Rail Non-Revenue Vehicle Overhaul         SOGR         CW         S2         03         1.061         2.050         2.075         1.765         1.783         8.734           Rail Non-Revenue Vehicle Overhaul - SOGR         CW         S2         03         4.568         0         0         0         0         468           Sub-total        
1.051         2.050         2.075         1.765         1.783         9.192           Tools and Shop Equipment - SOGR         CW         S2         03         5.628         893         0         0         0         13.409           Sub-total         Tools and Shop Equipment - SOGR         CW         S2</td><td>Lose Trans         Lose Trans         Ward Stat. Cat         2016         2017         2018         2019         2020         2018-202         20219025           Automotive Non-Revenue Vehicles         Automotive Non-Revenue Vehicles - SOGR         CW         S5         03         4.380         3.465         0         0         0         4.948         0           Automotive Non-Revenue Vehicles - SOGR         CW         S5         03         4.948         0         0         0         4.948         0           Sub-total         Sub-total         S0GR         CW         S2         03         1.061         2.050         2.075         1.765         1.783         8.734         3.865           Rail Non-Revenue Vehicle Overhaul - SOGR         CW         S2         03         4.58         0         0         0         4.588         0         0         5.075         1.765         1.783         8.754         3.865           Rail Non-Revenue Vehicle Overhaul - SOGR         CW         S2         03         5.628         893         0         0         0         5.521         0           Tools and Shop Equipment - SOGR         CW         S2         03         5.628         893         0         0</td><td>Size No.         Project Name         Ward Stat. Cat.         2016         2017         2018         2019         2020         2016-202         2016-202         2016-202           Automotive Non-Revenue Vehicles         Automotive Non-Revenue Vehicles - SOGR         CW S2         03         4,380         3,465         0         0         0         4,948&lt;</td><td>International barbon         Varial State         Zotal         <thz< td=""><td>And Control         Project Name         Ward Stat. Cat.         2016         2017         2018         2019         2020         2016-2021         2014-2025         2014-2025         Product Prod</td><td>Jack Barl         Project Name         Ward Stat. Cat.         2016         2017         2018         2019         2020         Total         Total&lt;</td><td>Line in the interval want with the interval with the interval</td><td>bit No.         Project Name<br/>(Nor-Social All Sub-project Name)<br/>Automation Non-Revenue Vehicles<br/>Sub-project Name)         Wind Suit Cat.<br/>Sub-project Name<br/>(Non-Social Non-Revenue Vehicles<br/>Sub-project Name)         Wind Suit Cat.<br/>Sub-project Name)         Sub-project Name<br/>(Non-Social Non-Revenue Vehicles<br/>Sub-project Name)         Protect Name<br/>(Non-Social Non-Revenue Vehicles<br/>Sub-project Name)         Protect Name)         Protect Name<br/>(Non-Social Non-Revenue Vehicles<br/>Sub-project Name)         Protect Name<br/>(Non-Social Non-Revenue Vehicles<br/>Sub-project Name)         Protect Name<br/>(Non-Social Non-Revenue Vehicles<br/>Sub-project Name)         Protect Name)         Protect Name<br/>(Non-Social Non-Revenue Vehicles<br/>Sub-project Name)         Protect Name)         Prot</td><td>Date Color Lame         Product         Product</td><td>bit         Ordination         Name         Normal         State         Total         Total</td><td>bit into into into into into into into in</td><td>base besides in the Period Nume         Ward Start Cat         2017         2018         2019         2011<!--</td--></td></thz<></td></t<></td></td></td<></td> | bProj No.       Sub-project Name       Ward       Stat         Automotive Non-Revenue Vehicles       SOGR       CW       S2         Automotive Non-Revenue Vehicles - SOGR       CW       S2         Automotive Non-Revenue Vehicles - SOGR       CW       S2         Sub-total       Sub-total       CW       S2         Rail Non-Revenue Vehicle Overhaul - SOGR       CW       S2         Scope Cha       Sub-total       CW       S2         Tools and Shop Equipment       SOGR       CW       S2         Tools and Shop Equipment - SOGR       CW       S2         Sub-total       Sub-total       Sub-total       S2         Fare Handling Equipment - SOGR       CW       S2         Sub-total       S2       S2         Gther Maintenance Equipment - SOGR       CW       S2         Sub-total       S2       S2         Sub-total       S2       S2         Other Maintenance Equipment - SOGR S2       CW       S2         Sub-total       S2       S2 | bProj No.       Sub-project Name       Ward       Stat.       Cat.         Automotive Non-Revenue Vehicles - SOGR       CW       S2       03         Automotive Non-Revenue Vehicles - SOGR       CW       S2       03         Sub-total       CW       S2       03         Rail Non-Revenue Vehicle Overhaul       SOGR       CW       S2       03         Rail Non-Revenue Vehicle Overhaul - SOGR       CW       S2       03         Scope Cha       Sub-total       CW       S2       03         Tools and Shop Equipment       SOGR       CW       S2       03         Sub-total       CW       S2       03         Fare Handling Equipment - SOGR       CW       S2       03         Fare Handling Equipment - SOGR       CW       S2       03         Fare Handling Equipment - SOGR       CW       S2       03         Fare Handling Equipment - Expansion S3       CW       S2       03         Fare Handling Equipment - SOGR       CW       S2       03         Guther Maintenance Equipment - Expansion       CW       S2       03         Guther Maintenance Equipment - SOGR S2       CW       S2       03         Other Maintenance Equipment - SOGR S2 | bProj No.         Sub-project Name         Ward Stat. Cat.         2016           Automotive Non-Revenue Vehicles         SQR         CW         S2         03         4,380           Automotive Non-Revenue Vehicles - SOGR         CW         S2         03         4,380           Automotive Non-Revenue Vehicles - SOGR         CW         S5         03         4,380           Sub-total         9,328         9,328         9,328           Rail Non-Revenue Vehicle Overhaul         SQR         CW         S2         03         1,061           Rail Non-Revenue Vehicle Overhaul - SOGR         CW         S2         03         458           Scope Cha         Sub-total         1,519         1,519           Tools and Shop Equipment         SOGR         CW         S2         03         4,960           Sub-total         CW         S2         03         4,960         10,588           Fare Handling Equipment - SOGR         CW         S2         03         5,528           Tools and Shop Equipment - SOGR         CW         S2         03         5,370           Fare Handling Equipment - SOGR         CW         S2         03         30,505           Fare Handling Equipment - SOGR         CW | Direct No.         Project Name         Ward Stat. Cat.         2016         2017           Automotive Non-Revenue Vehicles         Automotive Non-Revenue Vehicles - SOGR         CW         S2         03         4,380         3,465           Automotive Non-Revenue Vehicles - SOGR         CW         S2         03         4,948         0           Sub-total         9,328         3,465         9,328         3,465           Rail Non-Revenue Vehicle Overhaul - SOGR         CW         S2         03         1,061         2,050           Rail Non-Revenue Vehicle Overhaul - SOGR         CW         S2         03         4,58         0           Sob-total         1,519         2,050         1,519         2,050           Tools and Shop Equipment - SOGR         CW         S2         03         4,960         3,382           Sub-total         1,519         2,050         10,588         4,275           Fare Handling Equipment - SOGR         CW         S2         03         5,628         893           Tools and Shop Equipment - SOGR         CW         S2         03         5,628         893           Tools and Shop Equipment - SOGR         CW         S2         03         5,570     
   0 <td< td=""><td>Diect No.         Project Name         Ward         Stat.         Cat.         2016         2017         2018           Automotive Non-Revenue Vehicles - SOGR         CW         S2         03         4,380         3,465         0           Automotive Non-Revenue Vehicles - SOGR         CW         S2         03         4,380         3,465         0           Automotive Non-Revenue Vehicles - SOGR         CW         S2         03         4,380         3,465         0           Rail Non-Revenue Vehicle Overhaul         Sub-total         9,328         3,465         0         0           Rail Non-Revenue Vehicle Overhaul - SOGR         CW         S2         03         1,061         2,050         2,075           Rail Non-Revenue Vehicle Overhaul - SOGR         CW         S2         03         4,568         0         0           Sub-total         V         S2         03         5,628         893         0         0           Tools and Shop Equipment - SOGR         CW         S2         03         4,960         3,382         5,067           Eare Handling Equipment - SOGR         CW         S2         03         5,370         0         0           Fare Handling Equipment - Expansion         SU<!--</td--><td>Project Name         Ward         Stat.         Cat.         2016         2017         2018         2019           Automotive Non-Revenue Vehicles         Automotive Non-Revenue Vehicles - SOGR         CW         S2         03         4.340         3.465         0         0           Automotive Non-Revenue Vehicles - SOGR         CW         S5         03         4.948         0         0         0           Bail Non-Revenue Vehicle Overhaul         F         9,328         3.465         0         0         0           Rail Non-Revenue Vehicle Overhaul - SOGR         CW         S2         03         1.061         2.050         2.075         1.765           Rail Non-Revenue Vehicle Overhaul - SOGR         CW         S2         03         458         0         0         0           Scope Cha         Sub-total         T         1.519         2.050         2.075         1.765           Tools and Shop Equipment - SOGR         CW         S5         03         4.960         3.882         5.067         0           Fare Handling Equipment - SOGR         CW         S5         03         4.960         3.862         5.067         0         0           Fare Handling Equipment - SOGR         CW         <t< td=""><td>Deproject Name         Ward Stat. Cat.         2016         2017         2018         2019         2020           Automotive Non-Revenue Vehicles - SOGR         CW         S2         03         4,380         3,465         0         0         0           Automotive Non-Revenue Vehicles - SOGR         CW         S5         03         4,948         0         0.0         0           Rail Non-Revenue Vehicle Overhaul         Sub-total         9,328         3,465         0         0         0         0           Rail Non-Revenue Vehicle Overhaul         SOGR         CW         S2         03         458         0         0         0         0         0           Stab-total         1,611         2,050         2,075         1,765         1,783           Tools and Shop Equipment - SOGR         CW         S2         03         5,628         893         0         0         0           Sub-total         10,518         4,275         5,067         0</td><td>Diect No.         