

TO:	CHAIR AND MEMBERS CORPORATE SERVICES COMMITTEE MEETING ON APRIL 11, 2017
FROM:	MARTIN HAYWARD MANAGING DIRECTOR, CORPORATE SERVICES AND CITY TREASURER, CHIEF FINANCIAL OFFICER & ACTING CITY MANAGER
SUBJECT:	2016 LIFE-TO-DATE CAPITAL BUDGET – 2016 YEAR-END CAPITAL MONITORING REPORT

RECOMMENDATION

That on the recommendation of the Managing Director, Corporate Services and City Treasurer, Chief Financial Officer & Acting City Manager, the following actions be taken:

1. The 2016 Life-to-Date Capital Budget – 2016 Year-End Capital Monitoring Report **BE RECEIVED** for information.
2. The active 2014 life-to-date capital budgets (2014 and prior) that have no future budget requests (Appendix B) containing project status updates **BE RECEIVED** for information.
3. The capital projects in **Appendix C** with a total of \$6.2 million of net surplus funding **BE CLOSED** and that the following actions be taken:

Rate Supported

- a. pay-as-you-go funding of \$87,341 **BE TRANSFERRED** to the capital receipts account;
- b. authorized debt financing of \$611,081 **BE RELEASED** resulting in a reduction of authorized, but unissued debt;
- c. uncommitted reserve fund draws of \$2,423,788 **BE RELEASED** from the reserve funds which originally funded the projects;

Non-Rate Supported

- d. authorized debt financing of \$94,147 **BE RELEASED** resulting in a reduction of authorized, but unissued debt;
- e. uncommitted reserve fund draws of \$3,135,334 **BE RELEASED** from the reserve funds which originally funded the projects; and
- f. other net non-rate supported funding sources of -\$165,894 **BE ADJUSTED** in order to facilitate project closings.

PREVIOUS REPORTS PERTINENT TO THIS MATTER
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2016 Life-To-Date Capital Budget – 2016 Mid-Year Capital Monitoring Report (September 20, 2016 meeting of the Corporate Services Committee, Agenda Item # 5)

BACKGROUND

Strong financial management of the capital budget is essential to ensure the budget monitoring processes that are in place demonstrate that Civic Administration is providing Council and the community with appropriate information that can be used to promote accountability and transparency, enhance operational effectiveness and promote citizen confidence. This report will address the life-to-date capital budget, including capital projects recommended to be closed, key financing strategies, and emerging issues that may impact the capital plan.

As part of a comprehensive review of the capital budget report to Council, Civic Administration has expanded the report to include an appendix containing the status of capital projects with budgets greater than three years old that have no future budget requests. This will be the first time Civic Administration has provided Council a project-by-project listing that contains not only budget and related activity, but also project status descriptions in the monitoring report. This will greatly improve transparency and help Council and the community understand the status of specific capital projects that would be targeted as a high likelihood for project closure.

CAPITAL BUDGET MONITORING

2016 LIFE-TO-DATE CAPITAL BUDGET ACTIVITY AND REVISIONS

After Council approves the capital budget, as the year progresses, reports are presented to Council to approve major awards to proceed with capital projects. Each report includes a Source of Financing. Most awards are within the approved capital budget, but some awards require revisions or adjustments to the capital budget, as detailed in the Source of Financing.

Other capital awards can proceed with Administrative approval according to the Procurement of Goods and Services Policy. Details on these approvals are provided in an annual report from the Purchasing and Supply Division according to the Procurement Policy. Budget adjustments may result from the application of assessment growth funding, infrastructure gap funding, and other revenue from insurance and private drain connections.

Table 1 summarizes year-to-date budget adjustments by Tax Supported, Wastewater & Treatment, and Water budgets. Appendix A provides details on the source of these adjustments.

Table 1 – Capital Budget Year-To-Date Revisions (as of December 31, 2016)

\$000's	2016 Life-to-Date Approved Budget (as of Jan 1, 2016) ¹	2016 Budget Adjustments		2016 Life-to-Date Approved Budget (as of Dec 31, 2016)
		Council	Administrative	
Tax Supported	\$813,458	\$22,093	(\$91)	\$835,460
Wastewater	\$465,036	\$1,522	(\$11,840)	\$454,718
Water	\$190,701	\$0	\$0	\$190,701
Total	\$1,469,195	\$23,615	(\$11,931)	\$1,480,879

(1) Amounts exclude projects authorized to be closed by Council during the 2016 Mid-Year Capital Monitoring Report.

(2) Subject to year-end audit and associated adjustments.

For the year 2016, there were 184 discrete contract awards worth \$229.2 million (96 were awarded by Council and 88 were awarded administratively). Table 2 summarizes year-to-date contract awards by Tax Supported, Wastewater & Treatment, and Water. Appendix A provides details on all Council awards.












Table 2 - Contract Awards 2016 Year-to-Date

\$000's	Council Approved Contract Awards		Administration Approved Contract Awards		Total Awards	
	\$ amount	Number	\$ amount	Number	\$ amount	Number
Tax Supported	\$117,798		\$24,476		\$142,274	
Wastewater	\$36,167		\$17,607		\$53,774	
Water	\$23,085		\$10,089		\$33,174	
Total	\$177,050	96	\$52,172	88	\$229,222	184

2016 LIFE-TO-DATE CAPITAL BUDGET STATUS

A summary of the 2016 life-to-date capital budget, including the amount that is committed and the amount that is uncommitted is summarized in Table 3. This information is essential for budget monitoring to ensure that spending is being managed within the approved budget. After a review of all active capital projects (excluding projects recommended to be closed as identified in Appendix C), it has been determined that there are no projects projected to be over budget by more than \$50,000 upon project completion.

Table 3 - 2016 Approved Life-To-Date Capital & Activity

Category	2016 Life-to-Date (as of December 31, 2016) (\$ millions)			Committed 
	Approved Budget	Actuals & Commitments (Purchase Orders)	Uncommitted To-Date	Uncommitted 
TAX SUPPORTED				
Lifecycle Renewal	292.9	232.0	60.9	
Growth	329.0	201.7	127.3	
Service Improvement	213.6	190.8	22.8	
TOTAL TAX SUPPORTED	835.5	624.5	211.0	
WASTEWATER				
Lifecycle Renewal	127.1	109.5	17.6	
Growth	228.7	138.0	90.7	
Service Improvement	98.9	83.2	15.7	
TOTAL WASTEWATER	454.7	330.7	124.0	
WATER				
Lifecycle Renewal	110.0	86.8	23.2	
Growth	72.0	61.3	10.7	
Service Improvement	8.7	4.7	4.0	
TOTAL WATER	190.7	152.8	37.9	
GRAND TOTAL	1,480.9	1,108.0	372.9	
% of Total		74.8%	25.2%	

General Notes:

- (1) Totals are for active projects only. Projects approved to be closed during the course of the year are deducted from this table.
- (2) Once a capital project has an approved budget, spending or commitments may not be made for several years, for example the Multi-purpose Recreation Centres.
- (3) Subject to year-end audit and associated adjustments.

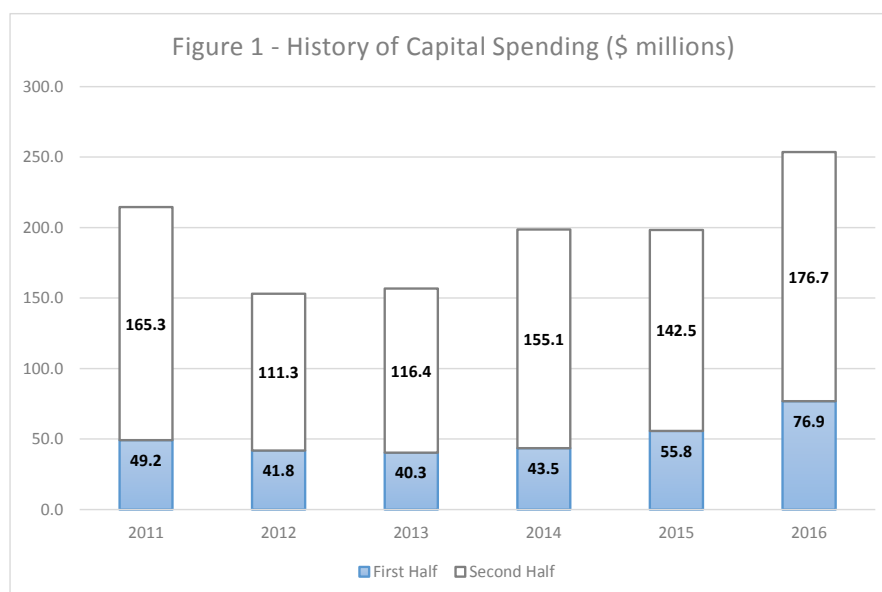
Appendix B contains a status update for active 2014 life-to-date capital budgets (2014 and prior) that have no future budget requirements/ activity. Appendix B provides the status of specific active capital projects that would be targeted as a high likelihood for project closure, it being noted that projects recommended to be closed are contained in Appendix C.

CAPITAL CASH FLOW

Capital Cash Flow

Capital spending in a given year is not the same as the capital budget for that year. Spending on capital projects can extend several years after the budget is approved by Council. Spending within a given year is therefore a layering of several capital projects approved in various years and at various stages.

In any given year, total capital spending tends to be greater during the latter part of the year as construction invoices are received, approved and paid. At the end of the year for 2016, the total **capital spending** was **\$253.6 million** compared to \$198.3 million in 2015 (subject to year-end audit and adjustments). Spending in 2016 was greater than spending in 2015 primarily due



to major construction done to the Greenway Pollution Control Plant, significant road widening projects (Fanshawe Road East and Sarnia Road), and construction of the South West Multi-Purpose Recreational Facility. These amounts exclude capital spending by the Joint Water Boards.

This information is important for the timing of debt issuances, reserve fund draws and cash flow investment decisions.

COMPLETED (CLOSED) CAPITAL PROJECTS

Administration continues to undertake and intensify a review to close old outstanding projects. This report closes 110 projects with a total budget value of \$149.9 million. The completed projects that are being recommended to be closed were under budget by \$6.2 million in total. It should be noted that 114 capital projects with a total budget of \$210.2 million and surplus of \$7.4 million was approved to be closed by Council during the 2016 Mid-Year Capital Monitoring Report, thereby identifying \$13.6 million in capital financing to be released in 2016.

The impact of closing the recommended completed projects for the year-end report is summarized in Table 4. For a detailed listing of each closed capital project refer to Appendix C.

Table 4 – Net Impact of Completed Capital Projects - Surplus/(Deficit)

Entity	\$000's						Total
	Tax/Rate Supported			Non-Rate Supported			
	Capital Levy	Debt	Reserve Funds	Reserve Funds ¹	Debt ¹	Other ²	
Tax Supported	87	611	1,539	2,130		(166)	4,201
Wastewater			206	784	94		1,084
Water			679	221			900
TOTAL	87	611	2,424	3,135	94	(166)	6,185

(1) Non-rate supported reserve funds / debt primarily supported by Development Charges.

(2) Represents non-City funding sources such as Provincial Gas tax administered by the London Transit Commission and proceeds from external contributors.

The capital closing exercise released uncommitted reserve fund draws of \$5.6 million to the reserve funds outlined in Table 5.

