

APPENDIX A

2014-2018 CAPITAL BUDGET SUMMARY

BASE CAPITAL - PROGRAM ELEMENTS \$ millions	2014	2015	2016	2017	2018	2014 to 2018	2019	2020	2021	2022	2023	2019-2023	2014 to 2023
	BASE CAPITAL - PROGRAM ELEMENTS												
<i>Track:</i>	82,922	44,730	61,198	57,131	70,228	316,209	88,935	61,687	61,670	63,238	64,662	340,192	656,401
Subway Track	60,778	16,991	17,827	20,959	29,691	146,246	65,931	30,157	30,958	31,600	32,232	190,878	337,124
Surface Track	22,144	27,739	43,371	36,172	40,537	169,963	23,004	31,530	30,712	31,638	32,430	149,314	319,277
<i>Signals, Electrical, Communications:</i>	162,582	174,333	148,266	152,012	97,285	734,478	77,850	72,836	70,701	77,359	83,139	381,885	1,116,363
Traction Power	30,939	27,972	28,880	18,368	11,334	117,493	11,466	11,491	11,736	12,412	14,175	61,280	178,773
Power Distribution	6,714	7,686	7,435	8,332	8,023	38,190	5,670	5,515	5,506	5,232	5,396	27,319	65,509
Communications	26,372	31,918	18,247	13,955	10,153	100,645	6,252	2,257	2,073	2,281	2,316	15,179	115,824
Signal Systems	98,557	106,757	93,704	111,357	67,775	478,150	54,462	53,573	51,386	57,434	61,252	278,107	756,257
Energy Management	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Facilities and Structures:</i>	367,823	446,817	385,646	315,884	326,975	1,843,145	361,233	237,711	202,740	201,141	175,501	1,178,326	3,021,471
Finishes	18,471	18,326	16,164	14,955	15,550	83,466	27,592	30,462	30,925	31,354	20,800	141,133	224,599
Equipment	24,630	25,820	27,238	29,888	35,552	143,128	27,596	27,550	25,856	21,947	15,649	118,598	261,726
Yards & Roads	10,827	20,585	21,061	27,123	29,687	109,283	20,733	16,000	16,000	15,998	12,000	80,731	190,014
Bridges & Tunnels	47,688	48,303	44,591	40,058	44,482	225,122	48,668	48,593	50,872	51,587	50,643	250,363	475,485
Buildings & Structures	266,207	333,783	276,592	203,860	201,704	1,282,146	236,644	115,106	79,087	80,255	76,409	587,501	1,869,647
<i>Computers:</i>	34,893	38,348	68,460	62,533	57,164	261,398	34,292	30,048	18,831	17,668	13,888	114,727	376,125
Corporate Systems	34,893	38,348	68,460	62,533	57,164	261,398	34,292	30,048	18,831	17,668	13,888	114,727	376,125
<i>Equipment:</i>	27,216	20,013	18,849	15,062	7,744	88,884	12,890	8,376	6,376	6,255	6,559	40,456	129,340
Shop Equipment	6,078	2,613	2,774	2,902	2,581	16,948	2,736	2,663	2,603	2,545	2,562	13,109	30,057
Revenue & Fare Handling Equipment	5,181	1,795	1,840	1,904	2,013	12,733	2,099	2,210	2,328	2,453	2,585	11,675	24,408