Project Name         Ward Stat. Cat         2016         2017         2018         2019         2020         2018           Automotive Non-Revenue Vehicles - SOGR         CW         S2         03         4.380         3.465         0         0         0         7.845           Automotive Non-Revenue Vehicles - SOGR         CW         S2         03         4.380         3.465         0         0         0         4.948           Sub-total         9.328         3.465         0         0         0         12.738           Rail Non-Revenue Vehicle Overhaul         SOGR         CW         S2         03         1.061         2.050         2.075         1.765         1.783         8.734           Rail Non-Revenue Vehicle Overhaul - SOGR         CW         S2         03         4.568         0         0         0         0         468           Sub-total         1.051         2.050         2.075         1.765         1.783         9.192           Tools and Shop Equipment - SOGR         CW         S2         03         5.628         893         0         0         0         13.409           Sub-total         Tools and Shop Equipment - SOGR         CW         S2</td><td>Lose Trans         Lose Trans         Ward Stat. Cat         2016         2017         2018         2019         2020         2018-202         20219025           Automotive Non-Revenue Vehicles         Automotive Non-Revenue Vehicles - SOGR         CW         S5         03         4.380         3.465         0         0         0         4.948         0           Automotive Non-Revenue Vehicles - SOGR         CW         S5         03         4.948         0         0         0         4.948         0           Sub-total         Sub-total         S0GR         CW         S2         03         1.061         2.050         2.075         1.765         1.783         8.734         3.865           Rail Non-Revenue Vehicle Overhaul - SOGR         CW         S2         03         4.58         0         0         0         4.588         0         0         5.075         1.765         1.783         8.754         3.865           Rail Non-Revenue Vehicle Overhaul - SOGR         CW         S2         03         5.628         893         0         0         0         5.521         0           Tools and Shop Equipment - SOGR         CW         S2         03         5.628         893         0         0</td><td>Size No.         Project Name         Ward Stat. Cat.         2016         2017         2018         2019         2020         2016-202         2016-202         2016-202           Automotive Non-Revenue Vehicles         Automotive Non-Revenue Vehicles - SOGR         CW S2         03         4,380         3,465         0         0         0         4,948&lt;</td><td>International barbon         Varial State         Zotal         <thz< td=""><td>And Control         Project Name         Ward Stat. Cat.         2016         2017         2018         2019         2020         2016-2021         2014-2025         2014-2025         Product Prod</td><td>Jack Barl         Project Name         Ward Stat. Cat.         2016         2017         2018         2019         2020         Total         Total&lt;</td><td>Line in the interval want with the interval with the interval</td><td>bit No.         Project Name<br/>(Nor-Social All Sub-project Name)<br/>Automation Non-Revenue Vehicles<br/>Sub-project Name)         Wind Suit Cat.<br/>Sub-project Name<br/>(Non-Social Non-Revenue Vehicles<br/>Sub-project Name)         Wind Suit Cat.<br/>Sub-project Name)         Sub-project Name<br/>(Non-Social Non-Revenue Vehicles<br/>Sub-project Name)         Protect Name<br/>(Non-Social Non-Revenue Vehicles<br/>Sub-project Name)         Protect Name)         Protect Name<br/>(Non-Social Non-Revenue Vehicles<br/>Sub-project Name)         Protect Name<br/>(Non-Social Non-Revenue Vehicles<br/>Sub-project Name)         Protect Name<br/>(Non-Social Non-Revenue Vehicles<br/>Sub-project Name)         Protect Name)         Protect Name<br/>(Non-Social Non-Revenue Vehicles<br/>Sub-project Name)         Protect Name)         Prot</td><td>Date Color Lame         Product         Product</td><td>bit         Ordination         Name         Normal         State         Total         Total</td><td>bit into into into into into into into in</td><td>base besides in the Period Nume         Ward Start Cat         2017         2018         2019         2011   
     2011<!--</td--></td></thz<></td></t<></td></td></td<> | Diect No.         Project Name         Ward         Stat.         Cat.         2016         2017         2018           Automotive Non-Revenue Vehicles - SOGR         CW         S2         03         4,380         3,465         0           Automotive Non-Revenue Vehicles - SOGR         CW         S2         03         4,380         3,465         0           Automotive Non-Revenue Vehicles - SOGR         CW         S2         03         4,380         3,465         0           Rail Non-Revenue Vehicle Overhaul         Sub-total         9,328         3,465         0         0           Rail Non-Revenue Vehicle Overhaul - SOGR         CW         S2         03         1,061         2,050         2,075           Rail Non-Revenue Vehicle Overhaul - SOGR         CW         S2         03         4,568         0         0           Sub-total         V         S2         03         5,628         893         0         0           Tools and Shop Equipment - SOGR         CW         S2         03         4,960         3,382         5,067           Eare Handling Equipment - SOGR         CW         S2         03         5,370         0         0           Fare Handling Equipment - Expansion         SU </td <td>Project Name         Ward         Stat.         Cat.         2016         2017         2018         2019           Automotive Non-Revenue Vehicles         Automotive Non-Revenue Vehicles - SOGR         CW         S2         03         4.340         3.465         0         0           Automotive Non-Revenue Vehicles - SOGR         CW         S5         03         4.948         0         0         0           Bail Non-Revenue Vehicle Overhaul         F         9,328         3.465         0         0         0           Rail Non-Revenue Vehicle Overhaul - SOGR         CW         S2         03         1.061         2.050         2.075         1.765           Rail Non-Revenue Vehicle Overhaul - SOGR         CW         S2         03         458         0         0         0           Scope Cha         Sub-total         T         1.519         2.050         2.075         1.765           Tools and Shop Equipment - SOGR         CW         S5         03         4.960         3.882         5.067         0           Fare Handling Equipment - SOGR         CW         S5         03         4.960         3.862         5.067         0         0           Fare Handling Equipment - SOGR         CW         <t< td=""><td>Deproject Name         Ward Stat. Cat.         2016         2017         2018         2019         2020           Automotive Non-Revenue Vehicles - SOGR         CW         S2         03         4,380         3,465         0         0         0           Automotive Non-Revenue Vehicles - SOGR         CW         S5         03         4,948         0         0.0         0           Rail Non-Revenue Vehicle Overhaul         Sub-total         9,328         3,465         0         0         0         0           Rail Non-Revenue Vehicle Overhaul         SOGR         CW         S2         03         458         0         0         0         0         0           Stab-total         1,611         2,050         2,075         1,765         1,783           Tools and Shop Equipment - SOGR         CW         S2         03         5,628         893         0         0         0           Sub-total         10,518         4,275         5,067         0</td><td>Diect No.         Project Name         Ward Stat. Cat         2016         2017         2018         2019         2020         2018           Automotive Non-Revenue Vehicles - SOGR         CW         S2         03         4.380         3.465         0         0         0         7.845           Automotive Non-Revenue Vehicles - SOGR         CW         S2         03         4.380         3.465         0         0         0         4.948           Sub-total         9.328         3.465         0         0         0         12.738           Rail Non-Revenue Vehicle Overhaul         SOGR         CW         S2         03         1.061         2.050         2.075         1.765         1.783         8.734           Rail Non-Revenue Vehicle Overhaul - SOGR         CW         S2         03         4.568         0         0         0         0         468           Sub-total         1.051         2.050         2.075         1.765         1.783         9.192           Tools and Shop Equipment - SOGR         CW         S2         03         5.628         893         0         0         0         13.409           Sub-total         Tools and Shop Equipment - SOGR         CW         S2</td><td>Lose Trans         Lose Trans         Ward Stat. Cat         2016         2017         2018         2019         2020         2018-202         20219025           Automotive Non-Revenue Vehicles         Automotive Non-Revenue Vehicles - SOGR         CW         S5         03         4.380         3.465         0         0         0         4.948         0           Automotive Non-Revenue Vehicles - SOGR         CW         S5         03         4.948         0         0         0         4.948         0           Sub-total         Sub-total         S0GR         CW         S2         03         1.061         2.050         2.075         1.765         1.783         8.734         3.865           Rail Non-Revenue Vehicle Overhaul - SOGR         CW         S2         03         4.58         0         0         0         4.588         0         0         5.075         1.765         1.783         8.754         3.865           Rail Non-Revenue Vehicle Overhaul - SOGR         CW         S2         03         5.628         893         0         0         0         5.521         0           Tools and Shop Equipment - SOGR         CW         S2         03         5.628         893         0         0</td><td>Size No.         Project Name         Ward Stat. Cat.         2016         2017         2018         2019         2020         2016-202         2016-202         2016-202           Automotive Non-Revenue Vehicles         Automotive Non-Revenue Vehicles - SOGR         CW S2         03         4,380         3,465         0         0         0         4,948&lt;</td><td>International barbon         Varial State         Zotal         <thz< td=""><td>And Control         Project Name         Ward Stat. Cat.         2016         2017         2018         2019         2020         2016-2021         2014-2025         2014-2025         Product Prod</td><td>Jack Barl         Project Name         Ward Stat. Cat.         2016         2017         2018         2019         2020         Total         Total&lt;</td><td>Line in the interval want with the interval with the interval</td><td>bit No.         Project Name<br/>(Nor-Social All Sub-project Name)<br/>Automation Non-Revenue Vehicles<br/>Sub-project Name)         Wind Suit Cat.<br/>Sub-project Name<br/>(Non-Social Non-Revenue Vehicles<br/>Sub-project Name)         Wind Suit Cat.<br/>Sub-project Name)         Sub-project Name<br/>(Non-Social Non-Revenue Vehicles<br/>Sub-project Name)         Protect Name<br/>(Non-Social Non-Revenue Vehicles<br/>Sub-project Name)         Protect Name)         Protect Name<br/>(Non-Social Non-Revenue Vehicles<br/>Sub-project Name)         Protect Name<br/>(Non-Social Non-Revenue Vehicles<br/>Sub-project Name)         Protect Name<br/>(Non-Social Non-Revenue Vehicles<br/>Sub-project Name)         Protect Name)         Protect Name<br/>(Non-Social Non-Revenue Vehicles<br/>Sub-project Name)         Protect Name)         Prot</td><td>Date Color Lame         Product         Product</td><td>bit         Ordination         Name         Normal         State         Total         Total</td><td>bit into into into into into into into in</td><td>base besides in the Period Nume         Ward Start Cat         2017         2018         2019         2011      
