



Transportation Services

2017 2026 CAPITAL BUDGET AND PLAN OVERVIEW

Transportation Services maintains infrastructure comprised of 5,600 km of roads, 7,950 km of sidewalks, 900 bridges/culverts and 2,300 traffic control signals. The 2017 – 2026 Preliminary Capital Budget and Plan focuses on maintaining these assets in a state of good repair (SOGR). Specifically, SOGR funding of \$636.409 million is included for major road rehabilitation, \$713.909 million for local road rehabilitation and \$2.300 billion for the F. G. Gardiner expressway.

Included in the Preliminary 10-Year Capital Plan is an increased investment of \$794.978 million in debt funding for Transportation infrastructure directed toward projects that will address the accumulated backlog of state of good repair, primarily funding the new approach for the implementation of the Revised Strategic Rehabilitation Plan for the F.G. Gardiner Expressway which reflects the removal of the Federal funding that was originally anticipated.

New debt funding has also been added to leverage the Public Transportation Infrastructure Fund (PTIF) program for Road Safety, Cycling Infrastructure and TTC Surface Transit Operations.

The Preliminary 10-Year Capital Plan also includes funding that has been allocated for safety improvement projects such as Light Emitting Diode (LED) signal module conversions and growth projects such as Design Cherry Street Realignment and Bridges.

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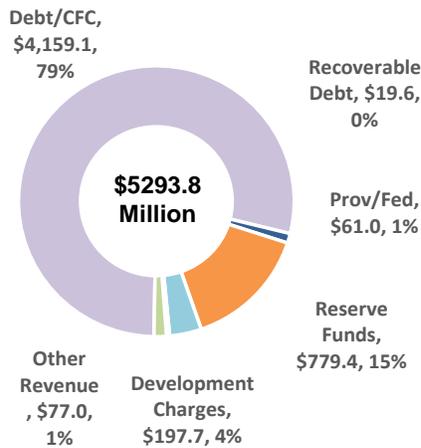
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Capital Spending and Financing

2017-2026 Capital Budget and Plan By Project Category



By Funding Source



Where the money goes:

The 2017–2026 Preliminary Capital Budget and Plan totalling \$5.294 billion provides funding for:

- A primary focus of the 2017-2026 Preliminary Capital Budget and Plan is to continue the state of good repair projects for transportation related infrastructure, including major and local roads, city bridges and sidewalks.
- Significant funding is also included over the 10-year period to rehabilitate, repair and maintain the F. G. Gardiner Expressway, incorporating the proposed new approach for the implementation of the Revised Strategic Rehabilitation Plan.
- Investments in Growth related initiatives in part to manage traffic congestion, with projects including the Six Points Interchange Redevelopment, Steeles Widening (Tapscott to Beare), Ingram Drive Extension, Scarlet/St. Clair/Dundas and Traffic Congestion Management for roadways / expressways.

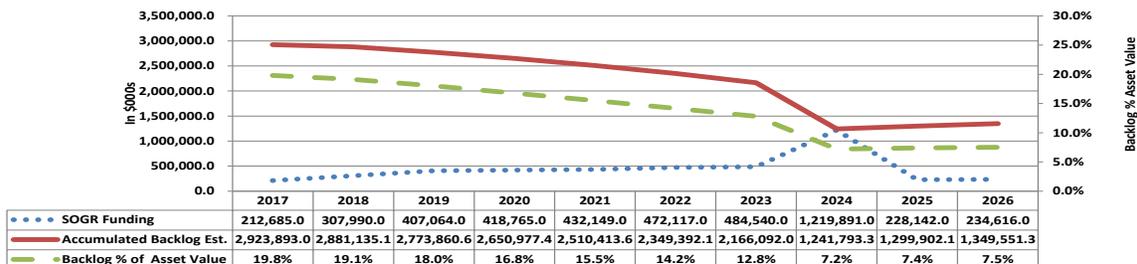
Where the money comes from:

The 10-Year Capital Plan requires:

- Debt funding of \$4.159 billion (78.6%), reflecting an increase in debt funding of \$794.978 million above the 2016-2025 debt funding total to increase investment in transportation priorities.
- Additional capital financing of \$779.441 million (14.7%) will be provided from reserve/reserve funds, primarily from the Capital Financing Reserve (\$744.733 million).
- Additional funding from Development Charges (\$197.706 million or 3.7%); recoverable debt (\$19.564 million or 0.4%); Fed/Prov funding (\$60.962 million or 1.2%) and third party funding (\$77.000 million or 1.5%).

State of Good Repair Backlog

The Preliminary 10-Year Capital Plan spending on State of Good Repair is \$4.418 billion which will decrease the accumulated backlog from \$2.869 billion in 2016 to an anticipated \$1.350 billion by 2026. When rehabilitation on the Gardiner is excluded (SOGR eliminated by 2024), the SOGR backlog for remaining transportation infrastructure will increase from \$568.965 million in 2016 to an anticipated \$1.350 billion in 2026.



Our Key Issues & Priority Actions

- **Addressing the State of Good Repair Backlog** estimated at \$568.965 million (excluding F. G. Gardiner) and is anticipated to grow to \$1.350 billion by 2026.

 - ✓ The Preliminary 10-Year Capital Plan includes funding of \$4.418 billion for SOGR funding to mitigate some of the growth in the accumulated backlog primarily for major and local roads and the rehabilitation of the F.G. Gardiner Expressway.

- **Management of Traffic Congestion in the City** as densification in the City of Toronto continues, the demands on the City's road network also increases.

 - ✓ The Preliminary 10-Year Capital Plan includes funding of \$515.119 million for growth related projects, including projects that help manage traffic congestion in areas that have experienced significant growth over recent years.



2017 Capital Budget Highlights

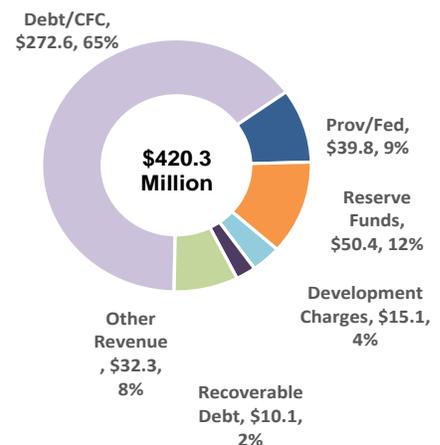
The 2017 Preliminary Capital Budget for Transportation Services of \$420.283 million, excluding carry forward funding, will:

- Begin the design for Cherry St. Realignment and Bridges (\$4.200 million); and projects leveraging the Public Transportation Infrastructure Fund (PTIF) program for Road Safety, Cycling Infrastructure and TTC Surface Transit Operations (\$79.540 million).
- Continue the Traffic Congestion Management project to expand the existing Intelligent Transportation Systems (ITS) to better manage congestion on arterial roadways and expressways (\$6.100 million).
- Continue health and safety projects such as audible pedestrian signals (\$2.300 million), new traffic control signals / devices (\$2.180 million) and major modifications to signals (\$2.290 million).
- Continue work on service improvement projects such as cycling infrastructure (\$9.205 million, excluding PTIF program cycling infrastructure), and advanced traffic signal control (\$1.350 million).

2017 Capital Budget By Project Category



By Funding Source



Actions for Consideration

Approval of the 2017 Preliminary Capital Budget as presented in these notes requires that:

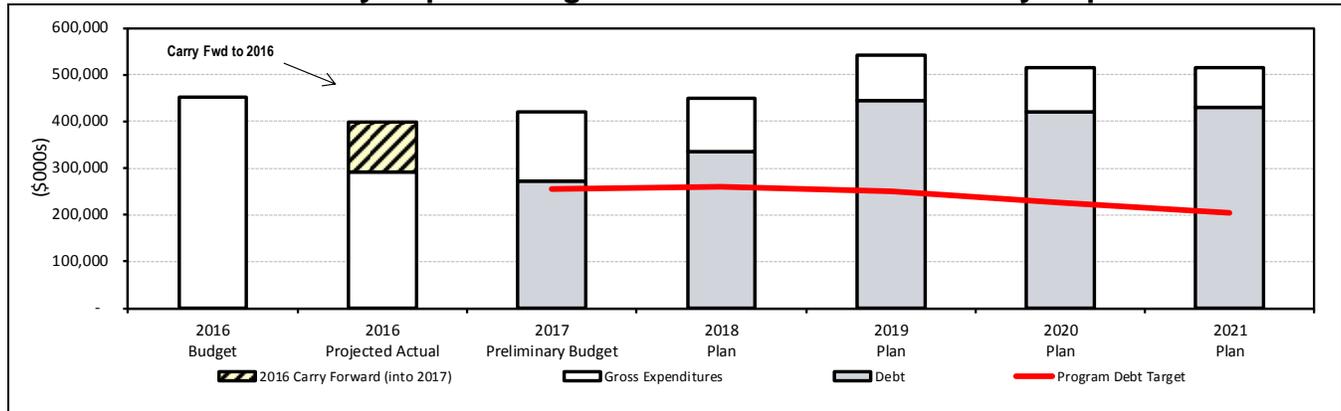
1. City Council approve the 2017 Capital Budget for Transportation Services with a total project cost of \$780.180 million, and 2017 cash flow of \$527.988 million and future year commitments of \$1.320 billion comprised of the following:
 - a) New Cash Flow Funds for:
 - i. 32 new / change in scope sub-projects with a 2017 total project cost of \$780.180 million that requires cash flow of \$138.749 million in 2017 and future year cash flow commitments of \$86.193 million for 2018; \$81.221 million for 2019; \$94.815 million for 2020; \$203.831 million for 2021; \$190.121 million for 2022; (\$9.750) million for 2023; and (\$5.000) million for 2024.
 - ii. 56 previously approved sub-projects with a 2017 cash flow of \$281.534 million; and future year cash flow commitments of \$231.880 million for 2018; \$207.379 million for 2019; \$164.406 million for 2020; \$41.055 million for 2021; \$17.573 million for 2022; \$13.040 million for 2023; \$1.490 million for 2024; and \$1.490 million for 2025.
 - b) 2016 approved cash flow for 45 previously approved sub-projects with carry forward funding from 2016 into 2017 totalling \$107.705 million.
2. City Council approve the 2018 - 2026 Capital Plan for Transportation Services totalling \$3.554 billion in project estimates, comprised of \$132.113 million in 2018; \$253.252 million for 2019; \$255.095 million for 2020; \$270.322 million for 2021; \$321.557 million for 2022; \$528.005 million for 2023; \$1.265 billion for 2024; \$261.583 million for 2025; and \$267.136 million in 2026.
3. City Council consider the operating costs of \$0.757 million net in 2017 resulting from the approval of the 2017 Preliminary Capital Budget for inclusion in the 2017 and future year operating budgets.
4. City Council direct that following condition assessments of existing capital infrastructure, the General Manager of Transportation Services incorporate any required adjustments to current accumulated state of good repair backlog for each of Transportation Services' asset categories as part of the 2018 Capital Budget process.
5. All sub-projects with third party financing be approved conditionally, subject to the receipt of such financing in 2017 and if such funding is not forthcoming, their priority and funding be reassessed by City Council relative to other City-financed priorities and needs.



Part 1:

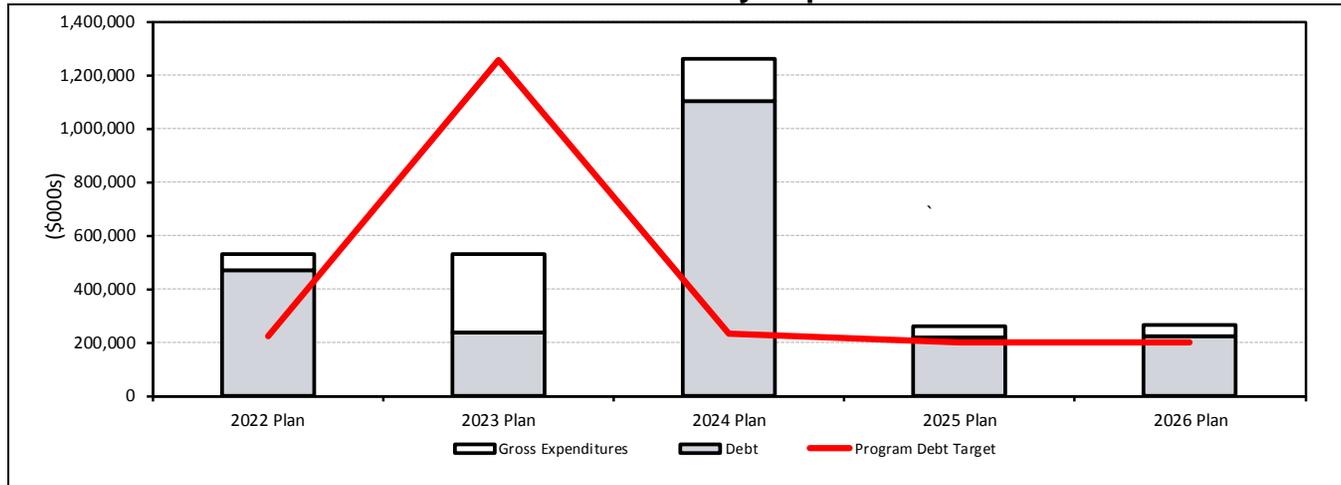
Preliminary 10-Year Capital Plan

**Figure 1a
10-Year Capital Plan
2017 Preliminary Capital Budget and 2018 - 2021 Preliminary Capital Plan**



	2016		2017 Prelim. Capital Budget and 2018 - 2021 Prelim. Capital Plan							5-Year Total Percent
	Budget	Projected Actual	2017	2018	2019	2020	2021	2017 - 2021		
Gross Expenditures:										
2016 Capital Budget & Approved FY Commitments	451,655	291,215	281,534	231,880	207,379	164,406	41,055	926,254	37.9%	
Changes to Approved FY Commitments								-		
2017 New/Change in Scope and Future Year Commitments			138,749	86,193	81,221	94,815	203,831	604,809	24.8%	
2018 - 2021 Capital Plan Estimates				132,113	253,252	255,095	270,322	910,782	37.3%	
2-Year Carry Forward for Reapproval								-		
1-Year Carry Forward to 2017		107,705								
Total Gross Annual Expenditures & Plan	451,655	289,690	420,283	450,186	541,852	514,316	515,208	2,441,845	100.0%	
Program Debt Target			255,714	259,429	250,056	226,941	204,176	1,196,316		
Financing:										
Debt			272,586	335,212	444,743	419,419	430,823	1,902,783	77.9%	
Reserves/Reserve Funds			50,379	69,641	46,716	45,080	44,673	256,489	10.5%	
Development Charges			15,146	24,944	38,762	43,533	35,412	157,797	6.5%	
Provincial/Federal			39,770	9,942	-	-	-	49,712	2.0%	
Debt Recoverable			10,102	147	7,331	1,984	-	19,564	0.8%	
Other Revenue			32,300	10,300	4,300	4,300	4,300	55,500	2.3%	
Total Financing			420,283	450,186	541,852	514,316	515,208	2,441,845	100.0%	
By Project Category:										
Health & Safety			12,598	10,635	8,673	8,685	8,696	49,287	2.0%	
Legislated								-		
SOGR			212,685	307,990	407,064	418,765	432,149	1,778,653	72.8%	
Service Improvement			99,020	38,306	18,084	16,359	16,384	188,153	7.7%	
Growth Related			95,980	93,255	108,031	70,507	57,979	425,752	17.4%	
Total by Project Category			420,283	450,186	541,852	514,316	515,208	2,441,845	100.0%	
Asset Value (\$) at year-end	14,418,774		14,770,119	15,073,121	15,403,084	15,799,745	16,191,740	16,191,740		
Yearly SOGR Backlog Estimate (not addressed by current plan)			55,262	(42,758)	(107,274)	(122,883)	(140,564)	(358,217)		
Accumulated Backlog Estimate (end of year)	2,868,631		2,923,893	2,881,135	2,773,861	2,650,977	2,510,414	2,510,414		
Backlog: Percentage of Asset Value (%)	19.9%		19.8%	19.1%	18.0%	16.8%	15.5%			
Debt Service Costs			4,089	34,286	44,682	56,069	53,582	192,709		
Operating Impact on Program Costs			757					757		
New Positions										

Table 1b
10-Year Capital Plan
2022 - 2026 Preliminary Capital Plan



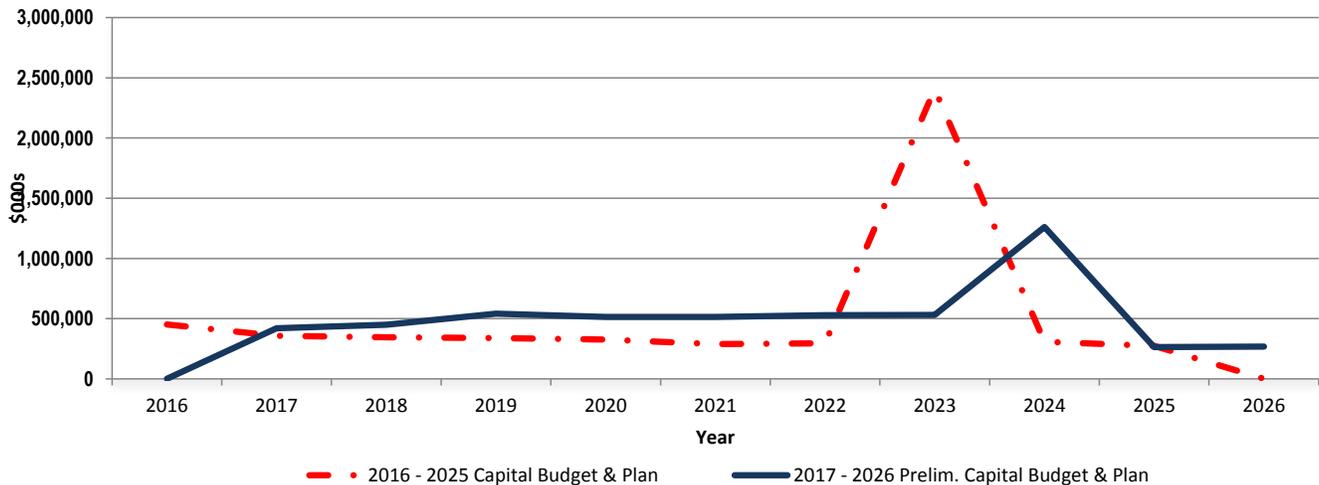
	2022 - 2026 Preliminary Capital Plan						
	2022	2023	2024	2025	2026	2017 - 2026	10-Year Total Percent
Gross Expenditures:							
2016 Capital Budget & Approved FY Commitments	17,573	13,040	1,490	1,490	-	959,847	18.1%
Changes to Approved FY Commitments							
2017 New/Change in Scope and Future Year Commitments	190,121	(9,750)	(5,000)	-		780,180	14.7%
2022 - 2026 Capital Plan Estimates	321,557	528,005	1,264,693	261,583	267,136	3,553,756	67.1%
2-Year Carry Forward for Reapproval						-	
Total Gross Annual Expenditures & Plan	529,251	531,295	1,261,183	263,073	267,136	5,293,783	100.0%
Program Debt Target	224,490	1,256,741	234,473	201,922	201,922	3,315,864	
Financing:							
Debt	469,963	240,422	1,102,801	219,444	223,697	4,159,110	78.6%
Reserves/Reserve Funds	44,705	271,987	139,720	33,253	33,287	779,441	14.7%
Development Charges	9,783	9,211	8,987	6,076	5,852	197,706	3.7%
Provincial/Federal	500	5,375	5,375	-	-	60,962	1.2%
Debt Recoverable	-	-	-	-	-	19,564	0.4%
Other Revenue	4,300	4,300	4,300	4,300	4,300	77,000	1.5%
Total Financing	529,251	531,295	1,261,183	263,073	267,136	5,293,783	100.0%
By Project Category:							
Health & Safety	8,708	8,719	8,732	8,743	8,755	92,944	1.8%
Legislated	-	-	-	-	-	-	-
SOGR	472,117	484,540	1,219,891	228,142	234,616	4,417,959	83.5%
Service Improvement	16,409	16,435	16,011	15,588	15,165	267,761	5.1%
Growth Related	32,017	21,601	16,549	10,600	8,600	515,119	9.7%
Total by Project Category	529,251	531,295	1,261,183	263,073	267,136	5,293,783	100.0%
Asset Value(\$) at year-end	16,574,875	16,906,373	17,256,500	17,601,630	17,953,663	17,953,663	
Yearly SOGR Backlog Estimate (not addressed by current plan)	(161,021)	(183,300)	(924,299)	58,109	49,649	(1,519,080)	
Accumulated Backlog Estimate (end of year)	2,349,392	2,166,092	1,241,793	1,299,902	1,349,551	1,349,551	
Backlog: Percentage of Asset Value (%)	14.2%	12.8%	7.2%	7.4%	7.5%		
Debt Service Costs	55,588	55,193	47,832	122,620	28,001	501,942	
Operating Impact on Program Costs						757	
New Positions							

Key Changes to the 2016 - 2025 Approved Capital Plan

The 2017 Preliminary Capital Budget and the 2018 – 2026 Preliminary Capital Plan reflects a decrease of \$99.515 million in capital funding from the 2016 - 2025 Approved Capital Plan.

The chart and table below provide a breakdown of the \$99.515 million or 1.8% decrease in the Capital Program on an annual basis from 2016 to 2026.

**Chart 1
Changes to the 2016 - 2025 Approved Capital Plan (In \$000s)**



(\$000s)	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	10-Year Total
2016 - 2025	451,665	358,187	344,311	339,777	326,024	289,755	294,879	2,406,729	307,261	274,710		5,393,298
2017 - 2026		420,283	450,186	541,852	514,316	515,208	529,251	531,295	1,261,183	263,073	267,136	5,293,783
Change %		17.3%	30.7%	59.5%	57.8%	77.8%	79.5%	(77.9%)	310.5%	(4.2%)		(1.8%)
Change \$		62,096	105,875	202,075	188,292	225,453	234,372	(1,875,434)	953,922	(11,637)		(99,515)

As made evident in the chart above, the \$99.515 million decrease in the Capital Program is entirely attributed to a the difference in capital spending approved in 2016 as compared to planned capital investments in the year 2026.

The Capital Program also reflects the reallocation of funding from 2023 to other years throughout the 10-year period for Gardiner construction costs which incorporates the new approach for the implementation of the Revised Strategic Rehabilitation Plan for the F.G. Gardiner Expressway.

As reflected in Table 2 on the following page, changes to the 2016 – 2025 Approved Capital Plan, specifically the \$85.014 million increase in capital funding over the nine common years of the Capital Plans (2017 – 2025) arise from the level of increased investment in Transportations Services' capital projects, based on the following factors:

- Additional funding required to leverage the Public Transportation Infrastructure Fund program for Road Safety, Cycling Infrastructure and TTC Surface Transit Operations, and the design for Cherry St. Realignment and Bridges.
- As well, the Program revised their need for cash flow funding for multiple long-term programs (roads, bridges, etc.) and growth projects based on project readiness and spending capacity by aligning to actual project timelines, and activities.