Table 5 - Reserve Funds Impacted by Recommended Account Closing

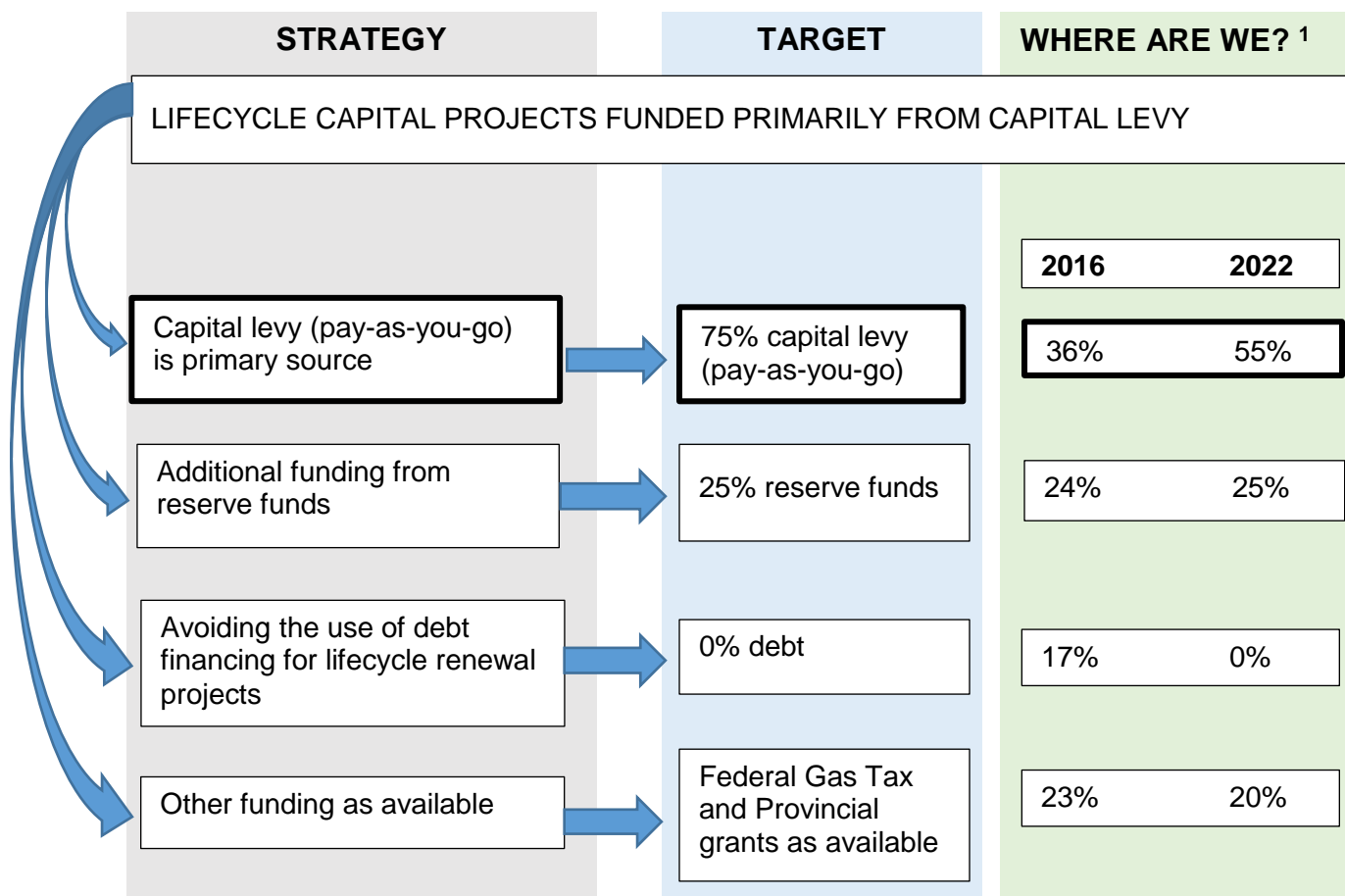
\$000's			
Tax/Rate Supported		Non-Rate Supported	
Convention Facilities	0.4	Covent Garden Reserve	(0.1)
Vehicle & Equipment - Fire	187.4	Parkland	(1.6)
Vehicle & Equipment - Police	0.1	CSRF - Roads	2,089.1
Vehicle & Equipment	36.0	CSRF - Growth Studies	41.9
Misc Property Acquisition	(12.3)	CSRF - Parks & Rec	0.3
EEE Reserve	1,069.0	Storm Water Management	784.4
Economic Development	258.6	Water	221.4
Sewage Works	205.4		
New Capital Water	679.2		
Subtotal Tax/Rate Supported	2,423.8	Subtotal City Services	3,135.4
Total All Reserves & Reserve Funds			5,559.2

NOTE: The Federal Gas Tax Reserve Fund, Golf Course Operations Reserve Fund, Dearness Home Capital Reserve Fund, Energy Management Reserve Fund, and Sump Pump/Sewage Ejector and Storm PDC Grant Program Reserve Fund all have adjustments of less than \$1 dollar.

CAPITAL BUDGET FINANCING STRATEGIES

CAPITAL LEVY

The overarching capital financing strategy for capital levy, also referred to as pay-as-you-go financing, is to first apply this funding source to Lifecycle Renewal capital budgets since the projects in this classification are to maintain existing infrastructure. Administrative targets have been established, consistent with the overarching strategy, as follows:



(1) Since the 75% target for capital levy was established, consistent Federal Gas Tax funding and better reserve fund management allowed movement towards 0% debt financing with less capital levy.

RESERVE FUNDS

Reserve funds are used as a source of financing for Lifecycle Renewal and Service Improvement projects where appropriate reserve funds exist. Growth projects utilize Development Charges (City Services) reserve funds.

Reserve funds are categorized as follows:

OBLIGATORY

- 1) **City Services** (Development Charges (DC) – dictated by the DC by-law
- 2) **Parkland** – cash-in-lieu of parkland dedication through the Parkland Conveyance and Levy By-law (CP-9) according to the Planning Act (Section 51.1)

CITY OWNED

- 1) **Capital Asset Renewal and Replacement** – to support renewal and replacement of existing assets
- 2) **Capital Asset Growth** - to support Development Charges incentive programs and Industrial Land Development Strategy
- 3) **Specific Projects and New Initiatives** - to support specific planned projects (e.g. economic development, affordable housing, community improvement grants and loans)
- 4) **Contingencies/Stabilization and Risk Management** - to provide contingency funding for specific risk areas

Obligatory reserve funds are controlled by municipal by-laws. Different strategies are employed for each of the City owned categories. A policy including a more comprehensive strategy for each category is currently under development.

Much of the recent focus has been on the Capital Asset Renewal and Replacement category; funds that address the infrastructure gap. In 2013, the Corporate Asset Management (CAM) division identified an infrastructure gap of \$52.1 million with the infrastructure gap to grow to \$466.1 million in 10 years.

In December 2015, CAM noted improvements to the infrastructure gap in Transportation and Information Technology. The projected future gap in Transportation decreased 21% and in Information Technology, the future gap was eliminated.

In order to help mitigate growth in the infrastructure gap, Council approved a strategic investment business case (#7) that contributes \$6.75 million to the Capital Infrastructure Gap Reserve Fund over the 2016-2019 multi-year budget period. Furthermore, on an annual basis additional funding may be contributed based on the Council approved Surplus/Deficit Policy and Assessment Growth Policy.

DEBT

The City's debt management policy was approved by Council on August 30, 2016. The policy establishes strategies for the management of the City's debt program. These strategies are outlined below.

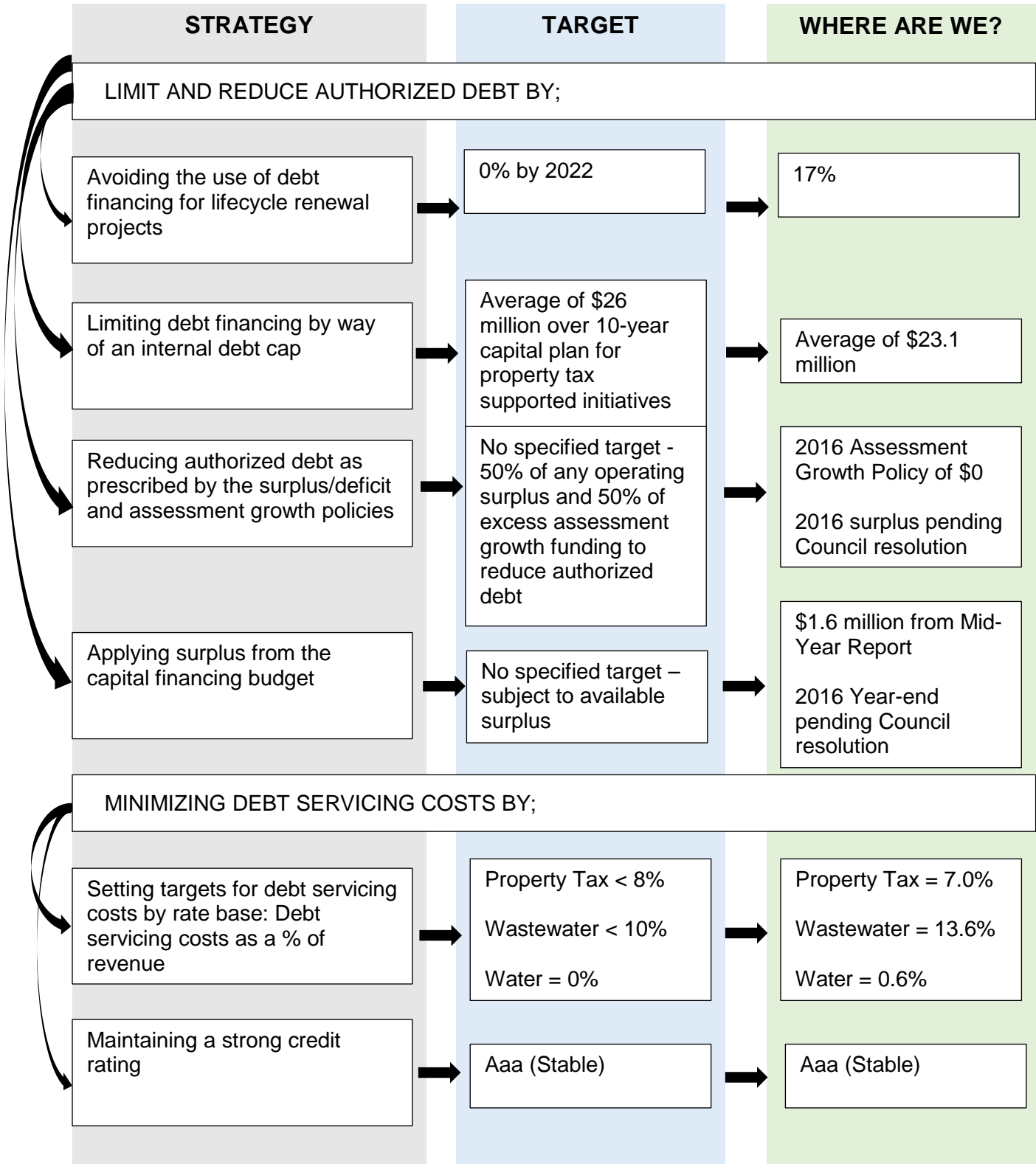


Table 5 - Debt Level for 2016 (\$ millions)

	Dec 31, 2015	Issued in 2016	Retired in 2016	Dec 31, 2016 (A)	Authorized 2016	Total Potential
General Property Taxes	184.4	15.7	29.2	170.9	93.7	264.6
Wastewater	70.4	-	8.5	61.9	14.9	76.8
Water	2.1	-	0.3	1.8	0.3	2.1
Rate Supported Reserve Funds	26.9	-	4.0	22.9	8.7	31.6
Subtotal	283.8	15.7	42.0	257.5	117.6	375.1
Joint Water Boards - City's Share	14.8	3.9	1.8	16.9	11.2	28.1
City Services Reserve Funds	35.4	7.3	4.7	38.0	120.1	158.1
Total	334.0	26.9	48.5	312.4	248.9	561.3

Note A: Outstanding debt level is subject to completion of 2016 financial statement audit.

EMERGING ISSUES

The list below provides information on emerging issues that may impact the capital budget in 2017 and beyond.

Emerging Issue	Likelihood Of Emerging Issue Impacting 2017-2019 Budget ⁽¹⁾										
<p>Rapid Transit - The 2016 – 2019 Multi-Year Budget and ten year capital plan included a number of projects that together fund a Rapid Transit initiative of approximately \$380 million. The plan was contingent on 2/3 funding from senior governments. The combined municipal contribution of \$130 million is fixed with most coming from development charges.</p> <table style="margin-left: 40px;"> <tr> <td>Approved Capital Plan</td> <td style="text-align: right;">(\$ millions)</td> </tr> <tr> <td>Tax Supported</td> <td style="text-align: right;">\$ 12</td> </tr> <tr> <td>Development Charges</td> <td style="text-align: right;">\$118</td> </tr> <tr> <td><u>Senior Government Funding</u></td> <td style="text-align: right;"><u>\$250</u></td> </tr> <tr> <td>Total</td> <td style="text-align: right;">\$380</td> </tr> </table> <p>In May 2016, Council approved the Full Bus Rapid Transit (BRT) Network Alternative. Additional engineering work has since been completed. The business case was reviewed by the senior levels of government and additional contingencies have been included. The revised total cost is \$560 million. The City is seeking senior government funding of \$430 million, the total cost less the City's commitment of \$130 million. The capital budget will be updated when the senior government funding is secured.</p> <p>New provincial legislation on development charges may change the growth/non-growth split on the municipal contribution based on the new scale of the project and the service standard (ridership), but the impact is unknown at this time. The consultants review of this is projected to be complete by the end of 2017.</p>	Approved Capital Plan	(\$ millions)	Tax Supported	\$ 12	Development Charges	\$118	<u>Senior Government Funding</u>	<u>\$250</u>	Total	\$380	High
Approved Capital Plan	(\$ millions)										
Tax Supported	\$ 12										
Development Charges	\$118										
<u>Senior Government Funding</u>	<u>\$250</u>										
Total	\$380										
<p>GMIS Revisions – The 2018 GMIS process is currently underway. The process is generally designed to review the availability of serviced land, consult with individual members of the development industry on their plans for development, and assess the ability of the DC reserve funds to accommodate changes in the timing of infrastructure construction and financing. Recommendations related to changes, if any, arising from this process, are expected to be tabled in May, 2017.</p>	High										
<p>Infrastructure Funding – As identified in the Federal Budget 2016, the Government of Canada announced an infrastructure plan that included \$60 billion of new funding over 10 years for Green Infrastructure, Social Infrastructure, Clean Water and Wastewater Fund, and Public Transit Infrastructure. As agreements between the Federal Government and the Provinces and Territories are signed, outlining budgetary allocations and program parameters, the City's 10 year capital plan may be adjusted to</p>	High										

leverage funding (possibly advancing initiatives that were originally budgeted in future years).	
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(1) Definition of Likelihood:

High – the likelihood of the issue impacting the 2017-2019 period is predicted to be greater than 60%.

