

TO:	CHAIR AND MEMBERS CORPORATE SERVICES COMMITTEE MEETING ON APRIL 16, 2019
FROM:	ANNA LISA BARBON MANAGING DIRECTOR, CORPORATE SERVICES AND CITY TREASURER, CHIEF FINANCIAL OFFICER
SUBJECT:	2018 YEAR-END CAPITAL MONITORING REPORT

RECOMMENDATION

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

- a) the 2018 Year-End Capital Monitoring Report **BE RECEIVED** for information, it being noted that the life-to-date capital budget represents \$1.7 billion with \$1.3 billion committed and \$0.4 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 2015 life-to-date capital budgets (2015 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 \$11.9 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 \$218,017 **BE TRANSFERRED** to capital receipts;
- B) authorized debt financing of \$309,708 **BE RELEASED** resulting in a reduction of authorized, but unissued debt;
- C) uncommitted reserve fund drawdowns of \$8,411,629 **BE RELEASED** from the reserve funds which originally funded the projects;

Non-Rate Supported

- D) uncommitted reserve fund drawdowns of \$1,934,391 **BE RELEASED** from the reserve funds which originally funded the projects;
- E) authorized debt financing of \$280,478 **BE RELEASED** resulting in a reduction of authorized, but unissued debt;
- F) other net non-rate supported funding sources of \$696,778 **BE ADJUSTED** in order to facilitate project closings.

- d) the funding for the Grand Theatre's \$2 million request previously approved by Municipal Council **BE RECEIVED** for information.

PREVIOUS REPORTS PERTINENT TO THIS MATTER
--

Corporate Services Committee, September 25, 2018 meeting, Agenda Item # 2.3, 2018 Mid-Year Capital Monitoring Report
<https://pub-london.escribemeetings.com/filestream.ashx?DocumentId=50270>

Corporate Services Committee, June 19, 2018 meeting, Agenda Item # 2.6, Capital Budget Realignment – Bus Rapid Transit
<https://pub-london.escribemeetings.com/filestream.ashx?DocumentId=46354>

Strategic Priorities and Policy Committee, May 7, 2018 meeting, Agenda Item # 3.1, 2019 Growth Management Implementation Strategy (GMIS) Update
<https://pub-london.escribemeetings.com/filestream.ashx?DocumentId=44085>

Corporate Services Committee, April 17, 2018 meeting, Agenda Item # 2.3, 2017 Compliance Report In Accordance With The Procurement of Goods and Services Policy
<https://pub-london.escribemeetings.com/filestream.ashx?DocumentId=41771>

Strategic Priorities and Policy Committee, May 15, 2017 meeting, Agenda # 3, Council Policy Manual Review (Capital Budget and Financing Policy)
<https://pub-london.escribemeetings.com/filestream.ashx?DocumentId=31570>

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 via the strategic priority “proactive financial management” which includes ensuring that the City’s finances are well planned and support intergenerational equity.

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.

Within this report the terms “rate supported” and “non-rate supported” are used when referring to the sources of financing that support the City’s capital budget. Rate supported refers to property tax and water and wastewater rate sources of financing (e.g. capital levy, water rates, reserve funds, debt). Non-rate supported refers to sources of financing primarily supported by development charges and in some cases contributions from parties external to the Corporation of the City of London.

2018 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. 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 2018 life-to-date budget adjustments by Tax Supported, Wastewater & Treatment and Water budgets. Appendix “A” provides details on the source of these adjustments.

Table 1 – 2018 Capital Budget Life-To-Date Revisions as of December 31, 2018 (\$000’s)

Category	2018 Life-to-Date Approved Budget (as of Jan 1, 2018)	2018 Budget Adjustments ¹		2018 Life-to-Date Approved Budget (as of Dec 31, 2018)
		Council	Administrative	
Tax Supported	\$1,053,533	(\$102,354)	\$1,517	\$952,696
Wastewater	\$506,162	\$47,003	\$1,120	\$554,285
Water	\$220,704	(\$4,506)	\$88	\$216,286
Total	\$1,780,399	(\$59,857)	\$2,725	\$1,723,267

* Amounts subject to rounding.
 (1) The negative amounts reported under the Council approved budget adjustments column are primarily the result of the adjustments pertaining to the 2019 GMIS Update and BRT capital budget realignment.

As of December 31, 2018 there has been 189 discrete contract awards worth \$218.3 million (107 were awarded by Council and 82 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 2018 Life-To-Date as of December 31, 2018 (\$000's)

Category	Council Approved Contract Awards		Administration Approved Contract Awards		Total Awards	
	\$ Amount	Number	\$ Amount	Number	\$ Amount	Number
Tax Supported	\$73,705		\$30,940		\$104,645	
Wastewater	\$67,143		\$19,155		\$86,298	
Water	\$19,258		\$8,107		\$27,365	
Total	\$160,106	107	\$58,202	82	\$218,308	189

* Amounts subject to rounding.

2018 LIFE-TO-DATE CAPITAL BUDGET STATUS

A summary of the 2018 life-to-date capital budget, including the amount that is committed spending and the amount that is uncommitted is summarized in Table 3. This information is essential for budget monitoring to ensure that spending is being managed within the approved budget.