  2011         2011         2011         2011<!--</td--></td></thz<></td></t<></td> | Project Name         Ward         Stat.         Cat.         2016         2017         2018         2019           Automotive Non-Revenue Vehicles         Automotive Non-Revenue Vehicles - SOGR         CW         S2         03         4.340         3.465         0         0           Automotive Non-Revenue Vehicles - SOGR         CW         S5         03         4.948         0         0         0           Bail Non-Revenue Vehicle Overhaul         F         9,328         3.465         0         0         0           Rail Non-Revenue Vehicle Overhaul - SOGR         CW         S2         03         1.061         2.050         2.075         1.765           Rail Non-Revenue Vehicle Overhaul - SOGR         CW         S2         03         458         0         0         0           Scope Cha         Sub-total         T         1.519         2.050         2.075         1.765           Tools and Shop Equipment - SOGR         CW         S5         03         4.960         3.882         5.067         0           Fare Handling Equipment - SOGR         CW         S5         03         4.960         3.862         5.067         0         0           Fare Handling Equipment - SOGR         CW <t< td=""><td>Deproject Name         Ward Stat. Cat.         2016         2017         2018         2019         2020           Automotive Non-Revenue Vehicles - SOGR         CW         S2         03         4,380         3,465         0         0         0           Automotive Non-Revenue Vehicles - SOGR         CW         S5         03         4,948         0         0.0         0           Rail Non-Revenue Vehicle Overhaul         Sub-total         9,328         3,465         0         0         0         0           Rail Non-Revenue Vehicle Overhaul         SOGR         CW         S2         03         458         0         0         0         0         0           Stab-total         1,611         2,050         2,075         1,765         1,783           Tools and Shop Equipment - SOGR         CW         S2         03         5,628         893         0         0         0           Sub-total         10,518         4,275         5,067         0</td><td>Diect No.         Project Name         Ward Stat. Cat         2016         2017         2018         2019         2020         2018           Automotive Non-Revenue Vehicles - SOGR         CW         S2         03         4.380         3.465         0         0         0         7.845           Automotive Non-Revenue Vehicles - SOGR         CW         S2         03         4.380         3.465         0         0         0         4.948           Sub-total         9.328         3.465         0         0         0         12.738           Rail Non-Revenue Vehicle Overhaul         SOGR         CW         S2         03         1.061         2.050         2.075         1.765         1.783         8.734           Rail Non-Revenue Vehicle Overhaul - SOGR         CW         S2         03         4.568         0         0         0         0         468           Sub-total         1.051         2.050         2.075         1.765         1.783         9.192           Tools and Shop Equipment - SOGR         CW         S2         03         5.628         893         0         0         0         13.409           Sub-total         Tools and Shop Equipment - SOGR         CW         S2</td><td>Lose Trans         Lose Trans         Ward Stat. Cat         2016         2017         2018         2019         2020         2018-202         20219025           Automotive Non-Revenue Vehicles         Automotive Non-Revenue Vehicles - SOGR         CW         S5         03         4.380         3.465         0         0         0         4.948         0           Automotive Non-Revenue Vehicles - SOGR         CW         S5         03         4.948         0         0         0         4.948         0           Sub-total         Sub-total         S0GR         CW         S2         03         1.061         2.050         2.075         1.765         1.783         8.734         3.865           Rail Non-Revenue Vehicle Overhaul - SOGR         CW         S2         03         4.58         0         0         0         4.588         0         0         5.075         1.765         1.783         8.754         3.865           Rail Non-Revenue Vehicle Overhaul - SOGR         CW         S2         03         5.628         893         0         0         0         5.521         0           Tools and Shop Equipment - SOGR         CW         S2         03         5.628         893         0         0</td><td>Size No.         Project Name         Ward Stat. Cat.         2016         2017         2018         2019         2020         2016-202         2016-202         2016-202           Automotive Non-Revenue Vehicles         Automotive Non-Revenue Vehicles - SOGR         CW S2         03         4,380         3,465         0         0         0         4,948&lt;</td><td>International barbon         Varial State         Zotal         <thz< td=""><td>And Control         Project Name         Ward Stat. Cat.         2016         2017         2018         2019         2020         2016-2021         2014-2025         2014-2025         Product Prod</td><td>Jack Barl         Project Name         Ward Stat. Cat.         2016         2017         2018         2019         2020         Total         Total&lt;</td><td>Line in the interval want with the interval with the interval</td><td>bit No.         Project Name<br/>(Nor-Social All Sub-project Name)<br/>Automation Non-Revenue Vehicles<br/>Sub-project Name)         Wind Suit Cat.<br/>Sub-project Name<br/>(Non-Social Non-Revenue Vehicles<br/>Sub-project Name)         Wind Suit Cat.<br/>Sub-project Name)         Sub-project Name<br/>(Non-Social Non-Revenue Vehicles<br/>Sub-project Name)         Protect Name<br/>(Non-Social Non-Revenue Vehicles<br/>Sub-project Name)         Protect Name)         Protect Name<br/>(Non-Social Non-Revenue Vehicles<br/>Sub-project Name)         Protect Name<br/>(Non-Social Non-Revenue Vehicles<br/>Sub-project Name)         Protect Name<br/>(Non-Social Non-Revenue Vehicles<br/>Sub-project Name)         Protect Name)         Protect Name<br/>(Non-Social Non-Revenue Vehicles<br/>Sub-project Name)         Protect Name)         Prot</td><td>Date Color Lame         Product         Product</td><td>bit         Ordination         Name         Normal         State         Total         Total</td><td>bit into into into into into into into in</td><td>base besides in the Period Nume         Ward Start Cat         2017         2018         2019         2011<!--</td--></td></thz<></td></t<> | Deproject Name         Ward Stat. Cat.         2016         2017         2018         2019         2020           Automotive Non-Revenue Vehicles - SOGR         CW         S2         03         4,380         3,465         0         0         0           Automotive Non-Revenue Vehicles - SOGR         CW         S5         03         4,948         0         0.0         0           Rail Non-Revenue Vehicle Overhaul         Sub-total         9,328         3,465         0         0         0         0           Rail Non-Revenue Vehicle Overhaul         SOGR         CW         S2         03         458         0         0         0         0         0           Stab-total         1,611         2,050         2,075         1,765         1,783           Tools and Shop Equipment - SOGR         CW         S2         03         5,628         893         0         0         0           Sub-total         10,518         4,275         5,067         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0      
  0         0         0         0 | Diect No.         Project Name         Ward Stat. Cat         2016         2017         2018         2019         2020         2018           Automotive Non-Revenue Vehicles - SOGR         CW         S2         03         4.380         3.465         0         0         0         7.845           Automotive Non-Revenue Vehicles - SOGR         CW         S2         03         4.380         3.465         0         0         0         4.948           Sub-total         9.328         3.465         0         0         0         12.738           Rail Non-Revenue Vehicle Overhaul         SOGR         CW         S2         03         1.061         2.050         2.075         1.765         1.783         8.734           Rail Non-Revenue Vehicle Overhaul - SOGR         CW         S2         03         4.568         0         0         0         0         468           Sub-total         1.051         2.050         2.075         1.765         1.783         9.192           Tools and Shop Equipment - SOGR         CW         S2         03         5.628         893         0         0         0         13.409           Sub-total         Tools and Shop Equipment - SOGR         CW         S2 | Lose Trans         Lose Trans         Ward Stat. Cat         2016         2017         2018         2019         2020         2018-202         20219025           Automotive Non-Revenue Vehicles         Automotive Non-Revenue Vehicles - SOGR         CW         S5         03         4.380         3.465         0         0         0         4.948         0           Automotive Non-Revenue Vehicles - SOGR         CW         S5         03         4.948         0         0         0         4.948         0           Sub-total         Sub-total         S0GR         CW         S2         03         1.061         2.050         2.075         1.765         1.783         8.734         3.865           Rail Non-Revenue Vehicle Overhaul - SOGR         CW         S2         03         4.58         0         0         0         4.588         0         0         5.075         1.765         1.783         8.754         3.865           Rail Non-Revenue Vehicle Overhaul - SOGR         CW         S2         03         5.628         893         0         0         0         5.521         0           Tools and Shop Equipment - SOGR         CW         S2         03         5.628         893         0         0 | Size No.         Project Name         Ward Stat. Cat.         2016         2017         2018         2019         2020         2016-202         2016-202         2016-202           Automotive Non-Revenue Vehicles         Automotive Non-Revenue Vehicles - SOGR         CW S2         03         4,380         3,465         0         0         0         4,948< | International barbon         Varial State         Zotal         Zotal <thz< td=""><td>And Control         Project Name         Ward Stat. Cat.         2016         2017         2018         2019         2020         2016-2021         2014-2025         2014-2025         Product Prod</td><td>Jack Barl         Project Name         Ward Stat. Cat.         2016         2017         2018         2019         2020         Total         Total&lt;</td><td>Line in the interval want with the interval with the interval</td><td>bit No.         Project Name<br/>(Nor-Social All Sub-project Name)<br/>Automation Non-Revenue Vehicles<br/>Sub-project Name)         Wind Suit Cat.<br/>Sub-project Name<br/>(Non-Social Non-Revenue Vehicles<br/>Sub-project Name)         Wind Suit Cat.<br/>Sub-project Name)         Sub-project Name<br/>(Non-Social Non-Revenue Vehicles<br/>Sub-project Name)         Protect Name<br/>(Non-Social Non-Revenue Vehicles<br/>Sub-project Name)         Protect Name)         Protect Name<br/>(Non-Social Non-Revenue Vehicles<br/>Sub-project Name)         Protect Name<br/>(Non-Social Non-Revenue Vehicles<br/>Sub-project Name)         Protect Name<br/>(Non-Social Non-Revenue Vehicles<br/>Sub-project Name)         Protect Name)         Protect Name<br/>(Non-Social Non-Revenue Vehicles<br/>Sub-project Name)         Protect Name)         Prot</td><td>Date Color Lame         Product         Product</td><td>bit         Ordination         Name         Normal         State         Total         Total</td><td>bit into into into into into into into in</td><td>base besides in the Period Nume         Ward Start Cat         2017         2018         2019         2011<!--</td--></td></thz<> | And Control         Project Name         Ward Stat. Cat.         2016         2017         2018         2019         2020         2016-2021         2014-2025         2014-2025         Product Prod | Jack Barl         Project Name         Ward Stat. Cat.         2016         2017         2018         2019         2020         Total         Total< | Line in the interval want with the interval | bit No.         Project Name<br>(Nor-Social All Sub-project Name)<br>Automation Non-Revenue Vehicles<br>Sub-project Name)         Wind Suit Cat.<br>Sub-project Name<br>(Non-Social Non-Revenue Vehicles<br>Sub-project Name)         Wind Suit Cat.<br>Sub-project Name)         Sub-project Name<br>(Non-Social Non-Revenue Vehicles<br>Sub-project Name)         Protect Name<br>(Non-Social Non-Revenue Vehicles<br>Sub-project Name)         Protect Name)         Protect Name<br>(Non-Social Non-Revenue Vehicles<br>Sub-project Name)         Protect Name<br>(Non-Social Non-Revenue Vehicles<br>Sub-project Name)         Protect Name<br>(Non-Social Non-Revenue Vehicles<br>Sub-project Name)         Protect Name)         Protect Name<br>(Non-Social Non-Revenue Vehicles<br>Sub-project Name)         Protect Name)         Prot | Date Color Lame         Product         Product | bit         Ordination         Name         Normal         State         Total         Total | bit into into into into into into into in | base besides in the Period Nume         Ward Start Cat         2017         2018         2019         2011 </td |

