

TO:	CHAIR AND MEMBERS CORPORATE SERVICES COMMITTEE MEETING ON APRIL 17, 2018
FROM:	ANNA LISA BARBON MANAGING DIRECTOR, CORPORATE SERVICES AND CITY TREASURER, CHIEF FINANCIAL OFFICER
SUBJECT:	2017 YEAR-END CAPITAL MONITORING REPORT

RECOMMENDATION

That on the recommendation of the Managing Director, Corporate Services and City Treasurer, Chief Financial Officer:

- a) the 2017 Year-End Capital Monitoring Report **BE RECEIVED** for information, it being noted that the life-to-date capital budget represents \$1.7 billion with \$1.2 billion committed and \$0.5 billion uncommitted; it being further noted that the City Treasurer, or designate, will undertake the housekeeping adjustments identified in the Report, in accordance with the Multi-Year Budget Policy adopted by By-law No. CPOL.-45-241;
- b) the status updates of active 2014 life-to-date capital budgets (2014 and prior) having no future budget requests, attached as Appendix "B", **BE RECEIVED** for information;
- c) the following actions be taken with respect to the completed Capital Projects identified in Appendix "C", which have a total of \$5.0 million of net surplus funding:
 - i) the Capital Projects included in Appendix "C" **BE CLOSED**;
 - ii) the following actions be taken with respect to the funding associated with the Capital Projects approved for closure in c) i), above:

Rate Supported

- A) pay-as-you-go funding of \$83,918 **BE TRANSFERRED** to the capital receipts account;
- B) authorized debt financing of \$31,872 **BE RELEASED** resulting in a reduction of authorized, but unissued debt;
- C) uncommitted reserve fund drawdowns of \$3,183,127 **BE RELEASED** from the reserve funds which originally funded the projects;

Non-Rate Supported

- D) uncommitted reserve fund drawdowns of \$1,017,413 **BE RELEASED** from the reserve funds which originally funded the projects;
- E) other net non-rate supported funding sources of \$704,830 **BE ADJUSTED** in order to facilitate project closings.

PREVIOUS REPORTS PERTINENT TO THIS MATTER
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Corporate Services Committee, March 28, 2017 meeting, Agenda Item # 5, 2016 Compliance Report In Accordance With The Procurement of Goods and Services Policy

Strategic Priorities and Policy Committee, May 15, 2017 meeting, Agenda # 3, Capital Budget and Financing Policy

Civic Works Committee, May 24, 2017 meeting, Agenda Item # 7, Infrastructure Canada – Phase One Investments Public Transit Infrastructure Fund – Approved Projects

Civic Works Committee, June 7, 2017 meeting, Agenda Item # 16, Infrastructure Canada – Phase One Investments Clean Water & Wastewater Fund – Approved Projects

Corporate Services Committee, September 26, 2017 meeting, Agenda Item # 4, 2017 Life-To-Date Capital Budget – 2017 Mid-Year Capital Monitoring Report

LINK TO 2015-2019 STRATEGIC PLAN

Council’s 2015-2019 Strategic Plan for the City of London identifies “Leading in Public Service” as one of four strategic areas of focus. The Capital Monitoring Report supports this strategic area of focus by contributing towards the strategic priority “Proactive financial management”. The “Proactive financial management” strategic priority involves, among other things, making sure that the City’s finances are well planned and that they support intergenerational equity. On a semi-annual basis, through the Capital Monitoring Report process, Civic Administration measures the results achieved against approved budgets, and recommends appropriate adjustments in line with City policies and practices. This exercise ensures the capital budget is continuously updated and reflective of the City’s strategic financial plan.

BACKGROUND

Strong financial management of the capital budget is essential to ensure the budget monitoring processes that are in place demonstrate 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. In addition, the report includes an appendix containing the status of capital projects with budgets greater than three years old that have no future budget requests. This will 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

2017 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 also result from the application of assessment growth funding, receipt of senior government funding and other revenue sources such as 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 Life-To-Date Revisions \$000’s (as of December 31, 2017)

Category	2017 Life-to-Date Approved Budget (as of Jan 1, 2017)	2017 Budget Adjustments ¹		2017 Life-to-Date Approved Budget (as of Dec 31, 2017)
		Council	Administrative	
Tax Supported	\$930,275	\$55,165	\$4,031	\$989,471
Wastewater	\$449,280	\$32,430	\$488	\$482,198
Water	\$196,294	\$7,037	\$0	\$203,331
Total	\$1,575,849	\$94,632	\$4,519	\$1,675,000

(1) Over 70% of the capital budget adjustments made in 2017 relate to Federal Government infrastructure programs, Public Transit Infrastructure Fund and Clean Water & Wastewater Fund.

For the year 2017, there were 204 discrete contract awards worth \$254.6 million (116 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 2017 Year-to-Date \$000's (as of December 31, 2017)

Category	Council Approved Contract Awards		Administration Approved Contract Awards		Total Awards	
	\$ amount	Number	\$ amount	Number	\$ amount	Number
Tax Supported	\$105,290		\$30,306		\$135,596	
Wastewater	\$65,724		\$19,104		\$84,828	
Water	\$26,171		\$8,002		\$34,173	
Total	\$197,185	116	\$57,412	88	\$254,597	204

2017 LIFE-TO-DATE CAPITAL BUDGET STATUS

A summary of the 2017 life-to-date capital budget, including the amount that is committed spending and the amount that is uncommitted spending 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 3 projects projected at this time to be over budget by more than \$50 thousand upon project completion (Table 4).

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”.

Table 3 - 2017 Approved Life-To-Date Capital Budget & Activity

Category	2017 Life-to-Date (as of December 31, 2017) (\$000's)			Percent Committed
	Approved Budget ¹	Actuals & Commitments (Purchase Orders) ²	Uncommitted To-Date ²	
TAX SUPPORTED				
Lifecycle Renewal	310,186	252,940	57,246	81.5%
Growth	429,983	218,405	211,578	50.8%
Service Improvement	249,302	197,738	51,564	79.3%
TOTAL TAX SUPPORTED	989,471	669,083	320,388	67.6%
WASTEWATER				
Lifecycle Renewal	149,092	123,396	25,696	82.8%
Growth	217,316	135,835	81,481	62.5%
Service Improvement	115,790	93,655	22,135	80.9%
TOTAL WASTEWATER	482,198	352,886	129,312	73.2%
WATER				
Lifecycle Renewal	122,048	101,148	20,900	82.9%
Growth	73,465	60,357	13,108	82.2%
Service Improvement	7,818	4,112	3,706	52.6%
TOTAL WATER	203,331	165,617	37,714	81.5%
GRAND TOTAL	1,675,000	1,187,586	487,414	
% of Total		70.9%	29.1%	

* Amounts reported are subject to year-end audit and associated adjustments.

(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.

Table 4 – Capital Projects Projected To Be Over Budget By More Than \$50 Thousand

Project	Approved Budget	Committed	Uncommitted
ES2204 – Colonel Talbot Pumping Station	\$6,100,000	\$641,614	\$5,458,386
Project is in design and early construction stages. Current estimates of project costs show risks of being over budget. Civic Administration is working to identify possible cost savings prior to quantifying any potential financial impact.			
ES3097 – Vauxhall and Pottersburg	\$6,000,000	\$603,929	\$5,396,071
The Environmental Assessment (EA) for this project is complete. Currently the project is in the design phase and technical challenges have been identified which will increase the cost of construction for the hydraulic interconnection between Vauxhall and Pottersburg Wastewater Treatment Plants. The construction is expected to commence in 2018.			
RC2758 – South East Multi-Purpose Recreation Centre	\$8,630,782	\$1,558,305	\$7,072,477
Additional funding will be required to replace the funding transferred to RC2756 – East Multi-Purpose Recreation Centre to address the funding shortfall within the project (amount transferred was \$3.8 million). The additional funding for RC2758 will likely be a combination of surplus from RC2755 – South West Recreation Centre and a new budget request through the 2020-2023 multi-year budget if necessary.			

CAPITAL BUDGET HOUSEKEEPING ADJUSTMENTS

On May 12, 2015, Council approved a Multi-Year Budget Policy. Included in the policy is authorization for the City Treasurer or designate to make adjustments considered “housekeeping” in nature. These adjustments do not have a material impact on the capital plan. Reporting housekeeping budget adjustments through the budget monitoring process, which occurs twice per year, allows more timely disclosure of capital budget adjustments to Council and the community, better reflects operational requirements and keeps the capital budget in a more current state.

The following housekeeping budget adjustments will be processed:

1. Capital project EW3580 (Huron Street River Crossing Remedial Work) was established to provide funding to replace the existing 600mm trunk watermain under Thames River between Huron Street and Philip Aziz Avenue by means of underground horizontal directional drilling at a greater depth to protect the watermain from future erosion. The existing watermain will remain in place until 2020 when the new one is shown to be operating properly. Currently, this capital project has a budget of \$3.8 million with \$1.1 million in uncommitted funding. The project is significantly under budget due to a favourable tender result caused by an extremely competitive marketplace at the time of the tender award.

Action: Surplus funding of \$1.1 million from capital project EW3580 be returned to the Waterworks Reserve Fund (the Fund) to be used for other City initiatives that fall within the Fund’s mandate, it being noted that this capital project will remain open due to ongoing work within the project supported by future period Sources of Financing.

2. Capital project EW3526 (Arva Pumping Station) was established to undertake major pump and valve maintenance and upgrade work. Currently, this capital project has a budget of \$3.0 million with \$1.2 million in uncommitted funding. The surplus within the capital project is a result of work not required as the forecasted increase in demand at the Arva Pumping Station has not fully materialized.

Action: Surplus funding of \$1.2 million from capital project EW3526 be returned to the Waterworks Reserve Fund (the Fund) to be used for other City initiatives that fall within the Fund’s mandate, it being noted that this capital project will remain open in order to track and fund future lifecycle renewal requirements. Future work will be supported by future period Sources of Financing.

3. Capital project EW3528 (Drinking Water Quality) was established in compliance with the Safe Drinking Water Act and the Drinking Water Quality Management Standard, which require the City, as the operating authority, to maintain a quality management system, including internal and external auditing.

Currently, this capital project has a budget of \$250 thousand with \$146 thousand in uncommitted funding. The use of internal staff for parts of the audit and efficiencies identified for the audit process allowed the savings within the capital project.

Action: Surplus funding of \$146 thousand from capital project EW3528 be allocated to the Waterworks Reserve Fund (the Fund) to be used for other City initiatives that fall within the Fund’s mandate, it being noted that this capital project will remain open in order to track and fund future legislated requirements. Future work will be supported by future period Sources of Financing.

- Capital project EW3692 (Medway – Wonderland Road Trunk Watermains) is a project to support new growth customers in the area of North London. Currently, this capital project has a budget of \$100 thousand with \$100 thousand in uncommitted funding. The entire life-to-date capital budget remains uncommitted as the development need for the project has not yet been realized; the timing of the project will be reevaluated during the 2019 Development Charges background study.

Action: Surplus funding of \$100 thousand from capital project EW3692 be returned to its original funding sources as follows: \$94.6 thousand to City Services Water Reserve Fund, \$4 thousand to Water Industrial Oversizing Reserve Fund, and \$1.4 thousand to Waterworks Reserve Fund, it being noted that this capital project will remain open due to ongoing work within the project supported by future period Sources of Financing.