Table 3 - 2018 Approved Life-To-Date Capital Budget & Activity (\$000's)

Category	2018 Life-To-Date (as of December 31, 2018)			Percent Committed
	Approved Budget ¹	Actuals & Commitments (Purchase Orders) ²	Uncommitted To-Date ²	
TAX SUPPORTED				
Lifecycle Renewal	350,585	290,774	59,811	82.9%
Growth	356,542	251,114	105,428	70.4%
Service Improvement	245,569	197,630	47,939	80.5%
TOTAL TAX SUPPORTED	952,696	739,518	213,178	77.6%
WASTEWATER				
Lifecycle Renewal	162,587	143,766	18,821	88.4%
Growth	268,325	145,153	123,172	54.1%
Service Improvement	123,373	106,518	16,855	86.3%
TOTAL WASTEWATER	554,285	395,437	158,848	71.3%
WATER				
Lifecycle Renewal	136,849	113,376	23,473	82.8%
Growth	70,583	63,727	6,856	90.3%
Service Improvement	8,854	4,669	4,185	52.7%
TOTAL WATER	216,286	181,772	34,514	84.0%
GRAND TOTAL	1,723,267	1,316,727	406,540	
% of Total		76.4%	23.6%	

* Amounts reported are subject to rounding, 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, longer term projects like multi-purpose recreation centres.

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 two projects projected at this time to be over budget by more than \$50 thousand upon project completion (Table 4).

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

Project	Approved Budget	Committed	Uncommitted
RC2758 – South East Multi-Purpose Recreation Centre	\$17,587,829	\$1,564,207	\$16,023,622
Additional funding may be required to replace the funding transferred to RC2756 – East Multi-Purpose Recreation Centre to address the funding shortfall within that 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 (Bostwick) and a new budget request through the 2020-2023 Multi-Year Budget if necessary.			
ES3042 – Flood Protection Measures	\$4,883,000	\$5,330,743	--
Construction of this project is on track after difficulties with ground water have been addressed. Completion by the Clean Water & Wastewater Funding (CWWF) deadline is still on track. The project’s budget variance will be reduced by receipt of future CWWF funding. If the final position of the project is over budget this variance will be covered by the Pottersburg-Vauxhall project (ES3099) which is a \$4 million project with limited expenditures to date.			

Appendix “B” contains a status update for active 2015 life-to-date capital budgets (2015 and prior) that have no future budget requirements/activity. Appendix “B” provides the status of specific active capital projects that would be targeted as a high likelihood for project closure, it being noted that projects recommended to be closed are contained in Appendix “C”.

CAPITAL 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 of significance 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 adjustment will be processed:

- Capital project ES269317 (Specialized Sewer Repairs) was established as an annual program to extend the life of existing sewers using trenchless technologies. The program includes cured-in-place pipe (CIPP), internal spot repairs and lining of brick sewers. Currently, this capital project has a budget of \$4.4 million with \$2.7 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.

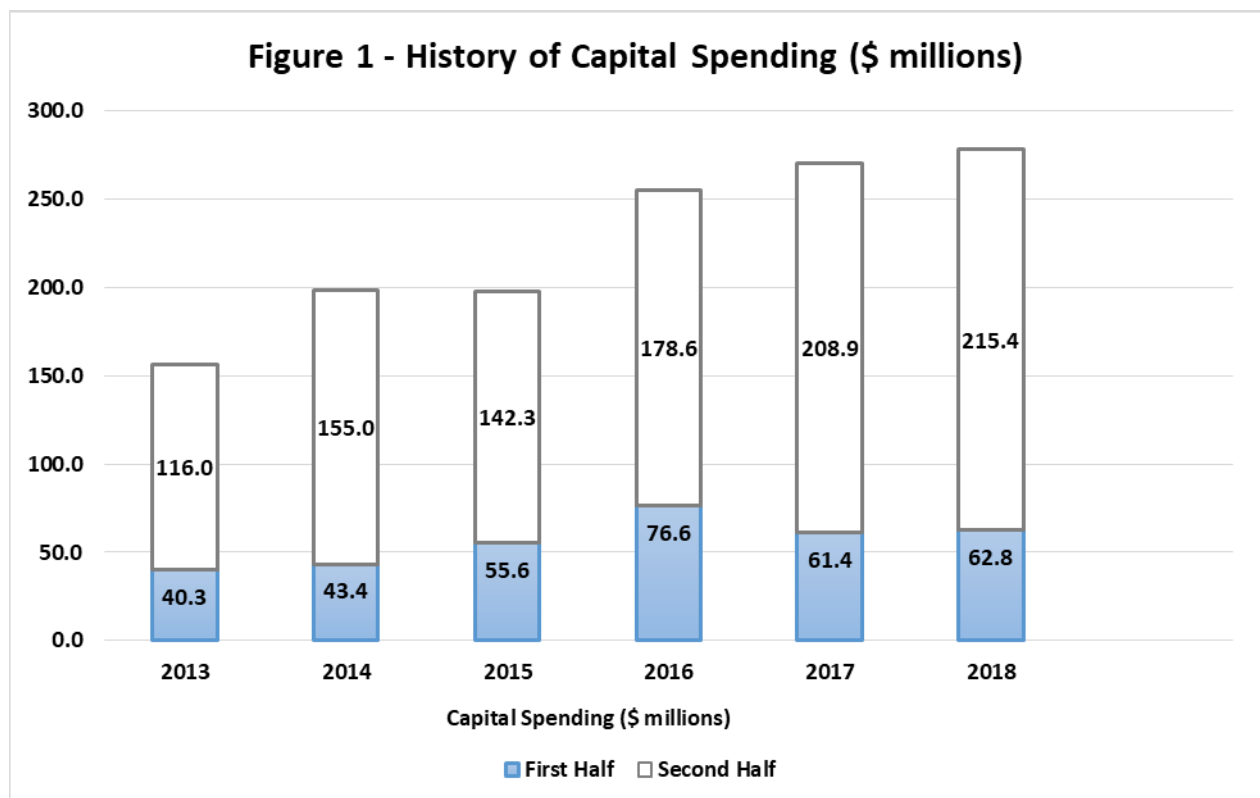
Action: Surplus funding of \$1.3 million from capital project ES269317 will be returned to the Sewage Works Reserve Fund (the Fund) to modestly strengthen the Fund’s financial position and be used for other City initiatives that fall within the Fund’s mandate, it being noted that this capital project will remain open with an uncommitted balance of \$1.4 million to complete the 2019 annual lining program (expected completion date Q3 2019).