Report Phase 5 - Program 20 Toronto Transit Commission Program Phase 5 Part B Sub-Project Status S2 Part C Sub-Project Status S2, S3, S4, S5 Sub-Project Category 01, 02, 03, 04, 05, 06, 07 User Fields ALL

#### **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 4: 2016 Council Approved Cash Flow and Future Year Commitments

						Curre	ent and Fu	ture Year	Cash Flo	v Commitn	nents			Curi	rent and F	uture Year Cash	Flow Co	mmitme	ents Fi	inanced By			
Sub Dr	vient No. Drojent Nome									Total	Total	Total					Capi				Deb		
	pject No. Project Name bProj No. Sub-project Name	Ward	Stat.	Cat.	2016	2017	2018	2019	2020		2021-2025		Provincial Grants and Subsidies	Federal Subsidy	evelopment Charges	Reser Reserves Fund	ve fron Is Curre		ner 1	Other2 D	Recove ebt		Total Financing
TTC000710													Gubsidies										
1 1	Information Tech. System-Infrastructure - SOGR	CW	S2	03	82,123	73,368	52,687	31,967	27,884	268,029	13,331	281,360	0	0	0	0	0 14,	981 10 <sup>.</sup>	1,140	0 16	5,239	0	281,360
18	Information Tech. Systems-Infrastructure - SOGR	CW	S5	03	6,807	13,802	0	0	0	20,609	0	20,609	0	0	0	0	06,	807	0	0 1:	3,802	0	20,609
	Sub-total				88,930	87,170	52,687	31,967	27,884	288,638	13,331	301,969	0	0	0	0	0 21,	788 10 <sup>-</sup>	1,140	0 17	9,041	0	301,969
TTC000910	Furniture & Office Equipment																						
1 1	Furniture & Office Equipment - SOGR	CW	S2	03	199	0	0	0	0	199	0	199	0	0	0	0	0	199	0	0	0	0	199
14	Furniture & Office Equipment - SOGR	CW	S5	03	10	486	0	0	0	496	0	496	0	0	0	0	0	10	0	0	486	0	496
	Sub-total				209	486	0	0	0	695	0	695	0	0	0	0	0	209	0	0	486	0	695
TTC000920	Other Service Planning																						
3 1	Other Service Planning - Improvement	CW	S2	04	6,570	5,835	2,568	0	0	14,973	0	14,973	0	0	5,280	0	0 3,	560	0	0 (	6,133	0	14,973
35	Other Service Planning - Improvement	CW	S5	04	0	0	3,068	5,035	2,635	10,738	8,375	19,113	235	0	10,560	0	0	0	0	0 8	8,318	0	19,113
06	Other Service Planning - SOGR	CW	S2	03	750	0	0	0	0	750	0	750	0	0	0	0	0	750	0	0	0	0	750
07	Other Service Planning - Legislated	CW	S2	02	200	200	200	200	200	1,000	800	1,800	0	0	0	0	0	200	0	0	1,600	0	1,800
	Sub-total				7,520	6,035	5,836	5,235	2,835	27,461	9,175	36,636	235	0	15,840	0	0 4,	510	0	0 1	6,051	0	36,636
TTC000921	Transit Shelters & Loops																						
0 4	Transit Shelters & Loops - SOGR	CW	S2	03	298	250	257	264	271	1,340	47	1,387	0	0	0	0	0	0	0	0	1,387	0	1,387
	Sub-total				298	250	257	264	271	1,340	47	1,387	0	0	0	0	0	0	0	0	1,387	0	1,387
TTC906010	Purchase of Legacy LRVs																						
0 2	Purchase of Legacy LRVs - SOGR	CW	S2	03	174,871	165,928	157,136	160,249	0	658,184	0	658,184	204,274	300,356	0	32,218	0	0	0	0 12 <sup>-</sup>	1,336	0	658,184
	Sub-total				174,871	165,928	157,136	160,249	0	658,184	0	658,184	204,274	300,356	0	32,218	0	0	0	0 12	1,336	0	658,184
TTC906365	Purchase of Rail Non-Revenue Vehicle																						
1 1	Purchase of Rail Non-Revenue Vehicle - SOGR	CW	S2	03	7,128	6,425	1,796	6,635	2,350	24,334	0	24,334	0	0	0	0	0	0	0	0 24	4,334	0	24,334
13	Purchase of Rail Non-Revenue Vehicle - Improvement	CW	S2	04	70	6,648	4,120	0	0	10,838	0	10,838	0	0	0	0	0	0	0	0 10	),838	0	10,838
06	Purchase of Rail Non-Revenue Vehicle - SOGR	CW	S3	03	4,655	2,248	0	0	0	6,903	0	6,903	0	0	0	0	0	0	0	0 6	3,903	0	6,903
08	Purchase of Rail Non-Rev Vehicle - Improvment	CW	S4	04	0	0	8,906	6,256	0	15,162	0	15,162	0	0	0	0	0	0	0	0 1	5,162	0	15,162
	Sub-total				11,853	15,321	14,822	12,891	2,350	57,237	0	57,237	0	0	0	0	0	0	0	0 5	7,237	0	57,237
TTC907743	ATC Resignalling								_														

Report Phase 5 - Program 20 Toronto Transit Commission Program Phase 5 Part B Sub-Project Status S2 Part C Sub-Project Status S2, S3, S4, S5 Sub-Project Category 01, 02, 03, 04, 05, 06, 07 User Fields ALL

### **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 4: 2016 Council Approved Cash Flow and Future Year Commitments

						Curre	ent and Fu	uture Year	Cash Flo	w Commit	nents			Cur	rent and F	uture Year Ca	ash Flow C	ommitm	ents F	inanced	Ву		
	vject No. <u>Project Name</u> oProj No. Sub-project Name	Ward	Stat.	Cat.	2016	2017	2018	2019	2020	Total 2016-2020	Total 2021-2025	Total 2016-2025	Provincial Grants and Subsidies	Federal I Subsidy	Development Charges	Re Reserves Fr	Ca eserve fro unds Cur	m	her 1	Other2	Debt - Recovera Debt		Total Financing
TTC907743	ATC Resignalling																						
0 1	ATC YUS Resignalling - SOGR	CW	S2	03	56,330	69,079	65,580	58,856	30,969	280,814	20,807	301,621	0	18,869	94,020	0	0	0	0	0	188,732	0	301,621
0 2	ATC BD Resignalling - SOGR	CW	S2	03	1,500	12,923	24,854	27,362	29,812	96,451	202,397	298,848	47,145	40,339	136,536	0	0	0	0	0	74,828	0	298,848
0 3	ATC Resignalling Change in Scope	CW	S3	03	0	1,639	0	0	0	1,639	0	1,639	0	0	0	0	0	0	0	0	1,639	0	1,639
	Sub-total				57,830	83,641	90,434	86,218	60,781	378,904	223,204	602,108	47,145	59,208	230,556	0	0	0	0	0	265,199	0	602,108
TTC907744	Fare System																						
0 1	Fare System - SOGR	CW	S2	03	295	571	577	483	0	1,926	0	1,926	0	0	0	0	0	0	0	0	1,926	0	1,926
0 2	Fare System - Expansion	CW	S2	05	13,228	7,737	5,019	0	0	25,984	0	25,984	0	0	0	0	0	0	0	0	25,984	0	25,984
0 3	Fare System - Expansion - Scope Chang	ge CW	S3	05	-528	-753	-2,860	0	0	-4,141	0	-4,141	0	0	0	0	0	0	0	0	-4,141	0	-4,141
	Sub-total				12,995	7,555	2,736	483	0	23,769	0	23,769	0	0	0	0	0	0	0	0	23,769	0	23,769
TTC907748	Wilson Complex - Modifications for the Te	oronto R																					
0 2	Wilson Complex - Modification for the Toronto Roc	CW	S2	03	103	487	0	0	0	590	0	590	0	0	0	0	0	0	0	0	590	0	590
	Sub-total				103	487	0	0	0	590	0 0	590	0	0	0	0	0	0	0	0	590	0	590
TTC907749	Leslie Barns Streetcar Maint.& Storage F	acility																					
1 1	Leslie Barns Streetcar Main. & Storage Facility	CW	S2	03	33,804	17,067	2,200	0	0	53,071	0	53,071	0	7,902	10,000	1,366	0	0	0	0	33,803	0	53,071
0 3	Leslie Barns Streetcar Main. SOGR	CW	S3	03	0	10,052	0	0	0	10,052	0	10,052	0	0	0	0	0	0	0	0	10,052	0	10,052
	Sub-total				33,804	27,119	2,200	0	0	63,123	6 0	63,123	0	7,902	10,000	1,366	0	0	0	0	43,855	0	63,123
TTC907750	Toronto Rocket Yard & Storage Track Act	commoda																					
1 1	Toronto Rocket Yard - Storage Track Accommodation	CW	S2	03	38,204	65,391	81,357	104,280	69,889	359,121	43,390	402,511	17,579	103,688	98,199	79,195	0	0	0	0	103,850	0	402,511
	Sub-total				38,204	65,391	81,357	104,280	69,889	359,121	43,390	402,511	17,579	103,688	98,199	79,195	0	0	0	0	103,850	0	402,511
TTC908032	McNicoll Bus Garage Facility																						
0 1	McNicoll Bus Garage Facility - Growth	39	S2	05	2,308	20,500	50,000	50,000	51,950	174,758	0	174,758	0	34,314	88,809	0	0	0	0	0	51,635	0	174,758
	Sub-total				2,308	20,500	50,000	50,000	51,950	174,758	0	174,758	0	34,314	88,809	0	0	0	0	0	51,635	0	174,758
TTS000392	Sheppard Subway																						
4 1	Sheppard Subway - Expansion	CW	S2	05	3,706	0	0	0	0	3,706	0	3,706	0	0	0	0	0	0	0	0	3,706	0	3,706
	Sub-total				3,706	0	0	0	0	3,706	0	3,706	0	0	0	0	0	0	0	0	3,706	0	3,706
Total Pr	ogram Expenditure				1,115,000	1,209,398	908,860	770,841	374,766	4,378,865	829,549	5,208,414	695,261	1,043,811	545,926	534,920	0 3	9,915 13	31,356	0	,217,225	05	5,208,414
												•										<u> </u>	