Medium – the likelihood of issue impacting the 2017-2019 period is predicted to be between 30% to 60%.

Low – the likelihood of the issue impacting the 2017-2019 period is predicted to be less than 30%.

CONCLUSION

The 2016 year-end capital monitoring report provides an update on the following areas:

- A. The 2016 life-to-date capital budget:
 1. \$1,108.0 million (75%) of the \$1,480.9 million 2016 life-to-date capital budget is committed, leaving \$372.9 million (25%) of approved capital funding uncommitted.
 2. A status update for active 2014 life-to-date capital budgets (2014 and prior) that have no future budget requests is disclosed in Appendix B.
 3. Capital spending of \$253.6 million has been incurred in 2016 (\$198.3 million in 2015). Spending in 2016 was greater than spending in 2015 primarily due to major construction done to various capital projects, such as the Greenway Pollution Control Plant, significant road widening projects, and the South West Multi-Purpose Recreational Facility.
 4. A total of 110 completed capital projects with a total budget value of \$149.9 million and surplus of \$6.2 million are recommended to be closed (Appendix C), noting that 114 capital projects with a total budget of \$210.2 million and surplus of \$7.4 million was approved to be closed by Council during the 2016 Mid-Year Capital Monitoring Report, thereby identifying \$13.6 million in capital financing to be released in 2016.
- B. Emerging issues were identified that may impact the capital budget in 2017 and beyond. The most prominent issue is the rapid transit project that is currently included in the budget at \$380 million, with a fixed municipal contribution of \$130 million. In May 2016, Council approved the Full Bus Rapid Transit (BRT) Network Alternative. The revised total cost is \$560 million. The capital budget will be updated once senior government funding is secured.

Prepared By:	Reviewed By:
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Concurred By:	Recommended By:
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Cc: Anna Lisa Barbon - Director, Financial Services
 Ian Collins - Financial Business Administrator
 Kyle Murray - Financial Business Administrator

Appendix A – Capital Budget Activity (year to date December 31, 2016)

SOF #	Date of Council Award	Service	Project	Awarded Amount	Budget Adjustments Required
Council Awards					
16001	22-Jan	Transportation Services	Sarnia Road Improvements - Wonderland to Sleighthome	9,168,368	
16001	22-Jan	Wastewater	Sarnia Road Improvements - Wonderland to Sleighthome	16,838	
16001	22-Jan	Water	Sarnia Road Improvements - Wonderland to Sleighthome	580,363	
16004	26-Feb	Transportation Services	Fanshawe Park Rd Improvements - Adelaide to McLean	11,583,221	
16004	26-Feb	Water	Fanshawe Park Rd Improvements - Adelaide to McLean	1,538,400	
16004	26-Feb	Wastewater	Fanshawe Park Rd Improvements - Adelaide to McLean	425,749	
16004	26-Feb	Parks, Rec & Neigh. Serv.	Fanshawe Park Rd Improvements - Adelaide to McLean	101,760	
16005	22-Jan	Environmental Services	Landfill Site Property Acquisition	914,551	847,462
16008	5-Feb	Protective Services	Self Contained Breathing Apparatus	1,836,072	
16011	26-Feb	Transportation Services	Pavement Management System	377,282	
16012	26-Feb	Wastewater	Subsurface Utility Engineering - York and King Streets	174,740	
16017	11-Feb	Water	Claimable Works - Bostwick Rd	715,041	
16017	22-Feb	Wastewater	Claimable Works - Bostwick Rd	5,546	
16018	26-Feb	Transportation Services	Bostwick Rd EA-Wharncliffe Rd W to Pack Rd	258,561	
16019	18-Feb	Transportation Services	Claimable works for 3313-3405 Wonderland Rd S	927,543	
16023	26-Feb	Wastewater	Pollution Prevention & Control Plan; Infoworks Modelling Consultant	584,012	
16025	26-Feb	Environmental Services	Landfill Site Property Acquisition	10,661,664	775,896
16026	26-Feb	Wastewater	Infrastructure LCR Renewal-Florence St and Kellogg Lane Reconst.	4,348,080	20,000
16026	26-Feb	Water	Infrastructure LCR Renewal-Florence St and Kellogg Lane Reconst.	1,278,114	
16026	26-Feb	Transportation Services	Infrastructure LCR Renewal-Florence St and Kellogg Lane Reconst.	758,535	
16027	26-Feb	Wastewater	Infrastructure LCR Renewal-Victoria Street	3,111,381	36,000
16027	26-Feb	Water	Infrastructure LCR Renewal-Victoria Street	1,626,599	
16027	26-Feb	Transportation Services	Infrastructure LCR Renewal-Victoria Street	176,077	
16028	18-Mar	Transportation Services	Veterans Memorial Parkway Resurfacing	6,358,808	
16029	18-Mar	Wastewater	Monitoring of Stormwater Management Facilities	105,527	
16031	18-Mar	Wastewater	Infrastructure LCR-Landor Street	2,115,307	8,000
16031	18-Mar	Water	Infrastructure LCR-Landor Street	940,607	
16031	18-Mar	Transportation Services	Infrastructure LCR-Landor Street	234,438	
16032	18-Mar	Wastewater	Infrastructure LCR-South, Waterloo and Hill Street Reconstruction	3,151,036	342,122
16032	18-Mar	Water	Infrastructure LCR-South, Waterloo and Hill Street Reconstruction	1,184,896	
16032	18-Mar	Transportation Services	Infrastructure LCR-South, Waterloo and Hill Street Reconstruction	425,669	
16033	18-Mar	Wastewater	Property Purchase-SWM Facility Hyde Park No. 6	660,539	
16034	18-Mar	Parks, Rec & Neigh. Serv.	Springbank Park Playground Upgrade sponsored by Jenny Jones	264,492	
16035	1-Apr	Transportation Services	Arterial Road Rehab-Contract No. 1	5,960,084	8,492
16038	18-Mar	Parks, Rec & Neigh. Serv.	Special Provisions-Bierens/Westfield Subdivision	40,995	
16038	18-Mar	Wastewater	Special Provisions-Bierens/Westfield Subdivision	2,137	
16039	18-Mar	Wastewater	Maintenance on Dingman Creek Municipal Drain	142,464	
16040	1-Apr	Wastewater	Campbell Street Improvements (GMS)	3,090,030	20,000
16040	1-Apr	Water	Campbell Street Improvements (GMS)	445,306	
16041	1-Apr	Wastewater	Infrastructure LCR-McCormick Area Reconstruction	2,814,606	32,000
16041	1-Apr	Water	Infrastructure LCR-McCormick Area Reconstruction	606,065	
16044	1-Apr	Transportation Services	Replacement of Curbs & Gutter and Hot Mix Asphalt	4,874,091	
16045	15-Apr	Wastewater	Contract Administration Services-Ridgewood Cr, Bond, Raywood	209,291	
16045	15-Apr	Water	Contract Administration Services-Ridgewood Cr, Bond, Raywood	209,289	
16045	15-Apr	Transportation Services	Contract Administration Services-Ridgewood Cr, Bond, Raywood	16,627	
16046	1-Apr	Wastewater	Subdivision Special Provisions-West Coronation Developments Inc	12,236	
16046	1-Apr	Water	Subdivision Special Provisions-West Coronation Developments Inc	5,147	
16047	1-Apr	Transportation Services	Appoint consulting engineer for Windermere Road Bridge Rehab	161,452	
16055	1-Apr	Wastewater	Purchase of Skalar Continuous Flow Analyser-Greenway Lab	79,752	
16057	22-Apr	Protective Services	Fire Station Alerting Radio Lifecycle Replacement	153,867	
16060	8-Apr	Parks, Rec & Neigh. Serv.	CIP 150 - Improve Trail at Westminster Ponds	297,000	98,901
16061	8-Apr	Corp., Oper. & Council Serv.	CIP 150 - Renovation at Pavilion in Harris Park	990,000	990,000
16062	8-Apr	Culture Services	CIP 150 - Repair of Cenotaph	475,200	475,200
16064	15-Apr	Transportation Services	Consulting Engineer for Blackfriars Bridge Rehabilitation	597,627	
16070	27-May	Corp., Oper. & Council Serv.	Core Area Servicing Studies	673,899	673,899
16073	27-May	Water	Wickerson Pumping station upgrade	81,408	
16075	13-May	Water	Southeast Pumping Station and Reservoir	715,548	
16076	25-May	Corp., Oper. & Council Serv.	Corporate Asset Management System Acquisition	386,993	
16077	13-May	Wastewater	Contract Administration Services-William, Wellington, Ashland	265,283	
16077	13-May	Water	Contract Administration Services-William, Wellington, Ashland	319,430	
16078	29-Apr	Transportation Services	Property Acquisition-Western Rd Widening	243,266	

SOF #	Date of Council Award	Service	Project	Awarded Amount	Budget Adjustments Required
16083	2-May	Corp., Oper. & Council Serv.	Purchase of Rotary Mowers	281,513	
16084	27-May	Water	Inspect Trunk Concrete Pressure Pipes-Sunningdale & Byron	723,800	
16086	13-May	Water	Claimable Works - 905 Sarnia Inc	17,706	
16088	27-May	Water	Elgin Middlesex Pumping Station Upgrades	243,895	
16089	13-May	Wastewater	Hyde Park Community Stormwater Servicing EA	201,732	
16090	13-May	Water	Watermain Cleaning & Relining Renewal	5,836,299	
16091	13-May	Protective Services	Upgrade Computer Aided Dispatch System	147,901	
16092	13-May	Environmental Services	Long Term Solid Waste Resource Recovery & Disposal Plans	576,979	
16093	27-May	Water	Computerized Mtc Management System Acquisition	79,882	
16093	27-May	Wastewater	Computerized Mtc Management System Acquisition	79,882	
16094	27-May	Wastewater	Engineering Services for Class EA Design for East Park PS	125,055	
16095	27-May	Wastewater	Appoint Consulting Engineers for Infrastructure Renewal 2017-2018	2,367,946	
16095	27-May	Water	Appoint Consulting Engineers for Infrastructure Renewal 2017-2018	1,178,404	
16095	27-May	Transportation Services	Appoint Consulting Engineers for Infrastructure Renewal 2017-2018	607,458	
16097	27-May	Wastewater	Single Source Award - SCADA System Reporting Software	193,746	
16098	10-Jun	Wastewater	Claimable Works - 1030 Coronation Drive	54,950	
16102	7-Jun	Parks, Rec & Neigh. Serv.	Construction of SW Community Centre, YMCA and Library (1)	43,860,500	13,776,813
16103	10-Jun	Corp., Oper. & Council Serv.	Demolition of 280 York Street and 340 Wellington	425,000	425,000
16104	30-Jun	Wastewater	Claimable Works - West Five Subdivision	5,387	
16105	30-Jun	Water	Uplands Pumping Station Upgrades	10,176	
16106	10-Jun	Transportation Services	Extension of Stoney Creek Sanitary Sewer	1,941,116	
16106	10-Jun	Wastewater	Extension of Stoney Creek Sanitary Sewer	318,526	
16108	10-Jun	Transportation Services	Property Acquisition-Western Rd Widening	474,992	
16115	30-Jun	Transportation Services	Southdale Road EA	232,884	
16116	30-Jun	Economic Prosperity	Appoint consulting engineer for Forest City Industrial Park	402,552	
16117	8-Jul	Corp., Oper. & Council Serv.	Security Information & Event Mgmt. System Replacement	160,030	
16119	8-Jul	Wastewater	Detailed Design - Fox Hollow SWM Facility #3	147,170	
16121	8-Jul	Transportation Services	Transportation Network Forecast Model Update	385,262	
16123	11-Jul	Social & Health Services	City Plaza Office Space Lease - OW Decentralization	850,000	
16125	7-Oct	Parks, Rec & Neigh. Serv.	Stronach Arena Dehumidification Replacement	149,690	
16128	15-Jul	Planning & Development Serv.	Smart City Strategy	127,200	
16131	5-Aug	Wastewater	Detailed Design and Construction Admin - Applegate SWMF	118,561	
16132	29-Jul	Wastewater	Water and Erosion Control Infrastructure Program - UTRCA	2,209,718	
16133	29-Jul	Wastewater	Purchase of Turbo Blowers for Greenway WW & Treatment Plant	2,279,424	900,000
16135	28-Jul	Wastewater	Hyde Park Pumping Station - Electrical & Pump Upgrades	349,311	163,388
16138	5-Aug	Protective Services	Fire Station No. 11 Relocation	2,106,729	156,092
16138	5-Aug	Wastewater	Fire Station No. 11 Relocation	24,125	
16140	12-Aug	Transportation Services	Rapid Transit EA Study	1,657,249	
16143	26-Aug	Water	Subdivision Special Provisions - Foxwood Crossing Phase 3	3,358	
16147	26-Aug	Water	Supply & Delivery of Water Meters & ERT's	4,689,100	
16149	23-Sep	Parks, Rec & Neigh. Serv.	Invasive Species Management	272,997	
16150	26-Aug	Wastewater	Storm Water Management Hyde Park 1B1 - Claimable Works	13,391	
16155	23-Sep	Transportation Services	Wonderland Rd. South Improvements	231,677	
16156	26-Sep	Culture Services	South Street Campus Decommissioning - Salvage Heritage Artifacts	200,000	100,000
16157	23-Sep	Wastewater	Mud Creek Municipal Class Environmental Assessment Study	152,640	
16159	23-Sep	Economic Prosperity	Master Servicing Study for the Huron Industrial Area	89,319	
16165	7-Oct	Protective Services	City of London Cat Adoption Centre	274,000	169,160
16167	7-Oct	Social & Health Services	Social Infrastructure Fund 2016 - Affordable Housing Program	2,014,205	
16169	21-Oct	Transportation Services	Victoria Bridge Environmental Assessment	396,253	
16170	21-Oct	Wastewater	Clean Water and Wastewater Fund Projects Consulting	682,385	
16175	11-Nov	Water	Wickerson Pumping Station Upgrade	35,616	
16177	11-Nov	Wastewater	Contract Admin. - Fox Hollow Storm Water Management Facility # 3	384,990	
16181	18-Nov	Transportation Services	Complete Streets Design Manual	120,183	
16184	2-Dec	Parks, Rec & Neigh. Serv.	Thames Valley Parkway - Claimable Works	39,757	
16185	18-Nov	Wastewater	Detailed Design - First Phase of York St. Sewer Separation	300,487	
16186	18-Nov	Wastewater	City Centre Servicing Strategy - Engineering Services	251,031	
16187	18-Nov	Transportation Services	Riverbend South Subdivision Agreement	160,504	
16187	18-Nov	Water	Riverbend South Subdivision Agreement	20,203	
16187	18-Nov	Wastewater	Riverbend South Subdivision Agreement	35,238	
16187	18-Nov	Parks, Rec & Neigh. Serv.	Riverbend South Subdivision Agreement	444,691	
16188	18-Nov	Wastewater	Clean Water and Wastewater Fund Projects	2,556,419	
16189	18-Nov	Wastewater	Tributary C Stormwater Mgmt. Facility A - Land Acquisition	874,360	
16190	18-Nov	Wastewater	Tributary C Stormwater Mgmt. Facility F & G - Land Claim	1,126,252	
16193	2-Dec	Corp., Oper. & Council Serv.	Service London - Microsoft Dynamics CRM Implementation Partner	249,328	
Subtotal Council Awards				\$177,050,043	\$20,018,425
Council Approved Budget Adjustments					
		Property Tax	Infrastructure Gap Funding		\$665,800
		Property Tax	Assessment Growth Funding		\$2,930,750
Subtotal Council Awards & Budget Adjustments				\$177,050,043	\$23,614,975