A summary of project changes for the years 2017 to 2025 totalling \$85.014 million are provided in Table 2 below:

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

\$000s	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2017 - 2025 Total
2016 - 2025 Capital Budget & Plan	451,665	358,187	344,311	339,777	326,024	289,755	294,879	2,406,729	307,261	274,710	-	4,941,633
2017 - 2026 Prelim. Capital Budget & Plan	-	420,283	450,186	541,852	514,316	515,208	529,251	531,295	1,261,183	263,073	267,136	5,026,647
Capital Budget & Plan Changes (2017 - 2025)		62,096	105,875	202,075	188,292	225,453	234,372	(1,875,434)	953,922	(11,637)		85,014

	Total Project Cost	2017	2018	2019	2020	2021	2022	2023	2024	2025	2017 - 2025	2026	Revised Total Project Cost
Previously Approved													
Accessible Pedestrian Signals (Audible Signals)												2,300	
Advanced Traffic Signal Control									(450)	(900)	(1,350)		
Bathurst Street Bridge Rehabilitation	28,313	(9,700)	(6,681)	(3,850)							(20,231)		8,082
City Bridge Rehabilitation			(6,488)	(7,334)	(7,367)	(6,560)	(5,438)	(14,228)	(10,475)	(2,418)	(60,308)		37,293
Cycling Infrastructure													8,303
Ditch Rehabilitation and Culvert Reconstruction													1,000
Don Valley Parkway Rehabilitation													2,558
Engineering Studies													3,038
F.G. Gardiner*	2,396,626	(17,820)	100,320	203,700	209,100	216,600	238,500	(1,846,200)	969,100	(29,000)	44,300		2,440,926
Facility Improvements													1,500
Growth Related Capital Works												300	
Ingram Drive Extension - Grade Separation	59,600	(2,750)	2,550	1,200	550	15,750	750	(9,750)	(5,000)				62,900
King Liberty Cycling Pedestrian Bridge	11,350	(1,750)	(3,200)										6,400
Laneways			(22)	(55)	27	54	82	110	139	168	503		1,998
LED Signal Module Conversion													1,000
Legion Road Extension & Grade Separation	45,000	490	980	14,140	(1,350)	(1,350)	(15,000)				(2,090)		42,910
Local Road Rehabilitation			(3,758)	(2,846)	(5,875)	(2,580)	553	(9,487)	(5,447)	6,173	(23,267)		89,348
Major Road Rehabilitation			1,639	498	2,056	2,543	3,801	(1,851)	(542)	7,344	15,488		69,460
Major SOGR Pooled Contingency		(391)	(537)	(676)	(735)	(728)	(733)	(1,422)	(1,338)	(1,338)	(7,898)		3,800
Neighbourhood Improvements			31	60	92	123	155	187	220	253	1,121		2,287
New Traffic Control Signals / Devices													2,180
North York Service Road	20,740	(5,000)		2,000	500	750	1,750						20,740
Pedestrian Safety and Infrastructure Programs			(6)	37	49	60	72	83	96	107	498		826
Port Union Road	5,000	(3,300)	1,650	1,650									5,000
Retaining Walls Rehabilitation			(11)	(24)	(5)	15	36	56	77	99	243		1,464
Salt Management Program													1,159
Scarlett/St Clair/Dundas	50,500	(7,700)	3,700	4,000	(8,000)		8,000						50,500
Sidewalks		747	1,012	1,357	1,307	2,808	3,051	3,298	3,548	3,803	20,931		18,208
Signs and Markings Asset Management													1,000
Third Party Signals		(600)	(600)	(600)	(600)	(600)	(600)	(600)	(600)	(600)	(5,400)		300
Traffic Calming			(3)	(5)		4	9	14	19	24	62		341
Traffic Congestion Management	47,240	(1,200)	(100)	1,300									47,240
Traffic Control - RESCU		(850)	(850)	(850)	(1,100)	(1,100)	(1,100)	(1,100)	(1,100)	(1,100)	(9,150)		
Traffic Plant Requirements/Signal Asset Management													5,700
Transportation Safety & Local Improvement Program			11	23	43	64	84	105	126	148	604		1,483
Upgrades To Meet New ESA Requirements		(400)	(400)	(400)	(400)	(400)	(400)	(400)	(400)	(400)	(3,600)		
Work for TTC & Others		28,000	6,000								34,000		4,000
Yonge Street/Highway 401 Interchange Improvements	25,000		(11,250)	(11,250)			1,000	10,751	10,749				25,000
Traffic Signals Major Modifications													2,290
North Queen New Street	13,000						(200)	(5,000)	(4,800)	6,000	(4,000)		4,000
Total Previously Approved		(22,224)	83,987	202,075	188,292	225,453	234,372	(1,875,434)	953,922	(11,637)	(21,194)	267,136	
New													
PTIF Projects		79,540	19,885									99,425	99,425
Design Cherry St Realignment and Bridges		4,200	1,400									5,600	5,600
System Enhancements for Road Repair & Permits		580	603									1,183	1,183
Total New		84,320	21,888								106,208		
Total Changes		62,096	105,875	202,075	188,292	225,453	234,372	(1,875,434)	953,922	(11,637)	85,014	267,136	

*The total project cost for the Gardiner reflects the 2012 - 2026 costs.

Significant Capital Project Changes in Transportation Services:

Cash flow funding for the following previously approved capital projects have been adjusted based on historical spending rates, capacity and expected progress in completion of the projects, and some have been allocated increased funding to address key priorities:

Project Cost Increases:

- Major Road Rehabilitation / Sidewalks – Based on thorough review of project readiness and historical spending capacity, these projects were increased to align with actual project timelines and activities.
- Work for TTC & Others – Reconstruction of TTC streetcar track allowances at various locations (fully recoverable from the TTC) has been increased significantly in anticipation of work proposed for 2017.

Project Cost Decreases:

- *City Bridge Rehabilitation / Major SOGR Pooled Contingency* – Based on thorough review of project readiness and historical spending capacity, these projects were decreased to align with actual project timelines and activities.
- *Local Road Rehabilitation* – In order to address budget pressures and improve the cash flow profile over the ten year period to better align with capacity and delivery efficiency, these projects were decreased over the ten year period, with most of the balance being reallocated to major roads.
- *Bathurst Street Bridge Rehabilitation* – Project funding was revised to reflect that the bridge is to be rehabilitated and not replaced.
- *Traffic Control (RESCU)* -The RESCU software is now being developed within Traffic Congestion Management. This project will start to be phased-out in 2017 and will be finished in 2019
- *Upgrades To Meet New ESA Requirements* – This project will be completed in 2016.
- *Third Party Signals* – Reduction to budget is required as third party clients are increasingly using City of Toronto's Approved Electrical Contractors to perform the work.
- *Advanced Traffic Signal Control* – First stage of the program is complete and the second stage began in 2016. The project will start to be phased-out in 2024 and will be finished in 2025.

Deferrals/Accelerations:

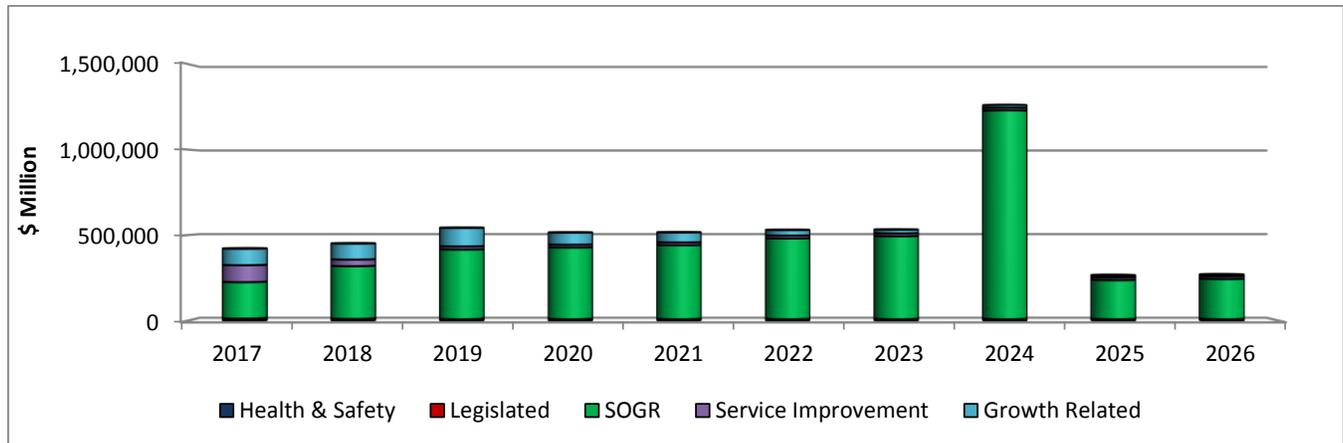
- *F.G. Gardiner* – Accelerated to incorporate the new approach for the implementation of the Revised Strategic Rehabilitation Plan for the F.G. Gardiner Expressway.
- *North Queen New Street* - Proposed timeline of project delivery revised.
- *Ingram Drive Extension & Grade Separation* – Deferred to reflect a later timeline of project initiation, with an accelerated schedule of implementation.
- *Yonge Street/Highway 401 Interchange Improvements* - Deferred to reflect review being undertaken by the Province regarding impacts to Highway 401.
- *Port Union Road* - Deferred start to reflect revised project delivery schedule.
- *Legion Road Extension & Grade Separation* – Accelerated start to reflect revised project delivery schedule.
- *Scarlett/St Clair/Dundas* - Deferred start to reflect revised project delivery schedule.
- *North York Service Road* – Deferred start to reflect revised project delivery schedule.

New Projects:

- *Public Transportation Infrastructure Fund program* - to leverage Federal funding for Road Safety, Cycling Infrastructure and TTC Surface Transit Operations projects.

2017 – 2026 Preliminary Capital Plan

Chart 2
2017 – 2026 Preliminary Capital Plan by Project Category (In \$000s)



As illustrated in the chart above, the Preliminary 10-Year Capital Plan for Transportation Services of \$5.294 billion predominately provides funding for SOGR and Growth Related projects, which represent 93.2% of total funding over the 10-year period.

- The level of funding for SOGR projects make up the largest category of projects in the Transportation Services' Preliminary 10-Year Capital Plan with funding totaling \$4.418 billion or 83.5% of the total planned cash flow of \$5.294 billion.
 - State of Good Repair projects include maintenance and rehabilitation work on bridges, expressways (F.G. Gardiner and Don Valley Parkway), major road rehabilitation and local road rehabilitation projects and sidewalk repairs.
- The level of funding for Growth Related projects account for 9.7% or \$515.119 million of the total Preliminary 10-Year Capital Plan's project expenditures.
 - Examples of Growth Related projects include the Steeles Widening (Tapscott Road - Beare Road), St Clair West/Metrolinx Georgetown Grade Separation, Legion Road Extension & Grade Separation, Scarlett/St Clair/Dundas Bridge, Lawrence-Allen Revitalization Project (Phase 1), Traffic Congestion Management, Ingram Drive Extension - Grade Separation, and the Six Points Interchange Redevelopment.

The following table details the capital projects, by category, included within the 2017 – 2026 Preliminary Capital Budget and Plan for Transportation Services:

Table 3
2017 - 2026 Capital Plan by Project Category (In \$000s)

	Total App'd Cash Flows to Date**	2017 Budget	2018 Plan	2019 Plan	2020 Plan	2021 Plan	2022 Plan	2023 Plan	2024 Plan	2025 Plan	2026 Plan	2017 - 2026 Total	Total Project Cost
Total Expenditures by Category													
Health & Safety													
<i>Accessible Pedestrian Signals (Audible Signals)</i>		2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	2,300	23,000	
<i>Guide Rail Replacement</i>	1,300	1,000	1,000									2,000	3,300
<i>Local Geometric Traffic Safety Improvements</i>	1,607	2,000										2,000	3,607
<i>New Traffic Control Signals / Devices</i>		2,180	2,180	2,180	2,180	2,180	2,180	2,180	2,180	2,180	2,180	21,800	
<i>Pedestrian Safety and Infrastructure Programs</i>		723	734	744	756	767	779	790	803	814	826	7,736	
<i>Salt Management Program</i>		1,105	1,131	1,159	1,159	1,159	1,159	1,159	1,159	1,159	1,159	11,508	
<i>Tactile Domes Installation</i>	1,000	1,000	1,000									2,000	3,000
<i>Traffic Signals Major Modifications</i>		2,290	2,290	2,290	2,290	2,290	2,290	2,290	2,290	2,290	2,290	22,900	
Sub-Total		12,598	10,635	8,673	8,685	8,696	8,708	8,719	8,732	8,743	8,755	92,944	
State of Good Repair													
<i>Bathurst Street Bridge Rehabilitation</i>	1,682	800	5,600									6,400	8,082
<i>City Bridge Rehabilitation</i>		33,491	33,993	33,503	34,021	34,546	35,079	35,621	36,170	36,727	37,293	350,444	
<i>Critical Interim Road Rehabilitation Pool</i>	16,000	8,000										8,000	24,000
<i>Ditch Rehabilitation and Culvert Reconstruction</i>		1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	10,000	
<i>Don Valley Parkway Rehabilitation</i>		2,435	2,496	2,558	2,558	2,558	2,558	2,558	2,558	2,558	2,558	25,395	
<i>Dufferin Street Bridge Rehabilitation</i>	600				550	550	12,620	12,630				26,350	26,950
<i>F.G. Gardiner*</i>	141,260	16,226	114,870	215,270	220,650	228,150	250,050	256,350	998,100			2,299,666	2,440,926
<i>Facility Improvements</i>		1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	15,000	
<i>Laneways</i>		2,193	2,226	1,800	1,827	1,854	1,882	1,910	1,939	1,968	1,998	19,597	
<i>Local Road Rehabilitation</i>		54,357	57,944	61,603	65,335	69,142	73,025	76,985	81,025	85,145	89,348	713,909	
<i>Major Road Rehabilitation</i>		58,121	59,283	60,470	61,678	62,912	64,170	65,454	66,763	68,098	69,460	636,409	
<i>Major SOGR Pooled Contingency</i>		3,800	3,800	3,800	3,800	3,800	3,800	3,800	3,800	3,800	3,800	38,000	
<i>Neighbourhood Improvements</i>		2,000	2,031	2,060	2,092	2,123	2,155	2,187	2,220	2,253	2,287	21,408	
<i>Retaining Walls Rehabilitation</i>		3,800	1,300	1,320	1,339	1,359	1,380	1,400	1,421	1,443	1,464	16,226	
<i>Sidewalks</i>		19,262	16,247	16,480	16,715	16,955	17,198	17,445	17,695	17,950	18,208	174,155	
<i>Traffic Plant Requirements/Signal Asset Management</i>		5,700	5,700	5,700	5,700	5,700	5,700	5,700	5,700	5,700	5,700	57,000	
Sub-Total		212,685	307,990	407,064	418,765	432,149	472,117	484,540	1,219,891	228,142	234,616	4,417,959	
Service Improvements													
<i>Advanced Traffic Signal Control</i>		1,350	1,350	1,350	1,350	1,350	1,350	1,350	900	450		10,800	
<i>Cycling Infrastructure</i>		9,205	8,100	8,303	8,303	8,303	8,303	8,303	8,303	8,303	8,303	83,729	
<i>Engineering Studies</i>		4,500	4,500	4,538	3,038	3,038	3,038	3,038	3,038	3,038	3,038	34,804	
<i>LED Signal Module Conversion</i>		1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	10,000	
<i>PTIF Projects</i>		79,540	19,885									99,425	99,425
<i>Signs and Markings Asset Management</i>		1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	10,000	
<i>System Enhancements for Road Repair & Permits</i>		580	603									1,183	1,183
<i>Traffic Calming</i>		298	302	307	312	316	321	326	331	336	341	3,190	
<i>Traffic Control - RESCU</i>		250	250	250								750	
<i>Transportation Safety & Local Improvement Program</i>		1,297	1,316	1,336	1,356	1,377	1,397	1,418	1,439	1,461	1,483	13,880	
Sub-Total		99,020	38,306	18,084	16,359	16,384	16,409	16,435	16,011	15,588	15,165	267,761	
Growth Related													
<i>Design Cherry St Realignment and Bridges</i>		4,200	1,400									5,600	5,600
<i>Gardiner York/Bay/Yonge Reconfiguration</i>	15,300	19,250										19,250	34,550
<i>Georgetown South City Infrastructure Upgrades</i>	26,840	13,420	13,420	13,420	300	300	300	300	300	300	300	40,260	67,100
<i>Growth Related Capital Works</i>		300	300	300	300	300	300	300	300	300	300	3,000	
<i>Ingram Drive Extension - Grade Separation</i>	7,600	250	8,550	9,200	550	15,750	15,750	5,250				55,300	62,900
<i>King Liberty Cycling Pedestrian Bridge</i>	1,350	250	4,800									5,050	6,400
<i>LARP(Lawrence-Allen Revitalization Project)</i>	1,657	1,153	940	2,086	438							4,617	6,274
<i>Legion Road Extension & Grade Separation</i>		490	980	14,140	13,650	13,650						42,910	42,910
<i>Metrolinx Additional Infrastructure</i>			5,000	5,000								10,000	10,000
<i>North Queen New Street</i>							800	1,000	1,200	6,000	4,000	13,000	13,000
<i>North York Service Road Extension</i>	15,740			2,000	500	750	1,750					5,000	20,740
<i>Port Union Road</i>	800	900	1,650	1,650								4,200	5,000
<i>Regent Park Revitalization</i>	2,147	1,565	956	627	301	229	117					3,795	5,942
<i>Scarlett/St Clair/Dundas</i>	500	300	10,700	14,000	7,000	10,000	8,000					50,000	50,500
<i>Six Points Interchange Redevelopment</i>	26,500	11,002	20,829	18,778	2,988							53,597	80,097
<i>St Clair TMP:Keele to Old Weston</i>	2,000	4,000	2,000	12,000	12,000							30,000	32,000
<i>Steeles Widening (Tapscott Road - Beare Road)</i>	1,500	500	4,000	4,000	17,000	13,000						38,500	40,000
<i>Third Party Signals</i>		300	300	300	300	300	300	300	300	300	300	3,000	
<i>Traffic Congestion Management</i>	15,700	6,100	7,430	6,530	11,480							31,540	47,240
<i>Work for TTC & Others</i>		32,000	10,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	74,000	
<i>Yonge Street/Highway 401 Interchange Improvements</i>	2,500						1,000	10,751	10,749			22,500	25,000
Sub-Total		95,980	93,255	108,031	70,507	57,979	32,017	21,601	16,549	10,600	8,600	515,119	
Total Expenditures by Category (excluding carry forward)		420,283	450,186	541,852	514,316	515,208	529,251	531,295	1,261,183	263,073	267,136	5,293,783	

**Life to Date approved cash flows are provided for multi-year capital projects with cash flow approvals prior to 2017, excluding ongoing capital projects (i.e. Major Road Rehab projects)
*The total project cost for the Gardiner reflects the 2012 - 2026 costs.

2017 – 2026 Capital Projects

The Preliminary 10-Year Capital Plan supports Transportation Services' objectives of delivering and maintaining safe transportation systems, infrastructure development and maintenance of state of good repair projects, and optimizing the efficient operation of the transportation network.

Health and Safety

- Major Health and Safety projects include cash flow funding of \$92.944 million or 1.8% of the total Preliminary 10-Year Capital Plan.
 - *Major signal modifications* (\$22.900 million), *new traffic control signals* (\$21.800 million) and pedestrian related issues involving *accessible pedestrian signals (i.e. audible signals)* for \$23.000 million.

State of Good Repair (SOGR)

- The main focus of the Preliminary 10-Year Capital Plan is to ensure the State of Good Repair of the City's transportation infrastructure.
- SOGR projects account for \$4.417 billion or 83.5% of the total Preliminary 10-Year Capital Plan. Specific attention is being paid to the following priority projects:
 - *F.G. Gardiner Expressway rehabilitation* (\$2.300 billion) including the new approach for the implementation of the Revised Strategic Rehabilitation Plan for the F.G. Gardiner Expressway;
 - *Major and Local Road Rehabilitation* (\$1.350 billion);
 - *Bridge Infrastructure rehabilitation* (\$350.444 million);
 - *Sidewalk replacement* (\$174.155 million);
 - *Laneway rehabilitation* (\$19.597 million);
 - *DVP rehabilitation* (\$25.395 million); and
 - *Traffic plant maintenance* (\$57.000 million).

Service Improvements

- Service Improvement projects account for \$267.761 million or 5.1% of the total Preliminary 10-Year Capital Plan.
 - *Public Transportation Infrastructure Fund (PTIF) program* (\$99.425 million) to leverage the program for Road Safety, Cycling Infrastructure and TTC Surface Transit Operations.
 - *Cycling Infrastructure* (\$83.729 million) to deliver the Council endorsed Ten Year Cycling Network Plan, in addition to funding included in the Public Transportation Infrastructure Fund program above.

Growth Related

- Major Growth Related projects include cash flow funding of \$515.119 million or 9.7% of the total Preliminary 10-Year Capital Plan and consist of a number of different initiatives intended to accommodate growing infrastructure needs (majority are partially funded from Development Charges and Section 37 funding).
 - *Work for TTC and Others* involve the construction, reconstruction, adjustment and/or realignment of surface facilities at various locations in connection with work initiated by others (TTC, developers etc.), in conjunction with adjacent redevelopment. Funding in the amount of \$74.000 million is in the Preliminary 10-Year Capital Plan for these projects based on information provided to the City by the TTC.

- The *Legion Road Extension and Grade Separation* project has been included at a cost of \$42.910 million starting in 2017 and is expected to take five years for completion.
- Funding in the amount of \$38.500 million is required over five years for *Steeles Widenings (Tapscott Road - Beare Road)*. Currently, the City of Toronto is in negotiations with the Region of York and other municipalities to determine a shared cost agreement for this project as it benefits several jurisdictions.
- \$30.000 million has been allocated for the *St Clair West/Metrolinx Georgetown Grade Separation* project that was started in 2015 and will be completed in 2020.
- \$3.795 million is included in the Preliminary 10-Year Capital Plan for the *Regent Park Revitalization Plan* adopted by City Council in July 2003. This project is intended to redevelop and reintegrate the Regent Park community with the surrounding neighbourhood. Phases 1 and 2 of this project are currently underway.
- The *Six Points Interchange Redevelopment* project with a primary objective to simplify the road network and improve access to the Kipling Subway Station as a key inter-regional transit station for west end residents and for commuters living beyond the City boundaries. Transportation Services' 10-Year Capital Plan allocates \$53.597 million for this project.
- \$22.500 million is for the *Yonge Street / Highway 401 Interchange Improvements* project to address traffic congestion and improve traffic operations at this location. This is dependent on a review being undertaken by the Province regarding impacts to Highway 401.
- \$31.540 million is included in the Preliminary 10-Year Capital Plan for the *Traffic Congestion Management* project that is intended to expand the existing Intelligent Transportation Systems (ITS) to help manage congestion on arterial roadways and expressways.
- \$55.300 million in funding for the *Ingram Drive Extension – Grade Separation* project is included in the Preliminary 10-Year Capital Plan to begin implementation of a road extension within the Castlefield - Caledonia Design and Decor District to improve mobility and accessibility in this employment zone.
- The *Scarlett/St Clair/Dundas Bridge* project has been included at a cost of \$50.000 million started in 2016 and is expected to take seven years for completion.
- The *Gardiner York/Bay/Yonge Reconfiguration* project has been included at a cost of \$19.250 million, was started in 2015 and will be completed in 2017.

2017 Preliminary Capital Budget and Future Year Commitments

Included as a sub-set of the Preliminary 10-Year Capital Plan is the 2017 Capital Budget and Future Year Commitments, that consists of 2017 and future year cash flow for projects 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.