Report Phase 5 - Program 20 Toronto Transit Commission Program Phase 5 Part B Sub-Project Status S2 Part C Sub-Project Status S2, S3, S4, S5 Sub-Project Category 01, 02, 03, 04, 05, 06, 07 User Fields ALL

### **CITY OF TORONTO**

#### Gross Expenditures (\$000's)

#### Appendix 4: 2016 Council Approved Cash Flow and Future Year Commitments

#### Toronto Transit Commission

		Current and	Future Ye	ar Cash F	low Comr	nitments ar	d Estimate	s		Current	and Futur	e Year Cas	h Flow C	ommitme	nts and	Estimates	Financed By	
<u>Sub-</u> <u>Project No.</u> <u>Project Name</u> Priority SubProj No. Sub-project Name Ward Stat. (	at. 2016	2017	2018	2019	2020	Total 2016-2020	Total 2021-2025	Total 2016-2025	Provincial Grants and Subsidies	Federal De Subsidy	evelopment Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable Debt	e Total Financing
Financed By:																		
Provincial Grants & Subsidies	133,501	201,350	98,105	60,356	27,327	520,639	174,622	695,261	695,261	0	0	0	0	0	(	0 0	0	0 695,261
Federal Subsidy	159,812	159,811	167,420	166,827	112,216	766,086	277,725	1,043,811	0	1,043,811	0	0	0	0	(	0 0	0	0 1,043,811
Development Charges	16,466	95,479	100,150	81,573	65,775	359,443	186,483	545,926	0	0	545,926	0	0	0	(	0 0	0	0 545,926
Reserves (Ind. "XQ" Ref.)	147,084	195,917	92,200	74,503	25,216	534,920	0	534,920	0	0	0	534,920	0	0	(	0 0	0	0 534,920
Capital from Current	39,915	0	0	0	0	39,915	0	39,915	0	0	0	0	0	39,915	(	0 0	0	0 39,915
Other1 (Internal)	33,449	33,136	22,300	10,906	18,234	118,025	13,331	131,356	0	0	0	0	0	0	131,356	6 0	0	0 131,356
Debt	584,773	523,705	428,685	376,676	125,998	2,039,837	177,388	2,217,225	0	0	0	0	0	0	(	0 0	,217,225	0 2,217,225
Total Program Financing	1,115,000	1,209,398	908,860	770,841	374,766	4,378,865	829,549	5,208,414	695,261	1,043,811	545,926	534,920	0	39,915	131,356	6 0	,217,225	0 5,208,414

#### Status Code Description

S2 S2 Prior Year (With 2016 and\or Future Year Cashflow)

S3 S3 Prior Year - Change of Scope 2016 and\or Future Year Cost\Cashflow)

S4 S4 New - Stand-Alone Project (Current Year Only) S5

S5 New (On-going or Phased Projects)

#### Category Code Description

Health and Safety C01 01

02 Legislated C02

03 State of Good Repair C03

04 Service Improvement and Enhancement C04

05 Growth Related C05

Reserved Category 1 C06 06 07

Reserved Category 2 C07

## Appendix 5

2016 Capital Budget with Financing Detail

(Phase 5) 20-Toronto Transit Commission

Sub-Project Category: 01,02,03,04,05,06,07 Type: B Sub-Project Status: S2 Type: C Sub-Project Status: S2,S3,S4,S5

## DI TORONTO

### CITY OF TORONTO Appendix 5: 2016 Council Approved Capital Budget with Financing Detail

**Toronto Transit Commission** 

Sub-Project Summary

Project/Fi	nancing		2016					Financ	ing				]
Priority P	0	Start Date Completion Date	Cash Flow	Provincial Grants Subsidies	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From Current	Other 1	Other 2	Debt	Debt - Recoverable
0 TTC	906010 Purchase of Legacy LRVs												
0	2 Purchase of Legacy LRVs - SOGR	11/18/2005 12/31/2020	174,871	55,376	42,909	0	0	0	0	0	0	76,586	6 0
		Project Sub-total:	174,871	55,376	42,909	0	0	0	0	0	0	76,586	6 0
<u>0 TTC</u>	907744 Fare System												
0	1 Fare System - SOGR	09/29/201012/31/2018	295	0	0	0	0	0	0	0	0	295	5 0
0	2 Fare System - Expansion	11/09/2010 12/31/2020	13,228	0	0	0	0	0	0	0	0	13,228	3 0
0	3 Fare System - Expansion - Scope Change	01/01/201312/31/2020	-528	0	0	0	0	0	0	0	0	-528	3 0
		Project Sub-total:	12,995	0	0	0	0	0	0	0	0	12,995	5 0
<u>0 TTC</u>	908032 McNicoll Bus Garage Facility												
0	1 McNicoll Bus Garage Facility - Growth	01/01/201312/31/2017	2,308	0	0	0	0	0	0	0	0	2,308	3 0
		Project Sub-total:	2,308	0	0	0	0	0	0	0	0	2,308	3 0
1 TTC	000110 Subway Track												
0	5 Subway Track Improvement	10/12/2006 12/31/2014	1,097	0	0	0	0	0	0	0	0	1,097	<b>7</b> 0
0	6 Subway Track Improvement	01/01/2016 01/01/2016	ŕ	0	0	0	0	0	0	0		593	
1	1 Subway Track - SOGR	01/01/1996 12/31/2017	26,978	0	8,358	0	0	0	0	0	0	18,620	) 0
		Project Sub-total:	28,668	0	8,358	0	0	0	0	0	0	20,310	0 0
1 TTC	000120 Surface Track												
0	3 Surface Track Improvement	10/17/200310/17/2016	2,007	0	0	0	0	0	0	0	0	2,007	<b>7</b> 0
1	1 Surface Track - SOGR	01/01/1996 12/31/2016	30,927	0	0	0	0	0	0	0	0	30,927	<b>7</b> 0
		Project Sub-total:	32,934	0	0	0	0	0	0	0	0	32,934	1 0
<u>1 TTC</u>	000210 Traction Power - Various	-											
1	1 Traction Power - SOGR	01/01/1996 12/31/2018	25,025	0	0	0	16,030	0	0	0	0	8,995	5 0
		Project Sub-total:	25,025	0	0	0	16,030	0	0			8,995	
1 TTC	000220 Power Dist./Electric Systems - Various						,						
0	3 Power Dist/Electric Systems - Improvement	01/01/2016 12/31/2016	201	0	0	0	0	0	201	0	0	0	) 0
8 1	1 Power Dist./Electric Systems - SOGR	01/01/1996 12/31/2017	7,514	6,043	0	0	0	0	0			1,471	
		Project Sub-total:	7,715	6,043	0	0	0	0	201	0		1,471	
1 TTC	000230 Communications - Various			, -	-		-	-	-		-	•	
0	5 Communication - Improvement	10/27/2003 12/31/2014	269	0	0	0	0	0	0	0	0	269	9 0
1	1 Communications - SOGR	01/01/1996 12/31/2023		0	0	0	0	0	0			23,889	
1	3 Communications - Legislated	01/01/2006 12/31/2018		0	0	0	0	0	0			3,604	
-			1 5,00		5	J	5	5	Ū	Ū	Ū	-,	Ũ