	Awarded Amount	Budget Adjustments Required
Council Awards and Associated Budget Adjustments		
Property Tax Budget	117,798,111	22,093,465
Wastewater Budget	36,167,280	1,521,510
Water Budget	23,084,652	0
Subtotal Council Awards	\$177,050,043	\$23,614,975
Administrative Awards and Associated Budget Adjustments ⁽³⁾		
Property Tax Budget	24,476,032	(91,402)
Wastewater Budget	17,606,632	(11,839,562)
Water Budget	10,089,259	0
Subtotal Administrative Awards	\$52,171,923	(11,930,964)
Total Council and Administrative Awards by Category		
Property Tax Budget	142,274,143	22,002,063
Wastewater Budget	53,773,912	(10,318,052)
Water Budget	33,173,911	0
Total	\$229,221,966	\$11,684,011

- Notes:** (1) The Council award for the Southwest Community Centre included a budget adjustment for the financial contribution from the YMCA (\$9.2 million) and the Library (\$4.6 million).
- (2) YTD December 31, 2016, there were 184 discrete source of financing awards, 96 awarded by Council and 88 awarded by Civic Administration.
- (3) Civic Administration source of financing awards are in accordance with the Procurement of Goods & Services Policy and are reported annually through that process. Budget adjustments include additional revenue from private drain connections and insurance, offset by a reduction in Wastewater through project monitoring.

Appendix B – Summary of Capital Projects With Budgets Greater Than Three Years Old That Have No Future Budget Requests

Project	Classification	Service Area	2014 LTD Budget Approved	Committed	Uncommitted	Expected Completion Date	Explanation
TAX SUPPORTED							
GG1841-14 2014 MUSEUM LONDON REPAIRS	Life Cycle Renewal	Museum London	340,000	340,482	(482)	Q4 2018	Additional Building Automation installation of software
PP4314-14 2014 REPLACE POLICE VEHICLES	Life Cycle Renewal	London Police Services	540,000	630,246	(90,246)	Q2 2017	Continual replacement of police vehicles. The project is not over budget. There is a source of revenue (Self-Insurance RF) offsetting what appears to be a deficit.
PP4325 911 COMMUNICATIONS UPGRADES	Life Cycle Renewal	London Police Services	612,000	381,081	230,919	Q4 2018	External NG911 (Next Generation 911) infrastructure needs and radio infrastructure updates are affecting completion timelines. Anticipate spending the remaining uncommitted amount for the required upgrades.
PP4444-14 2014 HEADQUARTERS BLDG REPAIRS	Life Cycle Renewal	London Police Services	475,000	442,767	32,233	Q3 2017	Continual building renovations (eg. major renovations, chiller, HVAC Units, flooring, roofs, retrofits of washrooms, etc.). Remaining balance to be spent in 2017.
PD1146 DEVELOPMENT MANAGEMENT	Life Cycle Renewal	Development & Compliance	180,000	6,156	173,844	Q4 2019	Due to the delay of the AMANDA upgrade, mobile solutions for inspection staff and other projects were delayed but have since been approved and prioritized by the ITS Steering Committee. Money should start to be used in 2017. Projects considered in 2017 are folders for backflow prevention program, tree permit, heritage redesign, building and e-permit, business licensing, taxi and subdivision
ME2012-01 2012 V&E REPLACEMENT - TCA	Life Cycle Renewal	Environment & Engineering	6,147,263	5,541,776	605,487	Q4 2017	Project to remain open - Delay is attributed to waiting for service area instructions. Remaining assets include two Aerial Forestry Units currently in build stage, Forestry Chipper Truck, Compact Car, Wastewater Treatment Service Truck, Parks Topdresser Unit, and Mobile Fuel Tank with Pump. Expected to be completed by Q4 2017.
ME2014-02 2014 V&E REPL - NON - TCA	Life Cycle Renewal	Environment & Engineering	130,142	39,904	90,238	Q1 2017	This project will be complete as indicated in the first quarter of 2017. One unit for Golf (Lawn Edger approx. \$800) awaiting operational decision. Project is expected to have a surplus of close to \$90K. Surpluses due to asset reductions, under budget purchases and changes of budget allocation between the 2014 Non-TCA and TCA programs.
SW6025-13 WASTE DIVERSION-ANCILLARY	Life Cycle Renewal	Environment & Engineering	60,000	23,200	36,800	Q2 2017	This is a bi-annual program that provides funds for the works required to stay in compliance with Environmental Compliance Approvals, meet regulatory requirements and/or ensure residents have access to cost effective waste diversion facilities.

Project	Classification	Service Area	2014 LTD Budget Approved	Committed	Uncommitted	Expected Completion Date	Explanation
SW6025-14 2014 WASTE DIVERSION	Life Cycle Renewal	Environment & Engineering	50,000	-	50,000	Q4 2018	This is a bi-annual program that provides funds to install/replace waste diversion infrastructure at EnviroDepots, Household Hazard Waste Depots, however equipment and infrastructure may last longer than anticipated. Program is required to ensure continued regulatory compliance and that residents have access to cost effective waste diversion facilities. Approx. \$100K has been earmarked for projects that have been delayed due to resources.
TS1165-14 2014 WARRANTED SIDEWALKS	Life Cycle Renewal	Environment & Engineering	230,000	227,268	2,732	Q3 2017	Construction is complete and awaiting the End of Warranty inspections. A small surplus is remaining due to favourable tendering and management of the construction phase.
TS1214 GORE ROAD BRIDGE	Life Cycle Renewal	Environment & Engineering	4,222,034	4,255,517	(33,483)	Q2 2017	Some issues are being completed as part of the warranty review.
GG1555-14 2014 CITY HALL MAJOR UPGRADES	Life Cycle Renewal	Finance & Corporate	1,661,061	1,104,443	556,618	Q4 2019	This program is currently comprised of 4 projects many of which are in a design and/or construction stage. The existing variance represents outstanding payments of future project invoicing. The schedule delay was due to resources. This program is also to be used for a future larger City Hall renewal project - Master Accommodation Plan 2015.
GG1640 BUILDING ACCESSIBILITY	Life Cycle Renewal	Finance & Corporate	550,000	515,013	34,987	Q2 2017	Budget set up to address accessibility needs. Projects within this budget have been completed and the savings are being used to conduct follow up assessments.
GG1683 FACILITIES CONDITION	Life Cycle Renewal	Finance & Corporate	380,615	376,780	3,835	Q2 2017	Budget set up to complete condition studies and inspections of facilities. Projects within this budget have been completed and the savings are being used to conduct a minor facility audit.
GG1620 DEARNESS MAJOR UPGRADES	Life Cycle Renewal	Housing Social & Dearness	1,156,000	1,139,550	16,450	Q4 2017	In 2017, VFA Canada Lifecycle Renewal Audit underway to verify future needs at Dearness Home (\$10K).
PP1152-11 2011 EMERGENCY FIRE VEHICLE	Life Cycle Renewal	Neighbourhood Children & Fire	1,567,734	1,540,784	26,950	Q2 2017	Three Engines were purchased in 2012, and the remaining Service Vehicle is currently being priced out from Ford dealership, project to be closed once this vehicle is received in mid 2017.
PP1152-13 2013 EMERGENCY FIRE VEHICLE	Life Cycle Renewal	Neighbourhood Children & Fire	110,000	-	110,000	Q2 2019	Balance of funds is for replacement marine vehicles; the 2 vehicles are still in good shape due to minimal use (approx. 18,000 km) so the purchase of these replacements vehicles is on hold at this time. As it does with its entire passenger fleet, the LFD annually assesses the condition of its vehicles prior to initiating purchases.
RC2428 ENHANCED CGAC AQUATIC FUND	Life Cycle Renewal	Parks & Recreation	43,575	38,841	4,734	Q2 2017	Amount was a donation made in memorium, to be used for customer service enhancements specifically for the Canada Games Aquatic Centre. Next steps for the remaining funds are in the planning stage.
TS3135 EXTERIOR LIGHTING SPORTSFIELDS	Life Cycle Renewal	Parks & Recreation	435,854	381,506	54,348	Q4 2017	For the replacement of faulty light standards and light fixtures. Schedule has been delayed due to availability of resources.
PD1129-13 2013 DWTN STREET TREE PLANTING	Life Cycle Renewal	Planning	422,107	389,254	32,853	Q4 2017	Funding will be used for tree planting in 2017 (Old East Parking redevelopment). This project is being designed, and we anticipate all of this funding to be put towards tree planting.