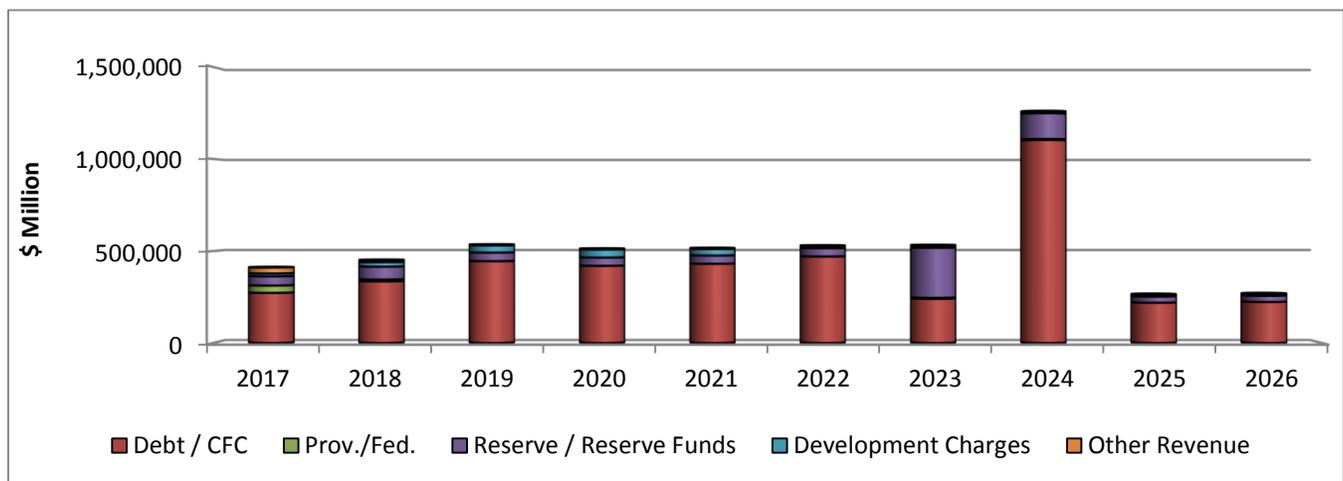
- Table 3a below lists the 2017 Preliminary Capital Budget and Future Year Commitments for Transportation Services:

Table 3a
2017 Cash Flow & Future Year Commitments (In \$000s)

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Total 2017 Cash Flow & FY Commits
Expenditures:											
Previously Approved											
Accessible Pedestrian Signals (Audible Signals)	1,490	1,490	1,490	1,490	1,490	1,490	1,490	1,490	1,490		13,410
Advanced Traffic Signal Control	488	533	546	617	33						2,217
Bathurst Street Bridge Rehabilitation	10,500	12,281	3,850								26,631
City Bridge Rehabilitation	33,491	30,611	30,628	20,694							115,424
Engineering Studies	1,500	1,500	1,500								4,500
F.G. Gardiner	13,196	3,000	20								16,216
F.G. Gardiner (AFP)	20,850	11,550	11,550	11,550	11,550	11,550	11,550				90,150
Gardiner York/Bay/Yonge Reconfiguration	19,250										19,250
Guide Rail Replacement	1,000	1,000									2,000
Ingram Drive Extension - Grade Separation	3,000	6,000	8,000								17,000
King Liberty Cycling Pedestrian Bridge	2,000	8,000									10,000
Laneways	2,193	1,720	1,391	900							6,204
LARP(Lawrence-Allen Revitalization Project)	1,153	940	2,086	438							4,617
Local Road Rehabilitation	54,357	46,445	48,337	35,605							184,744
Major Road Rehabilitation	58,121	43,368	44,979	29,811							176,279
Major SOGR Pooled Contingency	4,191	4,337	4,476	4,535	4,528	4,533					26,600
New Traffic Control Signals / Devices	177	192	197	202	12						780
Pedestrian Safety and Infrastructure Programs	50	50									100
Port Union Road	4,200										4,200
Retaining Walls Rehabilitation	2,521										2,521
Scarlett/St Clair/Dundas	8,000	7,000	10,000	15,000	10,000						50,000
Sidewalks	18,515	11,426	11,342	7,704							48,987
Six Points Interchange Redevelopment	11,002	20,829	10,500								42,331
Steeles Widening (Tapscott Road - Beare Road)	500	4,000	4,000	17,000	13,000						38,500
Tactile Domes Installation	1,000	1,000									2,000
Third Party Signals	58	63	65	66	4						256
Traffic Congestion Management	2,300	7,530	5,230	11,480							26,540
Traffic Plant Requirements/Signal Asset Management	5,023	5,479	5,617	5,700	342						22,161
Traffic Signals Major Modifications	1,408	1,536	1,575	1,614	96						6,229
Subtotal	281,534	231,880	207,379	164,406	41,055	17,573	13,040	1,490	1,490	-	959,847
Change in Scope											
Bathurst Street Bridge Rehabilitation	(9,700)	(6,681)	(3,850)								(20,231)
City Bridge Rehabilitation		(6,488)	(7,334)	(7,367)	(6,560)	(5,438)					(33,187)
F.G. Gardiner	(17,820)										-
Ingram Drive Extension - Grade Separation	(2,750)	2,550	1,200	550	15,750	750	(9,750)	(5,000)			3,300
King Liberty Cycling Pedestrian Bridge	(1,750)	(3,200)									(4,950)
Laneways		(22)	(55)	27	54	82					86
Legion Road Extension & Grade Separation	490	980	14,140	(1,350)	(1,350)	(15,000)					(2,090)
Local Road Rehabilitation		(3,758)	(2,846)	(5,875)	(2,580)	553					(14,506)
Major Road Rehabilitation		1,639	498	2,056	2,543	3,801					10,537
Major SOGR Pooled Contingency	(391)	(537)	(676)	(735)	(728)	(733)					(3,800)
North York Service Road Extension	(5,000)		2,000	500	750	1,750					-
Port Union Road	(3,300)	1,650	1,650								-
Scarlett/St Clair/Dundas	(7,700)	3,700	4,000	(8,000)		8,000					-
Sidewalks	747	1,759	2,104	2,054	3,555	3,798					14,017
Traffic Congestion Management	(1,200)	(100)	1,300								-
Subtotal	(48,374)	9,312	12,131	(18,140)	11,434	(2,437)	(9,750)	(5,000)	-	-	(50,824)
New w/Future Year											
Accessible Pedestrian Signals (Audible Signals)	810										810
Advanced Traffic Signal Control	862										862
City Bridge Rehabilitation		9,870	10,209	20,694	41,106	40,517					122,396
Critical Interim Road Rehabilitation Pool	8,000										8,000
Cycling Infrastructure	9,205										9,205
Design Cherry St Realignment and Bridges	4,200	1,400									5,600
Ditch Rehabilitation and Culvert Reconstruction	1,000										1,000
Don Valley Parkway Rehabilitation	2,435										2,435
Engineering Studies	3,000										3,000
Facility Improvements	1,500										1,500
Georgetown South City Infrastructure Upgrades	13,420										13,420

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Total 2017 Cash Flow & FY Commits
<i>Growth Related Capital Works</i>	300										300
<i>Laneways</i>		528	464	900	1,800	1,800					5,492
<i>LED Signal Module Conversion</i>	1,000										1,000
<i>Local Geometric Traffic Safety Improvements</i>	2,000										2,000
<i>Local Road Rehabilitation</i>		15,257	16,112	35,605	71,722	72,472					211,168
<i>Major Road Rehabilitation</i>		14,276	14,993	29,811	60,369	60,369					179,818
<i>Neighbourhood Improvements</i>	2,000										2,000
<i>New Traffic Control Signals / Devices</i>	2,003										2,003
<i>North York Service Road Extension</i>	5,000										5,000
<i>Pedestrian Safety and Infrastructure Programs</i>	673										673
<i>PTIF Projects</i>	79,540	19,885									99,425
<i>Regent Park Revitalization</i>	1,565										1,565
<i>Retaining Walls Rehabilitation</i>	1,279										1,279
<i>Salt Management Program</i>	1,105										1,105
<i>Sidewalks</i>		3,062	3,034	6,957	13,400	13,400					39,853
<i>Signs and Markings Asset Management</i>	1,000										1,000
<i>Six Points Interchange Redevelopment</i>			8,278	2,988							11,266
<i>St Clair TMP: Keele to Old Weston</i>	4,000	2,000	12,000	12,000							30,000
<i>System Enhancements for Road Repair & Permits</i>	580	603									1,183
<i>Third Party Signals</i>	242										242
<i>Traffic Calming</i>	298										298
<i>Traffic Congestion Management</i>	5,000										5,000
<i>Traffic Control - RESCU</i>	250										250
<i>Traffic Plant Requirements/Signal Asset Management</i>	677										677
<i>Traffic Signals Major Modifications</i>	882										882
<i>Transportation Safety & Local Improvement Program</i>	1,297										1,297
<i>Work for TTC & Others</i>	32,000	10,000	4,000	4,000	4,000	4,000					58,000
Subtotal	187,123	76,881	69,090	112,955	192,397	192,558	-	-	-	-	831,004
Total Expenditure	420,283	318,073	288,600	259,221	244,886	207,694	3,290	(3,510)	1,490	-	1,740,027
Financing:											
Debt/CFC	272,586	212,093	200,267	187,922	184,631	173,273	(8,424)	(3,674)	1,326		1,220,000
Debt Recoverable	10,102	147	7,331	1,984							19,564
Other	32,300	10,063	4,065	4,066	4,004	4,000					58,498
Reserves/Res Funds	50,379	66,610	43,656	41,988	41,550	41,550	11,550				297,283
Development Charges	15,146	19,218	33,281	23,261	14,701	(11,129)	164	164	164		94,970
Provincial/Federal	39,770	9,942									49,712
Total Financing	420,283	318,073	288,600	259,221	244,886	207,694	3,290	(3,510)	1,490	-	1,740,027

Chart 3
2017 – 2026 Preliminary Capital Plan by Funding Source (In \$000s)



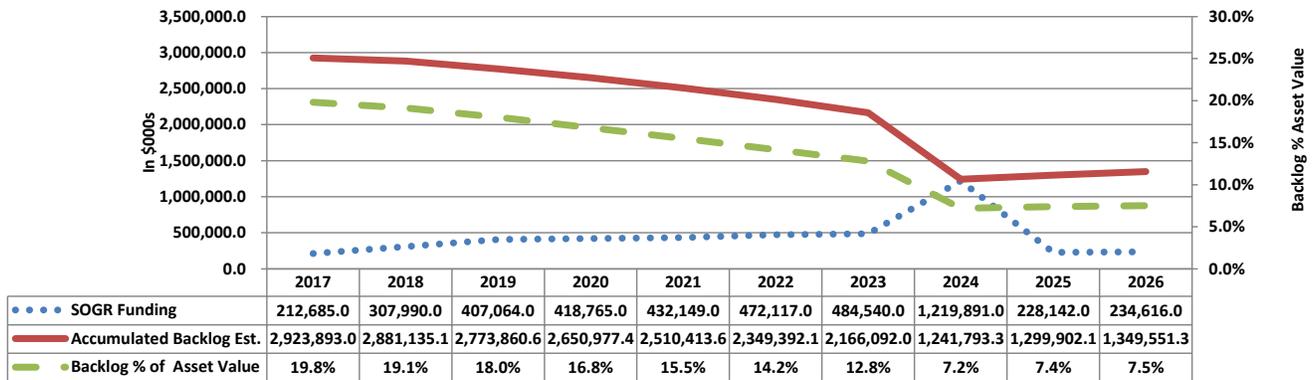
The Preliminary 10-Year Capital Plan of \$5.294 billion will be financed by the following sources:

- Debt, which accounts for \$4.159 billion or 78.6% of the financing over the 10-year period.

- Debt funding is \$794.978 million above the 2016-2025 debt funding total and \$843.246 million over the originally established debt guidelines across the 10-year period.
- This increased investment is to address priority transportation projects and incorporate the new approach for the implementation of the Revised Strategic Rehabilitation Plan for the F.G. Gardiner Expressway including the removal of \$820.0 million in Federal funding.
- Capital financing from reserves / reserve funds constitutes \$779.441 million or 14.7% of required funding over the 10 year period.
 - This funding source is primarily financed from proceeds from the use of surplus operating funds in accordance with the City's surplus distribution policy, anticipated contributions to Transportation Services from the MLTT revenue above the base estimates included in the 2017 Operating Budget, as well as anticipated future one-time dividends from Build Toronto and the Toronto Parking Authority.
 - Also included here is reserve funding for specific eligible projects (i.e. trails and cycling infrastructure, Six Points Interchange Redevelopment, Neighbourhood Improvements).
- Federal/Provincial funding of \$60.962 million or 1.2% of the Preliminary 10-Year Capital Plan's projected expenditures.
 - This investment is primarily related to the Public Transportation Infrastructure Fund program (Federal \$49.712 million) and the Yonge Street/Highway 401 Interchange Improvements project (Provincial \$11.250 million).
- Development Charges (DC) fund approximately 3.7% or \$197.706 million of the Preliminary 10-Year Capital Budget and Plan and are used for Growth Related and Service Improvement projects.
 - Development Charge funding for eligible growth projects has been maximized
- Recoverable Debt, which provides \$19.564 million or 0.4% of the Preliminary 10-Year Capital Budget and Plan's funding, is dedicated primarily to the following major capital projects:
 - Funding for the Gardiner York/Bay/Yonge Reconfiguration project includes \$10.000 million in recoverable debt that will be repaid when Section 37 funds are received.
 - The Six Points Interchange Redevelopment project includes \$9.564 million in recoverable debt that will be repaid when Build Toronto takes possession of the related properties.
- Other Third Party funding accounts for \$77.000 million or 1.5% of total financing and includes funding for traffic control signals, Metrolinx work and funding for TTC track replacement work on the City's right of ways, etc.

State of Good Repair (SOGR) Backlog

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



The Preliminary 10-Year Capital Plan dedicates \$4.418 billion to SOGR spending over 10-Year period, which on average is \$441.796 million annually.

- Transportation Services has stewardship over linear assets such as bridges, roads, expressways, sidewalks and traffic signals. A large portion of Transportation Services' infrastructure consists of roads and bridges that are 40 to 50 years old.
- At the end of 2016, Transportation Services will have a backlog of state of good repair work for infrastructure renewal estimated at \$2.869 billion, representing 19.9% of the asset replacement value (including a provisional asset value equal to the total project cost of \$3.623 billion for the F.G. Gardiner).
- The backlog is estimated based on field observations and an engineering assessment of the condition of the pavement or bridge structure and the estimated cost of rehabilitating this infrastructure.
- The individual locations that actually make-up the backlog continually change as infrastructure that has been rehabilitated is replaced on the backlog list by infrastructure that, in the meantime, has reached its useful life span.
- Addressing the backlog is also dependant on the capital programs of Toronto Water, TTC and utility companies, which have to be coordinated with the Transportation Services' Capital Program.
- The Preliminary 10-Year Capital Plan dedicates \$4.417 billion to address state of good repair, primarily for the F. G. Gardiner rehabilitation project.
- SOGR funding was added to the F. G. Gardiner Expressway, Major Roads Rehabilitation, Local Roads Rehabilitation and Sidewalk projects as part of the 2013, 2014, 2015 and 2016 Budget processes. Even still, when rehabilitation on the Gardiner is excluded (SOGR eliminated by 2024), the SOGR backlog for remaining transportation infrastructure will increase from \$568.965 million in 2016 to an anticipated \$1.350 in 2026.
 - It is anticipated that Transportation Services' SOGR backlog will continue to increase over the 10-year planning period based on newly completed field assessments because of the upcoming wave of aging infrastructure
- Similar to Transportation Services' condition assessments of local road capital infrastructure and sidewalks which resulted in significant increases in funding for Local Road Rehabilitation and Sidewalk projects as part

of the 2015 Budget Process, engineering assessments of the condition of bridge structures are currently underway and may result in increased SOGR funding needs as part of the 2018 Budget Process.

- In 2017, Transportation Services in consultation with Financial Planning will continue to develop a long term strategy to address Transportation Services' SOGR backlog. As part of this review, Transportation Services will continue to update condition assessments of existing capital infrastructure, incorporating any required updates to current backlog value levels.

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

Total	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
State of Good Repair Funding		(55,262)	42,758	107,274	122,883	140,564	161,021	183,300	924,299	(58,109)	(49,649)
Accumulated Backlog Est. (yr end)	2,868,631	2,923,893	2,881,135	2,773,861	2,650,977	2,510,414	2,349,392	2,166,092	1,241,793	1,299,902	1,349,551
Backlog %Asset Value	19.9%	19.8%	19.1%	18.0%	16.8%	15.5%	14.2%	12.8%	7.2%	7.4%	7.5%
Asset Value	14,418,774	14,770,119	15,073,121	15,403,084	15,799,745	16,191,740	16,574,875	16,906,373	17,256,500	17,601,630	17,953,663
*A provisional asset value equal to the total project cost of \$3.623 billion has been included for the F.G. Gardiner.											
*The \$2.299 billion backlog is based on the refined cost for the F.G. Gardiner. Additional SOGR funding of \$1.340 billion is required post 2026, but is not considered as backlog at this time.											
F.G. Gardiner											
State of Good Repair Funding		16,226	114,870	215,270	220,650	228,150	250,050	256,350	998,100		
Accumulated Backlog Est. (yr end)	2,299,666	2,283,440	2,168,570	1,953,300	1,732,650	1,504,500	1,254,450	998,100	0	0	-
Roads - Major											
State of Good Repair Funding		(10,609)	(7,257)	(51,437)	(44,905)	(38,738)	(32,496)	(21,517)	(21,071)	(15,459)	(16,677)
Accumulated Backlog Est. (yr end)	94,200	104,809	112,066	163,502	208,407	247,146	279,642	301,159	322,230	337,689	354,365
Roads - Local											
State of Good Repair Funding		(69,404)	(65,753)	(62,045)	(58,277)	(54,435)	(50,519)	(46,528)	(42,457)	(38,308)	(34,077)
Accumulated Backlog Est. (yr end)	363,625	433,029	498,781	560,826	619,103	673,538	724,057	770,585	813,042	851,350	885,427
Bridge Rehabilitation											
State of Good Repair Funding		1,086	(3,362)	883	515	426	(11,413)	(10,646)	(16,158)	(10,478)	(5,285)
Accumulated Backlog Est. (yr end)	38,167	37,081	40,444	39,560	39,046	38,620	50,032	60,678	76,836	87,314	92,599
Expressways (Excluding F.G. Gardiner)											
State of Good Repair Funding		2,319	2,319	2,435	2,496	2,558	2,558	2,558	2,558	2,558	2,558
Accumulated Backlog Est. (yr end)	64,488	62,169	59,850	57,415	54,919	52,361	49,803	47,245	44,687	42,129	39,571
Sidewalks											
State of Good Repair Funding		5,120	1,941	2,167	2,404	2,604	2,841	3,083	3,327	3,578	3,831
Accumulated Backlog Est. (yr end)	8,485	3,365	1,424	(743)	(3,147)	(5,751)	(8,592)	(11,675)	(15,002)	(18,580)	(22,410)

- The SOGR backlog is anticipated to decrease to \$1.350 billion by year-end 2026, representing 7.5% of the asset replacement value.
- For Bridge Rehabilitation, the SOGR backlog will increase from \$38.167 million in 2016 to \$92.599 million by 2026.
 - This is based on current information, however engineering assessments of the condition of bridge structures are currently underway and may result in further SOGR funding needs as part of the 2018 Budget Process.
- For Major and Local Roads, it is important to note that despite the additional level of SOGR funding provided in the 2013, 2014, 2015 and 2016 Budget Processes, the 2016 SOGR backlog is anticipated to increase from \$94.200 million in 2016 to \$354.365 million by 2026 for Major Roads and from \$363.625 million in 2016 to \$885.427 million by 2026 for Local Roads.

2017-Year Capital Plan: Net Operating Budget Impact

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

Projects	2017 Budget		2018 Plan		2019 Plan		2020 Plan		2021 Plan		2017 - 2021		2017 - 2026	
	\$000s	Positions	\$000s	Positions	\$000s	Positions	\$000s	Positions	\$000s	Positions	\$000s	Positions	\$000s	Positions
Previously Approved														
<i>Cycling Infrastructure</i>	457.1										457.1	-	457.1	-
<i>New Roads</i>	194.8										194.8	-	194.8	-
<i>New Sidewalks</i>	93.9										93.9	-	93.9	-
<i>Bridges</i>	10.8										10.8	-	10.8	-
Total (Net)	756.6	-	756.6	-	756.6	-								

The Preliminary 10-Year Capital Plan will increase future year Operating Budgets by a total of \$0.757 million net over the 2017 – 2026 period, as shown in the table above.

- In 2017, Transportation Services will require additional operating funding of \$0.757 million for maintaining new transportation infrastructure including roads, bridges and sidewalks.



Part 2:

Issues for Discussion

Issues Impacting the 2017 Capital Budget

Review of Capital Projects and Spending

- City Council, at its meeting of July 12, 2016 considered the report entitled "2017 Budget Process – Budget Directions and Schedule EX16.37" and directed staff to:
 - Submit their 2017 – 2026 Capital Budget and Plans requiring that annual cash flow funding estimates be examined to more realistically match cash flow spending to project activities and timing, especially in the first 5 years of the Capital Plan's timeframe.
- Based on Council's direction a detailed review of Transportation Services' 2017-2026 Capital Budget requirements and historical spending was completed and Transportation Services' 2017-2026 Preliminary Capital Budget and Plan was adjusted accordingly.
- As reflected in the table below, Transportation Services' over the 2012 to 2016 period experienced an average annual capital spend rate of 64.7% or \$245.417 million on an average annual Capital Budget of \$379.376 million. This reflects an improved spend rate mostly due to increases in year-end spend rates in 2014, 2015 and the 2016 projected year-end.

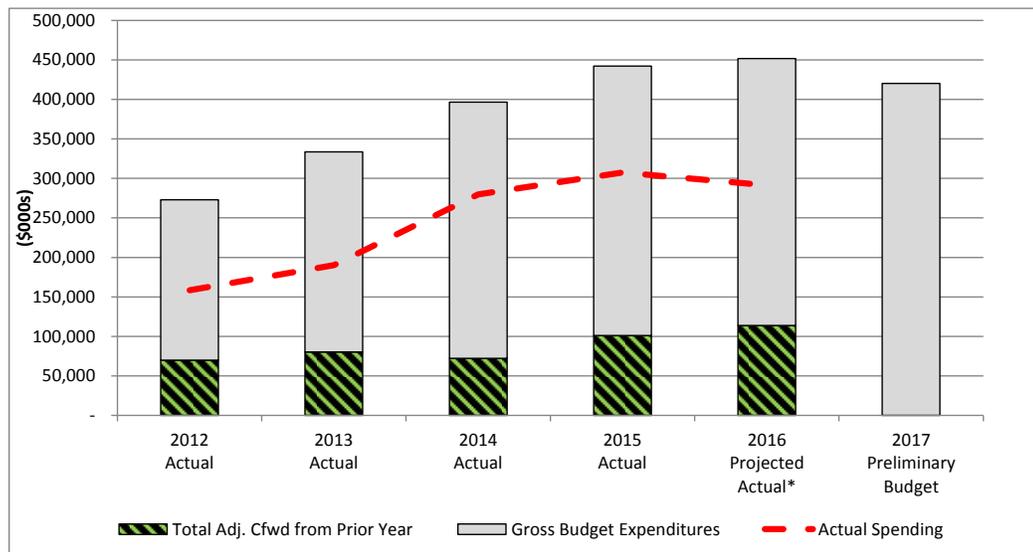
Capital Spending Rate (In \$000s)

Category	2012			2013			2014			2015			2016		Spending Rate 5 Year 2012-2016 Avg. %	
	Budget	Actual	Spending Rate %	Budget	Projected Actual *		Spending Rate %									
Health & Safety	12,922	6,311	48.8%	16,344	6,334	38.8%	20,172	10,175	50.4%	20,365	11,146	54.7%	23,071	15,002	65.0%	52.7%
Legislated			N/A			N/A			N/A			N/A			N/A	N/A
SOG	177,561	117,698	66.3%	213,060	149,048	70.0%	259,449	224,037	86.4%	270,518	233,402	86.3%	267,243	207,545	77.7%	78.4%
Service Improvement	32,627	15,976	49.0%	31,225	15,746	50.4%	30,682	20,914	68.2%	34,439	22,784	66.2%	39,757	26,639	67.0%	60.5%
Growth Related	49,727	18,465	37.1%	73,023	18,932	25.9%	86,214	24,722	28.7%	116,898	40,179	34.4%	121,583	42,028	34.6%	32.3%
Total	272,837	158,450	58.1%	333,652	190,060	57.0%	396,516	279,848	70.6%	442,221	307,512	69.5%	451,655	291,215	64.5%	64.7%

Note - 2016 Projection based on the 2016 Q3 Capital Variance Report

- Given the significant increase in funding approved for the prior 10-Year Capital Plans, Financial Planning, Engineering and Construction Services and Transportation Services reviewed capital budget strategies to assess capacity to spend and better align project funding levels with the proposed project budgets.
- The primary step taken to achieve the increased level of spending was applying a greater level of multiyear cash flow commitments for major ongoing capital work so that the Program could enter into longer term multiyear capital project awards, which would result in more consistent, higher level of annual capital spending.
- Additional strategies applied to further improve capital spending included:
 - The creation of capital contingency accounts for Major SOGR work that allows the Program to reduce overall contingencies across each individual project;
 - A review of annual cash flow for multiyear projects, ensuring they reflect historical spending patterns (initial years for design and feasibility followed by cash flow for construction consistent with typical project durations); and
 - A review of project preparedness, resulting in deferred/accelerated cash flows depending on anticipated commencement of construction.

**Capacity to Spend - Budget vs. Actual
(In \$000s)**



- The spending rate for Transportation Services' capital program is anticipated to increase in 2017 following the cash flow adjustments identified in a capital program review, which occurred as part of the 2017 Budget process.
- Based on this review, within the 10-year timeframe the capital budget was adjusted resulting in both the deferral of debt funding in the early years to later years and the reduction of \$76 million in debt funding.
 - The adjustments were primarily related to the following projects:
 - ✓ City Bridge Rehabilitation;
 - ✓ Ingram Drive Extension - Grade Separation;
 - ✓ King Liberty Cycling Pedestrian Bridge;
 - ✓ Local Road Rehabilitation;
 - ✓ Port Union Road;
 - ✓ Scarlett/St Clair/Dundas;
 - ✓ Major SOGR Pooled Contingency;
 - ✓ Bathurst Street Bridge Rehabilitation;
 - ✓ Major Road Rehabilitation:
 - ✓ Yonge Street/Highway 401 Interchange Improvements.
- Financial Planning Division and Transportation Services staff will continue to review actual expenditures for Transportation Services' projects and if required will develop mitigating strategies to improve annual spend rates in the future.

Public Transportation Infrastructure Fund (PTIF)

On March 22, 2016, the 2016 Federal Budget was announced and included a plan to invest more than \$120 billion in infrastructure over the next 10 years. 2016 Federal budget – March 22, 2016
<http://www.budget.gc.ca/2016/docs/plan/budget2016-en.pdf>.

- As part of Canada's New Infrastructure Plan, the government will focus primarily on infrastructure investments to modernize and rehabilitate public transit, water and wastewater systems, provide affordable housing, and protect existing infrastructure from the effects of climate change.
 - This phase of the Government's infrastructure plan proposes to provide \$11.9 billion over five years, including \$3.4 billion over three years to upgrade and improve public transit systems across Canada.
 - To get projects moving quickly, the Government announced that they will fund up to 50 per cent of eligible costs for projects. Funding under the Public Transit Infrastructure Fund (PTIF) program will be allocated to municipalities based on ridership.