### CITY OF TORONTO Appendix 5: 2016 Council Approved Capital Budget with Financing Detail Toronto Transit Commission

Sub-Project Summary

FIOJECUFII	nancing		u.	2016		10		-	Financ					
Priority Pi	roject Project Name	Start Date	Completion Date	Cash Flow	Provincial Grants Subsidies	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From Current	Other 1	Other 2	Debt	Debt - Recoverabl
<u>1 TTC0</u>	00230 Communications - Various													
1	11 Communications - SOGR	01/01/2016	01/01/2018	-3,352	0	0	0	0	0	0	0	0	-3,352	2
		Project Sub	-total:	24,410	0	0	0	0	0	0	0	0	24,410	)
<u>1 TTC0</u>	00240 Signal Systems - Various													
1	1 Signal Systems - SOGR	01/01/1999	12/31/2023	13,031	0	0	0	2,370	0	0	0	0	10,661	1
1	4 Signal Systems - SOGR	01/01/2003	12/31/2024	4,813	0	0	0	4,813	0	0	0	0	C	D
		Project Sub	-total:	17,844	0	0	0	7,183	0	0	0	0	10,661	1
<u>1 TTC0</u>	00310 Finishes - Various													
0	3 Finishes - Improvement	11/10/2005	12/31/2017	<b>7</b> 55	0	0	0	0	0	0	0	0	55	5
1	1 Finishes - SOGR	01/01/1996	12/31/2017	6,292	0	0	0	0	0	0	0	0	6,292	2
1	5 Finishes - SOGR	01/01/2014	12/31/2024	8,333	0	5,872	0	0	0	0	0	0	2,461	1
		Project Sub	-total:	14,680	0	5,872	0	0	0	0	0	0	8,808	3
<u>1 TTC0</u>	00320 Equipment - Various													
1	1 Equipment - SOGR	01/01/1996	12/31/2024	27,938	0	0	0	0	0	0	0	0	27,938	3
1	3 Equipment - Legislated	01/01/1996	12/31/2023	3,330	0	0	0	0	0	0	0	0	3,330	D
2	6 Equipment - Legislated	01/01/2014	12/31/2024	360	0	0	0	0	0	0	0	0	360	)
		Project Sub	-total:	31,628	0	0	0	0	0	0	0	0	31,628	3
<u>1 TTC0</u>	00333 On-Grade Paving Rehabilitation													
1	1 On-Grade Paving Rehabilitation - SOGR	01/01/1996	12/31/2018	8,802	4,000	0	0	0	0	0	0	0	4,802	2
		Project Sub	-total:	8,802	4,000	0	0	0	0	0	0	0	4,802	2
<u>1 TTC0</u>	00340 Bridges and Tunnels - Various													
1	1 Bridges and Tunnels - SOGR	01/01/1996	12/31/2017	50,472	0	0	0	33,441	0	0	0	0	17,031	1
	-	Project Sub	-total:	50,472	0	0	0	33,441	0	0	0	0	17,031	1
1 TTC0	00377 Queensway Bus Garage Renovations													
1	3 Queensway Bus Garage Renovations - SOGR	01/01/2001	12/31/2016	495	0	0	0	0	0	495	0	0	C	)
		Project Sub		495	0	0	0	0	0	495	0	0	C	)
<u>1 TTC0</u>	000379 Fire Ventilation Upgrade	•												
1	1 Fire Ventilation Upgrade - SOGR	01/01/1996	12/31/2019	23,687	0	0	0	0	0	0	0	0	23,687	7
-		Project Sub		23,687	0	0	0	0	0	0		0	23,687	
1 TTCO	000390 Other Bldgs & Structures Projects	,				-	-	-	-		-			
0	16 Other Building & Structures - Expansion Scope Cha	01/01/2015	12/31/2017	y 13	0	0	0	0	0	0	0	0	13	3
0	18 Other Bldgs_Structure Projects-Legislated		12/31/2016		0	0	0	0	0	0	0	0	574	

### CITY OF TORONTO Appendix 5: 2016 Council Approved Capital Budget with Financing Detail Toronto Transit Commission

Sub-Project Summary

Project/F	inancing		2016					Financ	ing				
Priority	Project Project Name	Start Date Completion Date	Cash Flow	Provincial Grants Subsidies	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From Current	Other 1	Other 2	Debt	Debt - Recoverable
<u>1 TTC</u>	C000390 Other Bldgs & Structures Projects												
0	20 Other Buildings & Structure - Improvement	01/01/201412/31/2017	8,003	0	0	0	0	0	0	0	0	8,003	3 0
1	1 Other Buildings & Structures Projects - SOGRS	01/01/200012/31/2021	31,786	0	0	0	0	0	0	0	0	31,786	6 0
1	5 Other Buildings and Structures - Legislated	01/01/200212/31/2014	1,624	0	0	0	0	0	0	0	0	1,624	4 0
3	4 Other bldgs & structures projects - Expansion	01/01/201412/31/2018	1,467	0	0	0	0	0	0	0	0	1,467	7 0
		Project Sub-total:	43,467	0	0	0	0	0	0	0	0	43,467	7 0
<u>1 TTC</u>	2000414 Replace 40' Diesel Buses or Equivalent												
0	6 Purchase 40 Diesel Buses or Equivalent - SI	01/01/201512/31/2016	11,084	0	11,084	0	0	0	0	0	0	C	0 0
0	9 Purchase of 40ft Buses - Improvements	01/01/201601/01/2017	2,988	0	2,988	0	0	0	0	0	0	C	0 0
1	1 Replace 40 Diesel Buses or Equivalent - SOGR	01/01/200012/31/2017	64,508	0	47,636	0	0	0	0	0	0	16,872	2 0
		Project Sub-total:	78,580	0	61,708	0	0	0	0	0	0	16,872	2 0
<u>1 TTC</u>	2000421 Subway Car Purchases												
1	1 Subway Car Purchases - SOGR	01/01/1996 12/31/2017	24,236	0	12,965	0	0	0	0	0	0	11,271	1 0
		Project Sub-total:	24,236	0	12,965	0	0	0	0	0	0	11,271	1 0
<u>1 TTC</u>	2000432 Bus Heavy Rebuild Program - Overhaul												
0	6 Bus Heavy Rebuild Prog. Overhaul - Legislated	01/01/201512/31/2016	5,026	0	0	0	3,860	0	0	0	0	1,166	6 0
0	7 Bus Heavy Rebuild/Overhaul-Legislated	01/01/201601/01/2017	1,715	0	0	0	1,663	0	0	0	0	52	2 0
1	1 Bus Heavy Rebuild Program, Overhaul - SOGR	01/01/199612/31/2016	69,229	65,182	0	0	2,384	0	0	0	0	1,663	3 0
		Project Sub-total:	75,970	65,182	0	0	7,907	0	0	0	0	2,881	1 0
<u>1 TTC</u>	2000450 Streetcar Overhaul Program												
0	4 Streetcar Overhaul Program - Legislated	01/01/201512/31/2024	410	0	0	0	0	0	0	0	0	410	0 0
1	1 Streetcar Overhaul Program - SOGR	01/01/200312/31/2023	9,772	0	0	0	0	0	0	0	0	9,772	2 0
		Project Sub-total:	10,182	0	0	0	0	0	0	0	0	10,182	2 0
<u>1 TTC</u>	2000460 <u>Subway Car Overhaul Program</u>												
1	1 Subway Car Overhaul Program - SOGR	01/01/1996 12/31/2024	30,755	0	0	0	30,755	0	0	0	0	(	0 0
1	4 Subway Car Overhaul Program - SOGR Scope Change	01/01/201512/31/2024	37,402	0	0	0	27,480	0	0	0	0	9,922	2 0
		Project Sub-total:	68,157	0	0	0	58,235	0	0	0	0	9,922	2 0
<u>1 TTC</u>	2000470 Automotive Non-Revenue Vehicles												
1	1 Automotive Non-Revenue Vehicles - SOGR	01/01/199612/31/2015	4,380	0	0	0	0	0	0	4,380	0	(	0 0
1	4 Automotive Non-Revenue Vehicles - SOGR	01/01/2006 12/31/2024	4,948	0	0	0	0	0	3,481	1,467	0	(	0 0
		Project Sub-total:	9,328	0	0	0	0	0	3,481	5,847	0	(	0 0
<u>1 TTC</u>	2000480 Rail Non-Revenue Vehicle Overhaul												
1	1 Rail Non-Revenue Vehicle Overhaul - SOGR	01/01/199912/31/2017	1,061	0	0	0	0	0	597	0	0	464	4 0

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### CITY OF TORONTO Appendix 5: 2016 Council Approved Capital Budget with Financing Detail