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. As of December 31, 2018 **total capital spending was \$278.2 million** compared to \$270.3 million in 2017 (Figure 1). These amounts represent capital spending for the Tax Supported Budget, Wastewater & Treatment Rate Supported Budget and Water 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 81 projects with a total budget value of \$117.2 million. The completed projects that are being recommended to be closed were under budget by \$11.9 million in total. The impact of closing the recommended completed projects is summarized in Table 5. For a detailed listing of each completed capital project refer to Appendix "C".

Table 5 – Net Impact of Completed Capital Projects – Surplus / (Deficit) (\$000's)

Category	Tax/Rate Supported			Non-Rate Supported			Total
	Capital Levy	Debt	Reserve Funds	Reserve Funds ¹	Debt ¹	Other ²	
Tax Supported	218.0	309.7	4,357.5	46.4	0.0	683.5	5,615.1
Wastewater	0.0	0.0	759.3	1,886.5	280.5	0.0	2,926.3
Water	0.0	0.0	3,294.8	1.5	0.0	13.3	3,309.6
TOTAL	218.0	309.7	8,411.6	1,934.4	280.5	696.8	11,851.0

*Amounts subject to rounding.

(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 \$10.3 million to the reserve funds outlined in Table 6.

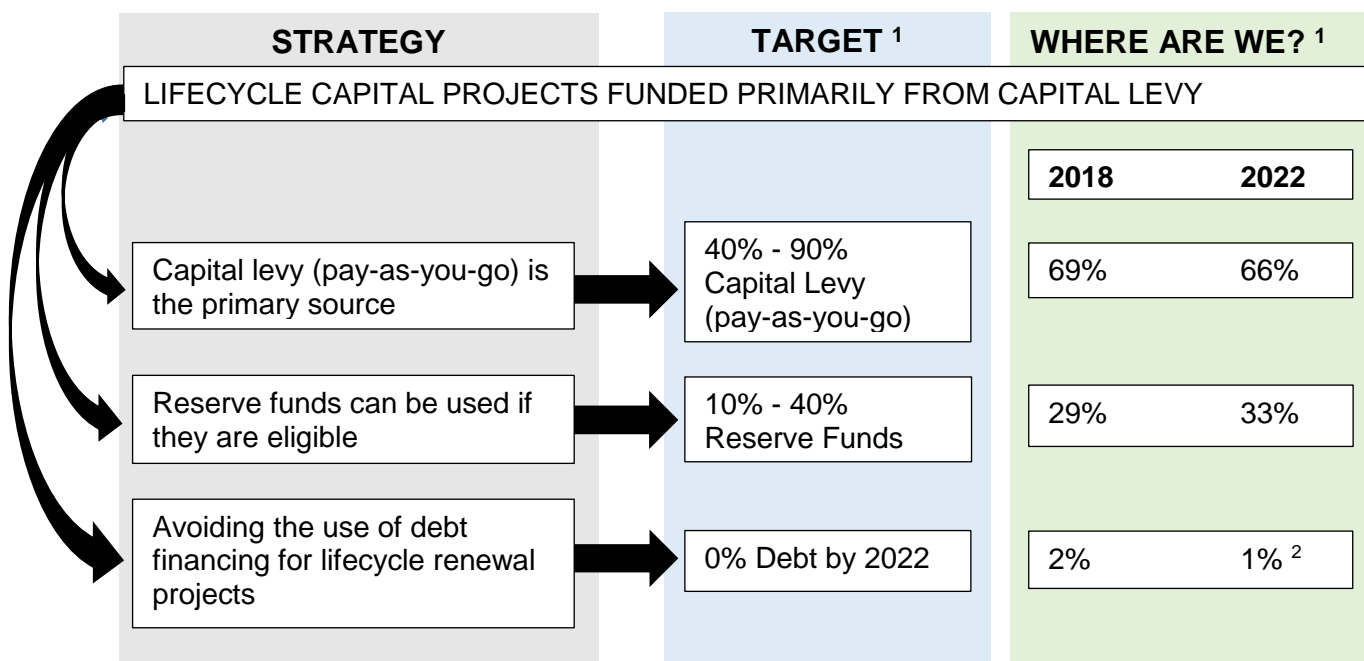
Table 6 - Reserve Funds Impacted by Recommended Account Closing (\$000's)