Other Maintenance Equipment	5,889	1,021	1,025	1,020	1,020	9,975	1,020	1,020	1,020	1,020	1,020	5,100	15,075
Fare System	9,866	13,918	13,001	8,750	1,775	47,310	6,763	1,800	-	-	-	8,563	55,873
Furniture & Office Equipment	0,202	0,666	0,209	0,486	0,355	1,918	0,272	0,683	0,425	0,237	0,392	2,009	3,927
<i>Other:</i>	11,483	9,851	10,229	11,519	12,039	55,121	6,637	6,703	6,868	5,281	5,091	30,580	85,701
Environmental	6,113	7,216	7,594	8,883	10,004	39,810	4,602	4,668	4,833	3,246	3,056	20,405	60,215
Service Planning	5,370	2,635	2,635	2,636	2,035	15,311	2,035	2,035	2,035	2,035	2,035	10,175	25,486
Subtotal - Infrastructure	686,919	734,092	692,648	614,141	571,435	3,299,235	581,837	417,361	367,186	370,942	348,840	2,086,166	5,385,401
<i>Vehicles:</i>													
Purchase of Buses	126,422	65,139	68,178	71,459	74,851	406,049	261,176	163,308	171,100	179,277	93,871	868,732	1,274,781
Bus Overhaul	45,307	19,139	20,907	14,673	20,847	120,873	33,303	66,322	28,172	60,627	25,327	213,751	334,624
Purchase of Subway Cars	56,353	174,045	8,661	22,909	-	261,968	-	-	-	-	425,707	425,707	687,675
Subway Car Overhaul	46,670	46,216	38,785	20,053	13,697	165,421	13,986	14,340	14,641	12,398	12,140	67,505	232,926
Purchase of SRT Cars													
SRT Overhaul	1,922	-	-	-	-	1,922	-	-	-	-	-	-	1,922
Purchase of Streetcars	187,438	141,613	117,219	125,603	109,029	680,902	216,300	130,946	9,415	-	-	356,661	1,037,563
Streetcar Overhaul	4,019	-	-	-	-	4,019	-	0,515	1,345	4,937	5,036	11,833	15,852
Purchase Non Revenue Vehicles	12,173	4,362	5,990	2,926	0,242	25,693	1,884	1,884	1,884	1,884	1,884	9,420	35,113
Rail Non-Revenue Vehicle Overhauls / Purchases	3,989	4,699	6,229	3,022	5,065	23,004	3,198	2,975	0,501	0,513	0,523	7,710	30,714
Subtotal - Vehicles	484,293	455,213	265,969	260,645	223,731	1,689,851	529,847	380,290	227,058	259,636	564,488	1,961,319	3,651,170
BASE PROGRAM - TOTAL	1,171,212	1,189,305	958,617	874,786	795,166	4,989,086	1,111,684	797,651	594,244	630,578	913,328	4,047,485	9,036,571
Toronto York Spadina Subway Extension	527,583	323,308	268,405			1,119,296	-	-	-	-	-	-	1,119,296
Scarborough Subway Extension	14,000	15,500	96,872	186,465	355,383	668,220	681,750	895,861	645,489	429,189	115,991	2,768,280	3,436,500
TOTAL - BASE, TYSSE & SSE	1,712,795	1,528,113	1,323,894	1,061,251	1,150,549	6,776,602	1,793,434	1,693,512	1,239,733	1,059,767	1,029,319	6,815,765	13,592,367