Project	Classification	Service Area	2014 LTD Budget Approved	Committed	Uncommitted	Expected Completion Date	Explanation
PD2135-12 2012 MAINTAIN THAMES VALLEY	Life Cycle Renewal	Planning	900,000	75,342	824,658	Q4 2018	All remaining funds set aside for design/implementation of TVP North Branch connection. The Environmental Assessment for this project received a Part II Order. Approximately \$5M set aside for the TVP North Branch connection across multiple capital projects. Budget will be refined through upcoming detailed design (2017) with construction expected to occur in 2018.
PD2135-13 2013 MAINTAIN THAMES VALLEY	Life Cycle Renewal	Planning	350,000	268,304	81,696	Q4 2017	Kiwanis Park CN Crossing - remaining funds to be utilized for detailed design/construction of CN crossing.
PD2324-13 BLK 13 MUN OWNED HERITAGE BDGS	Life Cycle Renewal	Planning	459,383	461,049	(1,666)	Q2 2017	Project is complete but is pending final billing, at which point project can be closed.
PD2324-14 BLK 14 MUN OWNED HERITAGE BLGS	Life Cycle Renewal	Planning	280,337	279,297	1,040	Q2 2017	Project is complete but is pending final billing, at which point project can be closed.
PD2400 PARK FARM TRUST FUND	Life Cycle Renewal	Planning	91,287	80,386	10,901	Beyond	Trust Fund bequeathed in 1990 "for the purpose of such park including additions thereto" by estate of the last private owner of the municipally-owned heritage property.
PD3020 PICCADILLY URBAN PARKS	Life Cycle Renewal	Planning	39,660	8,694	30,966	Q4 2017	Piccadilly Park - had been waiting for Ministry of Environment approvals (received in 2016). Detailed design will be completed early 2017. Work to be completed in 2017. All remaining funds will be used.
PD3020-14 2014 MAINTAIN URBAN PARKS	Life Cycle Renewal	Planning	200,000	178,095	21,905	Q4 2017	Funding for Ivey Park playground resurfacing - work to be coordinated by Parks Operations in 2017.
PD3023 5-YEAR OFFICIAL PLAN REVIEW &	Life Cycle Renewal	Planning	650,000	506,610	143,390	Q4 2018	Ongoing program – this program was established to fund the regular work of updating the Official Plan (5 year review program) and Zoning By-law. The outstanding balance will be used for additional consulting work that may need to be done relating to The London Plan and associated policy amendments and will also be used for a portion of the comprehensive zoning by-law (or community planning permit system) that will need to be completed by 2021. It is expected that this funding will be used by Q4 2018, with the balance of funds for this large project coming from other sources.
TS1027 FORESTRY MTCE-GYPSY MOTH	Life Cycle Renewal	Planning	250,000	232,458	17,542	Q4 2017	Remaining funding to be used in 2017 to support Urban Forest Strategy recommendation 2.17 (communications plan).
ID1368 INNOVATION PARK-CLAIMABLE WORK	Growth	City Managers	2,000,000	693,027	1,306,973	Q1 2017	ILD and Finance to rationalize and close account in Q1 2017. Funds to be returned to appropriate parent accounts (Tax and Development Charges).
TS1033 LONDON CYCLING MASTER PLAN	Growth	Environment & Engineering	210,000	171,211	38,789	Q4 2017	Only promotional items remaining.
TS1264-13 2013 RURAL INTERSECTION	Growth	Environment & Engineering	736,152	312,196	423,956	Q4 2017	Favourable variance on past works due to competitive pricing with additional planned improvements on Westdel Bourne and the intersection of Old Victoria and Wilton Grove Roads to occur in 2017.
TS1347 RICHMOND ST WIDENING-	Growth	Environment & Engineering	900,000	-	900,000	beyond	Project has been amalgamated into the Rapid Transit Project and is underway in the Municipal Class Environmental Assessment Process

Project	Classification	Service Area	2014 LTD Budget Approved	Committed	Uncommitted	Expected Completion Date	Explanation
TS1481-1 WELLINGTON RD WIDENING-PH 1	Growth	Environment & Engineering	2,800,000	593,526	2,206,474	beyond	Project has been amalgamated into the Rapid Transit program.
TS1481-2 WELLINGTON RD WIDENING-PH2	Growth	Environment & Engineering	850,000	-	850,000	beyond	Project has been amalgamated into the Rapid Transit program.
TS1481-3 WELLINGTON RD WIDENING-PH3	Growth	Environment & Engineering	550,000	-	550,000	2023	Project merged with Rapid Transit Study - keep funds available for coordinated corridor improvements
TS2170 BRADLEY FROM OLD VICTORIA	Growth	Environment & Engineering	2,350,000	805,058	1,544,942	beyond	Possible work to cover DC roadworks associated with a future Innovation Park Phase 5. Limits on Bradley are from Bonder easterly to City Limits. Will be discussed with ILD, Transportation and Finance, etc.
TS4160 TRAFFIC SIGNALS & STREET LIGHT	Growth	Environment & Engineering	1,259,000	1,066,474	192,526	Q4 2018	The balance of the funds will be used along with other funds to construct the Southdale/Boler traffic signal in 2017. Project will be closed after the warranty period has ended.
TS5320 STREET LIGHT GROWTH	Growth	Environment & Engineering	575,000	600,515	(25,515)	Q2 2017	Schedule delay is related to outstanding as-constructed drawings. Project can be closed when as-constructed drawings have been received and payment processed.
TS1370 NONGROWTH CONTRIBUTION	Growth	Finance & Corporate	1,962,000	1,299,020	662,980	Q2 2017	Variance resulting from slowdown in UWRP claims submissions in relation to DC estimates (which triggered the payment of exempt DC's from taxpayer funded sources to UWRP). Funding for DC exemptions switched to alternate approach effective 2015. Surplus Funds will be transferred to same Reserve Fund as is used to fund CIP exemptions - Industrial and Institutional.
PD1033-11 2011 NEW DISTRICT PARKS	Growth	Planning	440,000	422,154	17,846	Q4 2017	Funds to assist with washroom building upgrade in Riverbend District Park. Developer has not dedicated structure to City as of yet. All of this available funding is needed (plus more recent funding) for this washroom upgrade. City should be in a position to start design in 2017 which will allow these funds to be fully spent.
PD2041 2008 NEW OPEN SPACE NETWORK	Growth	Planning	130,000	120,883	9,117	Q1 2017	Remaining funds to be used for the design of Lambeth boardwalk (Canada 150 Grant application). Funding to support implementation of the project will come out of the Maintain Open Space Capital program for boardwalk/bridge structure upgrades.
PD2042 2009 NEW MAJOR OPEN SPACE	Growth	Planning	491,500	347,655	143,845	Q4 2017	Funds for capital claims for pathway development at Wickerson development adjacent to Boler lands. Subdivisions have been registered, but park work has not commenced as of yet. This should occur in 2017, requiring all remaining funds.
PD2043-12 2012 NEW MAJOR OPEN SPACE	Growth	Planning	620,000	496,989	123,011	Q4 2017	Talbot/Bostwick pathway/trail connections - delayed due to assumption processes linked to Talbot storm pond and area subdivision development (work has commenced winter 2017).

Project	Classification	Service Area	2014 LTD Budget Approved	Committed	Uncommitted	Expected Completion Date	Explanation
PD2043-13 2013 NEW MAJOR OPEN SPACE	Growth	Planning	400,000	291,839	108,161	Q4 2018	Boler lands & Wickerson Stormwater Management Facility pathway connections. Stormwater Management Division (SWM) is leading storm pond construction. All of the funding will be used. Timing for pathway is subject to coordination between City SWM Division schedule, subdivision developers and easements being finalized across Boler lands. Timing is TBD, but we are hopeful that all aspects are finalized in 2017 allowing for implementation in 2018.
PD2043-14 2014 NEW MAJOR OPEN SPACE	Growth	Planning	350,000	51,032	298,968	Q4 2018	Funding for open space linkages in new subdivisions. Specific projects include: \$100k for West Byron/Stormwater Management connections, \$198k for Lambeth P9 stormwater facility and surrounding development.
PD2082 MEADOWLILY AREA PLANNING STUDY	Growth	Planning	520,000	391,114	128,886	Q4 2017	Meadowlily Secondary Plan was initiated in response to an application to designate and zone lands adjacent to Meadowlily for commercial development. A significant amount of work has been completed to date – including consulting reports, environmental studies, public consultation, etc. Project was put on hold to dedicate limited staff resources to other higher priority projects when the initial applicant changed plans and the area's commercial potential diminished. As per Planning Services' reported work program, staff intend to ramp the project up again and complete the secondary plan in Q4 2017. Since the Meadowlily Study has not been re-initiated it is unclear whether all of the funds will be required.
PD2124 2010 NEW THAMES VALLEY PRKWAY	Growth	Planning	240,000	187,506	52,494	Q4 2017	Remaining funds are earmarked for TVP North Branch (Richmond - Adelaide) connection. Environmental Assessment received Part II order. We anticipate using these funds in 2017 for detailed design, with construction anticipated in 2018.
PD2124-11 2011 NEW THAMES VALLEY PARKWAY	Growth	Planning	400,000	389	399,611	Q4 2018	Meadowlily ESA Master Plan Delay - due to Council resolution to update Trail Guide. Trail guidelines were approved late 2016, allowing staff to proceed again with ESA Master Plans in 2017. These funds are set aside for TVP connection between Citywide Sports Fields and the Pedestrian Bridge over the Thames. Construction will occur once ESA Master Plan is completed.
PD2124-12 2012 NEW THAMES VALLEY PARKWAY	Growth	Planning	50,000	-	50,000	Q4 2017	Funds for TVP at Victoria on the River subdivision. TVP has been constructed by the developer, but land has not been assumed and therefore capital claim has not been processed as of yet.
PD2124-13 2013 NEW THAMES VALLEY PARKWAY	Growth	Planning	650,000	16,303	633,697	Q4 2018	\$235k allocated for TVP extension east of Highbury in Edgevalley development. Remaining \$400k for Victoria on the River TVP (which is complete, but capital claim not processed) and for Hamilton Road underpass. Edgevalley should proceed in 2018, subject to final approvals on subdivision plans. Hamilton Road underpass will be designed in 2017 with construction in 2018.

Project	Classification	Service Area	2014 LTD Budget Approved	Committed	Uncommitted	Expected Completion Date	Explanation
PD2124-14 2014 NEW THAMES VALLEY PARKWAY	Growth	Planning	800,000	1,567	798,433	Q4 2018	Remaining funds are earmarked for TVP North Branch (Richmond - Adelaide) connection. Environmental Assessment received Part II order. We anticipate detailed design to occur in 2017, with construction anticipated in 2018.
PD2253 2010 NEW ENVIRO SIGNIF AREAS	Growth	Planning	260,000	209,206	50,794	Q4 2017	Meadowlily ESA Ph. 2 Master Plan (\$32k) delayed due to Council resolution to update Trail Guide. Trail guidelines approved late 2016, allowing staff to proceed again with ESA Master Plans in 2017. Remaining \$20k to be spent on enhancements to Kains boardwalk.
PD2253-12 2012 NEW ENVIRO SGNIF AREA	Growth	Planning	290,000	170,000	120,000	Q4 2018	Meadowlily ESA Ph. 2 Master Plan & implementation - delayed due to Council resolution to update Trail Guide. Trail guidelines approved late 2016, allowing staff to proceed again with ESA Master Plans in 2017. Typically, the City budgets approximately \$50-\$100k/year for a 3-4 year period following completion of ESA master plans to support implementation.
PD3019-13 2013 NEW URBAN PARKS	Growth	Planning	100,000	-	100,000	Q4 2017	Funding for Talbot Village Urban Park. Waiting for adjacent school and site plan apartment block designs to be finalized. Work to proceed in 2017. The park will cost approximately \$245k, subject to detailed design. Funding is sourced from this account and the 2015 budget.
ID1140 RIVER ROAD INDUSTRIAL LANDS	Service Improvement	City Managers	3,306,000	3,165,355	140,645	beyond	Park is fully assumed for operational costs. Some lots remain to be sold so the possibility of future capital expenses remains until all lots are sold.
ID1141 RIVER RD OUTLET SWR IND PARK	Service Improvement	City Managers	2,563,303	2,418,825	144,478	beyond	Park is fully assumed for operational costs. Some lots remain to be sold so the possibility of future capital expenses remains until all lots are sold.
ID1160 BLK LONDON ENTERPRISE PARK	Service Improvement	City Managers	2,400,080	2,231,229	168,851	Beyond	Ongoing ILDS project account as this phase of park has not been assumed. Some lots remain to be sold.
ID1165 BLK SKYWAY INDL PARK-PH I	Service Improvement	City Managers	4,450,893	4,484,545	(33,652)	Beyond	Ongoing ILDS project account as this phase of park has not been assumed. Some lots remain to be sold.
ID1166 OXFORD STREET BUSINESS PARK	Service Improvement	City Managers	1,983,291	458,061	1,525,230	Q4 2017	Park is conditionally sold. ILD and Finance to review account in 2017.
ID1170 HURON INDUSTRIAL PARK	Service Improvement	City Managers	6,012,553	5,117,230	895,323	beyond	Ongoing ILDS project account. ILD and Finance to review account in 2017.
SW6023 COMMUNITY ENVIRO DEPOTS	Service Improvement	Environment & Engineering	1,500,000	43,740	1,456,260	Q4 2019	Project is on hold pending Ministry of Environment and Climate Change legislation development.
SW6047 MATERIAL RECOVERY FACILITY	Service Improvement	Environment & Engineering	22,459,660	22,087,209	372,451	Q4 2017	There is approximately \$245,000 in planned project work that has been delayed due to staff resources. The planned project work involves construction of the sanitary sewer forcemain connection, asphalt repair and outdoor environmental gathering area enhancements.
TS1325 VETERANS MEMORIAL SOUTH	Service Improvement	Environment & Engineering	1,148,811	922,361	226,450	Q2 2019	Currently under construction with completion anticipated by the end of June 2018. Account required to cover realty costs from expropriation.
TS1498 HALE ST-TRAFALGAR RD	Service Improvement	Environment & Engineering	16,647,442	16,628,018	19,424	Q4 2017	Outstanding property issue to be addressed.