**Toronto Transit Commission** 

Sub-Project Summary

Project/Financing		2016					Financ	-				
Priority Project Project Name	Start Date Completion Date	Cash Flow	Provincial Grants Subsidies	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From Current	Other 1	Other 2	Debt	Debt - Recoverable
1 TTC000480 Rail Non-Revenue Vehicle Overhaul												
1 9 Rail Non-Revenue Vehicle Overhaul - SOGR Scope Cha	01/01/2016 01/01/2017	458	0	0	0	0	0	458	0	0	0	0
	Project Sub-total:	1,519	0	0	0	0	0	1,055	0	0	464	0
1 TTC000510 Tools and Shop Equipment												
1 1 Tools and Shop Equipment - SOGR	01/01/1996 12/31/2016	5,628	0	0	0	0	0	4,444	892	0	292	0
1 6 Tools and Shop Equipment - SOGR	01/01/200312/31/2024	4,960	0	0	0	0	0	0	4,960	0	0	0
	Project Sub-total:	10,588	0	0	0	0	0	4,444	5,852	0	292	0
1 TTC000520 Fare Handling Equipment												
0 3 Fare Handling Equipment - Expansion S3	11/24/2016 12/31/2016	260	0	0	0	0	0	260	0	0	0	0
0 8 Fare Handling Equipment - Expansion	01/01/2014 12/31/2015	800	0	0	0	0	0	0	0	0	800	0
1 1 Fare Handling Equipment - SOGR	01/01/1997 12/31/2015	5,370	0	0	0	0	0	3,472	0	0	1,898	0
1 7 Fare Handling Equipment - SOGR	01/01/1997 12/31/2024	30,505	2,900	0	0	0	0	0	354	0	27,251	0
	Project Sub-total:	36,935	2,900	0	0	0	0	3,732	354	0	29,949	0
1 TTC000530 Other Maintenance Equipment												
1 1 Other Maintenance Equipment - SOGR S2	01/01/1996 12/31/2015	6,698	0	0	0	0	0	0	1,462	0	5,236	0
1 4 Other Maintenance Equipment - SOGR S5	01/01/2014 12/31/2024	902	0	0	0	0	0	0	0	0	902	0
	Project Sub-total:	7,600	0	0	0	0	0	0	1,462	0	6,138	0
1 TTC000710 Information Technology System-Infrastructure												
1 1 Information Tech. System-Infrastructure - SOGR	01/01/1996 12/31/2020	82,123	0	0	0	0	0	14,981	19,934	0	47,208	0
1 8 Information Tech. Systems-Infrastructure - SOGR	01/01/201312/31/2024	6,807	0	0	0	0	0	6,807	0	0	0	0
	Project Sub-total:	88,930	0	0	0	0	0	21,788	19,934	0	47,208	0
1 TTC000910 Furniture & Office Equipment												
1 1 Furniture & Office Equipment - SOGR	01/01/1996 12/31/2016	199	0	0	0	0	0	199	0	0	0	0
1 4 Furniture & Office Equipment - SOGR	01/01/2016 12/31/2024	10	0	0	0	0	0	10	0	0	0	0
	Project Sub-total:	209	0	0	0	0	0	209	0	0	0	0
1 TTC906365 Purchase of Rail Non-Revenue Vehicle												
0 6 Purchase of Rail Non-Revenue Vehicle - SOGR	01/01/2016 12/31/2016	4,655	0	0	0	0	0	0	0	0	4,655	0
1 1 Purchase of Rail Non-Revenue Vehicle - SOGR	01/01/1996 12/31/2019	7,128	0	0	0	0	0	0	0	0	7,128	0
1 3 Purchase of Rail Non-Revenue Vehicle - Improvement	01/01/1996 12/31/2016	70	0	0	0	0	0	0	0	0	70	0
	Project Sub-total:	11,853	0	0	0	0	0	0	0	0	11,853	0
1 TTC907743 ATC Resignalling												
0 1 ATC YUS Resignalling - SOGR	09/24/2010 12/31/2020	56,330	0	0	3,389	0	0	0	0	0	52,941	0
		1	I									

### Appendix 5: 2016 Council Approved Capital Budget with Financing Detail

**Toronto Transit Commission** 

Sub-Project Summary

Priority Project Name Start Date Completion Cash Flow Provincial Federal Developmt Reserves Reserve Capital Other 1 Other 2 Debt I	Project/Financing		2016	1				Financ	ing				
0         2 ATC BD Resignalling - SOGR         0101/2015 1231/2024         1,500         0         1,137         0         0         0         0         183           1         TIC2907748         Wilson Complex - Modifications for the Toronto Roc         57,830         0         0         4,706         0         103           1         11C2907749         Lesile Barns Streetcar Maint & Storage Facility         1004/2010 1231/2016         33.804         0         7.022         10.000         1.366         0         0         0         1         5.416           1         10500750				Grants			Reserves		From	Other 1	Other 2	Debt	Debt - Recoverable
Project Sub-total:         57,830         0         0         4,706         0         0         0         5,124           1         TIC397748         Wilson Complex - Modification for the Toronto Roc         1109/2010 1231/2016         0	1 TTC907743 ATC Resignalling												
1         TIC907748         Wilson Complex - Modifications for the Toronto Roc         11/09/2010 12/31/2016         103         0	0 2 ATC BD Resignalling - SOGR	01/01/2015 12/31/20	24 1,500	0	0	1,317	0	0	0	0	0	183	0
0         2 Wilson Complex - Modification for the Toronto Roc         11/09/2010 12/31/2016         103         0		Project Sub-total:	57,830	0	0	4,706	0	0	0	0	0	53,124	. 0
Project Sub-total:         103         0	1 TTC907748 Wilson Complex - Modifications for the Toronto Roc												
1         ITCS07749         Leslie Barns Streetcar Maint & Storage Facility         1004/201012/31/2016         3,804         0         7,022         10,000         1,366         0         0         0         0         15,416           1         1 Leslie Barns Streetcar Main. & Storage Facility         1004/201012/31/2016         33,804         0         7,022         10,000         1,366         0         0         0         15,416           1         ITCS007750         Toronto Rocket Yard & Storage Track Accommodation         1004/201012/31/2018         38,204         0         15,282         0         22,922         0<	0 2 Wilson Complex - Modification for the Toronto Roc	11/09/2010 12/31/20	16 103	0	0	0	0	0	0	0	0	103	0
1       1 Leslie Barns Streetcar Main. & Storage Facility       1004/2010 12/31/2016       33,804       0       7,022       10,000       1,366       0       0       0       15,416         1       1 TC907750       Toronto Rocket Yard & Storage Track Accommodation       1       1004/2010 12/31/2018       38,204       0       15,282       0       22,922       0		Project Sub-total:	103	0	0	0	0	0	0	0	0	103	0
Project Sub-total:         33,804         0         7,022         10,000         1,366         0         0         0         15,166           1         TIC907750         Toronto Rocket Yard & Storage Track Accommodation         10/04/201012/31/2019         38,204         0         15,282         0         22,922         0	1 TTC907749 Leslie Barns Streetcar Maint.& Storage Facility												
1         TIC907750         Toronto Rocket Yard & Storage Track Accommodation         10/04/2010 12/31/2019         38,204         0         15,282         0         22,922         0	1 1 Leslie Barns Streetcar Main. & Storage Facility	10/04/2010 12/31/20	16 33,804	0	7,022	10,000	1,366	0	0	0	0	15,416	0
1       1 Toronto Rocket Yard - Storage Track Accommodation       10/04/201012/31/2019       38,204       0       15,282       0       22,922       0		Project Sub-total:	33,804	0	7,022	10,000	1,366	0	0	0	0	15,416	0
Project Sub-total:         38.204         0         15.282         0         2.922         0         <	1 TTC907750 Toronto Rocket Yard & Storage Track Accommodation	on											
2         TTC000383         Easier Access Phase II & III         0         0         0         0         0         0         2         2           1         1 Easier Access Phase III - Legislated         0/0/1/1996 12/31/2025         35,000         0         5,696         0         0         0         0         2         2,004           2         TTC000610         Environmental Programs.         2         1 Environmental Programs.         0         0,337         0 <t< td=""><td>1 1 Toronto Rocket Yard - Storage Track Accommodation</td><td>10/04/2010 12/31/20</td><td>19 38,204</td><td>0</td><td>15,282</td><td>0</td><td>22,922</td><td>0</td><td>0</td><td>0</td><td>0</td><td>C</td><td>0</td></t<>	1 1 Toronto Rocket Yard - Storage Track Accommodation	10/04/2010 12/31/20	19 38,204	0	15,282	0	22,922	0	0	0	0	C	0
1       1       Easier Access Phase III - Legislated       01/01/1996 12/31/2025       35,000       0       5,696       0       0       0       0       0       29,304         2       1       Environmental Programs       01/01/1996 12/31/2019       10,337       0       0       0       0       0       0       0       0       0       0       10,337         2       1       Environmental Programs       Legislated       01/01/1996 12/31/2019       10,337       0       0       0       0       0       0       0       0       0       0       0       10,337         3       1       TC000920       Other Service Planning       0       0       0       0       0       0       0       0       0       0       0       0       10,337         4       TC000920       Other Service Planning       SOGR       01/01/2014 12/31/2017       750       0		Project Sub-total:	38,204	0	15,282	0	22,922	0	0	0	0	C	0
1       1       Easier Access Phase III - Legislated       01/01/1996 12/31/2025       35,000       0       5,696       0       0       0       0       0       29,304         2       1       Environmental Programs       01/01/1996 12/31/2019       10,337       0       0       0       0       0       0       0       0       0       0       10,337         2       1       Environmental Programs       Legislated       01/01/1996 12/31/2019       10,337       0       0       0       0       0       0       0       0       0       0       0       10,337         3       1       TC000920       Other Service Planning       0       0       0       0       0       0       0       0       0       0       0       0       10,337         4       TC000920       Other Service Planning       SOGR       01/01/2014 12/31/2017       750       0	2 TTC000383 Easier Access Phase II & III												
2         TTC000610         Environmental Programs.         2         1 Environmental Programs Legislated         01/01/1996 12/31/2019         10,337         0		01/01/1996 12/31/20	25 35,000	0	5,696	0	0	0	0	0	0	29,304	0
2       1 Environmental Programs - Legislated       01/01/1996 12/31/2019       10,337       0 <td< td=""><td></td><td>Project Sub-total:</td><td>35,000</td><td>0</td><td>5,696</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>29,304</td><td>0</td></td<>		Project Sub-total:	35,000	0	5,696	0	0	0	0	0	0	29,304	0
Initial Comparison Legislation       Project Sub-total:       10,337       0	2 TTC000610 Environmental Programs												
3       TTC000920       Other Service Planning       0       <	2 1 Environmental Programs - Legislated	01/01/1996 12/31/20	19 10,337	0	0	0	0	0	0	0	0	10,337	0
0       6 Other Service Planning - SOGR       01/01/201412/31/2017       750       0       0       0       0       750       0       0       0         0       7 Other Service Planning - Legislated       01/01/201512/31/2025       200       0       0       0       0       0       200       <		Project Sub-total:	10,337	0	0	0	0	0	0	0	0	10,337	0
0       6 Other Service Planning - SOGR       01/01/201412/31/2017       750       0       0       0       0       750       0       0       0         0       7 Other Service Planning - Legislated       01/01/201512/31/2025       200       0       0       0       0       0       200       <	3 TTC000920 Other Service Planning												
0       7 Other Service Planning - Legislated       01/01/2015 12/31/2025       200       0       0       0       200       0		01/01/2014 12/31/20	17 750	0	0	0	0	0	750	0	0	C	0
3       TTC000921       Transit Shelters & Loops       0       1,250         3       TTC000921       Transit Shelters & Loops       0       0       0       0       0       0       0       0       1,250         0       4 Transit Shelters & Loops - SOGR       01/01/2013 12/31/2016       298       0       0       0       0       0       0       298         4       TTC000330       Yards and Roads - Various       Various       0       0       0       0       0       0       0       0       298	0 7 Other Service Planning - Legislated	01/01/201512/31/20	25 200	0	0	0	0	0	200	0	0	C	0
3       TTC000921       Transit Shelters & Loops       0       298       0       0       0       0       0       0       0       298         4       TTC000330       Yards and Roads - Various       Yards and Roads - Various     <	3 1 Other Service Planning - Improvement	01/01/1996 12/31/20	15 6,570	0	0	1,760	0	0	3,560	0	0	1,250	0
0       4 Transit Shelters & Loops - SOGR       01/01/201312/31/2016       298       0       0       0       0       0       0       0       298         Project Sub-total:       298       0       0       0       0       0       0       0       0       298         4       TTC000330       Yards and Roads - Various       V		Project Sub-total:	7,520	0	0	1,760	0	0	4,510	0	0	1,250	0
Animatic characterization         Description         Description <thdescription< th="">         Description         <thdescriptio< td=""><td>3 TTC000921 Transit Shelters &amp; Loops</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></thdescriptio<></thdescription<>	3 TTC000921 Transit Shelters & Loops												
4 TTC000330 Yards and Roads - Various	0 4 Transit Shelters & Loops - SOGR	01/01/2013 12/31/20	16 298	0	0	0	0	0	0	0	0	298	0
		Project Sub-total:	298	0	0	0	0	0	0	0	0	298	0
	4 TTC000330 Yards and Roads - Various												
		01/01/1997 12/31/20	4,110	0	0	0	0	0	0	0	0	4,110	0
Project Sub-total:         4,110         4,110		Project Sub-total:	4,110	0	0	0	0	0	0	0	0	4,110	0