Tax/Rate Supported		Non-Rate Supported	
City Facilities Reserve Fund	1.2	City Services Reserve Fund (CSRF) - Growth Studies	31.9
Public Art Acquisition Reserve Fund	86.4	CSRF - Fire	14.5
Operating Budget Contingency Reserve	2,039.2	CSRF - Water	1.5
Sanitary Landfill Site Reserve Fund	22.5	CSRF - Major SWM	1,886.5
Industrial Land Reserve Fund	136.2		
Industrial Oversizing - General Reserve Fund	1,991.0		
Land Acquisition Reserve Fund	81.1		
Vehicle and Equipment - Fire Reserve Fund	1.4		
Vehicle and Equipment - Police Reserve Fund	(0.4)		
Vehicle and Equipment Reserve Fund	(1.1)		
Sewage Works Reserve Fund	759.3		
Capital Water Reserve Fund	3,294.8		
Subtotal Tax/Rate Supported	8,411.6	Subtotal Non-Rate Supported	1,934.4
		Total All Reserves & Reserve Funds	10,346.0

*Amounts subject to rounding.

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 as the purpose of projects in this classification is to maintain existing infrastructure. Administrative targets have been established, consistent with the overarching strategy and Council approved Capital Budget and Financing Policy, as follows:



(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 the control of Civic Administration.

(2) It is Civic Administration's goal to eliminate the 1% 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.

CAPITAL BUDGET FINANCING STRATEGIES – RESERVE FUNDS

Discretionary reserve funds are primarily used as a source of financing for lifecycle renewal and service improvement projects where appropriate reserve funds and sufficient balances exist. Obligatory reserve funds are primarily used as a source of financing for growth projects.

Obligatory and discretionary 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)
- 3) **Federal Gas Tax** – funds received under the Municipal Funding Agreement for Transfer of Federal Gas Tax Revenues

DISCRETIONARY

- 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 and discretionary reserve funds are controlled by municipal by-laws and the City's Reserve and Reserve Fund Policy.

RESERVES & RESERVE FUNDS – NOTEWORTHY DEVELOPMENTS

Capital Asset Renewal and Replacement Reserve Fund Report

Civic Administration presented the Reserve Rationalization Report at the September 25, 2018, Corporate Services Committee meeting (agenda item #2.2). This report aligned the City's reserves portfolio with the Council approved Reserve and Reserve Fund Policy. The recommendations of that report established target balances for each reserve and created administrative efficiencies by condensing the number, and standardizing the structure, of the City's reserve portfolio.

In 2019, Civic Administration will undertake a similar exercise focusing on the City's capital asset renewal and replacement (CARR) reserve funds. These reserve funds help address the City's infrastructure gap and are a significant source of financing for the capital budget. Also in 2019, the City's Corporate Asset Management Plan will be released in accordance with the asset management planning regulation under the *Infrastructure for Jobs and Prosperity Act, 2015*. The findings of this updated Plan will inform the analysis of the CARR reserve funds and ultimately the recommendations included in the CARR reserve fund report that is targeted to be brought forward later in 2019. The scope of any changes to this component of City's reserve fund portfolio cannot be fully defined until results of the Corporate Asset Management Plan are known.

Municipal Accommodation Tax Reserve Fund

On May 8, 2018, Municipal Council adopted a 4% Municipal Accommodation Tax (MAT) on the purchase price of transient accommodation in the City of London effective October 1, 2018. The Tourism Infrastructure Reserve Fund was established for the purposes of receiving and distributing the City's net 50% share of revenue from the Municipal Accommodation Tax. Some funding from this reserve fund has already been distributed through Council resolution. Civic Administration will bring forward a report in 2019 to obtain Municipal Council approval on a process for the distribution of further monies from this reserve fund.

Grand Theatre Funding

On February 19, 2019, the Grand Theatre brought forward a request to the Corporate Services Committee for \$2 million of municipal funding to support an \$8 million planned renovation project to be undertaken over 2019 and 2020. As a result of this request, Municipal Council resolved:

“That the following actions be taken with respect to the Grand Theatre – Municipal Accommodation Tax Funding request:

a) the request from the Grand Theatre BE APPROVED, in the amount of \$2 million, with the first source of financing being the Tourism Infrastructure Reserve Fund and a secondary source of financing being the Economic Development Reserve Fund;

b) the Civic Administration BE DIRECTED to finalize the sources of financing for the request in Q1 2020, taking into account the balances, anticipated contributions and anticipated draws on the two reserve funds;

c) the staff report dated February 19, 2019 with respect to this matter BE RECEIVED;

d) it BE NOTED that the presentation from G. Kerhoulas and T. Tillman, Grand Theatre was received; and,

e) further requests for funding from the Tourism Infrastructure Reserve Fund BE DEFERRED, pending the Civic Administration's report on a process for future allocations from the Tourism Infrastructure Reserve Fund.”