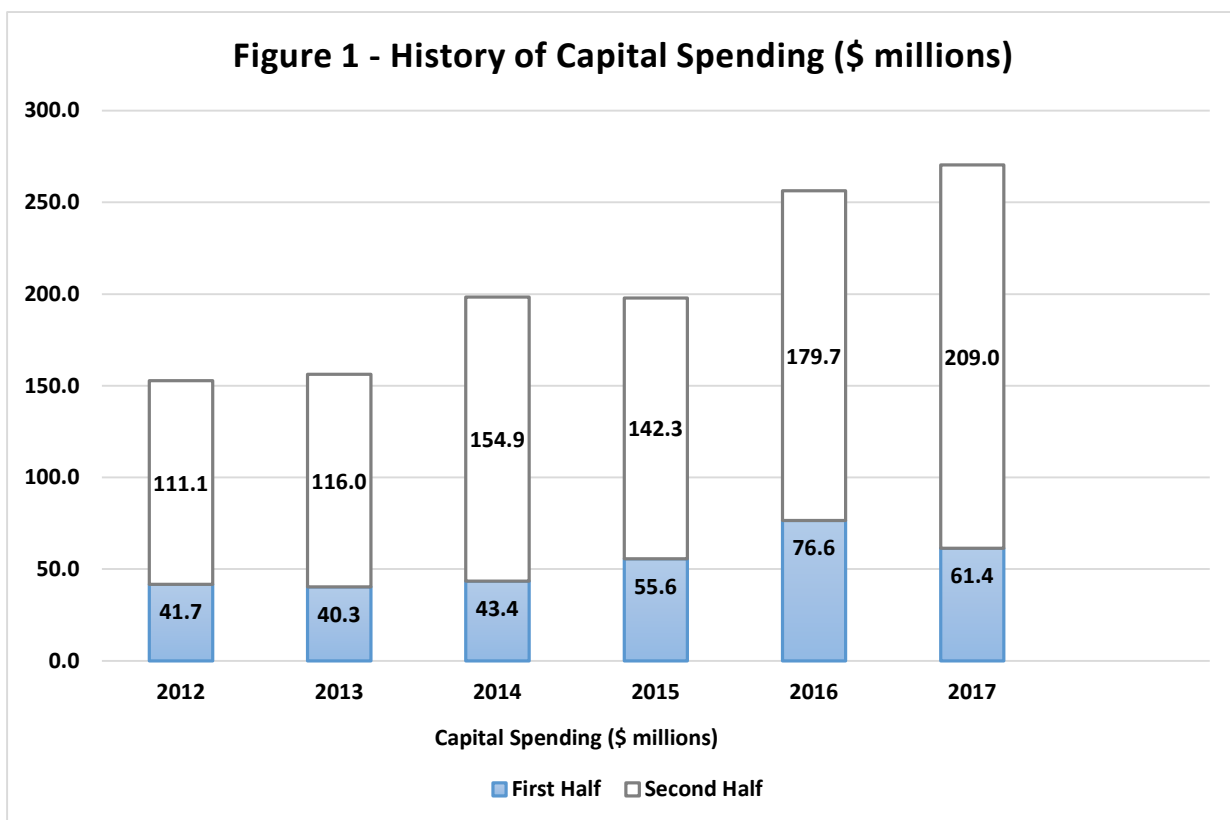
CAPITAL CASH FLOW

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 2017, the total **capital spending** was **\$270.4 million** compared to \$256.3 million in 2016 (Figure 1). These amounts represent capital spending for the Tax Supported Budget, Water Rate Supported Budget and Wastewater & Treatment Rate Supported Budget.

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



COMPLETED (CLOSED) CAPITAL PROJECTS

Civic Administration continues to undertake and intensify a review to close old outstanding projects. This report recommends closing 49 projects with a total budget value of \$43.5 million. The completed projects that are being recommended to be closed were under budget by \$5.0 million in total. This is in addition to the 47 projects with a total budget of \$74.5 million and surplus of \$7.1 million identified for closure in the 2017 Mid-Year Capital Monitoring Report.

The impact of closing the recommended completed projects for the Year-End Capital Monitoring Report is summarized in Table 5. For a detailed listing of each closed capital project refer to Appendix "C".

Table 5 – 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	83.9	31.9	12.2	21.6	0.0	(91.2)	58.4
Wastewater	0.0	0.0	1,186.7	0.0	0.0	796.0	1,982.7
Water	0.0	0.0	1,984.2	995.8	0.0	0.0	2,980.0
TOTAL	83.9	31.9	3,183.1	1,017.4	0.0	704.8	5,021.1

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

(2) Represents non-City funding sources such as proceeds from external contributors.

The capital closing exercise released uncommitted reserve fund drawdowns of \$4.2 million to the reserve funds outlined in Table 6.

Table 6 - Reserve Funds Impacted by Recommended Account Closing

\$000's			
Tax/Rate Supported		Non-Rate Supported	
Community Investment Reserve Fund	0.1	City Services Reserve Fund (CSRF) - Parks & Recreation	5.5
Fire Vehicle & Equipment Reserve Fund	(0.6)	CSRF - Growth Studies	27.8
Operating Budget Contingency Reserve	1.9	CSRF - Water	979.0
Animal Welfare Benefit Reserve	10.7	Federal Gas Tax Reserve Fund	5.1
Sewage Works Reserve Fund	1,186.7		
Waterworks Reserve Fund	1,984.3		
Subtotal Tax/Rate Supported	3,183.1	Subtotal Non-Rate Supported	1,017.4
Total All Reserves & Reserve Funds			4,200.5

NOTE: The Sump Pump, Sewage Ejector and Storm PDC Grant Reserve Fund and Sanitary Landfill Reserve Fund has 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 and Council approved Capital Budget and Financing Policy, as follows:

STRATEGY	TARGET ¹	WHERE ARE WE? ¹				
LIFECYCLE CAPITAL PROJECTS FUNDED PRIMARILY FROM CAPITAL LEVY						
Capital levy (pay-as-you-go) is the primary source	40% - 90% Capital Levy (pay-as-you-go)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%; text-align: center;">2017</th> <th style="width: 50%; text-align: center;">2022</th> </tr> <tr> <td style="text-align: center;">57%</td> <td style="text-align: center;">68%</td> </tr> </table>	2017	2022	57%	68%
2017	2022					
57%	68%					
Reserve funds can be used if they are eligible	10% - 40% Reserve Funds	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%; text-align: center;">2017</th> <th style="width: 50%; text-align: center;">2022</th> </tr> <tr> <td style="text-align: center;">37%</td> <td style="text-align: center;">30%</td> </tr> </table>	2017	2022	37%	30%
2017	2022					
37%	30%					
Avoiding the use of debt financing for lifecycle renewal projects	0% Debt by 2022	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%; text-align: center;">2017</th> <th style="width: 50%; text-align: center;">2022</th> </tr> <tr> <td style="text-align: center;">6%</td> <td style="text-align: center;">2% ²</td> </tr> </table>	2017	2022	6%	2% ²
2017	2022					
6%	2% ²					

(1) Targets apply to the tax/rate supported component only. Non-tax/rate funding (e.g. Federal gas tax, one-time senior government funding) fluctuates based on project mix and program guidelines, beyond control of Administration.

(2) It is Civic Administration goal to eliminate the 2% of debt financing presently contained within the 2022 Lifecycle Renewal capital budget by applying financial management strategies included in the Council approved Capital Budget and Financing Policy.

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.

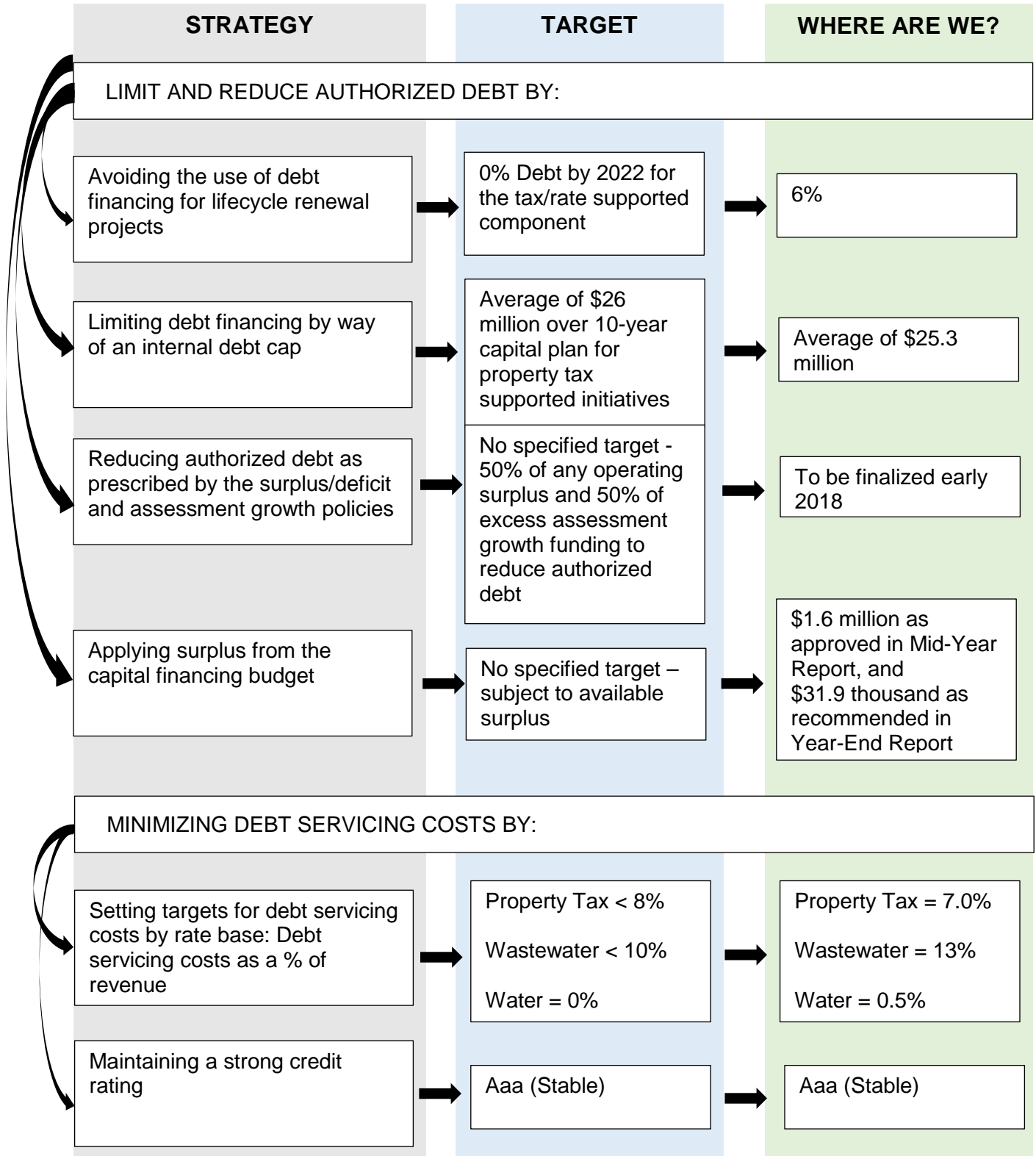
Much of the recent focus has been on the Capital Asset Renewal and Replacement category; funds that address the infrastructure gap. In 2013, the Corporate Asset Management (CAM) division identified an infrastructure gap of \$52.1 million with the infrastructure gap projected to grow to \$466.1 million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

In January 2018, the Corporate Asset Management Plan (AMP) 2017 Review noted improvements to the Transportation infrastructure gap. In comparison to the baseline established by the 2014 Corporate AMP; the projected future infrastructure gap in Transportation has decreased 25.5%.

In order to help mitigate growth in the infrastructure gap, in 2015, Council approved a strategic investment business case (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 one-time 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.



A summary of the projected debt levels for 2017 is detailed in Table 7.