(Phase 5) 20-Toronto Transit Commission

### Sub-Project Category: 01,02,03,04,05,06,07 Type: B Sub-Project Status: S2 Type: C Sub-Project Status: S2,S3,S4,S5 CITY OF TORONTO

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#### Appendix 5: 2016 Council Approved Capital Budget with Financing Detail

**Toronto Transit Commission** 

Sub-Project Summary

Project/Financing			2016					Financ	ing				
Priority Project Project Name	Start Da	te Completio Date	n Cash Flow	Provincial Grants Subsidies	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From Current	Other 1	Other 2	Debt	Debt - Recoverable
4 TTS000392 Sheppard Subway													
4 1 Sheppard Subway - Expansion	01/01/199	96 12/31/201	9 3,706	0	0	0	0	0	0	0	0	3,706	6 0
	Project Su	ub-total:	3,706	0	0	0	0	0	0	0	0	3,706	6 0
Program Total:			1,115,000	133,501	159,812	16,466	147,084	0	39,915	33,449	0	584,773	3 0

#### Status Code Description

S2 S2 Prior Year (With 2016 and\or Future Year Cashflow)

S3 S3 Prior Year - Change of Scope 2016 and\or Future Year Cost\Cashflow)

S4 S4 New - Stand-Alone Project (Current Year Only)

S5 S5 New (On-going or Phased Projects)

#### Category Code Description

01 Health and Safety C01

02 Legislated C02

03 State of Good Repair C03

04 Service Improvement and Enhancement C04

05 Growth Related C05

06 Reserved Category 1 C06

07 Reserved Category 2 C07

### Appendix 6

## **Reserve / Reserve Fund Review**

# Table 12: Reserve / Reserve Fund Review - Corporate (\$000s)

							Contri	butions / (Wit	hdrawls)				
Reserve / Reserve Fund Name	Project / Sub-Project Name and Number	Projected Balance as of Dec 31, 2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2016 - 2025 Total Contributions / (Withdrawls)
Capital Financing Reserve -	Beginning Balance	319,993	319,993	241,316	4,314	(93,275)	(97,604)	(45,009)	68,441	181,891	20,691	36,691	
XQ0011													
	(Withdrawls)												
	Bridges and Tunnels		(33,441)	(41,969)	(29,100)	(5,575)							(110,085)
	Bus Overhaul		(7,907)	-	-	-							(7,907)
	Equipment		-	(33,469)	(28,619)	-							(62,088)
	Fire Ventilation Upgrade		-	(2,269)	-	(9,144)							(11,413)
	Leslie Barns Streetcar												
	Maintenance and Storage												
	Facility		(1,366)										(1,366)
	Other Buildings and Structures		-	(13,071)	(12,355)	(19,636)	(4,974)						(50,036)
	Purchase of Streetcars		-	(18,593)	-	(13,625)	-						(32,218)
	Signal Systems		(7,183)	(14,749)	(15,954)	(9,987)	(2,587)						(50,460)
	Subway Car Overhaul Program		(58,235)	(2,461)	(5,935)	(6,061)	(6,524)						(79,216)
	Subway Track		-	(17,961)	(19,000)	(35,595)	(15,634)						(88,190)
	Surface Track		-	-	(4,092)	-	(16,480)						(20,572)
	Toronto Rocket Yard and Storage												
	Track Accommodation		(22,922)	(23,953)	(4,452)	(14,150)	(13,718)						(79,195)
	Traction Power		(16,030)	(19,394)	-	-	-						(35,424)
	Yards and Roads		-	(8,028)	(10,765)	(1,900)	-						(20,693)
	Total Withdrawls		(147,084)	(195,917)	(130,272)	(115,673)	(59,917)	-					(648,863)
	Total Contributions		165,980	100,000	90,000	155,000	155,000	155,000	155,000	155,000	75,000	75,000	1,280,980
Other Program / Agency Net W			(97,573)	(141,085)	(57,317)	(43,656)	(42,488)	(41,550)	(41,550)	(316,200)	(59,000)	(59,000)	(899,419)
Total Reserve Fund Balance at Y	/ear-End	319,993	241,316	4,314	(93,275)	(97,604)	(45,009)	68,441	181,891	20,691	36,691	52,691	

							Contril	butions / (Wit	hdrawls)				
Reserve / Reserve Fund Name	Project / Sub-Project Name and Number	Projected Balance as of Dec 31, 2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2016 - 2025 Total Contributions / (Withdrawls)
Development Charge Funding -	Beginning Balance	69,845	69,845	105,331	61,386	18,197	992		659	14,205	46,518	80,237	
Transit XR2109 (2009)													
XR2025 (2004)	(Withdrawls)												
	McNIcoll Bus Garage Facility			(10,463)	(30,350)	(13,950)	(34,046)						(88,809)
	Leslie Barns Streetcar												
	Maintenance and Storage												
	Facility		(10,000)										(10,000)
	Toronto Rocket & Storage Track												
	Accomodation			(14,935)	(28,851)	(54,413)							(98,199)
	YUS ATC Resignalling		(4,706)	(57,823)	(27,189)		(5,619)						(95,337)
	BD ATC Resignalling						(20,350)	(25,000)	(38,879)	(23,719)	(27,271)		(135,219)
	Purchase of 375 Buses			(10,498)	(12,000)	(11,450)							(33,948)
	Purchase of 380 Buses						(4,000)	(38,000)	(11,626)	(9,300)	(5,648)		(68,574)
	Total Withdrawls for TTC		(14,706)	(93,719)	(98,390)	(79,813)	(64,015)	(63,000)	(50,505)	(33,019)	(32,919)		(530,086)
	Other Allocations for Waterfront												
	and Sheppard Subway Cost												
	Recovery		(7,270)	(7,270)	(6,577)								(21,117)
	Transfer to Waterfront Capital		(414)	(3,726)	-								(4,140)
	Total Withdrawls		(22,390)	(104,715)	(104,967)	(79,813)	(64,015)	(63,000)	(50,505)	(33,019)	(32,919)		(555,343)
	Total Contributions		57,876	60,770	61,778	62,608	63,023	63,659	64,051	65,332	66,638	67,971	633,706
Total Reserve Fund Balance at Y	/ear-End	69,845	105,331	61,386	18,197	992	-	659	14,205	46,518	80,237	148,208	

### **Appendix 6 - Continuation**

# Table 12: Reserve / Reserve Fund Review - Corporate (\$000s)

			Contributions / (Withdrawls)										
	Project / Sub-Project Name and	Projected Balance as of											2016 - 2025 Total Contributions /
Reserve / Reserve Fund Name	Number	Dec 31, 2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	(Withdrawls)
Development Charge Reserve	Beginning Balance	42,085	42,085	51,323	62,528	70,450	75,811	59,384	54,368	64,744	90,833	117,597	
Fund - Roads (XR2024,													
XR2110)	(Withdrawls)												
	Transit Priorities		(1,760)	(1,760)	(1,760)	(1,760)	(1,760)	(1,760)	(1,760)	(1,760)	(1,760)	(1,760)	(17,600)
	Total Withdrawls TTC		(1,760)	(1,760)	(1,760)	(1,760)	(1,760)	(1,760)	(1,760)	(1,760)	(1,760)	(1,760)	(17,600)
	Transportation		(17,819)	(18,072)	(22,220)	(25,209)	(47,211)	(36,128)	(20,938)	(5,887)	(5,887)	(5,887)	(205,258)
	Waterfront		(1,069)	(344)									(1,413)
	Total Withdrawls Other		(18,888)	(18,416)	(22,220)	(25,209)	(47,211)	(36,128)	(20,938)	(5 <i>,</i> 887)	(5,887)	(5,887)	(205,258)
	Total Withdrawls		(20,648)	(20,176)	(23,980)	(26,969)	(48,971)	(37,888)	(22,698)	(7,647)	(7,647)	(7,647)	(224,271)
Total Program Contributions / (Withdrawals)			29,886	31,381	31,902	32,330	32,544	32,872	33,074	33,736	34,411	35,099	(17,600)
Other Program / Agency Net Withdrawals and Contributions													-
Total Reserve Fund Balance at Year-End		42,085	51,323	62,528	70,450	75,811	59,384	54,368	64,744	90,833	117,597	145,049	