Federal Public Transit Infrastructure Fund:
<http://www.infrastructure.gc.ca/plan/ptif-fitc/ptif-program-programme-eng>.
- In August 2016, the Government of Canada and the Government of Ontario signed a bilateral agreement that will provide Ontario with \$1.49 billion of Federal funding to cover up to 50 per cent of initiatives supported under this agreement.
 - In September 2016, the City of Toronto's allocation (Federal share) of \$856 million was confirmed by the Province of Ontario.
 - When including matching City funding, \$1.770 billion in capital projects City-wide have been identified as eligible for federal funding under the PTIF program, as follows:
 - ✓ TTC projects - \$1.363 billion, with a federal share of \$681.5 million;
 - ✓ City projects (Non-TTC) - \$407.4 million, with a federal share of \$151.6 million; and
 - ✓ \$23 million in remaining unapplied PTIF funding that will be identified as part of the 2017 Budget process.
- Based on the terms and conditions of this program, funding is available between April 1, 2016 and March 31, 2018 with provision (based on a demonstrated need) that a 1 year extension (to March 31, 2019) may be granted, provided that funds in the third year do not exceed 25% of the allocated amount (i.e. \$428 million).
 - Transportation Services' PTIF projects in the Preliminary 10-Year Capital Plan total \$99.425 million, with a federal share of \$49.713 million.
 - These projects include funding for: *Cycling Infrastructure* of \$83.945 million (\$41.973 million new debt added); *TTC Surface Transit Operations* of \$5.330 million (\$2.665 million new debt added); and, *Road Safety* of \$10.150 million (\$5.075 million new debt added).
- For additional information regarding the PTIF program, please refer to the attached link for the report entitled "Federal Infrastructure Funding - Phase 1 and 2" to be considered by City Council at its meeting on December 13, 2016.
 - The link to the report is provided below:

2016.EX20.4 - Federal Infrastructure Funding - Phase 1 and 2
<http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2016.EX20.4>

Unmet Capital Projects Included in the Preliminary 10-Year Capital Plan

- The Preliminary 2017 – 2026 Capital Budget and Plan includes increased funding of \$219.770 million for Transportation Services' projects that were identified as high priority unmet funding needs (partially through the PTIF program), as identified in the table below:

Capital Needs Added to the 2017 – 2026 Capital Budget and Plan (In \$000s)

Project Description	Criteria	Total Project Cost	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Road Safety Plan*	6	5,075	4,060	1,015								
Cycling Network Plan*	6	2,295	2,295									
Eglinton Connects LRT*	6	8,900	4,450	4,450								
Re-Imagining Yonge St. Sheppard to Finch*	8	4,000	4,000									
Design Cherry St Realignment and Bridges	4	5,600	4,200	1,400								
F. G. Gardiner - additional costs required for the Hybrid 3 option listed as unfunded	1	193,900				18,500	21,100	54,800	53,700	45,800		
Total		219,770	19,005	6,865	-	18,500	21,100	54,800	53,700	45,800		

* part of PTIF funding

Criteria to evaluate unfunded priority capital projects:

1. Approved capital projects that are over debt target due to cost escalation.
4. Capital projects that leverage an opportunity that would otherwise be missed (financial/timing/coordination).
6. Capital projects to implement approved Council priorities.
8. Capital projects to address a sustained service demand.

Capital Financing Strategy

- In order to manage the significant funding required to address SOGR funding requirements for major roads and the F. G. Gardiner Expressway, Transportation Services is continuing its reliance on the capital financing strategy introduced in 2013 to fund specific capital projects.
- \$744.733 million from the Capital Financing Reserve is required to fund Transportation Services' 2017-2026 Preliminary Capital Budget and Plan, provided from the capital financing strategy that utilizes proceeds from:
 - Surplus operating funds in accordance with the City's surplus distribution policy;
 - 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 Transportation Services' Capital Program into futures years, as funding utilized to support the completion of capital work required for the F.G. Gardiner Expressway and avoid debt borrowing and associated debt servicing costs in the City's Operating Budget.

Major Capital Projects

- The 2017-2026 Preliminary Capital Budget and Plan for Transportation Services provides capital funding of \$2.300 billion over the 10-year period to rehabilitate, repair and maintain the F. G. Gardiner Expressway. This includes funding for spending as follows: remaining capital work on existing contract commitments (\$16.216 million); and, new implementation approach (\$2.283 billion).
- As of the September 30, 2016 variance report, the life-to-date expenditure to rehabilitate, repair and maintain the F. G. Gardiner Expressway was \$125.742 million.
- Transportation Services and Engineering & Construction Services will continue to monitor progress of the overall strategic rehabilitation plan for the Gardiner Expressway to ensure the entire project is delivered in a safe and serviceable condition, while minimizing traffic disruption.

Issues Impacting the 10-Year Capital Plan

Unmet Capital Projects Included in the Preliminary 10-Year Capital Plan

- The "Unmet Capital Needs" as identified in the table below, cannot be accommodated within the City's debt affordability targets given the limitations on debt servicing costs and are therefore not included in the 2017 Preliminary Capital Budget and 2018-2026 Capital Plan for Transportation Services. The projects will be included on the list of unfunded "Capital Priorities" considered for future funding in conjunction with the revenue options and tools identified in the report "The City of Toronto's Immediate and Longer-term Revenue Strategy Direction" from the City Manager and Deputy City Manager & CFO for the 2018 Budget process.

Unmet Needs - Projects Excluded due to Funding Constraints (In \$000s)

Project Description	Criteria	Total Project Cost	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Sidewalks	8	24,386		2,500	2,550	2,601	2,653	2,706	2,760	2,815	2,872	2,929
Pavement Marking	3	520	106	102	103	104	105					
Road Safety Plan	6	25,185		3,200	7,615	7,175	7,195					
Interim Rehabilitation of Roads	7	6,000	2,000	2,000	2,000							
King Street Visioning Study - Pilot Project	6	1,500	1,500									
Neighbourhood Improvements	8	27,750	2,775	2,775	2,775	2,775	2,775	2,775	2,775	2,775	2,775	2,775
Guide Rail Replacement	7	5,006	832	741	685	499	499	350	350	350	350	350
Local Road Rehabilitation	7	485,000	15,000	25,000	45,000	60,000	60,000	60,000	55,000	55,000	55,000	55,000
Traffic Sign Structure Replacement	7	1,200	1,200									
Cycling Network Plan	6	78,279	500	7,900	7,697	7,697	7,697	7,697	7,697	7,697	7,697	16,000
Finch LRT Additional Infrastructure	8	7,310				5,000	2,310					
Purchase Land Metrolinx for Pedestrian Walkway	8	109	109									
Re-Imagining Yonge St. Sheppard to Finch	8	41,000		20,000	21,000							
Signs and Markings Asset Mgmt	8	1,000	1,000									
Traffic Calming	8	1,401	152	145	138	138	138	138	138	138	138	138
Traffic Plant Requirements/Signal Asset Management	8	21,200	1,700	1,700	2,000	2,000	2,300	2,300	2,300	2,300	2,300	2,300
Transportation Asset Mgmt System (TAMS)	8	7,779	1,608	1,081	593	605	617	629	642	655	667	682
Tactile Domes Installation	2	450	150	150	150							
Eglinton Connects LRT	6	75,000						15,000	15,000	15,000	15,000	15,000
Ditch Rehab & Culvert Reconstruction	7	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Traffic Plant Restoration	7	9,400	400	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Emery Village Road 2A	8	5,000	300	500	4,200							
Engineering Studies	8	1,180	118	118	118	118	118	118	118	118	118	118
Finch Ave East/CN Rail Grade Separation	8	25,000		3,000	6,000	8,000	8,000					
Gardiner Ramp Improvement (Parklawn to 427)	8	24,000						2,000	2,000	10,000	10,000	
Glen Road Pedestrian Bridge	8	7,000		1,000	6,000							
Liberty Village New Street	8	12,000			500	1,000	6,500	4,000				
Lake Shore Blvd W Widening (Humber to Parklawn)	8	9,000				500	1,000	3,500	4,000			
Lower Yonge	8	34,000			2,000	7,000	10,000	15,000				
Morningside Extension	8	45,000				5,000	5,000	20,000	15,000			
New Traffic Control Signals / Devices	8	30,200	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020	3,020
North York Service Road Extension	8	15,000			7,000	8,000						
Passmore Ave Widening	8	5,000		2,000	2,000	1,000						
Rean to Kenaston New Rd	8	5,000	4,000	1,000								
Sidewalks (splash guards)	8	240	120	120								
Steeles Avenue East/Kennedy Road Grade Separation	8	20,250		1,000	5,600	7,526	5,280	844				
Transit Rd Extension	8	65,000										65,000
Total		1,132,345	37,590	81,052	130,744	131,758	127,207	142,077	112,800	101,868	101,937	165,312

Criteria (Based on the Budget Memo) to evaluate unfunded priority capital projects:

- Health & Safety or SOGR projects that need to be addressed to avoid service interruption or legal claims.
- Capital projects that leverage an opportunity that would otherwise be missed (financial/timing/coordination).
- Capital projects to implement approved Council priorities.
- SOGR projects that reduce backlog.
- Capital projects to address a sustained service demand.

- Various projects from all capital categories are unfunded, the largest being the SOGR project for Local Road Rehabilitation which totals \$485.0 million over the 10 year time-frame.
- This list will be refined on an annual basis, with projects potentially added to the Capital Plan through project reprioritization and/or the identification of additional secured funding.

Issues Referred to the 2017 Capital Budget Process

F.G. Gardiner Rehabilitation

- The rehabilitation of the F.G. Gardiner Expressway is a very complex infrastructure project.
- At its meeting on December 1, 2016, Executive Committee adopted report EX20.14 - *New Implementation Approach for the F.G. Gardiner Expressway Revised Strategic Rehabilitation Plan* (to be considered by City Council on December 13, 2016) which proposed a new approach for the implementation of the Revised Strategic Rehabilitation Plan for the F.G. Gardiner Expressway and also included the following recommendation:
 - City Council direct the General Manager, Transportation Services, to include the revised cash flows associated with the new approach to the implementation of the Revised Strategic Rehabilitation Plan for the F.G. Gardiner Expressway within the Transportation Services 2017-2026 Capital Budget and Plan for Council's consideration.
- The link to the report is provided below:

2016.EX20.14 - New Implementation Approach for the F.G. Gardiner Expressway Revised Strategic Rehabilitation Plan
<http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2016.EX20.14>
- In adopting the Strategic Rehabilitation Plan in April 2014, Council approved an Accelerated Bridge Construction approach, using pre-fabricated segments, for rehabilitation of the elevated section of the Expressway. Subsequently, the implementation of the Plan was further accelerated by up to 6 years by using an Alternative Financing and Procurement approach.
- Given current issues and concerns surrounding the previously approved procurement strategy for implementation of the F.G. Gardiner Expressway Revised Strategic Rehabilitation Plan, this report recommends a new approach.
- This new approach provides for the phasing of the rehabilitation based on the current structural condition of the Expressway, incorporates proven techniques for mitigating the anticipated traffic congestion associated with this scale of construction, and provides the necessary additional technical information required to fully assess project risks and opportunities to advance the construction of other projects within the work zone of the eastern section of the Gardiner Expressway as one integrated project.
- The Preliminary 2017 Capital Budget and 2018 - 2026 Capital Plan reflects the new approach for the implementation of the Revised Strategic Rehabilitation Plan for the F.G. Gardiner Expressway.

- Changes to the Capital Program for the F.G. Gardiner Rehabilitation under the new approach are identified in the table below:

\$Millions	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	10-Year
Cash Flow											
Change	-17.8	100.3	203.7	209.1	216.6	238.5	-1,846.2	969.1	-29.0	-29.0	15.2
Funding Source											
Cap. Fin. RF	-17.8	17.8					-47.4	77.5	-29.0	-29.0	-27.9
Federal							-820.0				-820.0
Debt		82.5	203.7	209.1	216.6	238.5	-978.8	891.6			863.1

- Over the 10-year period (2017 – 2026) total capital funding for the F.G. Gardiner Rehabilitation project will increase by \$15.2 million.
 - Reduction in Capital Financing Reserve Funding of \$27.9 million;
 - Reduction in Federal funding of \$820.0 million; and,
 - Additional debt funding of \$863.1 million.
- The Capital Program (including funding sources) for the new approach for the implementation of the Revised Strategic Rehabilitation Plan for the F.G. Gardiner Expressway are identified in the table below:

\$Millions	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	10-Year
Cash Flow											
New Approach	3.0	111.9	215.2	220.6	228.1	250.1	256.3	998.1			2,283.4
Funding Source											
Cap. Fin. RF	3.0	29.4	11.6	11.6	11.6	11.6	238.8	106.5			423.9
Federal											0.0
Debt		82.5	203.7	209.1	216.6	238.5	17.5	891.6			1,859.5

- An estimated \$1.34 billion in funding will also be required beyond the 10-Year Capital Plan (between 2027 and 2039) to complete the implementation of the Revised Strategic Rehabilitation Plan. The estimated cost is based on replacement of the bridges over the Humber River on the western part of the Expressway, replacement of box girders and bridge deck, steel coating of the west deck and ramps, and bent re-facing.
- The total Project Costs for the New Implementation Approach for the F.G. Gardiner Expressway Revised Strategic Rehabilitation Plan (millions) are shown below:

Period	Total Estimated Project Cost
2017 - 2026	\$2,283
2026 - 2039	\$1,340
2017 – 2039 Total	\$3,623

- The original total project (construction) costs were \$2.6 billion.
- Staff will continue to refine cost estimates and identify potential funding sources in the period beyond the initial 10 year implementation period.

Road Safety Plan Delivery

- At its meeting on July 12, 2016, City Council adopted report PW14.1 – Road Safety Plan 2017-2021.
- City Council endorsed in principle the proposed Road Safety Plan (2017-2021) in the report (June 10, 2016) from the General Manager, Transportation Services, and endorsed in principle the countermeasures and enhanced Road Safety Plan identified within the supplementary report (July 11, 2016) from the General Manager, Transportation Services.
- The link to this item is provided below:
2016.PW14.1 - Road Safety Plan 2017-2021
<http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2016.PW14.1>
- Funding of \$10.150 million (\$5.075 million new debt) has been added to the Preliminary 10-Year Capital Plan as part of the PTIF program, primarily to implement this initiative and undertake delivery of the Road Safety Plan.

Cycling Network Plan Delivery

- At its meeting on June 7, 2016, City Council adopted report PW13.11 – *Ten Year Cycling Network Plan*.
- City Council adopted, in principle, the Ten Year Cycling Network Plan as outlined in the report (May 3, 2016) from the General Manager, Transportation Services with implementation of individual projects in the plan subject to future City Council approval, as appropriate, and excluding the proposed Major Corridor Studies (except those currently underway).
- The link to this item is provided below:
2016.PW13.11 - Ten Year Cycling Network Plan
<http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2016.PW13.11>
- Funding of \$83.945 million (\$41.973 million new debt) has been added to the Preliminary 10-Year Capital Plan as part of the PTIF program, a portion of which is needed to facilitate the planned increase in capital infrastructure delivery related to the Cycling Network Plan.



Appendices

Appendix 1

2016 Performance

2016 Key Accomplishments

In 2016, Transportation Services accomplished the following:

- ✓ Major Strategic Plans:
 - Updated Congestion Management Plan
 - Completed a new Road Safety Plan
 - Completed a new 10 Year Cycling Network Plan
- ✓ F.G. Gardiner West Deck Rehabilitation
- ✓ Redlea Ave Extension from Steeles Ave E to McNicoll Ave
- ✓ Major Road Rehabilitation Projects on 25 corridors including:
 - Gerrard St E from Yonge St to Sherbourne St
 - Martin Grove Rd from Belfield Rd to Finch Ave W
 - Transit Rd from Wilson Ave to WR Allen Rd
 - Birchmount Rd from Highway 401 to Sheppard Ave E
- ✓ Engineering Studies:
 - Rean Drive to Kenaston Gardens Environmental Assessment
 - Emery Village Road 2A
 - Liberty Village New Street
- ✓ Cycling Infrastructure:
 - Installed 15 km of cycling infrastructure separated from traffic including 7.5 km of new cycle tracks, 3.4 km of new bike lanes and 4 centreline km of new multi-use trails
 - Upgraded 24 km of existing cycling infrastructure to improve safety

2016 Financial Performance

2016 Budget Variance Analysis (in \$000's)

2016 Budget	As of Sept. 30, 2016		Projected Actuals at Year-End		Unspent Balance	
	\$	% Spent	\$	% Spent	\$ Unspent	% Unspent
451,655	113,074	25.0%	291,215	64.5%	160,440	35.5%

Transportation Services is forecasted to spend \$291.215 million or 64.5% of its 2016 Approved Capital Budget by year end with underspending primarily attributed to spending in SOGR projects.

For additional information regarding the 2016 Q3 capital variances and year-end projections for Transportation Services please refer to the attached link for the report entitled "*Capital Variance Report for the Nine-Month Period Ended September 30, 2016*" to be considered by City Council at its meeting on December 13, 2016.

2016.BU26.5 - Capital Variance Report for the Nine-Month Period Ended September 30, 2016
<http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2016.BU26.5>

Impact of the 2016 Capital Variance on the 2017 Preliminary Capital Budget

- The rate of spending is consistent with project schedules for construction as most are weather / temperature dependent. Typically, the majority of cash flow funding is spent during the traditional construction season through to the latter part of the year, after contracts are tendered and awarded. Most of the year-end under-spending is anticipated in capital projects that require third party coordination and/or funding; community consultation; have issues with site conditions; and/or are development/transit dependent.
- As a result of the delays in the capital projects, as described in the 2016 Q3 Capital Variance Report, funding of \$107.705 million is being carried forward to the 2017 Preliminary Capital Budget to continue the capital work.
- A detailed review of the 2017 – 2026 Preliminary Capital Budget and Plan has been conducted and the necessary adjustments have been made to the timing of cash flow funding for the capital projects which are the major contributors to annual under expenditures (as discussed in the Issues section of these Notes). By deferring the cash flow funding to future years, the 2017 Preliminary Capital Budget reflects readiness to proceed and will lead to a higher rate of spending.

Appendix 2

2017 Preliminary Capital Budget; 2017 to 2026 Preliminary Capital Plan (\$000s)

Project	Total Project Cost	Prior Year Carry Forward	2017	2018	2019	2020	2021	2017 - 2021	2022	2023	2024	2025	2026	2017 - 2026 Total
Health & Safety:														
Accessible Pedestrian Signals (Audible Signals)		1,786	2,300	2,300	2,300	2,300	2,300	13,286	2,300	2,300	2,300	2,300	2,300	24,786
Guide Rail Replacement	3,300	1,000	1,000	1,000				3,000						3,000
Local Geometric Traffic Safety Improvements	3,607	803	2,000					2,803						2,803
New Traffic Control Signals / Devices		24	2,180	2,180	2,180	2,180	2,180	10,924	2,180	2,180	2,180	2,180	2,180	21,824
Pedestrian Safety and Infrastructure Programs		497	723	734	744	756	767	4,221	779	790	803	814	826	8,233
Salt Management Program		477	1,105	1,131	1,159	1,159	1,159	6,190	1,159	1,159	1,159	1,159	1,159	11,985
Tactile Domes Installation	3,000	752	1,000	1,000				2,752						2,752
Traffic Signals Major Modifications		1,707	2,290	2,290	2,290	2,290	2,290	13,157	2,290	2,290	2,290	2,290	2,290	24,607
PXO Visibility Enhancement		427						427						427
Local Speed Limit Reduction	1,500	1,266						1,266						1,266
Sub-Total		8,739	12,598	10,635	8,673	8,685	8,696	58,026	8,708	8,719	8,732	8,743	8,755	101,683
State of Good Repair:														
Bathurst Street Bridge Rehabilitation	8,082	464	800	5,600				6,864						6,864
City Bridge Rehabilitation			33,491	33,993	33,503	34,021	34,546	169,554	35,079	35,621	36,170	36,727	37,293	350,444
Critical Interim Road Rehabilitation Pool	24,000	2,700	8,000					10,700						10,700
Ditch Rehabilitation and Culvert Reconstruction		300	1,000	1,000	1,000	1,000	1,000	5,300	1,000	1,000	1,000	1,000	1,000	10,300
Don Valley Parkway Rehabilitation			2,435	2,496	2,558	2,558	2,558	12,605	2,558	2,558	2,558	2,558	2,558	25,395
Dufferin Street Bridge Rehabilitation	26,950					550	550	1,100	12,620	12,630				26,350
F.G. Gardiner*	2,440,926	18,215	16,226	114,870	215,270	220,650	228,150	813,381	250,050	256,350	998,100			2,317,881
Facility Improvements		520	1,500	1,500	1,500	1,500	1,500	8,020	1,500	1,500	1,500	1,500	1,500	15,520
Laneways			2,193	2,226	1,800	1,827	1,854	9,900	1,882	1,910	1,939	1,968	1,998	19,597
Local Road Rehabilitation			54,357	57,944	61,603	65,335	69,142	308,381	73,025	76,985	81,025	85,145	89,348	713,909
Major Road Rehabilitation			58,121	59,283	60,470	61,678	62,912	302,464	64,170	65,454	66,763	68,098	69,460	636,409
Major SOGR Pooled Contingency			3,800	3,800	3,800	3,800	3,800	19,000	3,800	3,800	3,800	3,800	3,800	38,000
Neighbourhood Improvements		1,316	2,000	2,031	2,060	2,092	2,123	11,622	2,155	2,187	2,220	2,253	2,287	22,724
Retaining Walls Rehabilitation		3,818	3,800	1,300	1,320	1,339	1,359	12,936	1,380	1,400	1,421	1,443	1,464	20,044
Sidewalks			19,262	16,247	16,480	16,715	16,955	85,659	17,198	17,445	17,695	17,950	18,208	174,155
Traffic Plant Requirements/Signal Asset Management		1,392	5,700	5,700	5,700	5,700	5,700	29,892	5,700	5,700	5,700	5,700	5,700	58,392
New Traffic Control Signals / Devices		1,613						1,613						1,613
Sub-Total		30,338	212,685	307,990	407,064	418,765	432,149	1,808,991	472,117	484,540	1,219,891	228,142	234,616	4,448,297
Service Improvements:														
Advanced Traffic Signal Control		1,211	1,350	1,350	1,350	1,350	1,350	7,961	1,350	1,350	900	450	-	12,011
Cycling Infrastructure		11,462	9,205	8,100	8,303	8,303	8,303	53,676	8,303	8,303	8,303	8,303	8,303	95,191
Engineering Studies		1,937	4,500	4,500	4,538	3,038	3,038	21,551	3,038	3,038	3,038	3,038	3,038	36,741
LED Signal Module Conversion		954	1,000	1,000	1,000	1,000	1,000	5,954	1,000	1,000	1,000	1,000	1,000	10,954
PTIF Projects	99,425		79,540	19,885				99,425						99,425
Signs and Markings Asset Management		2,413	1,000	1,000	1,000	1,000	1,000	7,413	1,000	1,000	1,000	1,000	1,000	12,413
System Enhancements for Road Repair & Pe	1,183		580	603				1,183						1,183
Traffic Calming		113	298	302	307	312	316	1,648	321	326	331	336	341	3,303
Traffic Control - RESCU		564	250	250	250			1,314						1,314
Transportation Safety & Local Improvement Program		573	1,297	1,316	1,336	1,356	1,377	7,255	1,397	1,418	1,439	1,461	1,483	14,453
Finch LRT Study	200	200						200						200
Participatory Budgeting Pilot	65	65						65						65
Transit Shelter Property Acquisition	100	100						100						100
Sub-Total		19,592	99,020	38,306	18,084	16,359	16,384	207,745	16,409	16,435	16,011	15,588	15,165	287,353
Growth Related:														
Design Cherry St Realignment and Bridges	5,600		4,200	1,400				5,600						5,600
Gardiner York/Bay/Yonge Reconfiguration	34,550	10,083	19,250					29,333						29,333
Georgetown South City Infrastructure Upgrade	67,100		13,420	13,420	13,420			40,260						40,260
Growth Related Capital Works			300	300	300	300	300	1,500	300	300	300	300	300	3,000
Ingram Drive Extension - Grade Separation	62,900		250	8,550	9,200	550	15,750	34,300	15,750	5,250				55,300
King Liberty Cycling Pedestrian Bridge	6,400	333	250	4,800				5,383						5,383
LARP(Lawrence-Allen Revitalization Project)	6,274	1,094	1,153	940	2,086	438		5,711						5,711
Legion Road Extension & Grade Separation	42,910		490	980	14,140	13,650		42,910						42,910
Metrolinx Additional Infrastructure	10,000			5,000	5,000			10,000						10,000
North Queen New Street	13,000							-	800	1,000	1,200	6,000	4,000	13,000
North York Service Road Extension	20,740				2,000	500	750	3,250	1,750					5,000
Port Union Road	5,000	415	900	1,650	1,650			4,615						4,615
Regent Park Revitalization	5,942	793	1,565	956	627	301	229	4,471	117					4,588
Scarlett/St Clair/Dundas	50,500	4,149	300	10,700	14,000	7,000	10,000	46,149	8,000					54,149
Six Points Interchange Redevelopment	80,097	20,749	11,002	20,829	18,778	2,988		74,346						74,346
St Clair TMP:Keele to Old Weston	32,000		4,000	2,000	12,000	12,000		30,000						30,000
Steeles Widenings (Tapscott Road - Beare Rd)	40,000	1,500	500	4,000	4,000	17,000	13,000	40,000						40,000
Third Party Signals		300	300	300	300	300	300	1,800	300	300	300	300	300	3,300
Traffic Congestion Management	47,240	5,307	6,100	7,430	6,530	11,480		36,847						36,847
Work for TTC & Others		1,911	32,000	10,000	4,000	4,000	4,000	55,911	4,000	4,000	4,000	4,000	4,000	75,911
Yonge Street/Highway 401 Interchange Imp	25,000							-	1,000	10,751	10,749			22,500
Redlea Avenue (Steeles - McNicoll)	19,400	2,000						2,000						2,000
Yonge Street Revitalization	2,000	402						402						402
Sub-Total		49,036	95,980	93,255	108,031	70,507	57,979	474,788	32,017	21,601	16,549	10,600	8,600	564,155
Total		107,705	420,283	450,186	541,852	514,316	515,208	2,549,550	529,251	531,295	1,261,183	263,073	267,136	5,401,488

*The total project cost for the Gardiner reflects the 2012 - 2026 costs.