Note: columns and rows may not add exactly due to rounding

APPENDIX C

TTC 2014-2018 CAPITAL BUDGET REQUIREMENTS & SOURCES OF FUNDING

Assumptions: Expenditures based on proposed 2014-2023 Capital Budget - Preliminary Submission Version dated September 6, 2013

(\$ thousands)	2013	2014	2015	2016	2017	2018	2014-2018	2019	2020	2021	2022	2023	2019-2023	2013-2022	2014-2023
PROPOSED BUDGET															
PA															
Council Approved 2013-2022 Gross Budget - Jan 16/13	878,760	1,068,917	820,039	777,487	672,447	585,426	3,924,316	530,163	403,209	336,445	384,439	-	1,654,256	6,457,332	5,578,572
2014-2023 Gross Budget - Proposed	842,131	1,171,212	1,189,305	958,617	874,786	795,166	4,989,086	1,111,684	797,651	594,244	630,578	913,328	4,047,485	8,965,374	9,036,571
CHANGE FROM APPROVED	(36,629)	102,295	369,266	181,130	202,339	209,740	1,064,770	581,521	394,442	257,799	246,139	913,328	2,393,229	2,508,042	3,457,999
PROPOSED CURRENT BUDGET REQUEST															
State-of-Good-Repair / Safety	785,134	1,093,746	1,107,629	853,370	752,699	670,285	4,477,729	892,880	714,387	539,854	575,334	863,559	3,586,014	7,985,318	8,063,743
Legislative	29,720	38,747	51,057	63,152	72,666	75,251	300,873	58,855	49,879	51,505	52,359	46,266	258,864	543,191	559,737
Improvement	18,788	21,389	11,531	10,279	5,671	2,855	51,725	108,186	2,885	2,885	2,885	3,503	120,344	187,354	172,069
Capacity Enhancement	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Expansion	8,489	17,330	19,088	31,816	43,750	46,775	158,759	51,763	30,500	-	-	-	82,263	249,511	241,022
Vehicles	317,870	484,293	455,213	265,969	260,645	223,731	1,689,851	529,847	380,290	227,058	259,636	564,488	1,961,319	3,404,552	3,651,170
Infrastructure / Other	524,261	686,919	734,092	692,648	614,141	571,435	3,299,235	581,837	417,361	367,186	370,942	348,840	2,086,166	5,560,822	5,385,401
Total Gross - Base Capital Program Request ^{1/2}	842,131	1,171,212	1,189,305	958,617	874,786	795,166	4,989,086	1,111,684	797,651	594,244	630,578	913,328	4,047,485	8,965,374	9,036,571
Funding Sources															
Provincial gas tax ¹⁰	71,617	71,416	71,416	71,416	71,416	71,416	357,080	71,416	71,416	71,416	71,416	71,416	357,080	714,361	714,160
Canada Strategic Infrastructure Fund (CSIF) ⁷	18,715	-	-	-	-	-	-	-	-	-	-	-	-	18,715	-
Capital Reserve ³	-	-	57,946	-	-	-	57,946	-	-	-	-	-	-	57,946	57,946
MetroInx Quick Wins ³	92,330	39,476	2,213	2,143	-	-	43,831	-	-	-	-	-	-	136,161	43,831
204 LRV Funding ⁵	35,297	42,868	36,167	34,705	37,948	33,110	184,798	22,346	-	-	-	-	22,346	242,440	207,144
Total Provincial Funding	217,958	153,760	167,742	108,264	109,364	104,526	643,655	93,762	71,416	71,416	71,416	71,416	379,426	1,169,623	1,023,081
Base Federal Gas Tax - 5 cent (population) ¹¹	154,367	154,367	154,367	154,367	154,367	154,367	771,835	154,367	154,367	154,367	154,367	154,367	771,835	1,543,670	1,543,670
Canada Strategic Infrastructure Fund (CSIF) ⁷	6,833	3,348	-	-	-	-	3,348	-	-	-	-	-	-	10,181	3,348
Total Federal Funding	161,200	157,715	154,367	154,367	154,367	154,367	775,183	154,367	154,367	154,367	154,367	154,367	771,835	1,553,851	1,547,018
TTC internal (depreciation) ¹⁴	28,403	31,707	33,959	30,395	25,968	24,119	146,147	20,431	20,919	23,029	23,009	22,888	110,277	261,939	256,424
Development charges ¹⁶	42,351	43,694	22,432	31,914	24,288	36,110	158,438	32,634	33,576	29,969	33,728	57,595	187,502	330,696	345,940
Total Other Funding	70,754	75,401	56,391	62,309	50,256	60,229	304,585	53,065	54,495	52,998	56,737	80,483	297,779	592,635	602,364
City Debt Target - CFO Recommended	416,527	388,355	273,212	275,366	203,891	170,679	1,311,503	125,782	80,536	77,291	131,613	151,613	566,835	2,143,252	1,878,338
City Carryforward - Deferred Debt Issued	83,483	167,791	-	-	-	-	167,791	-	-	-	-	-	-	251,274	167,791
Sub-Total City / Other Funding	570,764	631,547	329,603	337,675	254,147	230,908	1,783,879	178,847	135,031	130,289	188,350	232,096	864,614	2,987,161	2,648,493
City Funding - Reserve Funds (asset monetization) - 1	60,000	210,000	180,000	125,000	80,000	-	595,000	-	-	-	-	-	595,000	655,000	595,000
City Funding - Reserve Funds (asset monetization) - 2	-	42,294	48,085	69,543	84,614	114,115	358,651	115,673	59,917	-	-	-	175,590	534,241	534,241
Total City / Other Funding	630,764	883,841	557,688	532,218	418,761	345,023	2,737,530	294,520	194,948	130,289	188,350	232,096	1,040,204	4,176,402	3,777,734
Total Funding	1,009,922	1,195,316	879,797	794,848	682,492	603,916	4,156,369	542,649	420,731	356,072	414,133	457,879	2,191,465	6,899,877	6,347,834
Funding Shortfall/(Surplus)	(167,791)	(24,104)	309,508	163,769	192,294	191,250	832,717	569,035	376,920	238,172	216,445	455,449	1,856,020	2,065,497	2,688,737
Government Funding Share of Gross Expenditures							832,717						1,856,020	2,065,497	2,688,737
Prov	26%	13%	14%	11%	13%	13%		8%	9%	12%	11%	8%			
Fed	19%	13%	13%	16%	18%	19%		14%	19%	26%	24%	17%			
City	75%	75%	47%	56%	48%	43%		26%	24%	22%	30%	25%			
Short/(Surplus)	(20)%	(2)%	26%	17%	22%	24%		51%	47%	40%	34%	50%			