Subsequent to Council’s direction on this matter, further information was received from the Grand Theatre with respect to the anticipated timing of the renovation work. In order to alleviate pressure to complete the majority of the project in summer of 2020, the Grand Theatre is intending to fast-track some of the work for completion in the summer of 2019, subject to federal grant funding approvals. As a result, the Grand Theatre has requested that the City’s contribution to the project be disbursed according to the following timeline outlined in Table 7:

Table 7 – Grand Theatre Funding Request Schedule

Date	Amount
July 1, 2019	\$400,000
October 1, 2019	\$400,000
January 1, 2020	\$400,000
April 1, 2020	\$400,000
July 1, 2020	\$400,000

Based on Civic Administration’s review of available balances and projected cash flows for both the Tourism Infrastructure Reserve Fund and the Economic Development Reserve Fund, Civic Administration recommends funding the first two instalments outlined above from the Economic Development Reserve Fund, with the remaining three instalments in 2020 to be funded from the Tourism Infrastructure Reserve Fund.

CAPITAL BUDGET FINANCING STRATEGIES – DEBT

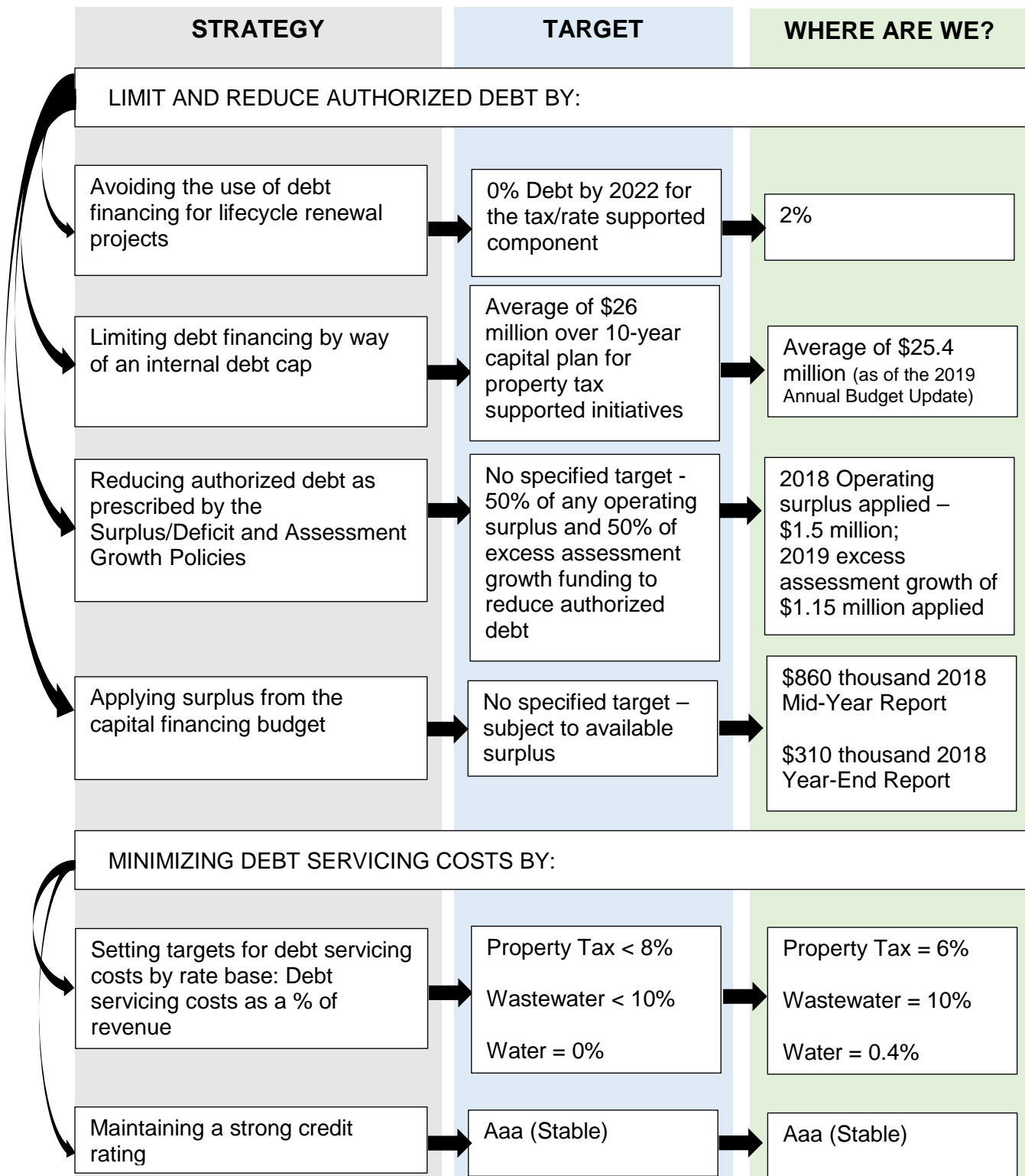
A summary of the projected debt levels for 2018 is detailed in Table 8.