Appendix 3

2017 Preliminary Capital Budget; 2018 to 2026 Preliminary Capital Plan

Report Phase 2 - Program 06 Transportation Services Program Phase 3 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 – 2017 Preliminary Capital Budget; 2018 to 2026 Preliminary Capital Plan

Transportation Services

Sub- Priority	Project No. SubProj No.	Project Name Sub-project Name	Ward	Stat.	Cat.	Current and Future Year Cash Flow Commitments						Current and Future Year Cash Flow Commitments Financed By													
						2017	2018	2019	2020	2021	Total 2017-2021	Total 2022-2026	Total 2017-2026	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable Debt	Total Financing		
TRN000001 Traffic Signals Major Modifications																									
0	8	13TM-01TP Signal Major Modification 2013-2016	CW	S2	01	26	0	0	0	0	26	0	26	0	0	0	0	0	0	0	0	26	0	26	
0	11	2017 to 2026 Signal Major Modifications	CW	S5	01	882	754	715	676	2,194	5,221	11,450	16,671	0	0	9,897	0	0	0	0	0	6,774	0	16,671	
0	13	2016 History Signal Major Modifications	CW	S2	01	1,681	0	0	0	0	1,681	0	1,681	0	0	676	0	0	0	0	0	1,005	0	1,681	
0	14	17TM-01TP ELECTRICAL CONTROL DEVICES GUILD	CW	S2	01	1,408	1,536	1,575	1,614	96	6,229	0	6,229	0	0	1,553	0	0	0	0	0	4,676	0	6,229	
Sub-total						3,997	2,290	2,290	2,290	2,290	13,157	11,450	24,607	0	0	12,126	0	0	0	0	0	12,481	0	24,607	
TRN000172 Third Party Signals																									
0	11	2017 to 2026 Third Party Signals	CW	S5	05	842	837	835	834	896	4,244	3,900	8,144	0	0	0	0	0	0	0	8,144	0	0	8,144	
0	12	2017 to 2025 Reduction in work for TMC	CW	S5	05	-600	-600	-600	-600	-600	-3,000	-2,400	-5,400	0	0	0	0	0	0	0	-5,400	0	0	-5,400	
0	13	2016 History Third Party Signals	CW	S2	05	300	0	0	0	0	300	0	300	0	0	0	0	0	0	0	300	0	0	300	
0	14	17TM-01TP ELECTRICAL TRAFFIC CONTROL DEVICE GUILD	CW	S2	05	58	63	65	66	4	256	0	256	0	0	0	0	0	0	0	256	0	0	256	
Sub-total						600	300	300	300	300	1,800	1,500	3,300	0	0	0	0	0	0	0	3,300	0	0	3,300	
TRN000181 Steeles Widenings (Tapscott Road - Beare Road)																									
0	1	2016 - 2021 Steeles Widenings (Tapscott Beare)	42	S2	05	2,000	4,000	4,000	17,000	13,000	40,000	0	40,000	0	0	35,200	0	0	0	0	0	4,800	0	40,000	
Sub-total						2,000	4,000	4,000	17,000	13,000	40,000	0	40,000	0	0	35,200	0	0	0	0	0	4,800	0	40,000	
TRN000183 Cycling Infrastructure																									
0	29	2016 C.I. Humber Trail Extensions Wards 1,2,7	CW	S2	04	475	0	0	0	0	475	0	475	0	0	375	0	0	0	0	0	100	0	475	
0	30	2017 to 2026 Cycling Infrastructure	CW	S5	04	7,705	7,600	8,303	8,303	8,303	40,214	41,515	81,729	0	0	14,715	0	0	0	0	0	67,014	0	81,729	
0	31	2017-2018 Toronto Bike Plan/Off Road Bike Trail	CW	S5	04	500	500	0	0	0	1,000	0	1,000	0	0	400	0	0	0	0	0	600	0	1,000	
0	36	2016 History Additional Funding	CW	S2	04	4,000	0	0	0	0	4,000	0	4,000	0	0	720	0	0	0	0	0	3,280	0	4,000	
0	38	2017 C.I. Centennial Pk Path	03	S5	04	250	0	0	0	0	250	0	250	0	0	250	0	0	0	0	0	0	0	250	
0	40	2016 C.I. Toronto Bike Plan/Off Road Trails	CW	S2	04	1,238	0	0	0	0	1,238	0	1,238	0	0	838	0	0	0	0	0	400	0	1,238	
0	41	2016 Cycling Infrastructure	CW	S2	04	5,749	0	0	0	0	5,749	0	5,749	0	0	0	0	0	0	0	0	5,749	0	5,749	
0	42	2017 C.I. Humber Trail Extension 1,2,7	CW	S5	04	750	0	0	0	0	750	0	750	0	0	750	0	0	0	0	0	0	0	750	
Sub-total						20,667	8,100	8,303	8,303	8,303	53,676	41,515	95,191	0	0	18,048	0	0	0	0	0	0	77,143	0	95,191
TRN000184 Growth Related Capital Works																									

CITY OF TORONTO

Gross Expenditures (\$000's)

Appendix 3 – 2017 Preliminary Capital Budget; 2018 to 2026 Preliminary Capital Plan

Transportation Services

Sub-Project No.	Project Name	Ward	Stat.	Cat.	Current and Future Year Cash Flow Commitments									Current and Future Year Cash Flow Commitments Financed By									
					2017	2018	2019	2020	2021	Total 2017-2021	Total 2022-2026	Total 2017-2026	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable Debt	Total Financing	
TRN000184 Growth Related Capital Works																							
0 12	2017 to 2026 Growth Related Capital Works	CW	S5	05	300	300	300	300	300	1,500	1,500	3,000	0	0	1,800	0	0	0	0	0	1,200	0	3,000
	Sub-total				300	300	300	300	300	1,500	1,500	3,000	0	0	1,800	0	0	0	0	0	1,200	0	3,000
TRN000191 Scarlet/St Clair/Dundas																							
0 3	Scarlet/St Clair/Dundas - 2014 History	11	S2	05	3,751	0	0	0	0	3,751	0	3,751	0	0	1,809	0	0	0	0	0	1,942	0	3,751
0 4	2016 to 2021	11	S2	05	8,398	7,000	10,000	15,000	10,000	50,398	0	50,398	0	0	18,583	0	0	0	0	0	31,815	0	50,398
0 5	2017 Recast Capital Budget	11	S3	05	-7,700	3,700	4,000	-8,000	0	-8,000	8,000	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-total				4,449	10,700	14,000	7,000	10,000	46,149	8,000	54,149	0	0	20,392	0	0	0	0	0	33,757	0	54,149
TRN000370 Traffic Calming																							
0 11	2017 to 2026 Traffic Calming	CW	S5	04	298	305	312	312	312	1,539	1,560	3,099	0	0	0	0	0	0	0	0	3,099	0	3,099
0 14	2016 History Traffic Calming	CW	S2	04	113	0	0	0	0	113	0	113	0	0	0	0	0	0	0	0	113	0	113
0 15	2017 Recast Capital Budget	CW	S5	04	0	-3	-5	0	4	-4	95	91	0	0	0	0	0	0	0	0	91	0	91
	Sub-total				411	302	307	312	316	1,648	1,655	3,303	0	0	0	0	0	0	0	0	3,303	0	3,303
TRN025 Work for TTC & Others																							
0 11	2017 to 2026 Work for TTC & Others	CW	S5	05	4,000	4,000	4,000	4,000	4,000	20,000	20,000	40,000	0	0	0	0	0	0	0	40,000	0	0	40,000
0 13	2017 Additional Funding ECS Projects	CW	S4	05	28,000	6,000	0	0	0	34,000	0	34,000	0	0	0	0	0	0	0	34,000	0	0	34,000
0 14	2016 History Work For TTC & Others	CW	S2	05	1,911	0	0	0	0	1,911	0	1,911	0	0	0	0	0	0	0	1,911	0	0	1,911
	Sub-total				33,911	10,000	4,000	4,000	4,000	55,911	20,000	75,911	0	0	0	0	0	0	0	75,911	0	0	75,911
TRN029 Don Valley Parkway Rehabilitation																							
0 17	Don Valley - Future 2017 - 2026	CW	S5	03	2,435	2,496	2,558	2,558	2,558	12,605	12,790	25,395	0	0	0	0	0	0	0	0	25,395	0	25,395
	Sub-total				2,435	2,496	2,558	2,558	2,558	12,605	12,790	25,395	0	0	0	0	0	0	0	0	25,395	0	25,395
TRN031 New Traffic Control Signals / Devices																							
0 11	13TM-01TP New Traffic Control Signal 2013-2016	CW	S2	01	24	0	0	0	0	24	0	24	0	0	0	0	0	0	0	0	24	0	24
0 14	2017 to 2026 New Traffic Control Signals/Devices	CW	S5	01	2,003	1,988	1,983	1,978	2,168	10,120	10,900	21,020	0	0	10,900	0	0	0	0	0	10,120	0	21,020
0 17	2016 History New Traffic Control Signals/Devices	CW	S2	03	1,613	0	0	0	0	1,613	0	1,613	0	0	703	0	0	0	0	0	910	0	1,613

Report Phase 2 - Program 06 Transportation Services Program Phase 3 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 – 2017 Preliminary Capital Budget; 2018 to 2026 Preliminary Capital Plan

Transportation Services

Sub-Project No.	Project Name	Ward	Stat.	Cat.	Current and Future Year Cash Flow Commitments									Current and Future Year Cash Flow Commitments Financed By								
					2017	2018	2019	2020	2021	Total 2017-2021	Total 2022-2026	Total 2017-2026	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other 2	Debt - Recoverable	Total Financing
TRN037 Accessible Pedestrian Signals (Audible Signals)																						
0 17	17TM-01TP ELECTRICAL TRAFFIC CONTROL DEVICES GUILD	CW	S2	01	304	332	340	349	21	1,346	0	1,346	0	0	0	0	0	0	0	1,346	0	1,346
0 18	2016 History Future Accessible Pedestrian Signals	CW	S2	01	1,203	0	0	0	0	1,203	0	1,203	0	0	165	0	0	0	0	1,038	0	1,203
Sub-total					4,086	2,300	2,300	2,300	2,300	13,286	11,500	24,786	0	0	2,695	0	0	0	0	22,091	0	24,786
TRN055 City Bridge Rehabilitation																						
0 14	Bridge Assessments to 2018	CW	S2	03	1,000	1,000	0	0	0	2,000	0	2,000	0	0	0	0	0	0	0	2,000	0	2,000
0 16	City Bridge Rehab 2017 to 2026	CW	S5	03	0	9,870	10,209	20,694	41,106	81,879	186,328	268,207	0	0	0	0	0	0	0	268,207	0	268,207
0 17	City Bridge Rehab History 2015	CW	S2	03	24,368	29,611	20,419	0	0	74,398	0	74,398	0	0	0	0	0	0	0	74,398	0	74,398
0 18	City Bridge 2016 to 2020	CW	S2	03	8,123	0	10,209	20,694	0	39,026	0	39,026	0	0	0	0	0	0	0	39,026	0	39,026
0 19	2017 Recast Capital Budget	CW	S3	03	0	-6,488	-7,334	-7,367	-6,560	-27,749	-5,438	-33,187	0	0	0	0	0	0	0	-33,187	0	-33,187
Sub-total					33,491	33,993	33,503	34,021	34,546	169,554	180,890	350,444	0	0	0	0	0	0	0	350,444	0	350,444
TRN160 Engineering Studies																						
0 16	2017 to 2026 Engineering Studies	CW	S5	04	3,000	3,000	3,038	3,038	3,038	15,114	15,190	30,304	0	0	8,488	0	0	0	0	21,816	0	30,304
0 17	Additional Funds 2016 to 2019	CW	S2	04	1,500	1,500	1,500	0	0	4,500	0	4,500	0	0	1,260	0	0	0	0	3,240	0	4,500
0 20	2016 Engineering Studies	CW	S2	04	1,937	0	0	0	0	1,937	0	1,937	0	0	0	0	1,937	0	0	0	0	1,937
Sub-total					6,437	4,500	4,538	3,038	3,038	21,551	15,190	36,741	0	0	9,748	0	0	1,937	0	25,056	0	36,741
TRN380 Transportation Safety & Local Improvement Prog																						
0 11	2017 to 2026 TSLIP	CW	S5	04	1,297	1,305	1,313	1,313	1,313	6,541	6,565	13,106	0	0	0	0	0	0	0	13,106	0	13,106
0 14	2016 TSLIP	CW	S2	04	573	0	0	0	0	573	0	573	0	0	0	0	0	0	0	573	0	573
0 15	2017 Recast Capital Budget	CW	S5	04	0	11	23	43	64	141	633	774	0	0	0	0	0	0	0	774	0	774
Sub-total					1,870	1,316	1,336	1,356	1,377	7,255	7,198	14,453	0	0	0	0	0	0	0	14,453	0	14,453
TRN906071 Port Union Road																						
0 4	2016 - 2017 History Port Union Road	CW	S2	05	4,615	0	0	0	0	4,615	0	4,615	0	0	3,205	0	0	0	0	1,410	0	4,615
0 5	2017 Recast Capital Budget	CW	S3	05	-3,300	1,650	1,650	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sub-total					1,315	1,650	1,650	0	0	4,615	0	4,615	0	0	3,205	0	0	0	0	1,410	0	4,615
TRN906072 Salt Management Program																						

CITY OF TORONTO

Gross Expenditures (\$000's)

Appendix 3 – 2017 Preliminary Capital Budget; 2018 to 2026 Preliminary Capital Plan

Transportation Services

Sub-Project No.	Project Name	Ward	Stat.	Cat.	Current and Future Year Cash Flow Commitments									Current and Future Year Cash Flow Commitments Financed By										
					2017	2018	2019	2020	2021	Total 2017-2021	Total 2022-2026	Total 2017-2026	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable	Total Financing		
TRN906072 Salt Management Program																								
0 14	2017 to 2026 Salt Management	CW	S5	01	1,105	1,131	1,159	1,159	1,159	5,713	5,795	11,508	0	0	0	0	0	0	0	0	11,508	0	11,508	
0 15	2016 History Salt Management	CW	S2	01	477	0	0	0	0	477	0	477	0	0	0	0	0	0	0	0	477	0	477	
Sub-total					1,582	1,131	1,159	1,159	1,159	6,190	5,795	11,985	0	0	0	0	0	0	0	0	0	11,985	0	11,985
TRN906079 LED Signal Module Conversion																								
0 9	2017 to 2026 LED Signal Module Conversion	CW	S5	04	1,000	1,000	1,000	1,000	1,000	5,000	5,000	10,000	0	0	0	0	10,000	0	0	0	0	0	10,000	
0 10	2016 History LED Signal Module Conversion	CW	S2	04	954	0	0	0	0	954	0	954	0	0	0	0	954	0	0	0	0	0	954	
Sub-total					1,954	1,000	1,000	1,000	1,000	5,954	5,000	10,954	0	0	0	0	10,954	0	0	0	0	0	0	10,954
TRN906080 Pedestrian Safety and Infrastructure Programs																								
0 13	2017 to 2026 PSIP	CW	S5	01	673	690	707	707	707	3,484	3,535	7,019	0	0	785	0	0	0	0	0	6,234	0	7,019	
0 14	RFQ - Data Collection 2016-2018	CW	S2	01	100	50	0	0	0	150	0	150	0	0	0	0	0	0	0	0	150	0	150	
0 15	2016 Histosry PSIP	CW	S2	01	442	0	0	0	0	442	0	442	0	0	0	0	0	0	0	0	442	0	442	
0 16	2017 Recast Capital Budget	CW	S5	01	0	-6	37	49	60	140	477	617	0	0	70	0	0	0	0	0	547	0	617	
0 17	PS HOMEWOOD DEPRESSED CURB	27	S2	01	5	0	0	0	0	5	0	5	0	0	0	0	5	0	0	0	0	0	5	
Sub-total					1,220	734	744	756	767	4,221	4,012	8,233	0	0	855	0	5	0	0	0	0	7,373	0	8,233
TRN906085 Sidewalks																								
0 13	Sidewalks 2017 to 2026	CW	S5	03	0	3,062	3,034	6,957	13,400	26,453	84,698	111,151	0	0	2,988	0	0	0	0	0	108,163	0	111,151	
0 16	Sidewalks 2015 to 2019	CW	S2	03	13,886	11,426	7,561	0	0	32,873	0	32,873	0	0	0	0	0	0	0	0	32,873	0	32,873	
0 18	History 2016 Sidewalks 2017 to 2020	CW	S2	03	4,629	0	3,781	7,704	0	16,114	0	16,114	0	0	0	0	0	0	0	0	16,114	0	16,114	
0 19	2017 Recast Capital Budget	CW	S3	03	747	1,759	2,104	2,054	3,555	10,219	3,798	14,017	0	0	4,482	0	0	0	0	0	9,535	0	14,017	
Sub-total					19,262	16,247	16,480	16,715	16,955	85,659	88,496	174,155	0	0	7,470	0	0	0	0	0	0	166,685	0	174,155
TRN906086 Laneways																								
0 11	Laneways 2013 Professional Services to 2018	CW	S2	03	190	135	0	0	0	325	0	325	0	0	0	0	0	0	0	0	325	0	325	
0 13	Laneways 2015 - 2019	CW	S2	03	1,502	1,585	927	0	0	4,014	0	4,014	0	0	0	0	0	0	0	0	4,014	0	4,014	
0 15	Laneways 2016 & Future	CW	S5	03	0	528	464	900	1,800	3,692	9,615	13,307	0	0	0	0	0	0	0	0	13,307	0	13,307	
0 16	Laneways 2017 to 2020	CW	S2	03	501	0	464	900	0	1,865	0	1,865	0	0	0	0	0	0	0	0	1,865	0	1,865	

CITY OF TORONTO

Gross Expenditures (\$000's)

Appendix 3 – 2017 Preliminary Capital Budget; 2018 to 2026 Preliminary Capital Plan

Transportation Services

Sub-Project No.	Project Name	Ward	Stat.	Cat.	Current and Future Year Cash Flow Commitments									Current and Future Year Cash Flow Commitments Financed By										
					2017	2018	2019	2020	2021	Total 2017-2021	Total 2022-2026	Total 2017-2026	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable	Total Financing		
TRN906086 Laneways																								
0 17	2017 Recast Capital Budget	CW	S3	03	0	-22	-55	27	54	4	82	86	0	0	0	0	0	0	0	0	86	0	86	
Sub-total					2,193	2,226	1,800	1,827	1,854	9,900	9,697	19,597	0	0	0	0	0	0	0	0	0	19,597	0	19,597
TRN906355 North York Service Road Extension																								
0 14	2017 North York Service Road	CW	S5	05	5,000	0	0	0	0	5,000	0	5,000	0	0	0	0	0	0	0	0	5,000	0	5,000	
0 15	2017 Change in Scope	CW	S3	05	-5,000	2,000	3,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0 18	2017 Recast Capital Budget	CW	S3	05	0	-2,000	-1,000	500	750	-1,750	1,750	0	0	0	0	0	0	0	0	0	0	0	0	
Sub-total					0	0	2,000	500	750	3,250	1,750	5,000	0	0	0	0	0	0	0	0	0	5,000	0	5,000
TRN906405 Upgrades To Meet New ESA Requirements																								
0 15	2017 To 2025 Upgrades to Meet New ESA	CW	S5	01	400	400	400	400	400	2,000	1,600	3,600	0	0	0	0	0	0	0	0	3,600	0	3,600	
0 16	Program Completed in 2016 Decrease Funding	CW	S5	01	-400	-400	-400	-400	-400	-2,000	-1,600	-3,600	0	0	0	0	0	0	0	0	-3,600	0	-3,600	
Sub-total					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TRN906857 Retaining Walls Rehabilitation																								
0 12	2016-2025 Retaining Walls	CW	S5	03	1,279	1,311	1,344	1,344	1,344	6,622	6,720	13,342	0	0	0	0	0	0	0	0	13,342	0	13,342	
0 13	History Additional funds 2016	CW	S2	03	5,121	0	0	0	0	5,121	0	5,121	0	0	0	0	0	0	0	0	5,121	0	5,121	
0 15	2016 History Retaining Walls Rehab	CW	S2	03	1,218	0	0	0	0	1,218	0	1,218	0	0	0	0	0	0	0	0	1,218	0	1,218	
0 16	2017 Recast Capital Budget	CW	S5	03	0	-11	-24	-5	15	-25	388	363	0	0	0	0	0	0	0	0	363	0	363	
Sub-total					7,618	1,300	1,320	1,339	1,359	12,936	7,108	20,044	0	0	0	0	0	0	0	0	0	20,044	0	20,044
TRN907125 PXO Visibility Enhancement																								
0 8	2016 PXO Visibility Enhancement	CW	S2	01	427	0	0	0	0	427	0	427	0	0	0	0	0	0	0	0	427	0	427	
Sub-total					427	0	0	0	0	427	0	427	0	0	0	0	0	0	0	0	0	427	0	427
TRN907247 Signs and Markings Asset Management																								
0 8	2017 to 2026 Signs & Markings Asset Management	CW	S5	04	1,000	1,000	1,000	1,000	1,000	5,000	5,000	10,000	0	0	0	0	0	0	0	0	10,000	0	10,000	
0 11	2016 History Signs and Markings Asset Management	CW	S2	04	2,408	0	0	0	0	2,408	0	2,408	0	0	0	0	0	0	0	0	2,408	0	2,408	
Sub-total					3,408	1,000	1,000	1,000	1,000	7,408	5,000	12,408	0	0	0	0	0	0	0	0	0	12,408	0	12,408
TRN907312 Neighbourhood Improvements																								
0 17	2017-2026 Neighbourhood Improvements	CW	S5	03	2,000	2,000	2,000	2,000	2,000	10,000	10,000	20,000	0	0	0	0	20,000	0	0	0	0	0	20,000	

CITY OF TORONTO

**Gross Expenditures (\$000's)
Appendix 3 – 2017 Preliminary Capital Budget; 2018 to 2026 Preliminary Capital Plan**

Transportation Services						Current and Future Year Cash Flow Commitments							Current and Future Year Cash Flow Commitments Financed By											
Sub-Project No.	Project Name	Ward	Stat.	Cat.	2017	2018	2019	2020	2021	Total 2017-2021	Total 2022-2026	Total 2017-2026	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other 2	Debt - Recoverable	Total Financing		
TRN907312 Neighbourhood Improvements																								
0 18	2016 History Neighbourhood Improvement	CW	S2	03	877	0	0	0	0	877	0	877	0	0	0	0	877	0	0	0	0	0	877	
0 21	2017 Recast Capital Budget	CW	S5	03	0	31	60	92	123	306	1,102	1,408	0	0	0	0	1,408	0	0	0	0	0	1,408	
Sub-total					2,877	2,031	2,060	2,092	2,123	11,183	11,102	22,285	0	0	0	0	22,285	0	0	0	0	0	22,285	
TRN907323 Six Points Interchange Redevelopment																								
0 2	Six Points Interchange Redevelopment 2015 History	CW	S2	05	8,374	0	0	0	0	8,374	0	8,374	0	0	2,660	0	3,874	0	0	0	1,840	0	8,374	
0 4	Six Points Interchange Redevelopment 2014	CW	S2	05	75	0	0	0	0	75	0	75	0	0	75	0	0	0	0	0	0	0	75	
0 5	2016 & Future Six Points	CW	S2	05	18,000	10,548	0	0	0	28,548	0	28,548	0	0	7,993	0	8,300	0	0	0	12,255	0	28,548	
0 6	16ECS-TI-01SP Fermar Paving Ltd	05	S2	05	2,502	10,281	10,500	0	0	23,283	0	23,283	0	0	6,679	0	0	0	0	0	9,024	7,580	23,283	
0 7	Additional Adjustments - 2019 to 2020	05	S5	05	0	0	8,278	2,988	0	11,266	0	11,266	0	0	317	0	0	0	0	0	8,965	1,984	11,266	
0 8	2016 HISTORY SIX POINTS LARF	CW	S2	05	2,800	0	0	0	0	2,800	0	2,800	0	0	0	0	2,800	0	0	0	0	0	2,800	
Sub-total					31,751	20,829	18,778	2,988	0	74,346	0	74,346	0	0	17,724	0	14,974	0	0	0	32,084	9,564	74,346	
TRN907328 Redlea Avenue (Steeles - McNicoll)																								
0 5	Redlea - 2016	39	S2	05	2,000	0	0	0	0	2,000	0	2,000	0	0	2,000	0	0	0	0	0	0	0	2,000	
Sub-total					2,000	0	0	0	0	2,000	0	2,000	0	0	2,000	0	0	0	0	0	0	0	0	2,000
TRN907546 Regent Park Revitalization																								
0 7	2017 to 2022 Regent Park Revitalization	27	S5	05	1,565	956	627	301	229	3,678	117	3,795	0	0	1,670	0	0	0	0	0	2,125	0	3,795	
0 8	2016 History Regent Park	27	S2	05	793	0	0	0	0	793	0	793	0	0	349	0	0	0	0	0	444	0	793	
Sub-total					2,358	956	627	301	229	4,471	117	4,588	0	0	2,019	0	0	0	0	0	2,569	0	4,588	
TRN907673 Facility Improvements																								
0 7	2017 to 2026 Facility Improvements	CW	S5	03	1,500	1,500	1,500	1,500	1,500	7,500	7,500	15,000	0	0	0	0	0	0	0	0	15,000	0	15,000	
0 9	2016 Facility Improvements	CW	S2	03	520	0	0	0	0	520	0	520	0	0	0	0	0	0	0	0	520	0	520	
Sub-total					2,020	1,500	1,500	1,500	1,500	8,020	7,500	15,520	0	0	0	0	0	0	0	0	0	15,520	0	15,520
TRN907834 Gardiner York/Bay/Yonge Reconfiguration																								
0 1	Gardiner York/Bay/Yonge Reconf 2016-2017	28	S2	05	29,333	0	0	0	0	29,333	0	29,333	0	0	0	0	0	0	4,333	0	15,000	10,000	29,333	
Sub-total					29,333	0	0	0	0	29,333	0	29,333	0	0	0	0	0	0	0	4,333	0	15,000	10,000	29,333
TRN907836 Ingram Drive Extension - Grade Separation																								