Project	Classification	Service Area	2014 LTD Budget Approved	Committed	Uncommitted	Expected Completion Date	Explanation
TS1739-14 2014 BIKE LANE PROGRAM	Service Improvement	Environment & Engineering	197,278	187,101	10,177	Q2 2017	A favourable variance is remaining due to competitive pricing and remaining contingency.
TS4011 TRAFFIC SIGNAL UPGRADE	Service Improvement	Environment & Engineering	3,643,040	3,419,579	223,461	Q4 2017	The installation of the traffic signal system is complete. The balance of the budget is to be used to replace the communication system originally installed when the signal system was installed. A new communication system will reduce annual operating costs.
TS4204 DOWNTOWN PARKING INITIATIVES	Service Improvement	Environment & Engineering	500,000	300,711	199,289	Q1 2017	The project is on budget to date. Report will be submitted to Civic Works in the 3rd quarter of 2017.
TS4209 IMPROVED PARKING TECHNOLOGY	Service Improvement	Development & Compliance	300,000	225,568	74,432	Q2 2018	Parking Technology replacement consists of 9 modules which encompass various phases of planning, conversion of data, technical and business training, security set up, business support and key functional users, software promotion and integration, pilot site implementation, full roll out and file system implementation. Contract executed January 2015. The main modules became operational September 1st 2016. Parking Services staff and ITS staff are working with the vendor to complete the remaining modules in 2018 when the project is anticipated to be complete. The outstanding modules are Administrative Monetary Penalties, Paid Permits and Asset & Ops.
TS5031 TRANSPORTN DEMAND MNG	Service Improvement	Environment & Engineering	320,750	301,168	19,582	Q4 2018	The Transportation Demand Management (TDM) projects, as originally envisioned, were completed on the understanding that funding leveraged from this program would be allocated to future projects dealing with the outcomes of the previous work in TDM plus updated strategies requested by Municipal Council (e.g., Transportation Master Plan, Parking Strategy, Cycling Master Plan). Through the projects completed, \$130,000 in non property tax supported funding was leveraged. 2 projects under Public Transit Infrastructure Fund for 2017 and 2018 account for \$100,000. The remaining funds are assigned to capital expenditures under the Transportation Demand Management (TDM) Program and will be used in 2017 and 2018 to coincide with outcomes consistent with Public Transit Infrastructure Fund projects and related TDM capital expenditures.
PP2047 1060 & 1066 BYRON BASELINE RD	Service Improvement	Finance & Corporate	3,095,525	18,706	3,076,819	Q2 2017	Pending sale completion scheduled by March 31, 2017.
RC2401-RINC LONDON OPTIMIST SPORTS CENTRE	Service Improvement	Finance & Corporate	4,115,000	3,996,586	118,414	Q1 2018	Ongoing environmental monitoring required pursuant to Risk Assessment measures. Ground Water monitoring occurring into 2017 and subject to Ministry of Environment approvals to suspend.
PD2633 DEVELOPMENT OF INFORMATION	Service Improvement	Housing Social & Dearness	200,000	52,950	147,050	Q1 2018	Project is for development of housing information system. Slight delay from 2017 Q4 to 2018 Q1 expected due to complexities of the software development and the process of working with 7 other Service Managers for approvals, etc. Project budget expected to be fully spent.
RC2751 OW DECENTRALIZATION - SOUTH	Service Improvement	Housing Social & Dearness	6,551,955	6,532,684	19,271	Q1 2017	Further analysis is underway on the HST treatment for this project. Once resolved in early 2017, project will be ready for closure.

Project	Classification	Service Area	2014 LTD Budget Approved	Committed	Uncommitted	Expected Completion Date	Explanation
PP1025 INTERFACE & MOBILE DATA	Service Improvement	Neighbourhood Children & Fire	1,000,000	-	1,000,000	Q2 2019	On receiving budget approval from Council, Fire Services developed a high-level needs assessment and is currently working with Information Technology Services (ITS) on an implementation plan. A recommendation specifying the projects should come by Q2 2017. There are number of significant sub-projects to be phased in within this master project. The timing of several of the sub-projects are directly related to the results of labour contract negotiations.
PP1033 APPARATUS HOIST	Service Improvement	Neighbourhood Children & Fire	175,000	-	175,000	Q2 2019	Awaiting completion of labour contract negotiations to determine next steps.
PP4490 BUSINESS INTELLIGENCE SOFTWARE	Service Improvement	Neighbourhood Children & Fire	226,007	225,470	537	Q2 2019	Business intelligence component of this project is complete, however Incident Analyst is on hold. Remaining funds are being recommended to be reallocated to project PP1025 (Interface & Mobile Data) as these projects are related.
PD1015 SOUTH STREET CAMPUS REDEV	Service Improvement	Planning	155,000	141,363	13,637	Q2 2017	This account has been used to pay for a variety of consulting services over several years as required to prepare the Old Victoria Hospital Lands for sale, including an Environmental Impact Study, an assessment of heritage resources, and preparation of a stabilization plan for heritage resources. Some consulting work is anticipated to conclude Phase I preparation and begin Phase II preparation. Negotiations are underway with preferred Phase 1 developer; currently anticipated that \$10-\$15K will be required for City due diligence studies (e.g. independent analyses of submitted economic pro-formas, site conditions verification, etc.).
PD1018 SMART CITY STRATEGY	Service Improvement	Planning	125,000	127,200	(2,200)	Q3 2017	This consulting assignment is on track for completion in Q3 2017. Additional funds have been placed in this account to supplement HST requirements, therefore the project is not over-budget.
PD1145 PLACEMAKING DESIGN GUIDELINES	Service Improvement	Planning	100,000	64,475	35,525	Q4 2017	Project was delayed until the London Plan was completed; will be completing this project in 2017 using all remaining funding with review of Urban Design program and use of placemaking and design guidelines in the planning process.
PD2160 DINGMAN OFF LEASH DOG PARKS	Service Improvement	Planning	130,000	130,075	(75)	Q1 2017	Adelaide Dog Park - Work completed fall 2016, awaiting final billing prior to closure of capital project in early 2017.
TS1026 FORESTRY MTCE MANAGEMENT-UFORE	Service Improvement	Planning	425,000	423,026	1,974	Q4 2017	Remaining funding to be used in 2017 to support Urban Forest Strategy recommendation 2.17 (communications plan).
WASTEWATER & TREATMENT							
ES1725 SHERWOOD PK BASEMENT FLOODING	Life Cycle Renewal	Environment & Engineering	200,000	-	200,000	Q1 2017	Project initiated as part of a planning agreement, 100% funded by developer. No development proceeded and there are no current plans on part of developer to proceed. Project currently being reviewed.

Project	Classification	Service Area	2014 LTD Budget Approved	Committed	Uncommitted	Expected Completion Date	Explanation
ES2488 WEST LONDON DYKES	Life Cycle Renewal	Environment & Engineering	2,429,439	2,023,214	406,225	Q2 2017	Phase 3 construction ongoing, phase 3 completion in 2017. Associated with Upper Thames River Conservation Authority (UTRCA) Remediating Flooding.
ES3073 DINGMAN PUMPING STATION AND	Life Cycle Renewal	Environment & Engineering	3,596,921	3,474,871	122,050	Q4 2018	Initial improvement projects have been completed with favourable tender results. The current optimization study will identify the most efficient uses of this facility and will prepare for future projects under possible funding programs.
ES4825-11 2011 MUNICIPAL DRAIN	Life Cycle Renewal	Environment & Engineering	943,073	199,665	743,408	Q4 2019	Several Major drainage projects are currently planned and will be supported through the funding in this account.
ES4834-11 2011 MUNICIPAL DRAIN MTCE	Life Cycle Renewal	Environment & Engineering	203,614	112,801	90,813	Q1 2017	Project will be closed following receipt of 2016 invoicing.
ES6066 DINGMAN PUMPING STATION HEADER	Life Cycle Renewal	Environment & Engineering	500,000	-	500,000	Q4 2019	Current use of facility changed form of project; optimization study underway for Dingman-Wonderland corridor, funds will be used for work out of this study.
ES2095 BIOSOLIDS DISPOSAL AND	Growth	Environment & Engineering	12,766,150	12,736,522	29,628	Q2 2017	Additional drainage work required; going to be project early in the new year to improve performance of centrifuges.
ES2485 OLD OAK SERVICING (FORMER)	Growth	Environment & Engineering	3,360,000	1,270,554	2,089,446	beyond	Development Charges Project, on hold subject to completion of the Dingman Creek Environmental Assessment (EA). Dingman EA anticipated to be completed Q1 2018.
ES2682 DINGMAN EROSION CONTROL AND	Growth	Environment & Engineering	9,344,333	7,816,431	1,527,902	Q1 2017	Contract concluding, one legal issue remains outstanding. Project significantly under budget due to favourable Tender results. This is a marquee project for stormwater management in the City as a 20 hectare (ha) engineered wetland created at Dingman and Wonderland.
ES2685 GREENWAY EXPANSION	Growth	Environment & Engineering	46,143,000	43,970,167	2,172,833	Q4 2019	Greenway Expansion and Upgrade in progress, not due for completion until mid to end of 2018, but there will be deficiencies and warranty and may go into 2019. Approximately 40% complete.
ES3020-FH1 SWM FACILITIES - FOXHOLLOW 1	Growth	Environment & Engineering	4,719,450	4,758,690	(39,240)	Q2 2017	Contract concluding, will be released as part of next budget monitoring cycle. Minor construction to commence in spring, otherwise facility constructed and in warranty period.
ES3020-FH3 SWM FACILITY - FOX HOLLOW 3	Growth	Environment & Engineering	5,777,800	1,903,851	3,873,949	Q2 2018	This project was originally anticipated to occur in 2011, however, the draft plans associated with the servicing were not submitted until a much later date. Main Project to be tendered in January 2017. Phase 1 Grading work project currently out to tender, second phase scheduled to commence March 2017.
ES3020-HP1B1 BLK SWM FACILITY-HYDE PARK 1B1	Growth	Environment & Engineering	2,612,600	2,520,877	91,723	Q2 2018	Final work includes an inlet to pick up the lands from the south which are included in the Hyde Park Environmental Assessment (EA) Addendum; Hyde Park EA to be completed by Q3 2017 - timing of final work to follow EA completion.
ES3020-HP6 SWM FACILITY - HYDE PARK NO 6	Growth	Environment & Engineering	2,416,700	1,374,197	1,042,503	Q4 2017	Subject to completion of Hyde Park Environmental Assessment Addendum - to be completed Q3 2017.

Project	Classification	Service Area	2014 LTD Budget Approved	Committed	Uncommitted	Expected Completion Date	Explanation
ES3020-MUDOL SWM FACILITY- MUD CREEK ONLINE	Growth	Environment & Engineering	1,240,000	-	1,240,000	2020	Subject to completion of Mud Creek Environmental Assessment - To be completed Q2 2017.
ES3020-PD2 SWM FACILITY- PINCOMBE DRAIN 2	Growth	Environment & Engineering	2,456,700	-	2,456,700	Q2 2017	Awaiting a claim to be filed by the Developer for payment for design and construction of this stormwater pond. This project was constructed by the developer as a temporary Stormwater Management facility at their own cost prior to completion of an Environmental Assessment (EA) process prior to 2011. EA process concluded in 2014 and identified as a permanent facility. During 2014 Development Charges negotiations, the repayment of this facility was scheduled for 2017.
ES3020-UPNB2 SWM FACILITY- UPLANDS NORTH B2	Growth	Environment & Engineering	2,141,700	1,907,600	234,100	Q1 2017	Development Charges Funded work to be closed out in next monitoring cycle. Project under budget due to favourable tender results.
ES3020-WKR SWM FACILITY - WICKERSON RD	Growth	Environment & Engineering	2,236,700	1,351,009	885,691	Q1 2017	Development Charges Funded work to be closed out in next monitoring cycle; the Wickerson Facility was constructed during a highly competitive construction season with a very favourable construction tender cost. In addition only minor amounts of contingency were utilized
ES4402 EXTENSION OF THE STONEY CREEK	Growth	Environment & Engineering	4,950,058	3,002,935	1,947,123	Q4 2017	Work plan in place with Developer. Construction undertaken Fall 2016. Future claim for works to be made against account by developer.
ESSWM-HP5 SWM FACILITY - HYDE PARK NO 5	Growth	Environment & Engineering	6,517,700	365,728	6,151,972	Q4 2017	Subject to completion of the Hyde Park Environmental Assessment (EA) Addendum. Original EA recommendations for this facility need to be reassessed based on changing conditions in the subwatershed. This was one of the triggers for Hyde Park EA Addendum to be completed Q3 2017.
ESSWM-MM4 SWM FACILITY-MURRAY MARR 4	Growth	Environment & Engineering	2,100,000	166,410	1,933,590	Q4 2019	Delayed until completion of the Dingman Creek Environmental Assessment (EA). Dingman Creek EA currently underway for completion in Q1 2018.
ESSWM-SB SWM FACILITY-WICKERSON NO S-B	Growth	Environment & Engineering	3,226,700	2,801,245	425,455	Q4 2018	Currently under construction, anticipated completion 2017. Warranty period until end of 2018. Project under budget due to favourable Tender results.
ID2056 BLKSKYWAY IND PARK-SWR OVRISIZG	Growth	Environment & Engineering	938,000	811,728	126,272	Beyond	Ongoing ILDS project account as this phase of park has not been assumed. Some lots remain to be sold.
ID2140 BLK RIVER RD INDL LAND SEWER	Growth	Environment & Engineering	625,600	555,038	70,562	Q1 2017	Project work near completion. Expected to be closed during the next budget monitoring cycle.
ID2156 BLK SKYWAY IND PARK-SWR LOCAL	Growth	Environment & Engineering	1,036,000	965,796	70,204	Q1 2017	Project work near completion. Expected to be closed during the next budget monitoring cycle.
ES1721 ECONOMIC DEVELOPMENT	Service Improvement	Environment & Engineering	8,531,194	7,622,897	908,297	Q1 2017	Future work related to the water technology centre. Pipe remediation consulting contingency- This project was extended due to damage that occurred to the system prior to full acceptance. The repairs are mostly complete and this project is on track for final billing and close Q1 of 2017.