Table 8 – 2018 Debt Level as of December 31, 2018 (\$ millions)

Debt Level for 2018 (\$ millions)						
Category	Dec 31, 2017	Issued in 2018	Retired in 2018	Dec 31, 2018 (1)	Authorized 2018	Total Potential
General Property Taxes	164.8	29.0	30.4	163.4	87.6	251.0
Wastewater	55.5	3.1	8.3	50.3	5.6	55.9
Water	1.5	-	0.3	1.2	-	1.2
Rate Supported Reserve Funds	18.8	-	4.2	14.6	5.1	19.7
Subtotal	240.6	32.1	43.2	229.5	98.3	327.8
Joint Water Boards - City's Share	17.5	-	3.0	14.5	8.2	22.7
City Services Reserve Funds	43.9	22.9	5.8	61.0	127.7	188.7
Total Debt Level	302.0	55.0	52.0	305.0	234.2	539.2

(1) Outstanding debt level is subject to completion of 2018 financial statement audit. Amounts are subject to rounding.

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.



EMERGING ISSUES

Table 9 below provides information on emerging issues that may impact the capital budget in 2019 and beyond.

Table 9 – Emerging Capital Budget Issues

Emerging Issue Description	Likelihood of Impact on 2019 Budget ⁽¹⁾												
Property Tax													
<p>Infrastructure Funding</p> <p>On March 14, 2018, the Governments of Canada and Ontario announced the finalization of their bilateral agreement on the Investing in Canada Infrastructure Program (ICIP) under the following four funding streams:</p> <table style="margin-left: 40px;"> <tr> <td>Investing in Canada Infrastructure Program</td> <td style="text-align: right;">(\$ billions)</td> </tr> <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> </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 Infrastructure Stream (PTIS) 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>On March 26, 2019, the Province of Ontario announced that 85 eligible municipalities outside the GTHA will be able to nominate their most critical public transit projects under the ICIP. The first intake, commencing April 2, 2019, will unlock up to \$1.62 billion in joint provincial and federal funding, province wide.</p> <p>On March 26, 2019, London City Council approved a list of ten transit projects to be submitted to the provincial government for consideration.</p>	Investing in Canada Infrastructure Program	(\$ 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
Investing in Canada Infrastructure Program	(\$ 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												
<p>Rapid Transit</p> <p>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. The current funding breakdown is:</p> <table style="margin-left: 40px;"> <tr> <td>Rapid Transit Budget</td> <td style="text-align: right;">(\$ millions)</td> </tr> <tr> <td>Municipal Contribution:</td> <td></td> </tr> <tr> <td> Tax Supported</td> <td style="text-align: right;">\$ 12</td> </tr> <tr> <td> Development Charges</td> <td style="text-align: right;">\$118</td> </tr> <tr> <td>Other Levels of Government</td> <td style="text-align: right;"><u>\$370</u></td> </tr> <tr> <td>Total</td> <td style="text-align: right;">\$500</td> </tr> </table> <p>New provincial legislation on development charges changed the growth/non-growth split on the municipal contribution based on the new scale of the project and the service standard (ridership). The tax supported portion will increase to \$23 million, decreasing the development charges portion to \$107 million. This change will be reflected in the 2020-2023 Multi-Year Budget once the 2019 DC Background Study has been approved.</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.</p> <p>On March 14, 2018, the Federal Government announced an allocation of \$204.9 million for London under the Public Transit Infrastructure Stream (PTIS) of the Investing in Canada Infrastructure Program (ICIP). This allocation is based solely on transit ridership.</p> <p>On March 26, 2019, City Council approved a list of ten transit projects, including three of the five corridors included in the BRT business case, to be submitted to the provincial government for funding under PTIS of the ICIP.</p>	Rapid Transit Budget	(\$ millions)	Municipal Contribution:		Tax Supported	\$ 12	Development Charges	\$118	Other Levels of Government	<u>\$370</u>	Total	\$500	High
Rapid Transit Budget	(\$ millions)												
Municipal Contribution:													
Tax Supported	\$ 12												
Development Charges	\$118												
Other Levels of Government	<u>\$370</u>												
Total	\$500												