CITY OF TORONTO

**Gross Expenditures (\$000's)
Appendix 3 – 2017 Preliminary Capital Budget; 2018 to 2026 Preliminary Capital Plan**

Transportation Services						Current and Future Year Cash Flow Commitments							Current and Future Year Cash Flow Commitments Financed By											
Sub-Project No.	Project Name	Ward	Stat.	Cat.	2017	2018	2019	2020	2021	Total 2017-2021	Total 2022-2026	Total 2017-2026	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other 2	Debt - Recoverable	Total Financing		
TRN907836 Ingram Drive Extension - Grade Separation																								
0 2	Ingram Drive 2016 to 2019	11	S2	05	3,000	6,000	8,000	0	0	17,000	0	17,000	0	0	0	0	0	0	0	0	17,000	0	17,000	
0 3	Additional Funding 2022-2024	CW	S6	05	0	0	0	0	0	0	35,000	35,000	0	0	0	0	0	0	0	0	35,000	0	35,000	
0 5	2017 Recast Capital Budget	CW	S3	05	-2,750	2,550	1,200	550	15,750	17,300	-14,000	3,300	0	0	0	0	0	0	0	0	3,300	0	3,300	
Sub-total					250	8,550	9,200	550	15,750	34,300	21,000	55,300	0	0	0	0	0	0	0	0	0	55,300	0	55,300
TRN907837 King Liberty Cycling Pedestrian Bridge																								
0 3	Cash Flow 2016 to 2018 King Liberty Cycling Pedest	CW	S2	05	2,333	8,000	0	0	0	10,333	0	10,333	0	0	0	0	0	0	0	0	10,333	0	10,333	
0 4	2017 to 2018 Change in Scope	CW	S3	05	-1,750	-3,200	0	0	0	-4,950	0	-4,950	0	0	0	0	0	0	0	0	-4,950	0	-4,950	
Sub-total					583	4,800	0	0	0	5,383	0	5,383	0	0	0	0	0	0	0	0	0	5,383	0	5,383
TRN907838 Legion Road Extension & Grade Separation																								
0 1	2020 to 2022 Legion Road Extension	06	S6	05	0	0	0	15,000	15,000	30,000	15,000	45,000	0	0	45,000	0	0	0	0	0	0	0	45,000	
0 2	2017 Recast Capital Budget	CW	S3	05	490	980	14,140	-1,350	-1,350	12,910	-15,000	-2,090	0	0	-2,090	0	0	0	0	0	0	0	-2,090	
Sub-total					490	980	14,140	13,650	13,650	42,910	0	42,910	0	0	42,910	0	0	0	0	0	0	0	0	42,910
TRN907839 St Clair TMP:Keele to Old Weston																								
0 1	St Clair West/Metrolinx Georgetown 2015 History	11	S2	05	12,000	12,000	0	0	0	24,000	0	24,000	0	0	10,800	0	0	0	0	0	13,200	0	24,000	
0 2	St Clair West/Metrolinx Georgetown	11	S2	05	-12,000	-12,000	0	0	0	-24,000	0	-24,000	0	0	-10,800	0	0	0	0	0	-13,200	0	-24,000	
0 3	St Clair TMP: Keele to Old Weston 2017-2020	CW	S5	05	4,000	2,000	12,000	12,000	0	30,000	0	30,000	0	0	13,500	0	0	0	0	0	16,500	0	30,000	
Sub-total					4,000	2,000	12,000	12,000	0	30,000	0	30,000	0	0	13,500	0	0	0	0	0	0	16,500	0	30,000
TRN907840 LARP(Lawrence-Allen Revitalization Project)																								
0 4	2015 to 2020 LARP	15	S2	05	2,247	940	2,086	438	0	5,711	0	5,711	0	0	0	5,711	0	0	0	0	0	0	5,711	
Sub-total					2,247	940	2,086	438	0	5,711	0	5,711	0	0	0	5,711	0	0	0	0	0	0	0	5,711
TRN907849 Yonge Street/Highway 401 Interchange Improver																								
0 1	Yonge St/HWY 401 Interchange Improve 2015 cashflow	CW	S2	05	11,250	0	0	0	0	11,250	0	11,250	0	0	2,825	0	0	0	0	5,625	2,800	0	11,250	
0 2	Yonge Street/Highway 401 Interchange Improvements	CW	S2	05	-11,250	0	0	0	0	-11,250	0	-11,250	0	0	-2,825	0	0	0	0	-5,625	-2,800	0	-11,250	
0 3	2018-2019 Yonge Highway 401	CW	S6	05	0	11,250	11,250	0	0	22,500	0	22,500	11,250	0	5,625	0	0	0	0	0	5,625	0	22,500	

Report Phase 2 - Program 06 Transportation Services Program Phase 3 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 – 2017 Preliminary Capital Budget; 2018 to 2026 Preliminary Capital Plan****Transportation Services**

Sub- Priority	Project No. SubProj No.	Project Name Sub-project Name	Ward	Stat.	Cat.	Current and Future Year Cash Flow Commitments and Estimates						Current and Future Year Cash Flow Commitments and Estimates Financed By											
						2017	2018	2019	2020	2021	Total 2017-2021	Total 2022-2026	Total 2017-2026	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable Debt	Total Financing
Financed By:																							
		Provincial Grants & Subsidies				0	0	0	0	0	0	11,250	11,250	11,250	0	0	0	0	0	0	11,250		
		Federal Subsidy				39,770	9,942	0	0	0	49,712	0	49,712	0	49,712	0	0	0	0	0	49,712		
		Development Charges				30,425	24,944	38,762	43,533	35,412	173,076	39,909	212,985	0	0	212,985	0	0	0	0	212,985		
		Reserves (Ind. "XQ" Ref.)				64,555	63,310	43,656	41,988	41,550	255,059	506,850	761,909	0	0	761,909	0	0	0	0	761,909		
		Reserve Funds (Ind."XR" Ref.)				16,675	6,331	3,060	3,092	3,123	32,281	16,102	48,383	0	0	48,383	0	0	0	0	48,383		
		Capital from Current				2,929	0	0	0	0	2,929	0	2,929	0	0	2,929	0	0	0	0	2,929		
		Other1 (Internal)				4,777	0	0	0	0	4,777	0	4,777	0	0	4,777	0	0	0	0	4,777		
		Other2 (External)				34,611	10,300	4,300	4,300	4,300	57,811	21,500	79,311	0	0	79,311	0	0	0	0	79,311		
		Debt				324,144	335,212	444,743	419,419	430,823	1,954,341	2,256,327	4,210,668	0	0	4,210,668	0	0	0	0	4,210,668		
		Debt - Recoverable				10,102	147	7,331	1,984	0	19,564	0	19,564	0	0	19,564	0	0	0	0	19,564		
Total Program Financing						527,988	450,186	541,852	514,316	515,208	2,549,550	2,851,938	5,401,488	11,250	49,712	212,985	761,909	48,383	2,929	4,777	79,311,210,668	19,564	5,401,488

Status Code	Description
S2	S2 Prior Year (With 2017 and/or Future Year Cashflow)
S3	S3 Prior Year - Change of Scope 2017 and/or Future Year Cost/Cashflow)
S4	S4 New - Stand-Alone Project (Current Year Only)
S5	S5 New (On-going or Phased Projects)
S6	S6 New - Future Year (Commencing in 2018 & Beyond)

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 4

2017 Cash Flow and Future Year Commitments

CITY OF TORONTO

Gross Expenditures (\$000's)

Appendix 4 – 2017 Cash Flow and Future Year Commitments

Transportation Services

Sub- Priority	Project No. SubProj No.	Project Name Sub-project Name	Ward	Stat.	Cat.	Current and Future Year Cash Flow Commitments						Current and Future Year Cash Flow Commitments Financed By													
						2017	2018	2019	2020	2021	Total 2017-2021	Total 2022-2026	Total 2017-2026	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable Debt	Total Financing		
TRN000001 Traffic Signals Major Modifications																									
0	8	13TM-01TP Signal Major Modification 2013-2016	CW	S2	01	26	0	0	0	0	26	0	26	0	0	0	0	0	0	0	0	26	0	26	
0	11	2017 to 2026 Signal Major Modifications	CW	S5	01	882	0	0	0	0	882	0	882	0	0	882	0	0	0	0	0	0	0	882	
0	13	2016 History Signal Major Modifications	CW	S2	01	1,681	0	0	0	0	1,681	0	1,681	0	0	676	0	0	0	0	0	1,005	0	1,681	
0	14	17TM-01TP ELECTRICAL CONTROL DEVICES GUILD	CW	S2	01	1,408	1,536	1,575	1,614	96	6,229	0	6,229	0	0	1,553	0	0	0	0	0	4,676	0	6,229	
Sub-total						3,997	1,536	1,575	1,614	96	8,818	0	8,818	0	0	3,111	0	0	0	0	0	0	5,707	0	8,818
TRN000172 Third Party Signals																									
0	11	2017 to 2026 Third Party Signals	CW	S5	05	842	0	0	0	0	842	0	842	0	0	0	0	0	0	0	842	0	0	842	
0	12	2017 to 2025 Reduction in work for TMC	CW	S5	05	-600	0	0	0	0	-600	0	-600	0	0	0	0	0	0	0	-600	0	0	-600	
0	13	2016 History Third Party Signals	CW	S2	05	300	0	0	0	0	300	0	300	0	0	0	0	0	0	0	300	0	0	300	
0	14	17TM-01TP ELECTRICAL TRAFFIC CONTROL DEVICE GUILD	CW	S2	05	58	63	65	66	4	256	0	256	0	0	0	0	0	0	0	256	0	0	256	
Sub-total						600	63	65	66	4	798	0	798	0	0	0	0	0	0	0	0	798	0	798	
TRN000181 Steeles Widenings (Tapscott Road - Beare Road)																									
0	1	2016 - 2021 Steeles Widenings (Tapscott Beare)	42	S2	05	2,000	4,000	4,000	17,000	13,000	40,000	0	40,000	0	0	35,200	0	0	0	0	0	4,800	0	40,000	
Sub-total						2,000	4,000	4,000	17,000	13,000	40,000	0	40,000	0	0	35,200	0	0	0	0	0	4,800	0	40,000	
TRN000183 Cycling Infrastructure																									
0	29	2016 C.I. Humber Trail Extensions Wards 1,2,7	CW	S2	04	475	0	0	0	0	475	0	475	0	0	375	0	0	0	0	0	100	0	475	
0	30	2017 to 2026 Cycling Infrastructure	CW	S5	04	7,705	0	0	0	0	7,705	0	7,705	0	0	1,387	0	0	0	0	0	6,318	0	7,705	
0	31	2017-2018 Toronto Bike Plan/Off Road Bike Trail	CW	S5	04	500	0	0	0	0	500	0	500	0	0	200	0	0	0	0	0	300	0	500	
0	36	2016 History Additional Funding	CW	S2	04	4,000	0	0	0	0	4,000	0	4,000	0	0	720	0	0	0	0	0	3,280	0	4,000	
0	38	2017 C.I. Centennial Pk Path	03	S5	04	250	0	0	0	0	250	0	250	0	0	250	0	0	0	0	0	0	0	250	
0	40	2016 C.I. Toronto Bike Plan/Off Road Trails	CW	S2	04	1,238	0	0	0	0	1,238	0	1,238	0	0	838	0	0	0	0	0	400	0	1,238	
0	41	2016 Cycling Infrastructure	CW	S2	04	5,749	0	0	0	0	5,749	0	5,749	0	0	0	0	0	0	0	0	5,749	0	5,749	
0	42	2017 C.I. Humber Trail Extension 1,2,7	CW	S5	04	750	0	0	0	0	750	0	750	0	0	750	0	0	0	0	0	0	0	750	
Sub-total						20,667	0	0	0	0	20,667	0	20,667	0	0	4,520	0	0	0	0	0	0	16,147	0	20,667
TRN000184 Growth Related Capital Works																									

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Gross Expenditures (\$000's)

Appendix 4 – 2017 Cash Flow and Future Year Commitments

Transportation Services

Sub-Project No.	Project Name	Ward	Stat.	Cat.	Current and Future Year Cash Flow Commitments									Current and Future Year Cash Flow Commitments Financed By											
					2017	2018	2019	2020	2021	Total 2017-2021	Total 2022-2026	Total 2017-2026	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable	Total Financing			
TRN906355 North York Service Road Extension																									
0 18	2017 Recast Capital Budget	CW	S3	05	0	-2,000	-1,000	500	750	-1,750	1,750	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sub-total				0	0	2,000	500	750	3,250	1,750	5,000	0	0	0	0	0	0	0	0	0	5,000	0	5,000	0
TRN906405 Upgrades To Meet New ESA Requirements																									
0 15	2017 To 2025 Upgrades to Meet New ESA	CW	S5	01	400	0	0	0	0	400	0	400	0	0	0	0	0	0	0	0	0	400	0	400	0
0 16	Program Completed in 2016 Decrease Funding	CW	S5	01	-400	0	0	0	0	-400	0	-400	0	0	0	0	0	0	0	0	0	-400	0	-400	0
	Sub-total				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRN906857 Retaining Walls Rehabilitation																									
0 12	2016-2025 Retaining Walls	CW	S5	03	1,279	0	0	0	0	1,279	0	1,279	0	0	0	0	0	0	0	0	0	1,279	0	1,279	0
0 13	History Additional funds 2016	CW	S2	03	5,121	0	0	0	0	5,121	0	5,121	0	0	0	0	0	0	0	0	0	5,121	0	5,121	0
0 15	2016 History Retaining Walls Rehab	CW	S2	03	1,218	0	0	0	0	1,218	0	1,218	0	0	0	0	0	0	0	0	0	1,218	0	1,218	0
	Sub-total				7,618	0	0	0	0	7,618	0	7,618	0	0	0	0	0	0	0	0	0	7,618	0	7,618	0
TRN907125 PXO Visibility Enhancement																									
0 8	2016 PXO Visibility Enhancement	CW	S2	01	427	0	0	0	0	427	0	427	0	0	0	0	0	0	0	0	0	427	0	427	0
	Sub-total				427	0	0	0	0	427	0	427	0	0	0	0	0	0	0	0	0	427	0	427	0
TRN907247 Signs and Markings Asset Management																									
0 8	2017 to 2026 Signs & Markings Asset Management	CW	S5	04	1,000	0	0	0	0	1,000	0	1,000	0	0	0	0	0	0	0	0	0	1,000	0	1,000	0
0 11	2016 History Signs and Markings Asset Management	CW	S2	04	2,408	0	0	0	0	2,408	0	2,408	0	0	0	0	0	0	0	0	0	2,408	0	2,408	0
	Sub-total				3,408	0	0	0	0	3,408	0	3,408	0	0	0	0	0	0	0	0	0	3,408	0	3,408	0
TRN907312 Neighbourhood Improvements																									
0 17	2017-2026 Neighbourhood Improvements	CW	S5	03	2,000	0	0	0	0	2,000	0	2,000	0	0	0	2,000	0	0	0	0	0	0	0	0	2,000
0 18	2016 History Neighbourhood Improvement	CW	S2	03	877	0	0	0	0	877	0	877	0	0	0	877	0	0	0	0	0	0	0	0	877
	Sub-total				2,877	0	0	0	0	2,877	0	2,877	0	0	0	2,877	0	0	0	0	0	0	0	0	2,877
TRN907323 Six Points Interchange Redevelopment																									
0 2	Six Points Interchange Redevelopment 2015 History	CW	S2	05	8,374	0	0	0	0	8,374	0	8,374	0	0	2,660	0	3,874	0	0	0	0	1,840	0	8,374	0
0 4	Six Points Interchange Redevelopment 2014	CW	S2	05	75	0	0	0	0	75	0	75	0	0	75	0	0	0	0	0	0	0	0	0	75
0 5	2016 & Future Six Points	CW	S2	05	18,000	10,548	0	0	0	28,548	0	28,548	0	0	7,993	0	8,300	0	0	0	0	12,255	0	28,548	

CITY OF TORONTO

Gross Expenditures (\$000's)

Appendix 4 – 2017 Cash Flow and Future Year Commitments

Transportation Services

Sub- Project No. Project Name Priority/SubProj No. Sub-project Name Ward Stat. Cat.						Current and Future Year Cash Flow Commitments							Current and Future Year Cash Flow Commitments Financed By												
						2017	2018	2019	2020	2021	Total 2017-2021	Total 2022-2026	Total 2017-2026	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable Debt	Total Financing		
TRN907838 <u>Leigon Road Extension & Grade Separation</u>																									
0	2	2017 Recast Capital Budget	CW	S3	05	490	980	14,140	-1,350	-1,350	12,910	-15,000	-2,090	0	0	-2,090	0	0	0	0	0	0	0	-2,090	
Sub-total						490	980	14,140	-1,350	-1,350	12,910	-15,000	-2,090	0	0	-2,090	0	0	0	0	0	0	0	-2,090	
TRN907839 <u>St Clair TMP:Keele to Old Weston</u>																									
0	1	St Clair West/Metrolinx Georgetown 2015 History	11	S2	05	12,000	12,000	0	0	0	24,000	0	24,000	0	0	10,800	0	0	0	0	13,200	0	24,000		
0	2	St Clair West/Metrolinx Georgetown	11	S2	05	-12,000	-12,000	0	0	0	-24,000	0	-24,000	0	0	-10,800	0	0	0	0	-13,200	0	-24,000		
0	3	St Clair TMP: Keele to Old Weston 2017-2020	CW	S5	05	4,000	2,000	12,000	12,000	0	30,000	0	30,000	0	0	13,500	0	0	0	0	16,500	0	30,000		
Sub-total						4,000	2,000	12,000	12,000	0	30,000	0	30,000	0	0	13,500	0	0	0	0	0	16,500	0	30,000	
TRN907840 <u>LARP(Lawrence-Allen Revitalization Project)</u>																									
0	4	2015 to 2020 LARP	15	S2	05	2,247	940	2,086	438	0	5,711	0	5,711	0	0	0	5,711	0	0	0	0	0	5,711		
Sub-total						2,247	940	2,086	438	0	5,711	0	5,711	0	0	0	5,711	0	0	0	0	0	0	5,711	
TRN907849 <u>Yonge Street/Highway 401 Interchange Improver</u>																									
0	1	Yonge St/HWY 401 Interchange Improve 2015 cashflow	CW	S2	05	11,250	0	0	0	0	11,250	0	11,250	0	0	2,825	0	0	0	0	5,625	2,800	11,250		
0	2	Yonge Street/Highway 401 Interchange Improvements	CW	S2	05	-11,250	0	0	0	0	-11,250	0	-11,250	0	0	-2,825	0	0	0	0	-5,625	-2,800	-11,250		
Sub-total						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRN907910 <u>F.G. Gardiner</u>																									
0	8	Elevated Portion 2015	CW	S2	03	94,000	98,000	0	0	0	192,000	0	192,000	0	0	0	192,000	0	0	0	0	0	192,000		
0	25	Elevated Portion 2016 Adjustments	CW	S2	03	-80,804	-95,000	20	0	0	-175,784	0	-175,784	0	0	0	-175,784	0	0	0	0	0	-175,784		
Sub-total						13,196	3,000	20	0	0	16,216	0	16,216	0	0	0	16,216	0	0	0	0	0	0	16,216	
TRN907926 <u>Major Road Rehabilitation</u>																									
0	2	History 2013 - With 2014 to 2018 Cash Flow	CW	S2	03	760	540	0	0	0	1,300	0	1,300	0	0	0	0	0	0	0	1,300	0	1,300		
0	3	Major Road Rehabilitation 2017 to 2026	CW	S5	03	0	14,276	14,993	29,811	60,369	119,449	60,369	179,818	0	0	0	90,000	0	0	0	0	89,818	179,818		
0	4	Geotechnical REOI 9173-14-7166 2015-2017	CW	S2	03	1,442	0	0	0	0	1,442	0	1,442	0	0	0	0	0	0	0	1,442	0	1,442		
0	6	PW29.3 Tender Call No. 14-2014	CW	S2	03	5,500	0	0	0	0	5,500	0	5,500	0	0	0	0	0	0	0	5,500	0	5,500		
0	7	Major Road Rehab 2015 History 2015-2019	CW	S2	03	37,814	42,828	29,986	0	0	110,628	0	110,628	0	0	0	60,000	0	0	0	0	50,628	110,628		
0	8	2016 History 2017 to 2020	CW	S2	03	12,605	0	14,993	29,811	0	57,409	0	57,409	0	0	0	30,000	0	0	0	0	27,409	57,409		

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Gross Expenditures (\$000's)

Appendix 4 – 2017 Cash Flow and Future Year Commitments

Transportation Services

Sub- Project No. Project Name PrioritySubProj No. Sub-project Name Ward Stat. Cat.						Current and Future Year Cash Flow Commitments							Current and Future Year Cash Flow Commitments Financed By											
						2017	2018	2019	2020	2021	Total 2017-2021	Total 2022-2026	Total 2017-2026	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable Debt	Total Financing	
<u>TRN908078 Local Road Rehabilitation</u>																								
0	1	Local Rd Rehab History 2015 to 2019	CW	S2	03	40,055	45,770	32,225	0	0	118,050	0	118,050	0	0	0	0	0	0	0	0	118,050	0	118,050
0	2	Local Road Reconstruction PM 2013 to 2018	CW	S2	03	950	675	0	0	0	1,625	0	1,625	0	0	0	0	0	0	0	0	1,625	0	1,625
0	9	LR Rehab 2017 to 2026	CW	S5	03	0	15,257	16,112	35,605	71,722	138,696	72,472	211,168	0	0	0	0	0	0	0	0	211,168	0	211,168
0	10	History 2016 Local Road Rehabilitation	CW	S2	03	13,352	0	16,112	35,605	0	65,069	0	65,069	0	0	0	0	0	0	0	0	65,069	0	65,069
0	11	2017 Recast Capital Budget	CW	S3	03	0	-3,758	-2,846	-5,875	-2,580	-15,059	553	-14,506	0	0	0	0	0	0	0	0	-14,506	0	-14,506
Sub-total						54,357	57,944	61,603	65,335	69,142	308,381	73,025	381,406	0	0	0	0	0	0	0	0	381,406	0	381,406
<u>TRN908141 Georgetown South City Infrastructure Upgrades</u>																								
0	2	Georgetown S. City Infrast Upgrades 2016-2019	CW	S5	05	13,420	0	0	0	0	13,420	0	13,420	0	0	0	0	0	0	0	0	13,420	0	13,420
Sub-total						13,420	0	0	0	0	13,420	0	13,420	0	0	0	0	0	0	0	0	13,420	0	13,420
<u>TRN908142 Major SOGR Pooled Contingency</u>																								
0	6	2015 Bridge Lanes Walks Roads 2017 to 2021	CW	S2	03	4,191	4,337	4,476	4,535	4,528	22,067	0	22,067	0	0	0	0	0	0	0	0	22,067	0	22,067
0	11	2016 Bridges Lanes Walks Roads 2022	CW	S2	03	0	0	0	0	0	0	4,533	4,533	0	0	0	0	0	0	0	0	4,533	0	4,533
0	16	2017 Recast Capital Budget	CW	S3	03	-391	-537	-676	-735	-728	-3,067	-733	-3,800	0	0	0	0	0	0	0	0	-3,800	0	-3,800
Sub-total						3,800	3,800	3,800	3,800	3,800	19,000	3,800	22,800	0	0	0	0	0	0	0	0	22,800	0	22,800
<u>TRN908175 Local Speed Limit Reduction</u>																								
0	1	Local Speed Limit Reduction - 2016	CW	S2	01	1,266	0	0	0	0	1,266	0	1,266	0	0	0	0	0	0	0	0	1,266	0	1,266
Sub-total						1,266	0	0	0	0	1,266	0	1,266	0	0	0	0	0	0	0	0	1,266	0	1,266
<u>TRN908176 Guide Rail Replacement</u>																								
0	1	Guide Rail Replacement 2016-2018	CW	S2	01	2,000	1,000	0	0	0	3,000	0	3,000	0	0	0	0	0	0	0	0	3,000	0	3,000
Sub-total						2,000	1,000	0	0	0	3,000	0	3,000	0	0	0	0	0	0	0	0	3,000	0	3,000
<u>TRN908177 Tactile Domes Installation</u>																								
0	1	Tactile Domes Installation 2016-2018	CW	S2	01	1,752	1,000	0	0	0	2,752	0	2,752	0	0	0	0	0	0	0	0	2,752	0	2,752
Sub-total						1,752	1,000	0	0	0	2,752	0	2,752	0	0	0	0	0	0	0	0	2,752	0	2,752
<u>TRN908274 Yonge Street Revitalization</u>																								
0	1	Yonge Street Revitalization	CW	S2	05	402	0	0	0	0	402	0	402	0	0	0	0	0	0	0	0	402	0	402
Sub-total						402	0	0	0	0	402	0	402	0	0	0	0	0	0	0	0	402	0	402