Table 7 - Debt Level for 2017 (\$ millions)

	Dec 31, 2016	Issued in 2017	Retired in 2017	Dec 31, 2017 (A)	Authorized 2017	Total Potential
General Property Taxes	170.9	22.5	28.6	164.8	104.9	269.7
Wastewater	61.9	2.2	8.6	55.5	10.8	66.3
Water	1.8	-	0.3	1.5	0.3	1.80
Rate Supported Reserve Funds	22.9	-	4.1	18.8	8.5	27.3
Subtotal	257.5	24.7	41.6	240.6	124.5	365.1
Joint Water Boards - City's Share	16.9	2.9	2.3	17.5	8.3	25.8
City Services Reserve Funds	38.0	11.3	5.4	43.9	158.8	202.7
Total Debt Level	312.4	38.9	49.3	302.0	291.6	593.6

Note A: Outstanding debt level is subject to completion of 2017 financial statement audit.

EMERGING ISSUES

The list below provides information on emerging issues that may impact the capital budget in 2018 and beyond.

Emerging Issue	Likelihood Of Emerging Issue Impacting 2018-2019 Budget ⁽¹⁾												
<p>Rapid Transit - The 2016 – 2019 Multi-Year Budget and ten year capital plan includes a number of projects that together fund a Rapid Transit initiative of approximately \$500 million. This is the revised total as amended with the 2018 Annual Budget Update.</p> <table style="margin-left: 40px;"> <tr> <td>Revised Rapid Transit Budget</td> <td>(\$ millions)</td> </tr> <tr> <td>Municipal Contribution:</td> <td></td> </tr> <tr> <td> Tax Supported</td> <td>\$ 12</td> </tr> <tr> <td> Development Charges</td> <td>\$118</td> </tr> <tr> <td>Other Levels of Government</td> <td><u>\$370</u></td> </tr> <tr> <td>Total</td> <td>\$500</td> </tr> </table> <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 consultant's review of this issue is projected to be complete by mid to late 2018.</p> <p>On January 13, 2018, after a substantial review of the Bus Rapid Transit (BRT) business case, the Province of Ontario committed up to \$170 million for London's BRT initiative. The City of London has received an Agreement in Principle from the province which spells out the high level details of how the provincial investment can be used to advance the BRT initiative.</p> <p>On March 14, 2018, the Governments of Canada and Ontario announced the finalization of their bilateral agreement on the Investing in Canada Plan. Included in the agreement is the expectation that the Province of Ontario will fund a minimum of 33.33% of any municipal project, alongside up to 40% of project costs from the federal government. Distribution of these funds to municipalities and transit systems is based solely on transit ridership, which resulted in an allocation of \$204.9 million of federal funding for London.</p> <p>The majority of London's allocation will be applied to the implementation of London's BRT initiative. Once London's projects have been submitted by the province to the federal government, the formal review by federal officials at Infrastructure Canada can commence. Civic Administration will continue to work in partnership with the London Transit Commission and others to complete all applications and file all reports as necessary.</p>	Revised Rapid Transit Budget	(\$ millions)	Municipal Contribution:		Tax Supported	\$ 12	Development Charges	\$118	Other Levels of Government	<u>\$370</u>	Total	\$500	High
Revised Rapid Transit Budget	(\$ millions)												
Municipal Contribution:													
Tax Supported	\$ 12												
Development Charges	\$118												
Other Levels of Government	<u>\$370</u>												
Total	\$500												

<p>Infrastructure Funding – On March 14, 2018, the Governments of Canada and Ontario announced the finalization of their bilateral agreement on the Investing in Canada Plan – unlocking \$10.4 billion for Ontario over the next decade. These investments will be organized under the following four funding streams:</p> <table border="0"> <thead> <tr> <th style="text-align: left;">Federal Investing in Canada Plan</th> <th style="text-align: right;">(\$ billions)</th> </tr> </thead> <tbody> <tr> <td>Public Transit</td> <td style="text-align: right;">\$7.5</td> </tr> <tr> <td>Green Infrastructure</td> <td style="text-align: right;">\$2.2</td> </tr> <tr> <td>Community, Culture and Recreation Infrastructure</td> <td style="text-align: right;">\$0.4</td> </tr> <tr> <td>Rural and Northern Communities Infrastructure</td> <td style="text-align: right;"><u>\$0.3</u></td> </tr> <tr> <td>Total</td> <td style="text-align: right;">\$10.4</td> </tr> </tbody> </table> <p>Federal investments under the Public Transit stream will go toward improving the capacity, quality, safety of and access to public transit infrastructure, similar to the Public Transit Infrastructure Fund (PTIF). Most importantly, the Public Transit Stream includes a 10 year commitment of long-term, predictable funding that enables longer-term planning with a much higher level of certainty for municipalities.</p> <p>Central to this new stream is the requirement for Ontario to develop an Infrastructure Plan, which provinces will need to submit to the federal government by September 30, 2018. Soon afterwards, the Province of Ontario is expected to release additional details on how it will collect project lists from municipalities in Ontario. Municipal projects will be compiled into Ontario's Infrastructure Plan required to begin federal review on projects.</p> <p>Other Provincial programs such as the Ontario Municipal Commuter Cycling Program, the Main Street Revitalization Fund and the Ontario Community Environment Fund may also impact the 10 year capital plan.</p>	Federal Investing in Canada Plan	(\$ billions)	Public Transit	\$7.5	Green Infrastructure	\$2.2	Community, Culture and Recreation Infrastructure	\$0.4	Rural and Northern Communities Infrastructure	<u>\$0.3</u>	Total	\$10.4	High
Federal Investing in Canada Plan	(\$ billions)												
Public Transit	\$7.5												
Green Infrastructure	\$2.2												
Community, Culture and Recreation Infrastructure	\$0.4												
Rural and Northern Communities Infrastructure	<u>\$0.3</u>												
Total	\$10.4												

(1) Definition of Likelihood:

High – the likelihood of the issue impacting the 2018-2019 period is predicted to be greater than 60%.

Medium – the likelihood of the issue impacting the 2018-2019 period is predicted to be between 30% to 60%.

Low – the likelihood of the issue impacting the 2018-2019 period is predicted to be less than 30%.

CONCLUSION

Key items included in the 2017 Year-End Capital Monitoring Report include the following:

- The 2017 life-to-date capital budget:
 - \$1,187.6 million (71%) of the \$1,675.0 million 2017 life-to-date capital budget is committed, leaving \$487.4 million (29%) of approved capital funding uncommitted.
 - 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”.
- A total of 49 completed capital projects with a total budget value of \$43.5 million and surplus of \$5.0 million are recommended to be closed with surplus funding returned back to the original source of funding (Appendix “C”).
- Emerging issues were identified that may impact the capital budget in 2018 and beyond. In January 2018, the \$500 million Bus Rapid Transit (BRT) project received a commitment of \$170 million from the Province. In March 2018, the Federal government allocated \$205 million to London for public transit initiatives. The majority of this allocation will be applied to London’s BRT initiative, subject to formal review and approval by Infrastructure Canada. The remaining \$130 million is the municipal contribution. New provincial legislation on development charges (DC’s) may change the portion that can be supported by DC’s. A consultant’s review on this issue is projected to be complete by mid to late 2018. Beyond BRT, the governments of Canada and Ontario agreed to \$10.4 billion of funding over the next 10 years, primarily for public transit and green infrastructure. It is anticipated that later in 2018, the Province will collect project lists from municipalities to submit for federal review and approval.

Acknowledgements

This report was prepared with significant contributions from the City’s Business Administration teams, project managers from across the corporation, Government Relations and Alan Dunbar, Manager III, and Marta Semeniuk, Capital Budget Officer, in Financial Planning & Policy.

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 Alan Dunbar – Manager III, Financial Planning & Policy
 John Millson – Senior Financial Business Administrator
 Kyle Murray – Senior Financial Business Administrator
 Marta Semeniuk – Capital Budget Officer

Appendix A - 2017 Capital Budget Activity (Year-To-Date December 31, 2017)

SOF #	Date of Committee Award	Service	Project	Awarded Amount	Budget Adjustments Required
Council Awards					
16002	8-Jun	Financial Management	BMO Expansion Funding	800,000	800,000
17001	10-Jan	Water	Huron Street River Crossing Remedial Work	35,616	
17002	10-Jan	Water	Arva Huron Pipeline Replacement - Chamber Upgrades and Pipe Replacement	898,867	
17003	10-Jan	Transportation Services	Appointment of Consultant for Queens Ave. and Colborne St. Cycletracks	474,357	
17004	10-Jan	Transportation Services	Southdale Rd West Environmental Assessment	314,443	
17005	10-Jan	Transportation Services	Western Road Widening Project - Platts Lane to Oxford Street	138,850	
17006	10-Jan	Wastewater & Treatment	Stormwater Servicing Municipal Class EA for Huron Industrial Area - Industrial Land Stormwater Management Servicing	34,725	
17007	10-Jan	Parks, Rec & Neigh. Serv.	Ontario Municipal Cycling Infrastructure Program (OMCIP) - Maintain Thames Valley Pathway	158,892	325,000
17008	7-Feb	Wastewater & Treatment	Tributary "C" Stormwater Management Facilities A, F & G	7,400,470	
17009	21-Feb	Water	Sole Source Award - Acoustic Fiber Optic Monitoring Contract - CPP AFO Monitoring Program	153,578	
17010	21-Feb	Water	Southeast Pumping Station and Reservoir	895,488	
17011	10-Jan	Social & Health Services	Leasehold Improvements Update - Citi Plaza - OW Decentralization	283,708	
17012	21-Feb	Transportation Services	Transportation Energy Optimization Plan - LED Street Light Upgrade Phase 2	4,105,849	4,105,849
17013	24-Jan	Wastewater & Treatment	Dingman Creek Stormwater Management Facility - Dingman On-Line SWM Flood Control Facility	466,645	
17014	23-Feb	Social & Health Services	London's Homeless Prevention System - Youth Emergency Shelter	1,200,000	
17015	7-Feb	Transportation Services	Dundas Place - Dundas Flexible Street	1,393,603	
17017	10-Feb	Wastewater & Treatment	Fox Hollow Stormwater Facility #3 and Trunk Sanitary Sewer Construction Phase 2	4,134,567	
17018	21-Feb	Transportation Services	2017 Infrastructure Renewal Program Dundas Street Reconstruction Project	1,050,169	
17018	21-Feb	Wastewater & Treatment	2017 Infrastructure Renewal Program Dundas Street Reconstruction Project	5,512,467	694,595
17018	21-Feb	Water	2017 Infrastructure Renewal Program Dundas Street Reconstruction Project	1,934,756	
17020	7-Mar	Water	2017 Watermain Cleaning and Structural Lining	5,534,120	
17021	7-Feb	Culture Services	Canada 150 London - Celebration and Promotion	170,000	145,000
17022	21-Feb	Transportation Services	Wonderland Road Widening PH1	850,919	
17023	6-Feb	Parks, Rec & Neigh. Serv.	Improvement of Main Trail at Westminster Ponds	69,992	
17028	21-Feb	Planning & Development Serv.	Master Plan EA Appointment of Consultant - Back to the River	885,335	
17034	7-Mar	Transportation Services	2017 Infrastructure Renewal Program Base Line Road E., Sylvan St., Balderstone Ave., Percy St. Reconstruction Project - Road Network Improvements (Local & Rural)	410,000	
17034	7-Mar	Wastewater & Treatment	2017 Infrastructure Renewal Program Base Line Road E., Sylvan St., Balderstone Ave., Percy St. Reconstruction Project - Combined Sewer Separation	3,218,105	31,200
17034	7-Mar	Water	2017 Infrastructure Renewal Program Base Line Road E., Sylvan St., Balderstone Ave., Percy St. Reconstruction Project - Main Replacement with Major Roadworks	1,104,358	
17036	27-Mar	Transportation Services	Veterans Memorial Parkway Resurfacing - Gore Road to Oxford St. E.	6,159,316	125,165
17037	27-Mar	Wastewater & Treatment	Contract Administration Services Associated with the Construction of 2017 Infrastructure Renewal Projects	464,194	
17037	27-Mar	Water	Contract Administration Services Associated with the Construction of 2017 Infrastructure Renewal Projects	360,745	
17040	27-Mar	Wastewater & Treatment	Construction Administration of Old Victoria Stormwater Management Facility No 1 - SWM Facility - Old Victoria No. 1	246,069	
17041	27-Mar	Transportation Services	Sarnia Road Improvements - Phase 3 - Hyde Park Road to Oakcrossing Gate -Sarnia Road Improvements-Hyde Park to Wonderland Road	3,690,617	
17041	27-Mar	Wastewater & Treatment	Sarnia Road Improvements - Phase 3 - Hyde Park Road to Oakcrossing Gate	868,891	
17041	27-Mar	Water	Sarnia Road Improvements - Phase 3 - Hyde Park Road to Oakcrossing Gate	437,106	
17043	27-Mar	Transportation Services	2017 Infrastructure Renewal Program Contract #2 St. George, Cheapside Street & Bridport St.	263,702	
17043	27-Mar	Wastewater & Treatment	2017 Infrastructure Renewal Program Contract #2 St. George, Cheapside Street & Bridport St.	2,007,815	22,000
17043	27-Mar	Water	2017 Infrastructure Renewal Program Contract #2 St. George, Cheapside Street & Bridport St.	1,556,356	
17045	7-Mar	Transportation Services	Settlement Agreement - Expropriation - Hyde Park Widening - Phase 1 Oxford to CP Rail Crossing	366,767	
17046	28-Mar	Protective Services	Lease Assignment and Equipment Purchase - 1021 Wonderland Road S. - Veterinarian Services and Facility	284,400	135,438
17047	28-Mar	Transportation Services	2017 Infrastructure Renewal Program - Byron Baseline Road Reconstruction Project	2,947,024	
17047	28-Mar	Wastewater & Treatment	2017 Infrastructure Renewal Program - Byron Baseline Road Reconstruction Project	239,902	48,000
17047	28-Mar	Water	2017 Infrastructure Renewal Program - Byron Baseline Road Reconstruction Project	3,237,413	
17049	28-Mar	Parks, Rec & Neigh. Serv.	Property Acquisition - Warbler Woods ESA	244,038	244,038
17050	11-Apr	Wastewater & Treatment	Property Acquisition - Old Victoria Stormwater Management Facility No. 1 - Old Victoria No 1	260,622	
17051	11-Apr	Transportation Services	2017 Infrastructure Renewal Program - Balmoral Avenue, Brant Street and Durham Street - Road Network Improvements (Local & Rural)	163,142	
17051	11-Apr	Wastewater & Treatment	2017 Infrastructure Renewal Program - Balmoral Avenue, Brant Street and Durham Street - Combined Sewer Separation	1,969,996	50,000
17051	11-Apr	Water	2017 Infrastructure Renewal Program - Balmoral Avenue, Brant Street and Durham Street -Main Replacement Engineering	1,159,558	
17055	11-Apr	Wastewater & Treatment	Supply & Installation of Sewer Liners - Cured in Place Pipe (CIPP)	4,117,015	
17056	11-Apr	Transportation Services	2019 Transportation Development Charge Background Study - Transportation Development Charge Studies 2019	237,782	