<p>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.</p> <p>The remaining projects not submitted to the ICIP at this time have been referred to future discussions. Approximately \$94 million of the original \$370 million of senior government funding included in London's BRT capital budget remains available to support discussions regarding future transit projects.</p>	
<p>Capital Planning Impacts from Cancelled Provincial Funding</p> <p>The new Provincial government cancelled a number of funding programs for municipalities that were supported by Cap and Trade revenues. For London, this impacted programs to save on fuel costs, utilize landfill gas and provide upgrades to social housing infrastructure. Where possible, these initiatives will be brought forward to Council through direct reports, or as part of the 2020-2023 Multi-Year Budget, with revised scope and/or alternative funding strategies.</p>	High
<p>Federal Gas Tax</p> <p>Included in the Federal Budget announcement on March 19, 2019 was a proposal for a one-time transfer of \$2.2 billion through the Federal Gas Tax program to address municipal infrastructure deficits. This would double the Federal Government's commitment to municipalities in 2019–20. The City of London was previously scheduled to receive \$23.3 million in Federal Gas Tax in 2019.</p>	High
<p>Tariffs on Steel and Aluminum</p> <p>Preliminary analysis completed as part of the 2018 Mid-Year Capital Monitoring Report indicated that the estimated impact of steel and aluminum tariffs could be close to \$10 million on planned budgets over the next five years. Purchasing that would most likely be impacted includes fleet vehicles and equipment for the City (including Fire and Police), new and refurbished facilities and transportation or pathway projects that include bridges.</p> <p>As of March 2019 tariffs on steel and aluminum remain in place. While the United States-Mexico-Canada (USMCA) Agreement was signed on November 30, 2018, it remains unratified. The governments of Canada and Mexico continue to lobby American counterparts to end the tariffs on steel and aluminum as a necessary precursor to ratifying the USMCA Agreement. Current outlooks are optimistic that a deal to end tariffs and ratify the USMCA will occur in 2019. If the impasse were to remain unresolved, previous estimates noted above remain valid.</p>	Medium
<p>Bridge Condition Study</p> <p>In a May 2018 report to Civic Works Committee, Civic Administration identified an infrastructure gap of \$55 million in bridge repairs in the near term. In June 2018, Civic Administration presented the environmental study report on the Victoria Bridge to Civic Works Committee. During the 2019 Annual Budget Update, Council approved the financing for the Victoria Bridge project. Subsequently, through the Assessment Growth process, the contribution to the Capital Infrastructure Gap Reserve Fund was increased by \$1 million of permanent funding to help address the bridge inventory infrastructure gap.</p> <p>The Transportation Planning Division is already working with the Corporate Asset Management Team to better identify and quantify the infrastructure gap for bridges. This information will be included in the revised State of the Infrastructure Report scheduled to be released in the second quarter of 2019 by the Corporate Asset Management Team. Subsequent to that report, Transportation Planning will begin development of their capital plan for bridges for the 2020 – 2023 Multi-Year Budget in which they will attempt to address the shortfall, subject to available funding.</p>	Low

Wastewater & Water	
<p>Corporate Asset Management Plan 2017 Review (Wastewater and Water)</p> <p>The Corporate Asset Management Plan outlines the City's plans for the management of its \$10.9 billion worth of infrastructure. The plan is currently undergoing a 5 year review. Late in 2017, the City hired external expertise to analyze the replacement values of its linear assets. The resultant replacement values have significantly increased from the 2013 estimate due to the improved accuracy of unit cost assumptions. Administration is currently reviewing the existing 20-year plans for water and wastewater assets. A strategy for addressing the resulting infrastructure gap will be established as part of the multi-year budget process.</p>	Low
<p>Climate Change Adaptation Strategy (Flood Proofing and Protection) (Wastewater)</p> <p>Flood proofing of several of the City's wastewater treatment plants and flood control dykes have been identified in the 2015-2019 Strategic Plan. It was anticipated that funding would be available as part of the Federal/Provincial infrastructure program; however, the application window for the next round of funding has been delayed by over one year. Alternative funding for upgrades to part of the West London dyke system was recently received, but if the federal/provincial program is not available, a strategy for addressing this need will be established as part of the multi-year budget process.</p>	Low
<p>Canada-Ontario Lake Erie Action Plan (Wastewater)</p> <p>The Great Lakes Water Quality Agreement requires the United States and Canada to reduce phosphorus levels that contribute to algal blooms in Lake Erie by 40% based on levels measured in 2008. The Thames River Watershed has been identified as a priority watershed. The final Canada-Ontario Lake Erie Action Plan was issued by the Federal government in February 2018. The plan includes a series of specific actions to be undertaken by the City of London that were endorsed by Council in Q4-2017. The timing and funding of these actions will be considered as part of the multi-year budget process.</p>	Low
<p>Pollution Prevention and Control Plan (Wastewater)</p> <p>The Pollution Prevention and Control Plan is London's long-term strategy to identify, investigate, and reduce sewer system overflows. This plan includes \$290 million worth of projects to be implemented over a 20 year period. The timing and funding of these projects will be considered as part of the multi-year budget process.</p>	Low
<p>East London Sanitary Servicing (Wastewater)</p> <p>The East London Sanitary Servicing Study identified a plan to provide growth wastewater servicing to east London at a cost of \$34 million to \$74.5 million. The timing and funding of these projects will be considered as part of the multi-year budget process.</p>	Low
<p>Core Area Servicing Studies (Wastewater and Water)</p> <p>The Core Area Servicing Studies provide a plan to provide servicing for intensification related development within the built out City. The plan includes \$176 million in stormwater and wastewater works with a City funded share of \$111 million and \$9 million in water works with a City funded share of \$600 thousand. The timing and funding of these projects will be considered as part of the multi-year budget process.</p>	Low
<p>Long-term Water Storage Environmental Assessment (Water)</p> <p>The City of London water system includes 5 water reservoirs. The Springbank Reservoir 2 is nearing the end of its useful life, and now is the appropriate time to undertake the environmental assessment work that will consider how the reservoir will be reconstructed or replaced. This environmental assessment is also considering the long-term storage needs required to service anticipated urban growth. The timing and funding of the projects identified in this plan will be considered as part of the multi-year budget process.</p>	Low