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Transportation Services

Sub- Priority	Project No. SubProj No.	Project Name Sub-project Name	Ward	Stat.	Cat.	Current and Future Year Cash Flow Commitments							Current and Future Year Cash Flow Commitments Financed By												
						2017	2018	2019	2020	2021	Total 2017-2021	Total 2022-2026	Total 2017-2026	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable Debt	Total Financing		
TRN908286 <u>Finch LRT - Transportation Study</u>																									
0	1	2016 Finch LRT Study	CW	S2	04	200	0	0	0	0	200	0	200	0	0	0	0	0	100	0	100	0	0	200	
Sub-total						200	0	0	0	0	200	0	200	0	0	0	0	0	100	0	100	0	0	200	
TRN908288 <u>F. G. Gardiner(AFP)</u>																									
0	1	Program Management	CW	S2	03	39,065	11,550	11,550	11,550	11,550	85,265	23,100	108,365	0	0	0	106,232	0	0	0	0	2,133	0	108,365	
0	7	2017 FG.Gardiner AFP Plan B	CW	S3	03	-17,820	100,320	203,700	209,100	216,600	711,900	-696,600	15,300	0	-820,000	0	-27,900	0	0	0	0	863,200	0	15,300	
Sub-total						21,245	111,870	215,250	220,650	228,150	797,165	-673,500	123,665	0	-820,000	0	78,332	0	0	0	0	865,333	0	123,665	
TRN908289 <u>Participatory Budgeting Pilot</u>																									
0	1	Brian Village Gateway	33	S2	04	50	0	0	0	0	50	0	50	0	0	0	0	50	0	0	0	0	0	50	
0	2	Bicycle Lockers near Don Mills Subway	33	S2	04	15	0	0	0	0	15	0	15	0	0	0	0	15	0	0	0	0	0	15	
Sub-total						65	0	0	0	0	65	0	65	0	0	0	0	65	0	0	0	0	0	65	
TRN908290 <u>N.I Mill Street Streetscape Improvements</u>																									
0	1	N.I. Mill Street Streetscape Improvements	28	S2	03	439	0	0	0	0	439	0	439	0	0	0	0	0	0	439	0	0	0	439	
Sub-total						439	0	0	0	0	439	0	439	0	0	0	0	0	0	439	0	0	0	439	
TRN908411 <u>Design Cherry St Realignment and Bridges</u>																									
0	1	2017 -Comp 30% Design Cherry St. Realignment & Bri	30	S5	05	4,200	1,400	0	0	0	5,600	0	5,600	0	0	0	0	0	0	0	0	5,600	0	5,600	
Sub-total						4,200	1,400	0	0	0	5,600	0	5,600	0	0	0	0	0	0	0	0	0	5,600	0	5,600
TRN908430 <u>S.M. The Upper Avenue</u>																									
0	1	S.M. The Upper Avenue	16	S2	04	5	0	0	0	0	5	0	5	0	0	0	0	0	0	5	0	0	0	5	
Sub-total						5	0	0	0	0	5	0	5	0	0	0	0	0	0	5	0	0	0	5	
TRN908433 <u>Transit Shelter Property Acquisition</u>																									
0	1	2016 Transit Shelter Property Acquisition	CW	S2	04	100	0	0	0	0	100	0	100	0	0	0	0	100	0	0	0	0	0	100	
Sub-total						100	0	0	0	0	100	0	100	0	0	0	0	100	0	0	0	0	0	100	
TRN908435 <u>PTIF Projects</u>																									
0	1	PTIF Transportation Cycling	CW	S5	04	67,156	16,789	0	0	0	83,945	0	83,945	0	41,972	0	0	0	0	0	0	41,973	0	83,945	
0	2	PTIF Transportation Surface Track Ops.	CW	S5	04	4,264	1,066	0	0	0	5,330	0	5,330	0	2,665	0	0	0	0	0	0	2,665	0	5,330	

CITY OF TORONTO

Gross Expenditures (\$000's)

Appendix 4 – 2017 Cash Flow and Future Year Commitments

Transportation Services

Sub- Priority	Project No. SubProj No.	Project Name Sub-project Name	Ward	Stat.	Cat.	Current and Future Year Cash Flow Commitments						Current and Future Year Cash Flow Commitments Financed By														
						2017	2018	2019	2020	2021	Total 2017-2021	Total 2022-2026	Total 2017-2026	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable Debt	Total Financing			
TRN908435 PTIF Projects																										
0	3	PTIF Transportation Road Safety	CW	S5	04	8,120	2,030	0	0	0	10,150	0	10,150	0	5,075	0	0	0	0	0	0	0	5,075	0	10,150	
Sub-total						79,540	19,885	0	0	0	99,425	0	99,425	0	49,712	0	0	0	0	0	0	0	0	49,713	0	99,425
TRN908437 System Enhancements for Road Repair & Permit																										
0	1	2017 Cash Flow for System Enhancements	CW	S5	04	580	603	0	0	0	1,183	0	1,183	0	0	0	0	0	0	0	0	0	1,183	0	1,183	
Sub-total						580	603	0	0	0	1,183	0	1,183	0	0	0	0	0	0	0	0	0	0	1,183	0	1,183
Total Program Expenditure						527,988	400,573	492,300	468,321	461,486	2,350,668	-487,636	1,863,032	0	-770,288	110,249	280,259	19,975	2,929	4,777	60,809,134,758	19,564	1,863,032			

CITY OF TORONTO

Gross Expenditures (\$000's)

Appendix 4 – 2017 Cash Flow and Future Year Commitments

Sub- Project No. Project Name Priority SubProj No. Sub-project Name		Current and Future Year Cash Flow Commitments and Estimates									Current and Future Year Cash Flow Commitments and Estimates Financed By										
		Ward Stat. Cat.	2017	2018	2019	2020	2021	Total 2017-2021	Total 2022-2026	Total 2017-2026	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable Debt	Total Financing	
Financed By:																					
Federal Subsidy			39,770	9,942	0	0	0	49,712	-820,000	-770,288	0	-770,288	0	0	0	0	0	0	0	-770,288	
Development Charges			30,425	19,218	33,281	23,261	14,701	120,886	-10,637	110,249	0	0	110,249	0	0	0	0	0	0	110,249	
Reserves (Ind. "XQ" Ref.)			64,555	63,310	43,656	41,988	41,550	255,059	25,200	280,259	0	0	0	280,259	0	0	0	0	0	280,259	
Reserve Funds (Ind."XR" Ref.)			16,675	3,300	0	0	0	19,975	0	19,975	0	0	0	0	19,975	0	0	0	0	19,975	
Capital from Current			2,929	0	0	0	0	2,929	0	2,929	0	0	0	0	2,929	0	0	0	0	2,929	
Other1 (Internal)			4,777	0	0	0	0	4,777	0	4,777	0	0	0	0	0	4,777	0	0	0	4,777	
Other2 (External)			34,611	10,063	4,065	4,066	4,004	56,809	4,000	60,809	0	0	0	0	0	0	60,809	0	0	60,809	
Debt			324,144	294,593	403,967	397,022	401,231	1,820,957	313,801	2,134,758	0	0	0	0	0	0	0	0	134,758	2,134,758	
Debt - Recoverable			10,102	147	7,331	1,984	0	19,564	0	19,564	0	0	0	0	0	0	0	0	19,564	19,564	
Total Program Financing			527,988	400,573	492,300	468,321	461,486	2,350,668	-487,636	1,863,032	0	-770,288	110,249	280,259	19,975	2,929	4,777	60,809	134,758	19,564	1,863,032

Status Code	Description
S2	S2 Prior Year (With 2017 and/or Future Year Cashflow)
S3	S3 Prior Year - Change of Scope 2017 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 5

2017 Preliminary Capital Budget with Financing Detail

(Phase 2) 06-Transportation Services

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
Appendix 5 – 2017 Capital Budget with Financing Detail
Transportation Services
Sub-Project Summary

Project/Financing Priority Project	Project Name	Start Date	Completion Date	2017	Financing										
				Cash Flow	Provincial Grants Subsidies	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From Current	Other 1	Other 2	Debt	Debt - Recoverable	
0	<u>TRN000001</u>	<u>Traffic Signals Major Modifications</u>													
0	8 13TM-01TP Signal Major Modification 2013-2016	01/01/2013	12/31/2016	26	0	0	0	0	0	0	0	0	26	0	
0	11 2017 to 2026 Signal Major Modifications	01/01/2015	12/31/2024	882	0	0	882	0	0	0	0	0	0	0	
0	13 2016 History Signal Major Modifications	06/15/2016	06/15/2016	1,681	0	0	676	0	0	0	0	0	1,005	0	
0	14 17TM-01TP ELECTRICAL CONTROL DEVICES GUILD	10/07/2016	10/07/2016	1,408	0	0	263	0	0	0	0	0	1,145	0	
	Project Sub-total:			3,997	0	0	1,821	0	0	0	0	0	2,176	0	
0	<u>TRN000172</u>	<u>Third Party Signals</u>													
0	11 2017 to 2026 Third Party Signals	01/01/2015	12/31/2015	842	0	0	0	0	0	0	0	842	0	0	
0	12 2017 to 2025 Reduction in work for TMC	06/15/2016	06/15/2016	-600	0	0	0	0	0	0	0	-600	0	0	
0	13 2016 History Third Party Signals	06/15/2016	06/15/2016	300	0	0	0	0	0	0	0	300	0	0	
0	14 17TM-01TP ELECTRICAL TRAFFIC CONTROL DEVICE GUIL	10/07/2016	10/07/2016	58	0	0	0	0	0	0	0	58	0	0	
	Project Sub-total:			600	0	0	0	0	0	0	0	600	0	0	
0	<u>TRN000181</u>	<u>Steeles Widenings (Tapscott Road - Beare Road)</u>													
0	1 2016 - 2021 Steeles Widenings (Tapscott Beare)	01/01/2016	12/31/2019	2,000	0	0	1,760	0	0	0	0	0	240	0	
	Project Sub-total:			2,000	0	0	1,760	0	0	0	0	0	240	0	
0	<u>TRN000183</u>	<u>Cycling Infrastructure</u>													
0	29 2016 C.I. Humber Trail Extensions Wards 1,2,7	01/01/2014	12/31/2016	475	0	0	375	0	0	0	0	0	100	0	
0	30 2017 to 2026 Cycling Infrastructure	01/01/2014	12/31/2024	7,705	0	0	1,387	0	0	0	0	0	6,318	0	
0	31 2017-2018 Toronto Bike Plan/Off Road Bike Trail	01/01/2014	12/31/2024	500	0	0	200	0	0	0	0	0	300	0	
0	36 2016 History Additional Funding	01/01/2016	12/31/2016	4,000	0	0	720	0	0	0	0	0	3,280	0	
0	38 2017 C.I. Centennial Pk Path	01/01/2016	12/31/2017	250	0	0	250	0	0	0	0	0	0	0	
0	40 2016 C.I. Toronto Bike Plan/Off Road Trails	06/15/2016	06/15/2016	1,238	0	0	838	0	0	0	0	0	400	0	
0	41 2016 Cycling Infrastructure	06/15/2016	06/15/2016	5,749	0	0	0	0	0	0	0	0	5,749	0	
0	42 2017 C.I. Humber Trail Extension 1,2,7	06/15/2016	06/15/2016	750	0	0	750	0	0	0	0	0	0	0	
	Project Sub-total:			20,667	0	0	4,520	0	0	0	0	0	16,147	0	
0	<u>TRN000184</u>	<u>Growth Related Capital Works</u>													
0	12 2017 to 2026 Growth Related Capital Works	01/01/2014	12/31/2023	300	0	0	180	0	0	0	0	0	120	0	
	Project Sub-total:			300	0	0	180	0	0	0	0	0	120	0	
0	<u>TRN000191</u>	<u>Scarlett/St Clair/Dundas</u>													
0	3 Scarlett/St Clair/Dundas - 2014 History	01/01/2014	12/31/2014	3,751	0	0	1,809	0	0	0	0	0	1,942	0	
0	4 2016 to 2021	01/01/2016	12/31/2017	8,398	0	0	3,043	0	0	0	0	0	5,355	0	
0	5 2017 Recast Capital Budget	01/01/2016	12/31/2017	-7,700	0	0	-2,960	0	0	0	0	0	-4,740	0	
	Project Sub-total:			4,449	0	0	1,892	0	0	0	0	0	2,557	0	

(Phase 2) 06-Transportation Services

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
Appendix 5 – 2017 Capital Budget with Financing Detail
Transportation Services
Sub-Project Summary

Project/Financing				2017	Financing											
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	
0	<u>TRN000370</u>	<u>Traffic Calming</u>														
0	11	2017 to 2026 Traffic Calming	01/01/2014	12/31/2024	298	0	0	0	0	0	0	0	0	298	0	
0	14	2016 History Traffic Calming	06/15/2016	06/15/2016	113	0	0	0	0	0	0	0	0	113	0	
		Project Sub-total:			411	0	0	0	0	0	0	0	0	411	0	
0	<u>TRN025</u>	<u>Work for TTC & Others</u>														
0	11	2017 to 2026 Work for TTC & Others	01/01/2014	12/31/2023	4,000	0	0	0	0	0	0	0	4,000	0	0	
0	13	2017 Additional Funding ECS Projects	06/04/2015	06/04/2015	28,000	0	0	0	0	0	0	0	28,000	0	0	
0	14	2016 History Work For TTC & Others	06/16/2016	06/16/2016	1,911	0	0	0	0	0	0	0	1,911	0	0	
		Project Sub-total:			33,911	0	0	0	0	0	0	0	33,911	0	0	
0	<u>TRN029</u>	<u>Don Valley Parkway Rehabilitation</u>														
0	17	Don Valley - Future 2017 - 2026	01/01/2015	12/31/2024	2,435	0	0	0	0	0	0	0	0	2,435	0	
		Project Sub-total:			2,435	0	0	0	0	0	0	0	0	2,435	0	
0	<u>TRN031</u>	<u>New Traffic Control Signals / Devices</u>														
0	11	13TM-01TP New Traffic Control Signal 2013-2016	01/01/2013	12/31/2016	24	0	0	0	0	0	0	0	0	24	0	
0	14	2017 to 2026 New Traffic Control Signals/Devices	01/01/2015	12/31/2015	2,003	0	0	1,090	0	0	0	0	0	913	0	
0	17	2016 History New Traffic Control Signals/Devices	06/15/2016	06/15/2016	1,613	0	0	703	0	0	0	0	0	910	0	
0	18	17TM-01TP ELECTRICAL CONTROL DEVICES GUILD	10/07/2016	10/07/2016	177	0	0	0	0	0	0	0	0	177	0	
		Project Sub-total:			3,817	0	0	1,793	0	0	0	0	0	2,024	0	
0	<u>TRN034</u>	<u>Traffic Plant Requirements/Signal Asset Management</u>														
0	11	13TM-01TP Traffic Plant Requirements 2013-2016	01/01/2013	12/31/2016	892	0	0	0	0	0	892	0	0	0	0	
0	14	2017 to 2026 Traffic Plant Req'd	01/01/2015	12/31/2015	677	0	0	0	0	0	0	0	0	677	0	
0	17	17TM-01TP ELECTRICAL CONTROL DEVICES GUILD	10/07/2016	10/07/2016	5,023	0	0	0	0	0	0	0	0	5,023	0	
0	18	History 2016 & Future Traffic Plant Requirements	11/09/2016	11/09/2016	500	0	0	0	0	0	0	0	0	500	0	
		Project Sub-total:			7,092	0	0	0	0	0	892	0	0	6,200	0	
0	<u>TRN035</u>	<u>Advanced Traffic Signal Control</u>														
0	10	13TM-01TP Advanced Traffic Signal Control 2013-2016	01/01/2013	12/31/2016	175	0	0	79	0	0	0	0	0	96	0	
0	14	2017 TO 2024 ATSC	01/01/2014	12/31/2024	862	0	0	675	0	0	0	0	0	187	0	
0	18	2016 History ATSC	06/15/2016	06/15/2016	1,036	0	0	457	0	0	0	0	0	579	0	
0	20	17TM-01TP ELECTRICAL TRAFFIC CONTROL DEVICES GU	10/07/2016	10/07/2016	488	0	0	0	0	0	0	0	0	488	0	
		Project Sub-total:			2,561	0	0	1,211	0	0	0	0	0	1,350	0	
0	<u>TRN036</u>	<u>Traffic Control - RESCU</u>														
0	14	2017 to 2025 Future Traffic Control - RESCU	01/01/2015	12/31/2015	1,100	0	0	121	0	0	0	0	0	979	0	
0	16	2017 Developed under CMP & ITSC Decrease Funding	06/15/2016	06/15/2016	-850	0	0	-93	0	0	0	0	0	-757	0	



CITY OF TORONTO
Appendix 5 – 2017 Capital Budget with Financing Detail
Transportation Services
Sub-Project Summary

Project/Financing				2017	Financing										
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
0	<u>TRN036</u>	<u>Traffic Control - RESCU</u>													
0	17	2016 History Traffic Control RESCU	06/15/2016	06/15/2016	564	0	0	45	0	0	0	0	0	519	0
		Project Sub-total:			814	0	0	73	0	0	0	0	0	741	0
0	<u>TRN037</u>	<u>Accessible Pedestrian Signals (Audible Signals)</u>													
0	10	13TM-01TP Audible Signals 2013-2016	01/01/2013	12/31/2016	143	0	0	0	0	0	0	0	0	143	0
0	14	2017 to 2026 Accessible Pedestrian Signals	01/01/2015	12/31/2015	810	0	0	89	0	0	0	0	0	721	0
0	15	2016 History Increase Funding	01/01/2016	12/31/2016	440	0	0	0	0	0	0	0	0	440	0
0	16	Increase Funding - 2017 to 2025	01/01/2016	12/31/2016	1,186	0	0	164	0	0	0	0	0	1,022	0
0	17	17TM-01TP ELECTRICAL TRAFFIC CONTROL DEVICES GU	10/07/2016	10/07/2016	304	0	0	0	0	0	0	0	0	304	0
0	18	2016 History Future Accessible Pedestrian Signals	11/09/2016	11/09/2016	1,203	0	0	165	0	0	0	0	0	1,038	0
		Project Sub-total:			4,086	0	0	418	0	0	0	0	0	3,668	0
0	<u>TRN055</u>	<u>City Bridge Rehabilitation</u>													
0	14	Bridge Assessments to 2018	11/27/2013	11/27/2018	1,000	0	0	0	0	0	0	0	0	1,000	0
0	17	City Bridge Rehab History 2015	01/01/2014	12/31/2015	24,368	0	0	0	0	0	0	0	0	24,368	0
0	18	City Bridge 2016 to 2020	06/14/2016	06/14/2016	8,123	0	0	0	0	0	0	0	0	8,123	0
		Project Sub-total:			33,491	0	0	0	0	0	0	0	0	33,491	0
0	<u>TRN160</u>	<u>Engineering Studies</u>													
0	16	2017 to 2026 Engineering Studies	01/01/2015	12/31/2024	3,000	0	0	840	0	0	0	0	0	2,160	0
0	17	Additional Funds 2016 to 2019	01/01/2016	12/31/2016	1,500	0	0	420	0	0	0	0	0	1,080	0
0	20	2016 Engineering Studies	06/15/2016	06/15/2016	1,937	0	0	0	0	0	1,937	0	0	0	0
		Project Sub-total:			6,437	0	0	1,260	0	0	1,937	0	0	3,240	0
0	<u>TRN380</u>	<u>Transportation Safety & Local Improvement Program</u>													
0	11	2017 to 2026 TSLIP	01/01/2014	12/31/2024	1,297	0	0	0	0	0	0	0	0	1,297	0
0	14	2016 TSLIP	06/15/2016	06/15/2016	573	0	0	0	0	0	0	0	0	573	0
		Project Sub-total:			1,870	0	0	0	0	0	0	0	0	1,870	0
0	<u>TRN906071</u>	<u>Port Union Road</u>													
0	4	2016 - 2017 History Port Union Road	06/03/2015	06/03/2015	4,615	0	0	3,205	0	0	0	0	0	1,410	0
0	5	2017 Recast Capital Budget	06/16/2016	06/16/2016	-3,300	0	0	-2,310	0	0	0	0	0	-990	0
		Project Sub-total:			1,315	0	0	895	0	0	0	0	0	420	0
0	<u>TRN906072</u>	<u>Salt Management Program</u>													
0	14	2017 to 2026 Salt Management	01/01/2015	12/31/2024	1,105	0	0	0	0	0	0	0	0	1,105	0
0	15	2016 History Salt Management	06/15/2016	06/15/2016	477	0	0	0	0	0	0	0	0	477	0
		Project Sub-total:			1,582	0	0	0	0	0	0	0	0	1,582	0



CITY OF TORONTO

Appendix 5 – 2017 Capital Budget with Financing Detail

Transportation Services

Sub-Project Summary

Project/Financing				2017	Financing										
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
0	TRN906079	LED Signal Module Conversion													
0	9	2017 to 2026 LED Signal Module Conversion	01/01/2015	12/31/2015	1,000	0	0	0	0	1,000	0	0	0	0	0
0	10	2016 History LED Signal Module Conversion	06/15/2016	06/15/2016	954	0	0	0	0	954	0	0	0	0	0
		Project Sub-total:			1,954	0	0	0	0	1,954	0	0	0	0	0
0	TRN906080	Pedestrian Safety and Infrastructure Programs													
0	13	2017 to 2026 PSIP	01/01/2015	12/31/2024	673	0	0	80	0	0	0	0	0	593	0
0	14	RFQ - Data Collection 2016-2018	06/02/2015	06/02/2015	100	0	0	0	0	0	0	0	0	100	0
0	15	2016 Histroy PSIP	06/15/2016	06/15/2016	442	0	0	0	0	0	0	0	0	442	0
0	17	PS HOMEWOOD DEPRESSED CURB	11/14/2016	11/14/2016	5	0	0	0	0	5	0	0	0	0	0
		Project Sub-total:			1,220	0	0	80	0	5	0	0	0	1,135	0
0	TRN906085	Sidewalks													
0	16	Sidewalks 2015 to 2019	06/01/2015	12/31/2015	13,886	0	0	0	0	0	0	0	0	13,886	0
0	18	History 2016 Sidewalks 2017 to 2020	06/14/2016	06/14/2016	4,629	0	0	0	0	0	0	0	0	4,629	0
0	19	2017 Recast Capital Budget	10/24/2016	10/24/2016	747	0	0	747	0	0	0	0	0	0	0
		Project Sub-total:			19,262	0	0	747	0	0	0	0	0	18,515	0
0	TRN906086	Laneways													
0	11	Laneways 2013 Professional Services to 2018	01/01/2013	12/31/2013	190	0	0	0	0	0	0	0	0	190	0
0	13	Laneways 2015 - 2019	01/01/2015	12/31/2024	1,502	0	0	0	0	0	0	0	0	1,502	0
0	16	Laneways 2017 to 2020	06/14/2016	06/14/2016	501	0	0	0	0	0	0	0	0	501	0
		Project Sub-total:			2,193	0	0	0	0	0	0	0	0	2,193	0
0	TRN906355	North York Service Road Extension													
0	14	2017 North York Service Road	01/01/2015	12/31/2016	5,000	0	0	0	0	0	0	0	0	5,000	0
0	15	2017 Change in Scope	06/16/2016	06/16/2016	-5,000	0	0	0	0	0	0	0	0	-5,000	0
		Project Sub-total:			0	0	0	0	0	0	0	0	0	0	0
0	TRN906405	Upgrades To Meet New ESA Requirements													
0	15	2017 To 2025 Upgrades to Meet New ESA	01/01/2015	12/31/2015	400	0	0	0	0	0	0	0	0	400	0
0	16	Program Completed in 2016 Decrease Funding	06/04/2015	06/04/2015	-400	0	0	0	0	0	0	0	0	-400	0
		Project Sub-total:			0	0	0	0	0	0	0	0	0	0	0
0	TRN906857	Retaining Walls Rehabilitation													
0	12	2016-2025 Retaining Walls	01/01/2015	12/31/2024	1,279	0	0	0	0	0	0	0	0	1,279	0
0	13	History Additional funds 2016	01/01/2016	12/31/2016	5,121	0	0	0	0	0	0	0	0	5,121	0
0	15	2016 History Retaining Walls Rehab	06/14/2016	06/14/2016	1,218	0	0	0	0	0	0	0	0	1,218	0
		Project Sub-total:			7,618	0	0	0	0	0	0	0	0	7,618	0