Project	Classification	Service Area	2014 LTD Budget Approved	Committed	Uncommitted	Expected Completion Date	Explanation
ES2455 STONEY CREEK IMPROVEMENTS	Service Improvement	Environment & Engineering	160,000	-	160,000	Q4 2018	The Clean Water & Wastewater Fund (CWWF) requests includes a "Reclamation and Naturalization of Existing Urban Watercourses - Rehabilitation Plan Preparation." The project will be aligned with this forthcoming strategy.
ES2465 HIGHLAND GREEN- BASEMENT	Service Improvement	Environment & Engineering	189,000	-	189,000	Q2 2019	Project linked to timing of Highland Green Development. Reason for delay: Development has not progressed - waiting on developers.
ES2486 WONDERLAND RD DITCH REMEDN WRK	Service Improvement	Environment & Engineering	1,770,028	336,487	1,433,541	Q4 2019	On hold subject to completion of the Dingman Creek Environmental Assessment (EA). Dingman EA anticipated to be completed Q1 2018.
ES2680 SHERWOOD FOREST FLOODING	Service Improvement	Environment & Engineering	1,800,000	630,572	1,169,428	beyond	Program initially designed to alleviate basement flooding in one neighbourhood. A pilot project was undertaken that had success in disconnecting residential weeping tiles and saw a net benefit to the neighbourhood. Project will be expanded to a new area in 2017 and continue to target sanitary surcharge prone areas in the future.
ES3068 SPRINGBANK DAM REPLACE GATES	Service Improvement	Environment & Engineering	6,865,079	6,745,687	119,392	2020	On hold until completion of One River Environmental Assessment (EA). One River EA aimed to be completed by Q2 2018.
ES3087 HURON INDUSTRIAL PARK SERVICE	Service Improvement	Environment & Engineering	1,122,673	422,388	700,285	beyond	Ongoing Industrial Land Development Services (ILDS) project account. ILDS and Finance to review account in Q2 2017.
ES4422 PERMANENT FLOW MONITOR	Service Improvement	Environment & Engineering	400,000	86,621	313,379	Q1 2017	In establishing the project budget, historical costs were used from a previous provider of flow monitor equipment. A new provider was selected through the competitive procurement process which resulted in the project being under budget while still providing the same level of service and equipment standards that were identified in the project.
ES5143 HAULED LIQUID WASTE RECEIVING	Service Improvement	Environment & Engineering	1,000,000	809,357	190,643	Q4 2018	Feasibility study underway for improved septage receiving at Dingman/Wonderland that will identify future project requirements.
ES6072 GREENVALLEY DRAIN-WILTON	Service Improvement	Environment & Engineering	1,935,056	1,211,140	723,916	Q2 2017	Project work near completion. Expected to be closed during the next budget monitoring cycle.
ES6089 APPLGATE SWMF REMEDIATION	Service Improvement	Environment & Engineering	280,000	172,256	107,744	Q4 2018	This project covers the design work for the remediation required. A separate project has been included in the Clean Water & Wastewater Fund (CWWF) application to cover the construction costs scheduled for summer 2017 expected completion, including landscaping is Q3 2017.
WATER							
EW3754-14 2014 ABANDONED WELLS	Life Cycle Renewal	Environment & Engineering	331,000	226,538	104,462	Q4 2018	The abandoned well program is a long term program to decommission former drinking water wells that are no longer being used. Many well decommissioning projects take multiple years to complete. The initial stage of the program decommissioned wells that were both easy to identify and were readily accessible. The final phase will focus on the hard to locate and difficult to access wells which requires proportionally more time and field work. The remaining wells in this program are anticipated to be decommissioned by the end of 2018.

Project	Classification	Service Area	2014 LTD Budget Approved	Committed	Uncommitted	Expected Completion Date	Explanation
EW3614 SE PUMPING STATION-RESERVOIR	Growth	Environment & Engineering	55,728,118	54,739,585	988,533	Q4 2018	This project has been delayed due to a hydraulic uplift incident which took place in July 2011. Construction is currently underway.
EW3653 WICKERSON PUMPING STATION	Growth	Environment & Engineering	1,186,924	943,033	243,891	Q2 2017	This project was originally scheduled to meet growth and servicing demands. Due to the long term decline of overall water demand the project was placed on hold. Project is underway is expected to be complete and entering warranty period in early 2017.
EW3522 EMERG WELL SYSTM UPGR-BILL 459	Service Improvement	Environment & Engineering	907,702	921,449	(13,747)	Q3 2017	Program has one remaining project. Outer Drive Reservoir removal specifications, impact on neighbours and potential sale of land caused reason to delay project to ensure project progression was in line with Legal requirements and Realty Services requirements. Project will re-initiate in Q1 2017 with completion Q3 2017. A pending committee report will identify funding to complete the program.
EW3619 WHITE OAK WATERMAIN	Service Improvement	Environment & Engineering	700,000	36,912	663,088	Q2 2017	An Official Plan amendment within the area identified as the location of the White Oak Water main has led to a delay in construction. The construction of this water main is tied to a future development application.
TOTAL			331,588,304	270,409,954	61,178,350		

Appendix C – Completed Capital Projects (as of December 31, 2016)

Project	Classification	Approved Budget	Actual	Surplus / (Deficit)	Comments (For Variance Greater Than \$50,000)	Funding To Be Returned / (Required)					
						Rate Supported			Non-Rate		
						Capital Levy	Debt	Reserve Fund	Reserve Fund	Debt	Other
TAX SUPPORTED											
PD2322 2008-MUN OWNED HERITAGE BLDGS	Life Cycle Renewal	1,042,247.00	1,042,246.48	0.52		0.52					
GG1770 RECONFIGURATION OF MAIN LEVEL	Life Cycle Renewal	1,964,624.00	1,964,624.00	-							
GG176516 CONVENTION CENTRE REPAIRS	Life Cycle Renewal	440,000.00	439,624.00	376.00				376.00			
GG1783 REPLACEMENT OF ELEVATOR	Life Cycle Renewal	85,000.00	85,149.60	(149.60)	Funded from Covent Garden Market reserves				(149.60)		
SW6087-14 2014 CLOSED LANDFILL MNGT	Life Cycle Renewal	67,266.00	67,265.55	0.45					0.45		
SW6040-14 2014 LANDFILL GAS COLLECTN	Life Cycle Renewal	33,983.00	33,982.72	0.28					0.28		
RC2881-14 2014 GOLF COURSE LIFECYCLE	Life Cycle Renewal	143,887.00	143,887.14	(0.14)					(0.14)		
PD2732 PARKLAND ACQN, CLEANUP AND	Life Cycle Renewal	374,054.00	375,649.29	(1,595.29)					(1,595.29)		
PD2173-14 2014 MAINTAIN SPORTSPARK	Life Cycle Renewal	125,000.00	120,533.14	4,466.86		4,466.86					
PD1235-15 STREET TREE PLANTING	Life Cycle Renewal	408,498.00	407,981.29	516.71		516.71					
PD123516 STREET TREE PLANTING	Life Cycle Renewal	411,000.00	410,580.98	419.02		419.02					
PD2754-14 2014 WOODLAND MANAGEMENT	Life Cycle Renewal	220,915.00	213,642.96	7,272.04		7,272.04					
PP1045 REPLACE PORTABLE RADIOS	Life Cycle Renewal	245,000.00	153,866.38	91,133.62	Surplus is available due to achieving better than anticipated pricing than was expected at the time of budget submission.			91,133.62			
PP1123 2010 REPL FIREFIGHTER EQUIPMNT	Life Cycle Renewal	152,133.00	56,430.38	95,702.62	Remaining funds were being held for replacement of gas detection monitors. LFD is currently reviewing changes in technology for replacement monitors and may be able to go from 2 monitors to 1. Needs to be evaluated in 2017, but will be funded from a more recent budget allocation.			95,702.62			
PP1123-11 2011 REPL FIREFIGHTER EQUIP	Life Cycle Renewal	195,000.00	194,999.84	0.16				0.16			
PP1123-12 2012 REPL FIREFIGHTER EQUIP	Life Cycle Renewal	165,595.00	165,594.67	0.33				0.33			
PP1123-13 2013 REPL FIREFIGHTER EQUIP	Life Cycle Renewal	87,274.00	87,274.02	(0.02)				(0.02)			
PP1123-14 2014 RPL FIREFIGHTER EQUIPMENT	Life Cycle Renewal	544,792.00	544,791.88	0.12				0.12			
PP1042 2010 NON EMERG FIRE VEHICL	Life Cycle Renewal	70,000.00	69,423.88	576.12				576.12			
PP1042-13 2013 NON EMERGENCY FIRE VEH	Life Cycle Renewal	134,638.00	134,637.96	0.04				0.04			
PP1042-14 2014 NON EMERGENCY FIRE VEHICL	Life Cycle Renewal	37,286.00	37,285.51	0.49				0.49			
PP1152-15 EMERGENCY FIRE VEHICLE	Life Cycle Renewal	2,487,271.00	2,487,270.77	0.23				0.23			
PP4326 CONDUCTED ENERGY WEAPONS	Life Cycle Renewal	339,000.00	338,994.86	5.14				5.14			
PP4444 2010 HEADQUARTERS BLDG REPAIRS	Life Cycle Renewal	300,000.00	299,996.96	3.04		3.04					
PP4314-13 2013 REPLACE POLICE VEHICLES	Life Cycle Renewal	826,550.00	826,471.18	78.82				78.82			
PP4444-11 2011 HEADQUARTES BLDG REPAIRS	Life Cycle Renewal	400,000.00	399,979.63	20.37		20.37					
PP4444-12 2012 HEADQUARTERS BLDG REPAIRS	Life Cycle Renewal	425,000.00	424,996.32	3.68				3.68			
PP4444-13 2013 HEADQUARTERS BLDG REPAIRS	Life Cycle Renewal	450,000.00	449,546.18	453.82		453.82					
PD2618-15 PUBLIC HOUSING MJR UPGRADE	Life Cycle Renewal	2,208,000.00	2,208,000.00	-							
SS1151 DEARNESS EMERGENCY REPAIRS	Life Cycle Renewal	783,543.00	783,543.46	(0.46)		(0.46)					
SS1152 LONG TERM CARE EQUIPMENT	Life Cycle Renewal	527,646.00	527,646.30	(0.30)				(0.30)			
GG1620-13 2013 DEARNESS MJR UPGRADES	Life Cycle Renewal	24,540.00	24,540.45	(0.45)				(0.45)			
GG1620-14 2014 DEARNESS MJR UPGRADES	Life Cycle Renewal	100,194.00	100,193.83	0.17				0.17			
SS2070 FILE MANAGEMENT SYSTEM	Life Cycle Renewal	563,533.00	562,547.19	985.81		985.81					