SOF #	Date of Committee Award	Service	Project	Awarded Amount	Budget Adjustments Required
17061	11-Apr	Wastewater & Treatment	Infrastructure Renewal Program Contract 4 - McCormick Area Reconstruction - Sewer Replacement Program	315,456	
17066	9-May	Wastewater & Treatment	Single Source for Pump Replacement at the Wonderland Pumping Station - Pumping Station Improvements	86,823	
17070	9-May	Wastewater & Treatment	Gordon Trunk Sewer Rehabilitation	1,574,267	
17070	9-May	Wastewater & Treatment	Gordon Trunk Sewer Rehabilitation	93,419	
17073	24-Apr	Transportation Services	2017 Infrastructure Renewal Program - Beachwood Avenue Reconstruction Project	457,920	
17073	24-Apr	Wastewater & Treatment	2017 Infrastructure Renewal Program - Beachwood Avenue Reconstruction Project	2,259,244	
17073	24-Apr	Water	2017 Infrastructure Renewal Program - Beachwood Avenue Reconstruction Project	1,628,283	
17074	24-Apr	Transportation Services	Replacement of Sidewalk, Curb & Gutter and Hot Mix Asphalt, Contract #1	3,615,763	
17074	24-Apr	Water	Replacement of Sidewalk, Curb & Gutter and Hot Mix Asphalt, Contract #1	549,016	
17076	24-Apr	Transportation Services	Western Road/ Wharnccliffe Road North Improvements, Phase 1 Canadian Pacific Railway Grade Separation Reconstruction	13,405,275	
17076	24-Apr	Wastewater & Treatment	Western Road/ Wharnccliffe Road North Improvements, Phase 1 Canadian Pacific Railway Grade Separation Reconstruction	238,669	
17076	24-Apr	Water	Western Road/ Wharnccliffe Road North Improvements, Phase 1 Canadian Pacific Railway Grade Separation Reconstruction	481,759	
17082	9-May	Wastewater & Treatment	Contract Administration Services Associated with the Construction of 2017 Infrastructure Renewal Program	199,904	
17082	9-May	Water	Contract Administration Services Associated with the Construction of 2017 Infrastructure Renewal Program	183,232	
17083	24-Apr	Transportation Services	2017 Bradley Avenue West Extension - Phase 1, Wharnccliffe to Wonderland	7,642,003	
17084	9-May	Transportation Services	Clarke Road Widening Environmental Assessment from Future VMP Extension to Fanshawe Park Road East	216,396	
17085	9-May	Wastewater & Treatment	Fox Hollow SWM Facility No. 3 - Contract Amendment to Phase 1 Grading Tender (T16-47)	356,160	
17086	24-May	Wastewater & Treatment	2017 Infrastructure Renewal Program Contract 14 Avalon Street - Sewer Replacement Program	78,856	
17089	9-May	Water	Installation of Water Meters	1,811,328	
17090	9-May	Corp., Oper. & Council Serv.	Single Source Procurements - Street and Sidewalk Sweepers - Vehicles & Equipment Replacement - TCA	375,024	
17092	8-May	Wastewater & Treatment	Subdivision Agreement - SWM Facility -3924-4138 Colonel Talbot Road - SWM Facility Dingman Creek	652,927	
17093	8-May	Wastewater & Treatment	Subdivision Agreement - SWM Facility -3493 Colonel Talbot Road - SWM Facility Dingman Creek	378,233	
17094	8-May	Transportation Services	Subdivision Special Provisions - Speyside East Corporation and Topping Family Farms Talbot Village Subdivision - Phase 5 - Portion of 3105 Bostwick Road	203,935	
17094	8-May	Wastewater & Treatment	Subdivision Special Provisions - Speyside East Corporation and Topping Family Farms Talbot Village Subdivision - Phase 5 - Portion of 3105 Bostwick Road	665,920	
17096	16-May	Parks, Rec & Neigh. Serv.	Kiwanis Park Pathway Connection	4,968,884	
17097	24-May	Wastewater & Treatment	Pollution Prevention and Control Plan Phase 3 - PPCP and Downtown Strategy	161,177	
17100	23-May	Wastewater & Treatment	Subdivision Special Provisions - 1691, 1738, 1742 Hamilton and Commissioners Rd. E. Thames Village Joint Venture - Storm Sewer Internal Oversizing Subsidy	401,110	
17106	7-Jun	Water	Clean Water and Wastewater Fund Irregular Result: Arva Pumping Station Optimization and Energy Efficiency Study - Arva Water Pumping Station Optimization and Energy Efficiency	182,627	
17109	7-Jun	Wastewater & Treatment	Clean Water and Wastewater Fund Single Source Purchase of Odour Control, Air Handling and Heat Recovery Units for Wastewater Facilities - Treatment Plants Odour Control Upgrades	2,012,385	
17110	7-Jun	Wastewater & Treatment	Clean Water and Wastewater Fund Single Source Purchase of Inlet Screens for the Adelaide and Pottersburg Wastewater Treatments Plants - Solids and Floatable Management Equipment at 8 Locations	1,003,171	
17111	7-Jun	Wastewater & Treatment	Clean Water and Wastewater Fund 2017 Projects for Stormwater Engineering	407,040	
17112	7-Jun	Wastewater & Treatment	Clean Water and Wastewater Fund Purchase of Major Organic Rankine Cycle System Components for Power Generation at the Greenway Wastewater Treatment Plant	3,968,640	
17113	7-Jun	Wastewater & Treatment	Clean Water and Wastewater Fund 2017 Infrastructure Renewal Program Frances Street, Margaret Street and Ethel Street Reconstruction - Sewer Separation Program Acceleration	3,825,905	40,000
17114	6-Jun	Transportation Services	Subdivision Special Provisions - Cedar Hollow Developments Inc. Portion of 1800 Hollow Boulevard Cedar Hollow Subdivision - Minor Roadworks Channelization	174,983	
17120	19-Jun	Parks, Rec & Neigh. Serv.	Subdivision Special Provisions - Landea Developments Inc. Creekview Subdivision - New Major Open Space Network	35,422	
17120	19-Jun	Wastewater & Treatment	Subdivision Special Provisions - Landea Developments Inc. Creekview Subdivision - Foxhollow Trunk Sanitary Sewer	15,696	
17120	19-Jun	Water	Subdivision Special Provisions - Landea Developments Inc. Creekview Subdivision - Watermain Internal Oversizing	48,967	
17124	17-Jul	Wastewater & Treatment	Design and Construction Administration Services Pottersburg - Vauxhall Wastewater Treatment Plants Interconnection Project - Vauxhall and Pottersburg Pumping Stations and Forcemains	488,403	
17128	17-Jul	Transportation Services	Appointment of Consulting Engineer Sunningdale Road Improvement	781,257	
17129	17-Jul	Transportation Services	Growth Management Implementation Strategy Southwest Sanitary Servicing Projects	69,893	
17129	17-Jul	Wastewater & Treatment	Growth Management Implementation Strategy Southwest Sanitary Servicing Projects	495,853	
17129	17-Jul	Water	Growth Management Implementation Strategy Southwest Sanitary Servicing Projects	6,716	
17131	17-Jul	Environmental Services	Appointment of Consulting Engineer Technical Studies of Environmental Assessment Process for the Proposed Expansion of the W12A Landfill Site - Municipal Waste Study	295,634	