GROSS EXPENDITURES

FUNDING SOURCES

APPENDIX D

**TTC 2014-2023 Unfunded Projects
Summary of Changes - Cash Flow by Year**

\$000s	2014	2015	2016	2017	2018	2014-2018	2019	2020	2021	2022	2023	2014-2023
TTC Budget and Plan Request	1,171,212	1,189,305	958,617	874,786	795,166	4,989,086	1,111,684	797,651	594,244	630,578	913,328	9,036,571
Proposed gross costs below the line:						-						-
372 Replacement Subway Cars						-					(425,707)	(425,707)
58 Wheel-Trans Buses					534	534	1,965	(12,381)		(12,189)		(22,071)
135 Buses for Service Improvements						-	(105,276)					(105,276)
Buses (Revert to 18 Year Life) *		(29,222)	(37,185)	(24,953)	(74,851)	(166,211)	(155,875)	(163,308)	(171,100)	(179,277)	(93,871)	(929,642)
Bus Rebuilds (to support 18 year life)	7,168	27,604	27,732	59,883	48,592	170,979	48,926	7,486	9,217	3,977	19,181	259,766
60 New LRVs	(51,724)					(51,724)	(160,819)	(130,946)	(9,415)			(352,904)
Fire Ventilation Upgrade	2,806	(7,485)	(23,842)	(12,550)	(14,372)	(55,443)	(16,765)	(21,303)	(19,822)	(19,545)	(26,212)	(159,090)
McNicol New Bus Garage (Phase 2)	8,000	25,000	10,000	(25,300)	(45,000)	(27,300)	(45,000)	(28,700)				(101,000)
Station Finish Renewal Program	-	-	-	-	(1,500)	(1,500)	(4,750)	(9,500)	(10,000)	(10,000)	(10,000)	(45,750)
Train Door Monitoring System - T1 & TR	(13,803)	(22,506)	(15,166)	-	-	(51,475)	-	-	-	-	-	(51,475)
SMS Work Order System SOGR		(200)	(800)	(2,000)	(2,000)	(5,000)	(5,000)	(5,000)				(15,000)
Easier Access III					(5,442)	(5,442)	(51,752)	(44,911)	(46,372)	(48,813)	(42,710)	(240,000)
Subway Track					(10,000)	(10,000)	(10,000)	(10,000)	(10,000)	(10,000)	(10,000)	(60,000)
Surface Track	(10,000)	(8,000)	(10,000)	(10,000)	(10,000)	(48,000)						(48,000)
Traction Power	(10,000)	(10,000)	(5,000)			(25,000)						(25,000)
Finishes		(10,000)				(10,000)		(10,000)	(10,000)	(10,000)		(40,000)
Equipment	(5,000)	(10,000)	(5,000)	(5,000)	(5,000)	(30,000)	(5,000)	(5,000)	(5,000)	(5,000)	(5,000)	(55,000)
Bridges and Tunnels	(5,000)	(10,000)	(5,000)	(5,000)	(5,000)	(30,000)	(5,000)	(5,000)	(5,000)	(5,000)	(5,000)	(55,000)
On-Grade Paving		(5,000)	(5,000)	(5,000)	(5,000)	(20,000)	(5,000)	(5,000)	(5,000)	(5,000)	(5,000)	(45,000)
Building and Structures		(10,000)	-			(10,000)						(10,000)
Total Gross Change *	(77,553)	(69,809)	(69,261)	(29,920)	(129,039)	(375,582)	(519,346)	(443,563)	(282,492)	(300,847)	(604,319)	(2,526,149)
Net Request	1,093,659	1,119,496	889,356	844,866	666,127	4,613,504	592,338	354,088	311,752	329,731	309,009	6,510,422
Total Funding Sources Available	1,195,316	879,797	794,848	682,492	603,916	4,156,369	542,649	420,731	356,072	414,133	457,879	6,347,833
Additional Funding:												
Transportation DC Savings - Transit Priorities	1,760	1,760	1,760	1,760	1,760	8,800	1,760	1,760	1,760	1,760	1,760	17,600
Toronto Water Contribution to Leslie Bams	10,000					10,000						10,000
Debt Change due to DC Change	(41,694)	32,600	37,407	16,465	(19,622)	25,156	18,044	(13,062)	998	21,641	(57,595)	(4,818)
Revised Over / (Under) Debt Target	(71,723)	205,339	55,341	144,149	80,073	413,179	29,885	(55,341)	(47,078)	(107,803)	(93,035)	139,807

* 266 Enhancement buses currently below the base line but a decision will need to be made re: timing for next order - cash flow impact \$426 K 2022 and \$250.082 M in 2023 - Total \$250.508 M.