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Project/Financing Priority Project	Project Name	Start Date	Completion Date	2017	Financing											
				Cash Flow	Provincial Grants Subsidies	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From Current	Other 1	Other 2	Debt	Debt - Recoverable		
0	<u>TRN907125 PXO Visibility Enhancement</u>															
0	8 2016 PXO Visibility Enhancement	01/01/2015	12/31/2024	427	0	0	0	0	0	0	0	0	0	0	427	0
	Project Sub-total:			427	0	0	0	0	0	0	0	0	0	0	427	0
0	<u>TRN907247 Signs and Markings Asset Management</u>															
0	8 2017 to 2026 Signs & Markings Asset Management	01/01/2015	12/31/2015	1,000	0	0	0	0	0	0	0	0	0	0	1,000	0
0	11 2016 History Signs and Markings Asset Management	06/15/2016	06/15/2016	2,408	0	0	0	0	0	0	0	0	0	0	2,408	0
	Project Sub-total:			3,408	0	0	0	0	0	0	0	0	0	0	3,408	0
0	<u>TRN907312 Neighbourhood Improvements</u>															
0	17 2017-2026 Neighbourhood Improvements	01/12/2015	12/31/2024	2,000	0	0	0	0	2,000	0	0	0	0	0	0	0
0	18 2016 History Neighbourhood Improvement	06/14/2016	06/14/2016	877	0	0	0	0	877	0	0	0	0	0	0	0
	Project Sub-total:			2,877	0	0	0	0	2,877	0	0	0	0	0	0	0
0	<u>TRN907328 Redlea Avenue (Steeles - McNicoll)</u>															
0	5 Redlea - 2016	11/05/2015	11/05/2015	2,000	0	0	2,000	0	0	0	0	0	0	0	0	0
	Project Sub-total:			2,000	0	0	2,000	0	0	0	0	0	0	0	0	0
0	<u>TRN907546 Regent Park Revitalization</u>															
0	7 2017 to 2022 Regent Park Revitalization	01/01/2015	12/31/2024	1,565	0	0	689	0	0	0	0	0	0	0	876	0
0	8 2016 History Regent Park	06/16/2016	06/16/2016	793	0	0	349	0	0	0	0	0	0	0	444	0
	Project Sub-total:			2,358	0	0	1,038	0	0	0	0	0	0	0	1,320	0
0	<u>TRN907673 Facility Improvements</u>															
0	7 2017 to 2026 Facility Improvements	01/01/2014	12/31/2024	1,500	0	0	0	0	0	0	0	0	0	0	1,500	0
0	9 2016 Facility Improvements	06/15/2016	06/15/2016	520	0	0	0	0	0	0	0	0	0	0	520	0
	Project Sub-total:			2,020	0	0	0	0	0	0	0	0	0	0	2,020	0
0	<u>TRN907834 Gardiner York/Bay/Yonge Reconfiguration</u>															
0	1 Gardiner York/Bay/Yonge Reconf 2016-2017	01/01/2013	12/31/2014	29,333	0	0	0	0	0	0	4,333	0	15,000	10,000		
	Project Sub-total:			29,333	0	0	0	0	0	0	4,333	0	15,000	10,000		
0	<u>TRN907836 Ingram Drive Extension - Grade Separation</u>															
0	2 Ingram Drive 2016 to 2019	01/01/2016	12/30/2017	3,000	0	0	0	0	0	0	0	0	0	3,000	0	
0	5 2017 Recast Capital Budget	06/16/2016	06/16/2016	-2,750	0	0	0	0	0	0	0	0	0	-2,750	0	
	Project Sub-total:			250	0	0	0	0	0	0	0	0	0	250	0	
0	<u>TRN907837 King Liberty Cycling Pedestrian Bridge</u>															
0	3 Cash Flow 2016 to 2018 King Liberty Cycling Pedest	06/03/2015	06/03/2015	2,333	0	0	0	0	0	0	0	0	0	2,333	0	



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Project/Financing Priority Project	Project Name	Start Date	Completion Date	2017	Financing												
				Cash Flow	Provincial Grants Subsidies	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From Current	Other 1	Other 2	Debt	Debt - Recoverable			
0	<u>TRN907837 King Liberty Cycling Pedestrian Bridge</u>																
0	4 2017 to 2018 Change in Scope	06/16/2016	06/16/2016	-1,750	0	0	0	0	0	0	0	0	0	0	-1,750	0	
	Project Sub-total:			583	0	0	0	0	0	0	0	0	0	0	583	0	
0	<u>TRN907838 Legion Road Extension & Grade Separation</u>																
0	2 2017 Recast Capital Budget	06/16/2016	06/16/2016	490	0	0	490	0	0	0	0	0	0	0	0	0	
	Project Sub-total:			490	0	0	490	0	0	0	0	0	0	0	0	0	
0	<u>TRN907839 St Clair TMP:Keele to Old Weston</u>																
0	1 St Clair West/Metrolinx Georgetown 2015 History	01/01/2015	12/31/2018	12,000	0	0	5,400	0	0	0	0	0	0	0	6,600	0	
0	2 St Clair West/Metrolinx Georgetown	01/01/2015	12/31/2018	-12,000	0	0	-5,400	0	0	0	0	0	0	0	-6,600	0	
0	3 St Clair TMP: Keele to Old Weston 2017-2020	06/03/2015	06/03/2015	4,000	0	0	1,800	0	0	0	0	0	0	0	2,200	0	
	Project Sub-total:			4,000	0	0	1,800	0	0	0	0	0	0	0	2,200	0	
0	<u>TRN907840 LARP(Lawrence-Allen Revitalization Project)</u>																
0	4 2015 to 2020 LARP	11/13/2015	11/13/2015	2,247	0	0	0	2,247	0	0	0	0	0	0	0	0	
	Project Sub-total:			2,247	0	0	0	2,247	0	0	0	0	0	0	0	0	
0	<u>TRN907849 Yonge Street/Highway 401 Interchange Improvements</u>																
0	1 Yonge St/HWY 401 Interchange Improve 2015 cashflow	01/01/2015	12/31/2017	11,250	0	0	2,825	0	0	0	0	0	5,625	2,800	0	0	
0	2 Yonge Street/Highway 401 Interchange Improvements	01/01/2015	12/31/2017	-11,250	0	0	-2,825	0	0	0	0	0	-5,625	-2,800	0	0	
	Project Sub-total:			0	0	0	0	0	0	0	0	0	0	0	0	0	
0	<u>TRN907926 Major Road Rehabilitation</u>																
0	2 History 2013 - With 2014 to 2018 Cash Flow	01/01/2013	12/31/2018	760	0	0	0	0	0	0	0	0	0	0	760	0	
0	4 Geotechnical REOI 9173-14-7166 2015-2017	01/01/2015	12/31/2017	1,442	0	0	0	0	0	0	0	0	0	1,442	0	0	
0	6 PW29.3 Tender Call No. 14-2014	01/01/2015	12/31/2017	5,500	0	0	0	0	0	0	0	0	0	5,500	0	0	
0	7 Major Road Rehab 2015 History 2015-2019	06/02/2015	06/02/2015	37,814	0	0	0	22,500	0	0	0	0	0	15,314	0	0	
0	8 2016 History 2017 to 2020	06/14/2016	06/14/2016	12,605	0	0	0	7,500	0	0	0	0	0	5,105	0	0	
	Project Sub-total:			58,121	0	0	0	30,000	0	0	0	0	0	28,121	0	0	
0	<u>TRN907937 Traffic Congestion Management</u>																
0	2 Traffic Congestion Management 2015 History	01/01/2015	12/31/2015	2,500	0	0	0	0	0	0	0	0	0	2,500	0	0	
0	3 2016 & Future Traffic Congestion Management	01/01/2015	12/31/2015	5,000	0	0	0	0	0	0	0	0	0	5,000	0	0	
0	4 2016 History Additional Funding 2016-2020	01/01/2016	12/31/2016	3,000	0	0	0	0	0	0	0	0	0	3,000	0	0	
0	5 Change in Scope Additional Funding 2016-2020	01/01/2016	12/31/2016	-1,200	0	0	0	0	0	0	0	0	0	-1,200	0	0	
0	6 2016 Traffic Congestion History	11/10/2016	11/10/2016	2,107	0	0	0	0	0	0	0	0	0	2,107	0	0	
	Project Sub-total:			11,407	0	0	0	0	0	0	0	0	0	11,407	0	0	



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Project/Financing		Start Date	Completion Date	2017 Cash Flow	Financing										
Priority	Project				Project Name	Provincial Grants Subsidies	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From Current	Other 1	Other 2	Debt	Debt - Recoverable
<u>0</u>	<u>TRN908177</u>	<u>Tactile Domes Installation</u>													
0	1	Tactile Domes Installation 2016-2018	01/01/2016	12/31/2016	1,752	0	0	0	0	0	0	0	0	1,752	0
		Project Sub-total:			1,752	0	0	0	0	0	0	0	0	1,752	0
<u>0</u>	<u>TRN908274</u>	<u>Yonge Street Revitalization</u>													
0	1	Yonge Street Revitalization	01/01/2016	12/31/2016	402	0	0	0	0	0	0	0	0	402	0
		Project Sub-total:			402	0	0	0	0	0	0	0	0	402	0
<u>0</u>	<u>TRN908286</u>	<u>Finch LRT - Transportation Study</u>													
0	1	2016 Finch LRT Study	01/01/2016	12/31/2016	200	0	0	0	0	0	100	0	100	0	0
		Project Sub-total:			200	0	0	0	0	0	100	0	100	0	0
<u>0</u>	<u>TRN908288</u>	<u>F. G. Gardiner(AFP)</u>													
0	1	Program Management	12/10/2015	12/10/2015	39,065	0	0	0	36,932	0	0	0	0	2,133	0
0	7	2017 FG.Gardiner AFP Plan B	11/21/2016	11/21/2016	-17,820	0	0	0	-17,820	0	0	0	0	0	0
		Project Sub-total:			21,245	0	0	0	19,112	0	0	0	0	2,133	0
<u>0</u>	<u>TRN908289</u>	<u>Participatory Budgeting Pilot</u>													
0	1	Brian Village Gateway	01/29/2016	01/29/2016	50	0	0	0	0	50	0	0	0	0	0
0	2	Bicycle Lockers near Don Mills Subway	01/29/2016	01/29/2016	15	0	0	0	0	15	0	0	0	0	0
		Project Sub-total:			65	0	0	0	0	65	0	0	0	0	0
<u>0</u>	<u>TRN908290</u>	<u>N.I Mill Street Streetscape Improvements</u>													
0	1	N.I. Mill Street Streetscape Improvements	02/05/2016	12/31/2016	439	0	0	0	0	0	0	439	0	0	0
		Project Sub-total:			439	0	0	0	0	0	0	439	0	0	0
<u>0</u>	<u>TRN908411</u>	<u>Design Cherry St Realignment and Bridges</u>													
0	1	2017 -Comp 30% Design Cherry St. Realignment & Bri	09/21/2016	09/21/2016	4,200	0	0	0	0	0	0	0	0	4,200	0
		Project Sub-total:			4,200	0	0	0	0	0	0	0	0	4,200	0
<u>0</u>	<u>TRN908430</u>	<u>S.M. The Upper Avenue</u>													
0	1	S.M. The Upper Avenue	11/09/2016	11/09/2016	5	0	0	0	0	0	0	5	0	0	0
		Project Sub-total:			5	0	0	0	0	0	0	5	0	0	0
<u>0</u>	<u>TRN908433</u>	<u>Transit Shelter Property Acquisition</u>													
0	1	2016 Transit Shelter Property Acquisition	11/14/2016	11/14/2016	100	0	0	0	0	100	0	0	0	0	0
		Project Sub-total:			100	0	0	0	0	100	0	0	0	0	0
<u>0</u>	<u>TRN908435</u>	<u>PTIF Projects</u>													
0	1	PTIF Transportation Cycling	11/17/2016	11/17/2016	67,156	0	33,578	0	0	0	0	0	0	33,578	0
0	2	PTIF Transportation Surface Track Ops.	11/17/2016	11/17/2016	4,264	0	2,132	0	0	0	0	0	0	2,132	0

(Phase 2) 06-Transportation Services

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



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Sub-Project Summary

Project/Financing		Start Date	Completion Date	2017 Cash Flow	Financing										
Priority	Project				Project Name	Provincial Grants Subsidies	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From Current	Other 1	Other 2	Debt	Debt - Recoverable
0	<u>TRN908435</u>	<u>PTIF Projects</u>													
0	3	PTIF Transportation Road Safety	11/17/2016	11/17/2016	8,120	0	4,060	0	0	0	0	0	0	4,060	0
		Project Sub-total:			79,540	0	39,770	0	0	0	0	0	0	39,770	0
0	<u>TRN908437</u>	<u>System Enhancements for Road Repair & Permits</u>													
0	1	2017 Cash Flow for System Enhancements	11/23/2016	11/23/2016	580	0	0	0	0	0	0	0	0	580	0
		Project Sub-total:			580	0	0	0	0	0	0	0	0	580	0
1	<u>TRN907323</u>	<u>Six Points Interchange Redevelopment</u>													
0	2	Six Points Interchange Redevelopment 2015 History	01/01/2016	12/31/2019	8,374	0	0	2,660	0	3,874	0	0	0	1,840	0
0	4	Six Points Interchange Redevelopment 2014	01/01/2014	12/31/2014	75	0	0	75	0	0	0	0	0	0	0
0	5	2016 & Future Six Points	06/03/2015	06/03/2015	18,000	0	0	5,040	0	5,000	0	0	0	7,960	0
0	6	16ECS-TI-01SP Fermar Paving Ltd	11/12/2015	11/12/2015	2,502	0	0	672	0	0	0	0	0	1,728	102
0	8	2016 HISTORY SIX POINTS LARF	11/15/2016	11/15/2016	2,800	0	0	0	0	2,800	0	0	0	0	0
		Project Sub-total:			31,751	0	0	8,447	0	11,674	0	0	0	11,528	102
1	<u>TRN907910</u>	<u>F.G. Gardiner</u>													
0	8	Elevated Portion 2015	01/01/2013	12/31/2013	94,000	0	0	0	94,000	0	0	0	0	0	0
0	25	Elevated Portion 2016 Adjustments	12/10/2015	12/10/2015	-80,804	0	0	0	-80,804	0	0	0	0	0	0
		Project Sub-total:			13,196	0	0	0	13,196	0	0	0	0	0	0
1	<u>TRN908142</u>	<u>Major SOGR Pooled Contingency</u>													
0	6	2015 Bridge Lanes Walks Roads 2017 to 2021	06/02/2015	06/02/2015	4,191	0	0	0	0	0	0	0	0	4,191	0
0	16	2017 Recast Capital Budget	10/24/2016	10/24/2016	-391	0	0	0	0	0	0	0	0	-391	0
		Project Sub-total:			3,800	0	0	0	0	0	0	0	0	3,800	0
Program Total:					527,988	0	39,770	30,425	64,555	16,675	2,929	4,777	34,611	324,144	10,102

Status Code	Description
S2	S2 Prior Year (With 2017 and/or Future Year Cashflow)
S3	S3 Prior Year - Change of Scope 2017 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

Reserve / Reserve Fund – Program Specific (\$'000s)

Table 1		Projected Balance as at Dec. 31, 2016 *	Contributions / (Withdrawals)										
Reserve / Reserve Fund Name	Project / SubProject Name		2017 Budget	2018 Plan	2019 Plan	2020 Plan	2021 Plan	2022 Plan	2023 Plan	2024 Plan	2025 Plan	2026 Plan	2017 - 2026 Total
Development Charge Reserve Fund - Roads (XR 2110)	Beginning Balance	39,393	55,068	60,466	52,274	39,525	35,225	56,756	79,521	103,185	130,448		
	Growth Related	(180)	(180)	(180)	(180)	(180)	(180)	(180)	(180)	(180)	(180)	(1,800)	
	Scarlett/St.Clair/Dundas	-	(5,150)	(4,100)	(2,590)	(3,700)	(2,960)	-	-	-	-	-	(18,500)
	Pedestrian Safety and Infrastructure Programs	(80)	(81)	(82)	(84)	(85)	(86)	(87)	(89)	(90)	(91)	(91)	(855)
	Regent Park Revitalization	(689)	(421)	(276)	(132)	(101)	(51)	-	-	-	-	-	(1,670)
	St Clair TMP:Keele to Old Weston	(1,800)	(900)	(5,400)	(5,400)	-	-	-	-	-	-	-	(13,500)
	Legion Road Extension and Grade Separation	(490)	(980)	(14,140)	(13,650)	(13,650)	-	-	-	-	-	-	(42,910)
	Steeles Widening (Tapscott Road - Beare Road)	(440)	(3,520)	(3,520)	(14,960)	(11,440)	-	-	-	-	-	-	(33,880)
	Sidewalks	(747)	(747)	(747)	(747)	(747)	(747)	(747)	(747)	(747)	(747)	(747)	(7,470)
	Port Union Road	(630)	(1,155)	(1,155)	-	-	-	-	-	-	-	-	(2,940)
	Yonge Street/Highway 401 Interchange Improvements	-	-	-	-	-	(250)	(2,688)	(2,687)	-	-	-	(5,625)
	Six Points Interchange	(3,052)	(5,791)	(3,205)	(281)	-	-	-	-	-	-	-	(12,329)
	Cycling Infrastructure	(1,387)	(1,368)	(1,495)	(1,495)	(1,495)	(1,495)	(1,495)	(1,495)	(1,495)	(1,495)	(1,495)	(14,715)
	Signal Modifications	(1,145)	(1,145)	(1,145)	(1,145)	(1,145)	(1,145)	(1,145)	(1,145)	(1,145)	(1,145)	(1,145)	(11,450)
	Engineering Studies	(1,260)	(1,260)	(1,271)	(851)	(851)	(851)	(851)	(851)	(851)	(851)	(851)	(9,748)
	New Traffic Control Signals	(1,090)	(1,090)	(1,090)	(1,090)	(1,090)	(1,090)	(1,090)	(1,090)	(1,090)	(1,090)	(1,090)	(10,900)
	Advanced Traffic Signal Control	(675)	(675)	(675)	(675)	(675)	(675)	(675)	(675)	(450)	(225)	-	(5,400)
	Traffic Control - RESCU	(28)	(28)	(28)	-	-	-	-	-	-	-	-	(84)
	Audible Signals	(253)	(253)	(253)	(253)	(253)	(253)	(253)	(253)	(253)	(253)	(253)	(2,530)
	Total Withdrawals		(13,946)	(24,744)	(38,762)	(43,533)	(35,412)	(9,783)	(9,211)	(8,987)	(6,076)	(5,852)	(196,306)
	Contributions		31,381	31,902	32,330	32,544	32,872	33,074	33,736	34,411	35,099	35,801	333,150
	Withdrawals by Other Programs (i.e. TTC)		(1,760)	(1,760)	(1,760)	(1,760)	(1,760)	(1,760)	(1,760)	(1,760)	(1,760)	(1,760)	(17,600)
	Total Reserve Fund Balance at Year-End		39,393	55,068	60,466	52,274	39,525	35,225	56,756	79,521	103,185	130,448	158,637

* Based on the 9 month 2016 Reserve Fund Variance Report

Table 2		Projected Balance as at Dec. 31, 2016 *	Contributions / (Withdrawals)									
Reserve / Reserve Fund Name	Project / SubProject Name		2017 Budget	2018 Plan	2019 Plan	2020 Plan	2021 Plan	2022 Plan	2023 Plan	2024 Plan	2025 Plan	2026 Plan
Development Charge Reserve Fund - Parks and Recreation (XR 2114)	Beginning Balance	112,538	111,338	111,138	111,138	111,138	111,138	111,138	111,138	111,138	111,138	
	Toronto Bike Plan-CW Expansion (TBP) FY2010-2018	(200)	(200)									(400)
	Mid-Humber Extend Trail Wards 1,2,7 (TBP)	(750)										(750)
	Centennial Pk(E)-Path Dev throughout (TBP) W14,15	(250)										(250)
	Withdrawals (Transportation only)	(1,200)	(200)									
Total Reserve Fund Balance at Year-End (Excluding funding to Parks and Recreation)		112,538	111,338	111,138								

Appendix 6 - continued

Reserve / Reserve Fund Review

Reserve / Reserve Fund Review - Corporate (\$000s)

Table 3		Projected Balance as at Dec. 31, 2016 *	Contributions / (Withdrawals)										
Reserve / Reserve Fund Name	Project / SubProject Name		2017 Budget	2018 Plan	2019 Plan	2020 Plan	2021 Plan	2022 Plan	2023 Plan	2024 Plan	2025 Plan	2026 Plan	2017 - 2026 Total
XR1410 Public Realm Reserve Fund	Beginning Balance		21,610	19,610	17,579	15,519	13,427	11,304	9,149	6,962	4,742	2,489	
	Neighbourhood Improvement Project		(2,000)	(2,031)	(2,060)	(2,092)	(2,123)	(2,155)	(2,187)	(2,220)	(2,253)	(2,287)	(21,408)
	Withdrawals		(2,000)	(2,031)	(2,060)	(2,092)	(2,123)	(2,155)	(2,187)	(2,220)	(2,253)	(2,287)	(21,408)
Total Reserve Fund Balance at Year-End			21,610	19,610	17,579	15,519	13,427	11,304	9,149	6,962	4,742	2,489	202

* Based on the 9 month 2016 Reserve Fund Variance Report

Table 4		Projected Balance as at Dec. 31, 2016 *	Contributions / (Withdrawals)										
Reserve / Reserve Fund Name	Project / SubProject Name		2017 Budget	2018 Plan	2019 Plan	2020 Plan	2021 Plan	2022 Plan	2023 Plan	2024 Plan	2025 Plan	2026 Plan	2017 - 2026 Total
XR1012 Land Acquisition Reserve Fund	Beginning Balance		72,486	72,486	69,186	69,186	69,186	69,186	69,186	69,186	69,186	69,186	
	Six Points Interchange Redevelopment		-	(3,300)	-	-	-	-	-	-	-	-	(3,300)
	Withdrawals		-	(3,300)	-	-	-	-	-	-	-	-	(3,300)
Total Reserve Fund Balance at Year-End			72,486	72,486	69,186								

* Based on the 9 month 2016 Reserve Fund Variance Report

Table 5		Projected Balance as at Dec. 31, 2016 *	Contributions / (Withdrawals)										
Reserve / Reserve Fund Name	Project / SubProject Name		2017 Budget	2018 Plan	2019 Plan	2020 Plan	2021 Plan	2022 Plan	2023 Plan	2024 Plan	2025 Plan	2026 Plan	2017 - 2026 Total
XQ.0011 Capital Financing Reserve	Beginning Balance		304,164	324,700	256,040	147,945	124,067	177,652	234,002	63,927	2,427	46,827	
	Major Road Rehabilitation		(30,000)	(30,000)	(30,000)	(30,000)	(30,000)	(30,000)	(30,000)	(30,000)	(30,000)	(30,000)	(300,000)
	LARP (Lawrence-Allen Revitalization Project)		(1,153)	(940)	(2,086)	(438)	-	-	-	-	-	-	(4,617)
	F.G. Gardiner		(16,226)	(32,370)	(11,570)	(11,550)	(11,550)	(11,550)	(238,800)	(106,500)			(440,116)
	Withdrawals		(47,379)	(63,310)	(43,656)	(41,988)	(41,550)	(41,550)	(268,800)	(136,500)	(30,000)	(30,000)	(744,733)
	Other Withdrawals		(92,465)	(120,350)	(164,439)	(81,890)	(4,865)	(2,100)	(1,275)	-	(600)	(29,000)	(496,984)
	Contributions		160,380	115,000	100,000	100,000	100,000	100,000	100,000	75,000	75,000	75,000	1,000,380
Total Reserve Fund Balance at Year-End			304,164	324,700	256,040	147,945	124,067	177,652	234,002	63,927	2,427	46,827	

* Based on the 9 month 2016 Reserve Fund Variance Report

Contributions will be provided via the capital financing strategy including proceeds from the use of surplus operating funds in accordance with the City's surplus management policy, and additional contributions to transit from the Federal and Provincial government as well as increased Development Charge funding as a result of Council's approval of the new Development Charge By-Law.

Table 6		Projected Balance as at Dec. 31, 2016 *	Contributions / (Withdrawals)										
Reserve / Reserve Fund Name	Project / SubProject Name		2017 Budget	2018 Plan	2019 Plan	2020 Plan	2021 Plan	2022 Plan	2023 Plan	2024 Plan	2025 Plan	2026 Plan	2017 - 2026 Total
XR1407 Light Emitting Diode (LED) Reserve Fund	Beginning Balance		7,494	6,494	5,494	4,494	3,494	2,494	1,494	494	(506)	(1,506)	
	LED Signal Module Conversion		(1,000)	(1,000)	(1,000)	(1,000)	(1,000)	(1,000)	(1,000)	(1,000)	(1,000)	(1,000)	(10,000)
	Withdrawals		(1,000)	(1,000)	(1,000)	(1,000)	(1,000)	(1,000)	(1,000)	(1,000)	(1,000)	(1,000)	(10,000)
Total Reserve Fund Balance at Year-End			7,494	6,494	5,494	4,494	3,494	2,494	1,494	494	(506)	(2,506)	

* Based on the 9 month 2016 Reserve Fund Variance Report