SOF #	Date of Committee Award	Service	Project	Awarded Amount	Budget Adjustments Required
17132	17-Jul	Wastewater & Treatment	Water and Erosion Control Infrastructure (WECI) Program 2017 Provincially Approved Project Funding - UTRCA Remediating Flood Control Works within City Limits	651,264	
17133	17-Jul	Transportation Services	Infrastructure Renewal Program 2017 - 2019 Appointment of Consulting Engineers	251,704	
17133	17-Jul	Wastewater & Treatment	Infrastructure Renewal Program 2017 - 2019 Appointment of Consulting Engineers	1,622,712	
17133	17-Jul	Water	Infrastructure Renewal Program 2017 - 2019 Appointment of Consulting Engineers	1,271,347	
17134	17-Jul	Transportation Services	Shift Rapid Transit - Additional Engineering	212,506	
17136	17-Jul	Transportation Services	Development Charges Claimable Work for Westbury Subdivision , M-641 - Minor Road Works - Misc. Streetlights on Arterials	237,402	
17137	18-Jul	Parks, Rec & Neigh. Serv.	Approve Architect to act as prime consultant for the Byron pool and bathhouse - Recreation Facilities	253,000	
17138	18-Jul	Parks, Rec & Neigh. Serv.	Approve Single Source Contractor Selection Continuation of Garden Terrace and Splash Pad at Queen's Park	135,341	
17141	31-Jul	Water	Elgin Middlesex Pumping Station Upgrades - Annual Capital Replacement	30,528	
17142	31-Jul	Wastewater & Treatment	38-16 Forbes Street Development Agreement Claimable Works - Sewer Replacement Program	166,604	
17143	29-Aug	Parks, Rec & Neigh. Serv.	Thames Valley Parkway North Branch Connection Detailed Design & Tendering	512,180	
17148	31-Jul	Transportation Services	Subdivision Special Provisions - Wickerson Hills Development Wickerson Hills Subdivision - Phase Two - Road Networks Improvements (Main)	90,355	
17148	31-Jul	Water	Subdivision Special Provisions - Wickerson Hills Development Wickerson Hills Subdivision - Phase Two - Wickerson High Level Watermain Phase Two Wickerson Road	68,799	
17156	29-Aug	Wastewater & Treatment	Single Source Electrical and Mechanical Services for the Turbo Blower Installations at the Greenway Wastewater Treatment Plant - Treatments Plant Energy Reduction with Turbo Blowers CWWF	365,138	
17157	29-Aug	Wastewater & Treatment	South London Wastewater Servicing Municipal Environmental Assessment - Dingman Pumping Station and Watershed	175,163	
17159	29-Aug	Transportation Services	Wonderland Road Improvements - Phase 1 & 2 - Contract Administration - Road Networks Improvements (Main)	301,866	
17160	29-Aug	Transportation Services	Blackfriars Bridge Rehabilitation	8,643,418	
17161	29-Aug	Transportation Services	Intersection AODA Upgrades	435,803	
17162	28-Aug	Transportation Services	Development Charges (DC) Claimable Works for 3080 Bostwick Road/501 Southdale Road West	102,635	
17163	28-Aug	Parks, Rec & Neigh. Serv.	Subdivision Special Provisions - Silverleaf Subdivision Phase 1	819,256	
17163	28-Aug	Transportation Services	Subdivision Special Provisions - Silverleaf Subdivision Phase 1	1,261,038	
17163	28-Aug	Wastewater & Treatment	Subdivision Special Provisions - Silverleaf Subdivision Phase 1	814,632	
17163	28-Aug	Water	Subdivision Special Provisions - Silverleaf Subdivision Phase 1	99,053	
17164	29-Aug	Transportation Services	Wonderland Road South Two Lane Upgrade Advanced Widening at Highway 402-Irregular Result T17-100 - Wonderland Road Two Lane Upgrade Hwy 401 to Hwy 402	298,313	
17165	12-Sep	Transportation Services	Property Acquisition - Shift Rapid Transit Project - RT 1 : Wellington Road -Bradley Ave to Horton St S Leg Widening-26 Wellington Road South	174,314	
17168	11-Oct	Corp., Oper. & Council Serv.	Award Construction Contract for the East Community Centre - Facility Energy Management	108,000	
17168	11-Oct	Parks, Rec & Neigh. Serv.	Award Construction Contract for the East Community Centre - East Multi-Purpose Rec. Centre	21,463,000	859,100
17169	18-Sep	Transportation Services	Shift Rapid Transit Environmental Assessment Project Management Plan, Communications Plan and Consulting Fees Amendment	2,322,500	
17170	26-Sep	Wastewater & Treatment	Wastewater Pumping Station VFD Replacements - Sanitary Pump Stations Variable Frequency Drives	425,631	
17171	26-Sep	Wastewater & Treatment	Old Victoria Stormwater Management Facility No. 1 - T17-28 - SWM Facility - Old Victoria No. 1	2,300,333	820,123
17172	11-Oct	Transportation Services	Lease of Office Space - Request for Proposal No. 17-22 for Rapid Transit Implementation Office - Environmental and Engineering Services	333,333	
17172	11-Oct	Wastewater & Treatment	Lease of Office Space - Request for Proposal No. 17-22 for Rapid Transit Implementation Office - Environmental and Engineering Services - CWWF Office Space - Wastewater	108,334	108,334
17172	11-Oct	Water	Lease of Office Space - Request for Proposal No. 17-22 for Rapid Transit Implementation Office - Environmental and Engineering Services - CWWF Office Space - Water	58,333	58,333
17173	25-Sep	Transportation Services	Subdivision Special Provisions - Sifton Properties Limited Hajjar Subdivision - Minor Roadworks - Channelization	164,306	
17173	25-Sep	Wastewater & Treatment	Subdivision Special Provisions - Sifton Properties Limited Hajjar Subdivision	311,853	
17174	24-Oct	Transportation Services	Wilton Grove Improvements - Detailed Design & Tendering	400,338	
17175	26-Sep	Corp., Oper. & Council Serv.	Vendor of Record (VOR) OSS-00456717 Telephony Equipment, Maintenance and Support Services	1,250,000	
17182	11-Oct	Transportation Services	Proposed Settlement of a Claim for Compensation for Partial Expropriation of 1186 Fanshawe Park Road East	145,973	
17183	11-Oct	Corp., Oper. & Council Serv.	Single Source Award of Contract for Phase 6 Facility Renewal and Energy Retrofit Program	1,734,087	
17183	11-Oct	Culture Services	Single Source Award of Contract for Phase 6 Facility Renewal and Energy Retrofit Program	159,763	
17183	11-Oct	Parks, Rec & Neigh. Serv.	Single Source Award of Contract for Phase 6 Facility Renewal and Energy Retrofit Program - Maintain Sportspark	975,782	
17183	11-Oct	Protective Services	Single Source Award of Contract for Phase 6 Facility Renewal and Energy Retrofit Program - Fire Stations LCR	81,408	
17183	11-Oct	Social & Health Services	Single Source Award of Contract for Phase 6 Facility Renewal and Energy Retrofit Program - Dearness Major Upgrades	305,280	
17185	23-Oct	Wastewater & Treatment	Revised Land Acquisition Terms North Lambeth P9 Stormwater Management Facility - SWM Facility Dingman Creek North Lambeth No P9	562,110	

SOF #	Date of Committee Award	Service	Project	Awarded Amount	Budget Adjustments Required
17186	24-Oct	Water	Clean Water and Wastewater Fund - Large Diameter Watermain Inspection - Elgin Pipeline - Trunk Watermains Syphons and Pipeline	1,112,544	
17187	24-Oct	Water	Bulk Water Station Access Terminal Upgrades - Main Replacement Maintenance	222,625	
17188	24-Oct	Wastewater & Treatment	Mornington Area Storm Drainage Servicing Environmental Assessment - Mornington Area Storm Drainage Servicing EA	131,746	
17189	24-Oct	Transportation Services	Intelligent Transportation System - RT 1: Wellington Rd. - Bradley Ave to Horton St. South Leg Widening	138,251	
17191	24-Oct	Wastewater & Treatment	Phase 1 Implementation of Cityworks CMMS Solution for Water, Sanitary and Stormwater Infrastructure - Asset Management of the Sewer System	633,151	
17191	24-Oct	Water	Phase 1 Implementation of Cityworks CMMS Solution for Water, Sanitary and Stormwater Infrastructure - Asset Maintenance Management System	633,151	
17194	24-Oct	Transportation Services	Property Acquisition - Shift Rapid Transit Project - RT 1: Wellington Road - Bradley Ave to Horton St. South Leg Widening - 28 Wellington Rd South	189,831	
17195	24-Oct	Wastewater & Treatment	Construction Tender Award - Vauxhall Wastewater Treatment Plant Flood Protection - Flood Protection Measures at Vauxhall PCP	4,391,803	1,462,830
17197	24-Oct	Environmental Services	Landfill Gas Utilization - Development of a 500 kw Power Plant at the W12A Landfill - 500kw Power Plant at W12A Landfill	300,000	4,000,000
17202	21-Nov	Water	Leak Logger Network for the Water Distribution System - Leak Detection Program	335,256	
17203	21-Nov	Wastewater & Treatment	Supply and Installation of an Inductively Coupled Plasma Optical Emission Spectrophotometer	120,724	
17204	20-Nov	Transportation Services	Subdivision Special Provisions - Foxwood Subdivision Foxwood Developments (London) Inc.	295,657	1,498,965
17204	20-Nov	Water	Subdivision Special Provisions - Foxwood Subdivision Foxwood Developments (London) Inc. - Watermain Internal Oversizing Subsidy	58,003	
17205	20-Nov	Transportation Services	Subdivision Special Provisions - West 5 Subdivision - Phase 2	869,381	1,390,374
17205	20-Nov	Water	Subdivision Special Provisions - West 5 Subdivision - Phase 2	31,139	18,287
17206	21-Nov	Transportation Services	Hyde Park Road Widening - Phase 2 CP Rail Crossing to Fanshawe	179,555	
17208	4-Dec	Wastewater & Treatment	Subdivision Special Provisions - Colonel Talbot Developments Inc. Hunt Land Subdivision	1,529,709	
17209	4-Dec	Transportation Services	Subdivision Special Provisions - Foxhollow North Kent Subdivision Phase 2	447,951	441,435
17209	4-Dec	Wastewater & Treatment	Subdivision Special Provisions - Foxhollow North Kent Subdivision Phase 2	791,796	
17209	4-Dec	Water	Subdivision Special Provisions - Foxhollow North Kent Subdivision Phase 2	50,738	50,738
17210	5-Dec	Transportation Services	Property Acquisition - Shift Rapid Transit Project Rt 4 Dundas St. - Adelaide St. to Highbury Ave E Leg Widening	282,440	
17211	5-Dec	Transportation Services	Property Acquisition - Shift Rapid Transit Project Rt 7 Richmond St. - Raymond Ave to York St.	370,211	
17212	5-Dec	Transportation Services	Property Acquisition - 2547 Main Street - Road Networks Improvements	138,934	
Subtotal Council Awards				197,185,255	17,474,804
Council Approved Budget Adjustments					
		Water	Clean Water and Wastewater Fund (CWWF)		6,910,000
		Wastewater & Treatment	Clean Water and Wastewater Fund (CWWF)		29,153,427
		Property Tax	Public Transportation Infrastructure Fund (PTIF)		35,628,353
		Property Tax	Demolish Lorne Ave School		3,000,000
		Property Tax	Assessment Growth Funding		1,419,416
		Property Tax	Establish Budget For Canada 150 Projects		895,000
		Property Tax	Canada 150 London - Celebration and Promotion Shortfall		151,670
Subtotal Council Awards & Budget Adjustments				197,185,255	94,632,670

	Awarded Amount	Budget Adjustments Required
Council Awards and Associated Budget Adjustments		
Property Tax Budget	105,290,406	55,164,803
Wastewater & Treatment Budget	65,723,444	32,430,509
Water Budget	26,171,405	7,037,358
Subtotal Council Awards	197,185,255	94,632,670

	Awarded Amount	Budget Adjustments Required
Administrative Awards and Associated Budget Adjustments ⁽¹⁾		
Property Tax Budget	30,305,768	4,031,090
Wastewater & Treatment Budget	19,104,417	487,830
Water Budget	8,002,287	0
Subtotal Administrative Awards	57,412,472	4,518,920

Total Council and Administrative Awards by Category		
Property Tax Budget	135,596,174	59,195,893
Wastewater & Treatment Budget	84,827,861	32,918,339
Water Budget	34,173,692	7,037,358
Total	254,597,727	99,151,590

Note 1: 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 other non-tax supported funding sources.