Project	Classification	Approved Budget	Actual	Surplus / (Deficit)	Comments (For Variance Greater Than \$50,000)	Funding To Be Returned / (Required)					
						Rate Supported			Non-Rate		
						Capital Levy	Debt	Reserve Fund	Reserve Fund	Debt	Other
MU104416 BUS PURCHASE REPLACEMENT	Life Cycle Renewal	7,586,600.00	8,147,668.11	(561,068.11)	Increase in purchase costs of buses due to US exchange rate. Consistent with London Transit Commission approval, increased cost funded from Provincial Gas Tax allocation						(561,068.11)
MU113616 EXISTING FACILITY UPGRADE	Life Cycle Renewal	500,000.00	354,826.00	145,174.00	Amount of projects undertaken in 2016 lower than anticipated.						145,174.00
TS1446-13 2013 ROAD REHAB - MAIN	Life Cycle Renewal	7,304,108.00	7,304,108.20	(0.20)					(0.20)		
TS4075 LED STREET LIGHT UPGRADE	Life Cycle Renewal	6,000,000.00	4,931,018.76	1,068,981.24	The cost of the equipment came in much lower than anticipated when contract was awarded.			1,068,981.24			
TS3014-13 2013 ROAD REHAB-LOCAL&RURAL	Life Cycle Renewal	3,334,293.00	3,334,292.33	0.67		0.67					
TS3014-14 2014 ROAD REHAB-LOCAL & RURAL	Life Cycle Renewal	5,175,789.00	5,175,789.23	(0.23)		(0.23)					
TS3037-14 2014 SIDEWALK REPAIRS & REPLAC	Life Cycle Renewal	1,190,120.00	1,190,120.43	(0.43)		(0.43)					
TS6200-14 2014 OPERATION FACILITIES	Life Cycle Renewal	618,473.00	618,472.26	0.74		0.74					
ME2012-02 2012 V&E REPLACEMENT - NON-TCA	Life Cycle Renewal	50,358.00	47,848.94	2,509.06				2,509.06			
ME2013-02 2013 V&E REPL-NON-TCA	Life Cycle Renewal	63,149.00	29,695.41	33,453.59				33,453.59			
GG1070 RECORD MANAGEMENT	Life Cycle Renewal	994,683.00	994,683.00	-							
GGMOD1402 PH 2 - NETWORK CONCEPT	Life Cycle Renewal	383,143.00	382,686.27	456.73		456.73					
GGMOD1403 PH 3-NETWORK CORE DATA DEPLOY	Life Cycle Renewal	249,072.00	249,072.60	(0.60)		(0.60)					
GGAPPL1501 ITSM UPGRADE	Life Cycle Renewal	40,679.00	40,678.59	0.41		0.41					
GGAPPL1601 APPLIC'N MIDDLEWARE-PORTAL	Life Cycle Renewal	33,226.00	33,225.68	0.32		0.32					
GGINFRA1405 FIBRE REMEDIATION & REDUNDANCY	Life Cycle Renewal	140,297.00	140,297.41	(0.41)		(0.41)					
GGINFRA1601 CUSTOM ACCESS POINT NAME	Life Cycle Renewal	4,598.00	4,597.95	0.05		0.05					
GGINFRA1602 F5 ACCESS MODULE	Life Cycle Renewal	39,111.00	39,110.93	0.07		0.07					
GGINFRA1603 COMMITTEE ROOM EQUIPMENT	Life Cycle Renewal	249,741.00	249,740.58	0.42		0.42					
RC2771 2014-NEW SPRAY PAD INITIATIVE	Growth	378,938.00	378,938.16	(0.16)		(0.16)					
PD2253-14 2014 NEW ENVIRO SIGNIF AREAS	Growth	10,000.00	9,355.94	644.06		341.38			302.68		
TS1030 TRAFFIC IMPACT STUDIES	Growth	150,000.00	23,125.89	126,874.11	Savings resulted from some traffic studies being executed by the Development community in support of their plans. This resulted in lessening the need for those same studies to be initiated by TS1030.	17,032.85			109,841.26		
TS1034 DC BACKGROUND STUDY-ROADS	Growth	227,001.00	178,106.55	48,894.45		6,996.22			41,898.23		
TS1475 FANSHAWE RD E WIDENG-PH 1	Growth	8,195,070.00	7,435,520.62	759,549.38	Favourable variance is predominantly a result of the construction contract being completed well below the contract award value. The engineering design and construction administration was thorough, construction change orders were minimized and efficiencies with components such as traffic management were developed during the construction.		160,305.68		599,243.70		
TS1486 SOUTHDALE RD WIDENING-	Growth	8,732,394.00	7,643,966.77	1,088,427.23	Favourable variance was a result of reduced property, utility and engineering costs. Property acquisition costs benefitted from an adequate negotiation period resulting from completion of EA and property needs well before construction dates. A portion of utility relocations were avoided due to extensive determination of private utility depths with investigation test holes. The consultant fees were also less than budgeted due to a competitive industry.		226,510.82		861,916.41		

Project	Classification	Approved Budget	Actual	Surplus / (Deficit)	Comments (For Variance Greater Than \$50,000)	Funding To Be Returned / (Required)					
						Rate Supported			Non-Rate		
						Capital Levy	Debt	Reserve Fund	Reserve Fund	Debt	Other
TS1493 OXFORD ST WIDENING	Growth	9,431,901.00	8,689,530.46	742,370.54	Favourable variance due to proactive consultant management and utility relocation.		224,264.73		518,105.81		
TS1264-15 RURAL INTERSECTION	Growth	12,412.00	12,412.18	(0.18)					(0.18)		
TS1739-15 CYCLING FACILITIES	Growth	661,036.00	661,036.12	(0.12)		(0.12)					
GG1721-4 NEW ECONOMY-WW TECHNOLOGY	Service Improvement	300,000.00	41,351.00	258,649.00	Project scope was scaled back thereby reducing the cost.			258,649.00			
GG1730RFP RFP CONSULTANT ASSIGNMENT-CBRE	Service Improvement	150,000.00	118,901.78	31,098.22		31,098.22					
PD2165-11 2011 CIVIC SPACES	Service Improvement	170,272.00	159,675.73	10,596.27		10,596.27					
PP1031 INTERACTIVE TRAINING &	Service Improvement	172,322.00	172,322.54	(0.54)				(0.54)			
PP1091 REPLACEMENT & RELOCATION OF FIRE TRAINING TOWER	Service Improvement	772,000.00	765,885.34	6,114.66		6,114.66					
PP4380 LIVE SCAN FINGERPRINTING	Service Improvement	418,000.00	418,949.19	(949.19)		(949.19)					
MU118016 BUS EXPANSION EXISTING	Service Improvement	275,100.00	275,100.00	-							
TS2705 ROADWAY MTCE ADD'L VEHICLES	Service Improvement	70,000.00	68,488.58	1,511.42		1,511.42					
TS1137 CLARKE ROAD REALIGNMENT	Service Improvement	250,000.00	-	250,000.00	Project external funder not interested in proceeding.						250,000.00
TS6217-14 FACILITY ENERGY MANAGEMENT	Service Improvement	230,476.00	230,475.71	0.29				0.29			
PP2045 SHERWOOD FOREST SCHOOL PURCHAS	Service Improvement	1,518,401.00	1,555,309.56	(36,908.56)				(36,908.56)			
PP2046 PURCHASE LORNE AVE SCHOOL	Service Improvement	600,000.00	575,396.50	24,603.50				24,603.50			
GGSERVLN1403 PHASE 2 CUSTOMER RELATIONSHIP	Service Improvement	205,698.00	205,697.82	0.18				0.18			
GGSERVLN1601 CUSTOMER RELATIONSHIP MGMNT	Service Improvement	177,277.00	177,277.44	(0.44)			(0.44)				
GG1060 PAYMENT MANAGER	Service Improvement	126,585.00	126,584.64	0.36		0.36					
TOTAL TAX SUPPORTED		83,575,792.00	79,374,540.00	4,201,252.00		87,341.06	611,080.79	1,539,160.85	2,129,563.41	-	(165,894.11)
WASTEWATER & TREATMENT											
ES3010 FLOODING TASK FORCE FINANCIAL SUPPORT	Life Cycle Renewal	622,365.00	612,532.19	9,832.81				9,832.81			
ES1825-15 SEWER VIDEO INSPECTION (CCTV)	Life Cycle Renewal	704,846.00	704,846.05	(0.05)				(0.05)			
ES2414-11 2011 SEWER REPL PROG	Life Cycle Renewal	8,943,105.00	8,943,105.39	(0.39)				(0.39)			
ES2693-14 2014 SPECIALIZED SEWER REPAIRS	Life Cycle Renewal	5,222,092.00	5,222,091.60	0.40				0.40			
ES252316 SEWER CONSTRUCTION, EXTENSIONS	Life Cycle Renewal	800,000.00	799,992.51	7.49				7.49			
ES2523-15 SEWER CONSTRUCTION, EXTENSIONS	Life Cycle Renewal	838,649.00	838,649.00	-							
ES2532-14 2014 SWMF REMEDIATION PROGRAM	Life Cycle Renewal	629,180.00	629,179.94	0.06				0.06			
ES5084-11 2011 REPL EQUIPMENT PCP	Life Cycle Renewal	2,971,757.00	2,965,987.97	5,769.03				5,769.03			
ES4822 GLANWORTH MUNICIPAL DRAIN REPAIRS	Life Cycle Renewal	499,674.00	462,277.48	37,396.52				37,396.52			
ES3088 WONDERLAND-DINGMAN PUMPING	Growth	12,350,171.00	12,350,171.01	(0.01)				(0.01)			
ES1807 MAJOR STORM SEWERS	Growth	600,000.00	165,831.32	434,168.68	Favourable variance due to less construction of DC storm sewers than anticipated.			17,884.00	416,284.68		
ES3020-OV2 SWM FACILITY-OLD VICTORIA NO 2	Growth	1,916,700.00	1,434,576.33	482,123.67	Project completed as planned. The cost savings are due to the use of creative stormwater controls throughout the subdivision that led to a reduction in the size (and cost) of the stormwater pond.			19,860.08	368,116.59	94,147.00	
ES2497 FLOOD CONTROL AND PROTECTION	Service Improvement	115,000.00	91,144.05	23,855.95				23,855.95			
ES209216 SUMP PUMP GRANT PROGRAM	Service Improvement	181,223.00	181,223.11	(0.11)				(0.11)			
ES2464-11 2011 SEPARATION & CSO PROG	Service Improvement	2,722,051.00	2,722,050.62	0.38				0.38			
ES2464-13 2013 COMBINED SEWER SEPARATION	Service Improvement	2,685,761.00	2,685,760.79	0.21				0.21			
ES5164 2009 NEW EQUIPMENT PCP	Service Improvement	3,683,731.00	3,683,731.50	(0.50)				(0.50)			
ES5165-11 2011 NEW EQUIPMENT PCP	Service Improvement	2,156,555.00	2,156,554.66	0.34				0.34			

Project	Classification	Approved Budget	Actual	Surplus / (Deficit)	Comments (For Variance Greater Than \$50,000)	Funding To Be Returned / (Required)					
						Rate Supported			Non-Rate		
						Capital Levy	Debt	Reserve Fund	Reserve Fund	Debt	Other
ES5165-12 2012 NEW EQUIPMENT WWTP	Service Improvement	758,714.00	737,484.32	21,229.68				21,229.68			
ES5165-14 2014 NEW EQUIPMENT WWTP	Service Improvement	300,861.00	300,861.46	(0.46)				(0.46)			
ES2470 ADOPTION OF CLIMATE CHANGES	Service Improvement	1,300,000.00	1,248,749.14	51,250.86	Work completed as planned with full contingency not required.			51,250.86			
GG1723 THAMES RIVER REACH STUDY	Service Improvement	201,373.00	183,066.36	18,306.64				18,306.64			
TOTAL WASTEWATER & TREATMENT		50,203,808.00	49,119,866.80	1,083,941.20		-	-	205,392.93	784,401.27	94,147.00	-
WATER											
EW3717-13 2013 INSPCT TRUNK CONCRETE	Life Cycle Renewal	314,073.00	314,073.82	(0.82)				(0.82)			
EW3717-14 2014 INSPECT TRUNK CONCRETE	Life Cycle Renewal	1,519,393.00	1,519,393.29	(0.29)				(0.29)			
EW3717-15 INSPECT TRUNK CONCRETE	Life Cycle Renewal	693,113.00	693,112.59	0.41				0.41			
EW3754-11 2011 ABANDONED WELLS	Life Cycle Renewal	193,997.00	193,997.44	(0.44)				(0.44)			
EW3765-13 2013 MAIN REPLACEMENT	Life Cycle Renewal	6,219,331.00	6,219,330.94	0.06				0.06			
EW3787-14 2014 MN REP WITH MJR RDWRKS	Life Cycle Renewal	2,643,466.00	2,643,466.07	(0.07)				(0.07)			
EW1502 SCADA MASTER PLAN INTEGRATION	Life Cycle Renewal	150,000.00	68,598.06	81,401.94	All SCADA Integration has been completed on various booster stations. Favourable pricing was received.			81,401.94			
EW3312 WATER DISTRIBUTION SYSTEM	Growth	310,000.00	162,364.67	147,635.33	This budget supported the 2009 and 2014 Development Charge Background Study Master Plans. Project is significantly under budget due to highly competitive consultant appointment.			29,094.33	118,541.00		
EW3595 HYDE PARK ROAD FEEDER	Growth	2,717,001.00	2,414,220.95	302,780.05	Favourable balance is due to a competitive contracting value and lack of the full use of contingency value.			199,952.05	102,828.00		
EW3543 SOUTHDALE WEST MAIN REPLACEMNT	Service Improvement	1,055,000.00	986,212.46	68,787.54	Full project contingency not required.			68,787.54			
EW3626 DINGMAN DRIVE NEW WATERMAIN	Service Improvement	300,000.00	-	300,000.00	This project was originally scheduled to meet growth and servicing demands. Due to the long term decline of overall water demand, project will be reconsidered in the 2019 Development Charge Background Study.			300,000.00			
TOTAL WATER		16,115,374.00	15,214,770.29	900,603.71		-	-	679,234.71	221,369.00	-	-
GRAND TOTAL		149,894,974.00	143,709,177.09	6,185,796.91		87,341.06	611,080.79	2,423,788.49	3,135,333.68	94,147.00	(165,894.11)

Notes:

- 1) The total budget of \$7.5 million for the Bus Purchase Replacement program represents \$5.7 million funded by the City and \$1.8 million funding from Provincial Gas Tax.
- 2) The total budget for the LTC Existing Facility Upgrade is \$500,000 of which \$300,000 is funded by the City and \$200,000 from Provincial Gas Tax.
- 3) This project was to be funded by the developer who is no longer interested in proceeding with the Clarke Road Realignment.