Appendix B - Summary of 2014 Life-To-Date Capital Budgets (2014 and prior) Having No Future Budget Requests

PROJECT	PROJECT DESCRIPTION	CLASSIFICATION	SERVICE AREA	2014 LTD BUDGET	COMMITTED	UNCOMMITTED	EXPECTED COMPLETION	EXPLANATION
TAX SUPPORTED								
GG1555-14	2014 CITY HALL MAJOR UPGRADES	Life Cycle Renewal	Finance & Corporate Services	1,661,061	1,546,292	114,769	Q4 2019	This program is also to be used for a future larger City Hall renewal source of finance - Master Accommodation Plan 2015.
GG1620	DEARNESS MAJOR UPGRADES	Life Cycle Renewal	Finance & Corporate Services	1,156,000	942,451	213,549	Q4 2019	Life Cycle Renewal work to be undertaken.
GG1640	BUILDING ACCESSIBILITY	Life Cycle Renewal	Finance & Corporate Services	550,000	540,846	9,154	Q4 2019	Annual program for accessibility projects.
GG1683	FACILITIES CONDITION	Life Cycle Renewal	Finance & Corporate Services	380,615	368,951	11,664	Q4 2019	Annual program for condition studies
GG1730HB	RETENTION OF HERITAGE BLDGS	Service Improvement	Finance & Corporate Services	500,000	447,446	52,554	Beyond	Annual program to maintain current site.
GGMOD1405	PH 5-NETWORK WIRELESS PT	Life Cycle Renewal	Finance & Corporate Services	106,588	18,676	87,912	Beyond	Project will deliver the upgrade of the City of London's point to point radios. These radios are essential in the provision of connectivity to City of London sites outside the downtown and providing redundancy to City of London sites connected via fibre optic cabling.
GGMOD1406	PH 6-NETWORK PROJ CLOSURE	Life Cycle Renewal	Finance & Corporate Services	21,630	21,182	448	Beyond	Ongoing - Project will deliver the final phase of the Network Modernization program including documentation provision, assessment and quality assurance activities.
ID1140	RIVER ROAD INDUSTRIAL LANDS	Service Improvement	City Manager's Department	3,306,000	3,166,800	139,200	Q1 2019	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 Manager's Department	2,563,303	2,418,825	144,478	Q1 2019	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.
ID1166	OXFORD STREET BUSINESS PARK	Service Improvement	City Manager's Department	1,983,291	459,064	1,524,227	Q4 2018	Awaiting potential claim from purchaser.
ID1168-3A	INNOVATION PARK - DR OETKER	Service Improvement	City Manager's Department	385,000	296,846	88,154	Q4 2018	Ongoing ILDS account. Possible future engineering assignment due to additional lands under option.
ID1170	HURON INDUSTRIAL PARK	Service Improvement	City Manager's Department	6,012,553	5,221,097	791,456	Q4 2018	Ongoing ILDS account. Possible future engineering assignment due to additional lands under option.
ID1368	INNOVATION PARK-CLAIMABLE WORK	Growth	City Manager's Department	2,000,000	693,027	1,306,973	Q1 2019	Ongoing ILDS account. Covers Phases 1, 2, 3, and 4. Only Phase 1 is partially assumed. Numerous lots remain to be sold leaving the possibility of more expenses.
ME2012-01	2012 V&E REPLACEMENT - TCA	Life Cycle Renewal	Environmental & Engineering	6,147,263	5,649,700	497,563	Q3 2018	Committed items noted above are expected to be complete by Q1 2018. 3 Units remaining to be initiated and completed- Forestry Chipper truck, car and an arrow board. Chipper truck will require 6-9 months for completion. Once open purchase orders are closed, then move balance with remaining units to ME2015-01.
PD1015	SOUTH STREET CAMPUS REDEV	Service Improvement	Planning Services	155,000	141,363	13,637	Q2 2019	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 underway with preferred Phase I developer; budget \$10-\$15K for City due-diligence studies such as independent analyses of submitted economic pro-formas, site conditions verification, etc; Phase II prep costs depend on outcome of Phase I.
PD1018	SMART CITY STRATEGY	Service Improvement	Planning Services	125,000	127,200	(2,200)	Q4 2019	Phases 1 and 2 are 95% complete. Strategy to be completed in 2019.
PD1033-11	2011 NEW DISTRICT PARKS	Growth	Planning Services	440,000	422,154	17,846	Q4 2018	Land/Building Assumption Delay. Funds to assist Facilities 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 washroom upgrade. City should be in a position to start design in 2018 which will allow these funds to be fully spent.
PD1129-13	2013 DWTN STREET TREE PLANTING	Life Cycle Renewal	Planning Services	378,392	352,825	25,567	Q2 2018	Funding for tree planting at Old East Parking Lot redevelopment at Queens Park. The tree planting will occur in spring 2018.
PD1145	PLACEMAKING DESIGN GUIDELINES	Service Improvement	Planning Services	100,000	64,475	35,525	Q4 2018	Urban Design Review project has been delayed. Expected that funds remaining will be used in 2018.
PD1146	DEVELOPMENT MANAGEMENT	Life Cycle Renewal	Development & Compliances Serv	180,000	6,156	173,844	Q4 2019	Backflow, e-permitting (portal) projects and business folders have been completed. Sign Folder and mobile solution projects have started and other folders are moving along as scheduled.

Appendix B - Summary of 2014 Life-To-Date Capital Budgets (2014 and prior) Having No Future Budget Requests

PROJECT	PROJECT DESCRIPTION	CLASSIFICATION	SERVICE AREA	2014 LTD BUDGET	COMMITTED	UNCOMMITTED	EXPECTED COMPLETION	EXPLANATION
PD2042	2009 NEW MAJOR OPEN SPACE	Growth	Planning Services	491,500	320,211	171,289	Q4 2018	Land Assumption Delay. Funds for capital claims - pathway development at Wickerson Development adjacent to Boler Lands. Subdivisions registered, but only a portion of the work has been completed. Remaining work should occur in 2018 requiring all remaining funds.
PD2043-12	2012 NEW MAJOR OPEN SPACE	Growth	Planning Services	620,000	547,941	72,059	Q4 2019	Surplus funding associated with Talbot/Bostwick pathway/trail connections, which may be required for other open space linkages servicing same growth area - TBD in 2018.
PD2043-13	2013 NEW MAJOR OPEN SPACE	Growth	Planning Services	400,000	304,331	95,669	Q4 2019	Boler Lands & Wickerson SWMF pathway connections. Stormwater Management Division (SWM) leading storm pond construction. All of the funding will be used. Timing for pathway is subject to 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 2018 allowing for implementation in 2019.
PD2043-14	2014 NEW MAJOR OPEN SPACE	Growth	Planning Services	350,000	51,032	298,968	Q4 2019	Funding for subdivision open space linkages - waiting for developers to proceed. \$100k for West Byron/SWM connections. \$198k for Lambeth P9 facility and surrounding development.
PD2082	MEADOWLILY AREA PLANNING STUDY	Growth	Planning Services	520,000	391,114	128,886	Q4 2019	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. Since the Meadowlily Study has not been re-initiated, it is unclear whether all of the funds will be required. The major issue is related to transportation matters and a possible EA to determine options for interchange improvements.
PD2124	2010 NEW THAMES VALLEY PRKWAY	Growth	Planning Services	240,000	187,506	52,494	Q4 2019	Remaining funding in this account was used as a SoF to support the North Branch TVP project as reported in the February 21, 2018 CWC report regarding the Ontario Municipal Commuter Cycling program. Finance will be transferring this \$50k to PD2125 following Council approval.
PD2124-11	2011 NEW THAMES VALLEY PARKWAY	Growth	Planning Services	400,000	399,999	1	Q4 2018	Funding associated with construction of Kiwanis Park CNR crossing, which is ongoing and anticipated to be completed in 2018.
PD2124-12	2012 NEW THAMES VALLEY PARKWAY	Growth	Planning Services	50,000	0	50,000	Q4 2018	Land Assumption Delay - Funds earmarked for TVP at Victoria on River development. TVP constructed by developer but capital claim not processed as of yet.
PD2124-13	2013 NEW THAMES VALLEY PARKWAY	Growth	Planning Services	650,000	16,303	633,697	Q4 2019	\$150k funding in this account was used as a Source of Financing to support the North Branch TVP project as reported in the Feb.21/2018 CWC report regarding OMCC. Finance will be transferring this \$150k to PD2125 following Council approval. Land Assumption Delay - \$85k for TVP extension east of Highbury in Edgevalley Development. Remaining amount 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 2018 with construction in 2019.
PD2134	2009 MAINTAIN THAMES VALLEY	Life Cycle Renewal	Planning Services	308,494	305,711	2,783	Q4 2018	Funding associated with construction of Kiwanis Park CNR crossing, which is ongoing and anticipated to be completed in 2018.
PD2135-13	2013 MAINTAIN THAMES VALLEY	Life Cycle Renewal	Planning Services	235,686	229,612	6,074	Q4 2018	Funding associated with construction of Kiwanis Park CNR crossing, which is ongoing and anticipated to be completed in 2018.
PD2253	2010 NEW ENVIRO SIGNIF AREA	Growth	Planning Services	260,000	231,033	28,967	Q2 2019	Remaining funds in this account are required to progress Meadowlily Ph. 2 Master Plan (following completion of ongoing Phase 1 in 2018).
PD2253-12	2012 NEW ENVIRO SIGNIF AREA	Growth	Planning Services	290,000	170,000	120,000	Q4 2019	Remaining funds in this account are required to progress Meadowlily Ph. 2 Master Plan and implementation (following completion of ongoing Phase 1 in 2018).
PD2253-13	2013 NEW ENVIRO SIGNIF AREA	Growth	Planning Services	280,000	258,281	21,719	Q2 2019	Land acquisition delays resulting in delay in construction and utilization of these funds. Funds are to complete pathway/trail system in Medway pending land acquisition.
PD2324-13	13 MUN OWNED HERITAGE BDGS	Life Cycle Renewal	Planning Services	459,383	460,772	(1,389)	Q4 2018	Final payment to Consultant required before closing.
PD2324-14	14 MUN OWNED HERITAGE BLGS	Life Cycle Renewal	Planning Services	280,337	282,038	(1,701)	Q4 2018	Final payment to Consultant required before closing.

Appendix B - Summary of 2014 Life-To-Date Capital Budgets (2014 and prior) Having No Future Budget Requests

PROJECT	PROJECT DESCRIPTION	CLASSIFICATION	SERVICE AREA	2014 LTD BUDGET	COMMITTED	UNCOMMITTED	EXPECTED COMPLETION	EXPLANATION
PD2400	PARK FARM TRUST FUND	Life Cycle Renewal	Planning Services	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.
PD2633	DEVELOPMENT OF INFORMATION	Service Improvement	Community Services	200,000	110,217	89,783	Q4 2020	Project delayed due to complexities of the software development and the process of working with seven other Service Managers for approvals, etc. Project budget expected to be fully spent.
PD3019-13	2013 NEW URBAN PARKS	Growth	Planning Services	100,000	30,019	69,981	Q2 2019	Talbot Village Urban Park - Had been waiting for adjacent site plan designs to be finalized. Detailed design in process with construction anticipated in 2018/19. The park will cost approximately \$245k - funding is sourced from this account and the 2015 budget.
PD3020	PICCADILLY URBAN PARKS	Life Cycle Renewal	Planning Services	39,660	33,253	6,407	Q4 2018	Piccadilly Park - had been waiting for Ministry of Environment approvals (received in 2016). Work to be completed in 2018. All available budget will be used.
PD3020-13	2013 MAINTAIN URBAN PARKS	Life Cycle Renewal	Planning Services	136,386	74,514	61,872	Q4 2018	Remaining budget to be spent at Piccadilly - had been waiting for Ministry of Environment approvals. Work will proceed in 2018. Note that \$40k in funding from Western Fair (other sources) is not being captured in overall project budget.
PD3023	5-YEAR OFFICIAL PLAN REVIEW & ASSOCIATED ZONING BY-LAW AMENDMENTS	Life Cycle Renewal	Planning Services	650,000	508,370	141,630	Q1 2019	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 funding has occurred over a number of years, prior to the 4-year budget (2015-2019). The outstanding balance will be used for additional consulting work that may be needed relating to The London Plan and the current Ontario Municipal Board hearing. Unused funds to be transferred to PD2152 for the comprehensive Zoning By-law project, targeted for completion by 2021.
PP1025	INTERFACE & MOBILE DATA	Service Improvement	Community Services	1,000,000	0	1,000,000	Q2 2019	On receiving budget approval from Council, Fire Services submitted a project request to ITS. Following a review of the LFD's high level needs assessment, ITS dedicated a staff member in late November 2016 to lead this project. Vendor selection in 2017 had to be revisited because of information security concerns identified by ITS. Report to Council anticipated in spring of 2018. Meanwhile, a number of significant sub-projects to be phased in within this master project are in progress.
PP1032	RADIO EQUIPMENT	Life Cycle Renewal	Community Services	1,790,000	1,780,104	9,896	Q2 2019	Project initiation on hold pending resolution of labour relations matters.
PP1033	APPARATUS HOIST	Service Improvement	Community Services	175,000	0	175,000	Q3 2018	The project was delayed pending completion of labour contract negotiations. LFD has initiated this project with Facilities and pre-engineering is in progress.
PP4325	911 COMMUNICATIONS UPGRADES	Life Cycle Renewal	London Police Services	612,000	381,081	230,919	2022	Currently awaiting Next Generation 911 (NG911) equipment requirements from Bell - which are due March, 2019. Deadline for NG911 implementation is 2023.
PP4490	BUSINESS INTELLIGENCE SOFTWARE	Service Improvement	Community Services	226,007	186,804	39,203	Q2 2019	Business intelligence component of this project is complete, however Incident Analyst piece was delayed. Remaining funds will be used as part of project PP1025 as these projects are related. \$10k allocated for training to be spent in 2018.
RC2201-CGAC	CANADA GAMES AQUATIC CENTRE	Life Cycle Renewal	Finance & Corporate Services	6,547,636	6,547,635	1	Complete	Project complete. Project to be closed once FCM grant is received.
RC2428	ENHANCED CGAC AQUATIC FUND	Life Cycle Renewal	Community Services	43,575	38,841	4,734	Q4 2018	Amount was a donation made in memorium, to be used for customer service enhancements specifically for the Canada Games Aquatic Centre. It is expected the project will be completed by the end of 2018.
SW6023	COMMUNITY ENVIRO DEPOTS	Service Improvement	Environmental & Engineering	1,500,000	43,740	1,456,260	Q4 2019	Project is on hold pending MOECC legislation development.
SW6047	MATERIAL RECOVERY FACILITY	Service Improvement	Environmental & Engineering	22,459,660	22,377,036	82,624	Q4 2018	Asphalt repairs are planned for the 2018 construction season.
TS1027	FORESTRY MTCE-GYPSY MOTH	Life Cycle Renewal	Planning Services	250,000	232,458	17,542	Q2 2018	Remaining funding to be used for communications campaign related to "Oak Wilt" (increased mortality of oak trees).
TS1325	VETERANS MEMORIAL SOUTH	Service Improvement	Environmental & Engineering	1,148,811	588,361	560,450	Q4 2019	Currently under construction with completion anticipated by the end of June 2018. Account required to cover realty costs from expropriation.
TS1481-1	WELLINGTON RD WIDENG-PH 1	Growth	Environmental & Engineering	2,800,000	593,507	2,206,493	Beyond	Project is to be coordinated with the BRT EA project.
TS1481-2	WELLINGTON RD WIDENING-PH2	Growth	Environmental & Engineering	850,000	0	850,000	Beyond	Project is to be coordinated with the BRT EA project.
TS1481-3	WELLINGTON RD WIDENING-PH3	Growth	Environmental & Engineering	550,000	0	550,000	Beyond	Project is to be coordinated with the BRT EA project.

Appendix B - Summary of 2014 Life-To-Date Capital Budgets (2014 and prior) Having No Future Budget Requests

PROJECT	PROJECT DESCRIPTION	CLASSIFICATION	SERVICE AREA	2014 LTD BUDGET	COMMITTED	UNCOMMITTED	EXPECTED COMPLETION	EXPLANATION
TS1498	HALE ST-TRAFALGAR RD	Service Improvement	Environmental & Engineering	16,647,442	16,603,018	44,424	Q4 2018	Assessment of impacts near completion.
TS2170	BRADLEY FROM OLD VICTORIA	Growth	Environmental & Engineering	2,350,000	805,058	1,544,942	Q1 2019	Possible work to cover Development Charges roadworks associated with a future Innovation Park Phase 5. Limits on Bradley are from Bonder easterly to City Limits. ILD, Transportation and Finance, to discuss.
TS2171	OLD VICTORIA FROM HAMILTON TO HWY 401	Growth	Environmental & Engineering	2,110,000	1,300,920	809,080	2022	Multi-phase project. Final phase outstanding.
TS3135	EXTERIOR LIGHTING SPORTSFIELDS	Life Cycle Renewal	Finance & Corporate Services	435,854	382,880	52,974	Q2 2018	Project will be completed once final invoice is processed in early 2018.
TS4011	TRAFFIC SIGNAL UPGRADE	Service Improvement	Environmental & Engineering	3,643,040	3,505,923	137,117	Q4 2018	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.
TS4067-14	2014 TRAFFIC SIGNALS-MTCE	Life Cycle Renewal	Environmental & Engineering	2,097,955	2,098,443	(488)	Q2 2018	Project to be closed when outstanding POs are closed.
TS4160	TRAFFIC SIGNALS & STREET LIGHT	Growth	Environmental & Engineering	1,259,000	1,279,636	(20,636)	Q4 2018	Project will be closed after the warranty period has ended.
TS4204	DOWNTOWN PARKING INITIATIVES	Service Improvement	Environmental & Engineering	500,000	299,442	200,558	Q2 2018	Final invoicing outstanding.
TS4209	IMPROVED PARKING TECHNOLOGY	Service Improvement	Environmental & Engineering	300,000	225,568	74,432	Q2 2019	Project has been delayed due to project resources from the vendor as well as ensuring that all technical/security requirements are being met at our side. However progressing in 2018 to be completed in Q2 2019.
TS5031	TRANSPORTN DEMAND MNG	Service Improvement	Environmental & Engineering	320,750	301,167	19,583	Q2 2020	This project has an overall variance of \$150,000 (\$19,583 + \$130,000). \$100,000 of these funds are assigned to 2 projects under Public Transit Infrastructure Fund (PTIF) for 2017 and 2018. The remaining funds, about \$50,000, are assigned to capital expenditures under the Transportation Demand Management (TDM) Program and will be used in 2018 to coincide with outcomes Public Transit Infrastructure Fund projects and related TDM capital expenditures.
WASTEWATER & TREATMENT								
ES1721	ECONOMIC DEVELOPMENT	Service Improvement	Environmental & Engineering	8,531,194	7,630,048	901,146	Q3 2018	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 final deficiencies are being resolved.
ES2414-13	2013 SEWER REPLACEMENT	Life Cycle Renewal	Environmental & Engineering	9,214,140	9,175,173	38,967	Q3 2018	Part of Annual Infrastructure Renewal Program - some outstanding work from previous years' construction projects nearing completion.
ES2455	STONE CREEK IMPROVEMENTS	Service Improvement	Environmental & Engineering	160,000	0	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	Environmental & Engineering	189,000	0	189,000	Q2 2018	In the process of identifying works that can be applied to this project subject to the development agreement under which funds were received.
ES2485	OLD OAK SERVICING (FORMER)	Service Improvement	Environmental & Engineering	3,360,000	1,205,106	2,154,894	beyond	Development Charges Project, on hold subject to completion of the Dingman Creek Environmental Assessment (EA). Dingman EA anticipated to be completed Q1 2019.
ES2486	WONDERLAND RD DITCH REMEDN WRK	Service Improvement	Environmental & Engineering	1,770,028	336,487	1,433,541	Q4 2019	Dingman Creek Environmental Assessment (EA) is currently underway for completion in Q1 2019. Timing of this project to be defined following EA completion.
ES2488	WEST LONDON DYKES	Life Cycle Renewal	Environmental & Engineering	2,429,439	2,023,214	406,225	Q4 2018	Phase 4 of West London Dykes to be constructed by Q4 2018 Associated with Upper Thames River Conservation Authority (UTRCA) Remediating Flooding.
ES2493	HYDE PARK TRUNK SAN SEWER	Growth	Environmental & Engineering	5,112,000	5,130,431	(18,431)	Q2 2018	Capital project currently in warranty period. Project to be closed once warranty period is complete.
ES2682	DINGMAN EROSION CONTROL AND WETLAND REMEDIATION WORKS	Growth	Environmental & Engineering	9,344,333	6,867,266	2,477,067	Q2 2018	Project nearing completion. Completion of final warranty and monitoring work to be confirmed. Project significantly under budget due to favourable tender results.
ES2685	GREENWAY EXPANSION	Growth	Environmental & Engineering	46,143,000	43,970,727	2,172,273	Q4 2019	Greenway Expansion and Upgrade in progress not due for completion until mid to end of 2018, warranty period will extend until end of 2019. Approximately 80% complete.

Appendix B - Summary of 2014 Life-To-Date Capital Budgets (2014 and prior) Having No Future Budget Requests

PROJECT	PROJECT DESCRIPTION	CLASSIFICATION	SERVICE AREA	2014 LTD BUDGET	COMMITTED	UNCOMMITTED	EXPECTED COMPLETION	EXPLANATION
ES3020-FH1	SWM FACILITIES - FOXHOLLOW 1	Growth	Environmental & Engineering	4,719,450	4,758,690	(39,240)	Q3 2018	Construction of SWM facility completed in 2016. Completion date reflects warranty period. Full contingency likely not required, this will resolve negative balance in project. Once warranty work is complete, unused funds will be returned to original source.
ES3020-HP6	SWM FACILITY - HYDE PARK NO 6	Growth	Environmental & Engineering	2,416,700	1,371,954	1,044,746	Q4 2019	This project may be updated in 2019 based on the outcome of the Hyde Park Environmental Assessment (EA) Addendum to be completed in Q3 2018. Original EA recommendations for this facility needed to be reassessed based on changing conditions in the subwatershed.
ES3020-PD2	SWM FACILITY- PINCOMBE DRAIN 2	Growth	Environmental & Engineering	2,456,700	0	2,456,700	Q4 2018	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. Awaiting a claim to be filed by the developer for payment for design and construction of this stormwater pond.
ES3068	SPRINGBANK DAM REPLACE GATES	Service Improvement	Environmental & Engineering	6,865,079	6,713,303	151,776	2020	On hold until completion of One River Environmental Assessment (EA). One River EA aimed to be completed by Q2 2018.
ES3073	DINGMAN PUMPING STATION AND	Life Cycle Renewal	Environmental & Engineering	3,596,921	3,596,925	(4)	Q4 2018	Class EA initiated for future Dingman pumping station, to be reported to Civic Works Committee.
ES3087	HURON INDUSTRIAL PARK SERVICE	Service Improvement	Environmental & Engineering	1,122,673	421,110	701,563	Q1 2019	Finishing up Master Servicing study. Will roll into SWMF EA for 2019.
ES4402	EXTENSION OF THE STONEY CREEK	Growth	Environmental & Engineering	4,950,058	2,994,721	1,955,337	Q2 2018	Construction complete. Development Services undertaking inspections related to securities and clearance. Claim for approved works anticipated to be received.
ES4825-11	2011 MUNICIPAL DRAIN	Life Cycle Renewal	Environmental & Engineering	943,073	329,351	613,722	Q4 2018	Several drainage reconstruction projects supported through this program are in various stages of completion.
ES4834-11	2011 MUNICIPAL DRAIN MTCE	Life Cycle Renewal	Environmental & Engineering	203,614	116,878	86,736	Q2 2018	Awaiting final billing out to property owners. Project will be closed following receipt of outstanding grants and landowner payments.
ES5143	HAULED LIQUID WASTE RECEIVING	Service Improvement	Environmental & Engineering	1,000,000	809,357	190,643	Q4 2019	Feasibility study underway for improved septage receiving at Dingman/Wonderland. Design expected 2018, construction 2019.
ES5234	ADELAIDE WASTEWATER TREATMENT	Service Improvement	Environmental & Engineering	1,898,500	20,148	1,878,352	2022	Will be coordinated with expansion and tied in with phosphorus upgrades which may be required as a result of legislation.
ES6066	DINGMAN PUMPING STATION HEADER	Life Cycle Renewal	Environmental & Engineering	500,000	53,110	446,890	Q2 2020	Environmental Assessment underway, Public Information Centre planned for February 2018.
ES6072	GREENVALLEY DRAIN-WILTON	Service Improvement	Environmental & Engineering	1,935,056	1,211,140	723,916	Q1 2018	Project substantially complete. Project will be completed significantly under budget due to a competitive heavy-construction contractor marketplace at the time the tender was issued. Unused funds to be returned to original source.
ES6089	APPLEGATE SWMF REMEDIATION	Service Improvement	Environmental & Engineering	280,000	175,613	104,387	Q4 2019	Consulting project related to a separate CWWF project tendered in Q1 2018. Construction expected to be complete Q4 2018. Warranty to Q4 2019.
ESSWM-HP5	SWM FACILITY - HYDE PARK NO 5	Growth	Environmental & Engineering	6,517,700	365,728	6,151,972	Q4 2019	This project may be updated in 2019 based on the outcome of the Hyde Park Environmental Assessment (EA) Addendum to be completed in Q3 2018. Original EA recommendations for this facility needed to be reassessed based on changing conditions in the subwatershed.
ESSWM-MM4	SWM FACILITY-MURRAY MARR 4	Growth	Environmental & Engineering	2,100,000	166,410	1,933,590	Q4 2019	Dingman Creek Environmental Assessment (EA) is currently underway for completion in Q1 2019. Timing of this project to be defined following EA completion.
ESSWM-SB	SWM FACILITY-WICKERSON NO S-B	Growth	Environmental & Engineering	2,787,549	2,348,522	439,027	Q4 2020	Construction complete and under budget due to favourable tender results. Completion date reflects warranty period. Post construction environmental monitoring by consultants for 3 years as per regulatory authority permits.
ID2056	SKYWAY IND PARK-SWR OVRISIZG	Growth	Environmental & Engineering	938,000	811,728	126,272	Q1 2019	Future oversizing as lots develop.
ID2058-3A	INNOVATION PARK - SEWER	Service Improvement	Environmental & Engineering	315,000	242,145	72,855	Q1 2019	Ongoing ILDS account. Possible future engineering assignment due to additional lands under option.
ID2156	SKYWAY IND PARK-SWR LOCAL	Growth	Environmental & Engineering	1,036,000	965,796	70,204	Q1 2019	Possible servicing extension due to local industrial development.
WATER								
EW3409-13	2013 PUMPING STATIONS MJR REPA	Life Cycle Renewal	Environmental & Engineering	276,455	259,309	17,146	Q2 2018	Currently in warranty period, minor variance will be returned to original source.

Appendix B - Summary of 2014 Life-To-Date Capital Budgets (2014 and prior) Having No Future Budget Requests

PROJECT	PROJECT DESCRIPTION	CLASSIFICATION	SERVICE AREA	2014 LTD BUDGET	COMMITTED	UNCOMMITTED	EXPECTED COMPLETION	EXPLANATION
EW3614	SE PUMPING STATION-RESERVOIR	Growth	Environmental & Engineering	55,728,118	54,781,432	946,686	Q3 2018	This project has been delayed due to a hydraulic uplift incident which took place in July 2011 and has been the subject of several in-camera reports. Outstanding items are for updates and improvements that are required given the time from the original reservoir construction.
EW3619	WHITE OAK PUMPING STATION	Service Improvement	Environmental & Engineering	700,000	36,912	663,088	2020	Work program to be developed in conjunction with other Capital Works planned in the area (PRV chambers). To review the opportunity to decommission the facility and potentially sell to London Hydro and/or through surplus property process.
TOTAL				294,360,939	246,358,382	48,002,557		

Appendix C – Completed Capital Projects (as of December 31, 2017)

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											
GGMOD1501 Network Cabling	Lifecycle	87,372.00	87,372.18	(0.18)		(0.18)					
TS309316 Parks Major Upgrades	Lifecycle	246,144.00	246,144.39	(0.39)		(0.39)					
TS6200EROC EROC Roof Replacement	Lifecycle	544,705.00	544,705.44	(0.44)		(0.44)					
PD1023-14 Maintain District Parks	Lifecycle	350,000.00	348,210.45	1,789.55		1,789.55					
PD2243 Maintain Environmentally Significant Areas	Lifecycle	524,308.00	524,307.62	0.38		0.38					
PD2135-12 Maintain Thames Valley Pathway	Lifecycle	90,606.00	90,605.88	0.12					0.12		
PD2135-14 Maintain Thames Valley Pathway	Lifecycle	335,846.00	330,755.28	5,090.72					5,090.72		
PP1152-11 Emergency Fire Vehicles	Lifecycle	1,567,734.00	1,568,374.61	(640.61)				(640.61)			
RC2201-14 Recreation Facilities	Lifecycle	1,110,963.00	1,110,962.89	0.11		0.11					
RC2464-15 Multi Use Pathway	Lifecycle	300,000.00	301,280.92	(1,280.92)		(1,280.92)					
TS1165-14 Warranted Sidewalks	Lifecycle	222,677.00	222,676.90	0.10		0.10					
TS1254-11 Local Roadworks	Lifecycle	582,696.00	582,695.74	0.26		0.26					
TS1254-15 Local Roadworks	Lifecycle	667,064.00	667,064.09	(0.09)		(0.09)					
TS1763-13 Bridges Major Upgrades	Lifecycle	1,825,365.00	1,825,365.31	(0.31)		(0.31)					
TS1763-14 Bridges Major Upgrades	Lifecycle	1,991,004.00	1,991,001.07	2.93					2.93		
TS1214 Gore Road Bridge	Lifecycle	4,222,034.00	4,188,999.25	33,034.75		6,452.25	26,582.50				
TS1739-14 Bike Lane Program	Lifecycle	170,493.00	170,493.29	(0.29)					(0.29)		
PP4444-14 Police Headquarters Building Repairs	Lifecycle	475,000.00	474,450.46	549.54		549.54					
MU104417 Bus Purchase Replacement (Note 1)	Lifecycle	8,143,800.00	8,247,562.31	(103,762.31)	Consistent with London Transit Commission approval, increased cost funded from Provincial Gas Tax allocation.						(103,762.31)
MU113617 LTC Existing Facility Upgrade (Note 2)	Lifecycle	500,000.00	487,389.80	12,610.20							12,610.20
SW6014-14 W12A Ancillary	Lifecycle	272,883.00	272,882.81	0.19					0.19		
PD1033-14 New District Parks	Growth	419,005.00	416,784.44	2,220.56			1,096.74		1,123.82		
PD1382-11 New Neighbourhood Parks	Growth	244,500.00	245,703.86	(1,203.86)		(644.53)			(559.33)		
PD2041 New Open Space Network	Growth	130,000.00	120,883.39	9,116.61			4,192.61		4,924.00		
TS1033 London Cycling Master Plan	Growth	210,000.00	184,135.92	25,864.08		14,852.00			11,012.08		
TS1264-13 Rural Intersection	Growth	327,682.00	265,481.72	62,200.28	The anticipated works in this annual program were implemented at a cost less than originally estimated.	62,200.28					
PD2124-14 New Thames Valley Pathway	Growth	1,567.00	1,567.11	(0.11)			(0.11)				
GG1535 Veterinarian Services & Facility	Service Improvement	321,989.00	311,255.10	10,733.90				10,733.90			
GG1660 Community Celebration Event & Promotion Canada 150	Service Improvement	300,768.00	300,668.10	99.90				99.90			
TS1026 Forestry Mtce Management - UFORE	Service Improvement	425,000.00	423,025.65	1,974.35				1,974.35			
MU118017 Bus Expansion Existing	Service Improvement	1,100,400.00	1,100,400.00	-				-			
GGSERVLN1602 Self Service Portal	Service Improvement	109,619.00	109,619.32	(0.32)			(0.32)				
GGSERVLN1603 Business Hub Renovations	Service Improvement	111,072.00	111,071.60	0.40				0.40			

Appendix C – Completed Capital Projects (as of December 31, 2017)

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
GGSERVLN1604 CRM Implementation - Phase 3	Service Improvement	274,197.00	274,197.24	(0.24)				(0.24)			
TOTAL TAX SUPPORTED		28,206,493.00	28,148,094.14	58,398.86		83,917.61	31,871.42	12,167.70	21,594.24	-	(91,152.11)
WASTEWATER & TREATMENT											
ES5084-15 Replacement of Equipment - WWTP	Lifecycle	919,129.00	919,129.35	(0.35)				(0.35)			
ES5084-13 Replace Equipment WWTP	Lifecycle	1,688,338.00	1,686,737.81	1,600.19				1,600.19			
ES242816 Erosion Remediation Open Watercourses Management and Reclamation	Lifecycle	840.00	839.52	0.48				0.48			
ES2693-15 Specialized Sewer Repairs	Lifecycle	3,899,071.00	3,644,341.36	254,729.64	Project under budget due to favourable tender results along with full contingency not required.			254,729.64			
ES2435 PDC's Installed with Claimable Urban Works	Growth	100,000.00	-	100,000.00	Program no longer required. PDC's installed with "growth" sewers is being done in a different manner now since the claimable urban works has been phased out. PDC costs are now being included in the sewer capital projects.			100,000.00			
ES3020-HP1B1 Hyde Park 1B1 SWM Facility	Growth	2,580,700.00	2,584,717.73	(4,017.73)							(4,017.73)
ES244216 Extension of Sanitary Services	Service Improvement	800,000.00		800,000.00	No local improvement projects identified.			400,000.00			400,000.00
ES244217 Extension of Sanitary Services	Service Improvement	800,000.00		800,000.00	No local improvement projects identified.			400,000.00			400,000.00
ES5165-17 New Equipment Wastewater Treatment Plants	Service Improvement	50,000.00	19,600.31	30,399.69				30,399.69			
ES209217 Sump Pump Grant Program	Service Improvement	164,706.00	164,705.62	0.38				0.38			
TOTAL WASTEWATER & TREATMENT		11,002,784.00	9,020,071.70	1,982,712.30		-	-	1,186,730.03	-	-	795,982.27
WATER											
EW384217 Replace Lead and Copper Water Services	Lifecycle	2,000,000.00	250,937.48	1,749,062.52	Work is often undertaken with the main replacement project and therefore a surplus in this annual program.			1,749,062.52			
EW377216 Water Efficiency Program	Growth	350,000.00	142,717.02	207,282.98	Actual costs came in lower than anticipated as well as scope of work reduced.			190,493.98	16,789.00		
EW3591 Hyde Park Pumping Station Upgrade	Growth	700,000.00		700,000.00	Project delayed/cancelled until a future time when development warrants construction.				700,000.00		
EW3653 Wickerson Pumping Station Upgrade	Growth	1,186,924.00	863,221.64	323,702.36	Actual costs came in lower than anticipated as well as scope of work reduced.			44,672.96	279,029.40		
EW2404 New Vehicles & Equipment	Service Improvement	79,499.00	79,498.70	0.30				0.30			
TOTAL WATER		4,316,423.00	1,336,374.84	2,980,048.16		-	-	1,984,229.76	995,818.40	-	-
GRAND TOTAL		43,525,700.00	38,504,540.68	5,021,159.32		83,917.61	31,871.42	3,183,127.49	1,017,412.64	-	704,830.16

Notes:

- 1) The total budget of \$8.1 million for the Bus Purchase Replacement program represents \$6.1 million funded by the City and \$2.0 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.