<p>Arva Huron Waterline (Water)</p> <p>The Arva-Huron Pipeline is the most critical supply of water into the City of London, supplying approximately 85% of water used by all customers. An environmental assessment is currently scheduled to determine the long-term strategy for replacing this key component of the City's water system. The timing and funding of the projects identified in this plan will be considered as part of the multi-year budget process.</p>	<p>Low</p>
---	-------------------

(1) Definition of Likelihood:

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

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

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

CONCLUSION

Key items included in the 2018 Year-End Capital Monitoring Report include the following:

- The 2018 life-to-date capital budget:
 - \$1,316.7 million (76.4%) of the \$1,723.3 million 2018 life-to-date capital budget is committed, leaving \$406.5 million (23.6%) of approved capital funding uncommitted.
 - A status update for active 2015 life-to-date capital budgets (2015 and prior) that have no future budget requests is provided in Appendix “B”.
- A total of 81 completed capital projects with a total budget value of \$117.2 million and surplus of \$11.9 million are recommended to be closed with surplus funding returned to the original source of funding (Appendix “C”).
- Emerging issues were identified that may impact the capital budget in 2019 and beyond. Civic Administration will continue to monitor these issues and report back to Council and the community in a timely manner.

Acknowledgements

This report was prepared with significant contributions from the City’s Financial Business Support teams, project managers from across the Corporation, Government Relations and Alan Dunbar, Marta Semeniuk and Lauren Pasma in Financial Planning & Policy.

PREPARED BY:	REVIEWED AND CONCURRED BY:
JASON DAVIES, CPA, CMA MANAGER III, FINANCIAL PLANNING & POLICY	KYLE MURRAY, CPA, CA DIRECTOR FINANCIAL PLANNING & BUSINESS SUPPORT
RECOMMENDED BY:	
ANNA LISA BARBON, CPA, CGA MANAGING DIRECTOR, CORPORATE SERVICES AND CITY TREASURER, CHIEF FINANCIAL OFFICER	

- Cc: Ian Collins – Director, Financial Services
 Bryan Baar – Senior Financial Business Administrator
 Alan Dunbar – Manager III, Financial Planning & Policy
 John Millson – Senior Financial Business Administrator
 Marta Semeniuk – Capital Budget Officer

Appendix A - 2018 Capital Budget Activity (Life-To-Date December 31, 2018)

SOF #	Date of Committee Award	Service	Description	Awarded Amount	Budget Adjustments Required
Council Awards					
18001	9-Jan	Transportation Services	Contract Administration Services Associated with the Construction of Kilally Road Reconstruction Phase 1	181,063	
18001	9-Jan	Water	Contract Administration Services Associated with the Construction of Kilally Road Reconstruction Phase 1	30,971	
18002	8-Jan	Transportation Services	Subdivision Special Provisions - Summerside Phase 13A	623,586	486,000
18002	8-Jan	Wastewater & Treatment	Subdivision Special Provisions - Summerside Phase 13A	366,092	
18002	8-Jan	Water	Subdivision Special Provisions - Summerside Phase 13A	24,361	
18003	9-Jan	Wastewater & Treatment	Mud Creek Flood Reduction and Rehabilitation Phase 1 Detailed Design	1,099,514	
18004	8-Jan	Transportation Services	Subdivision Special Provisions - Edgevalley Subdivision	22,820	
18004	8-Jan	Wastewater & Treatment	Subdivision Special Provisions - Edgevalley Subdivision	6,521,235	
18005	23-Jan	Environmental Services	Property Acquisition - W12A Buffer - 5725 White Oak Road	485,368	489,542
18006	9-Jan	Corporate, Operational & Council Services	Microsoft Dynamics CRM Implementation Partner 2017 - 2019 RFP16-52	264,576	
18008	23-Jan	Corporate, Operational & Council Services	Construction Contract to Demolish 280 York Street / 340 Wellington	355,651	75,000
18009	6-Feb	Transportation Services	Wonderland Road South Two-Lane Upgrade	7,274,323	
18010	23-Jan	Corporate, Operational & Council Services	Implementation Services to Migrate the Existing Microsoft Reports to Microsoft Business Intelligence (BI) Reporting Services	298,793	
18011	6-Feb	Transportation Services	Property Acquisition - Western Road Widening Project	1,063,810	
18012	6-Feb	Transportation Services	Infrastructure Renewal Program - Byron Baseline Road Reconstruction Project	248,040	
18012	6-Feb	Water	Infrastructure Renewal Program - Byron Baseline Road Reconstruction Project	413,400	233,031
18013	6-Feb	Water	Sole Source Award - Acoustic Fiber Optic Monitoring Contract	153,578	
18014	6-Feb	Wastewater & Treatment	North Lambeth P9 Stormwater Management Facility	5,187,170	2,076,927
18015	6-Feb	Water	Consultant Assignment - Southeast Pressure Zone Development - Construction Administration	133,921	
18016	6-Feb	Wastewater & Treatment	Detailed Design and Contract Administration of the Fox Hollow Stormwater Management Facility No. 1 - North Cell	405,500	
18019	6-Feb	Transportation Services	Western Road / Wharcliffe Road North Improvements, Phase 2	6,149,381	
18019	6-Feb	Wastewater & Treatment	Western Road / Wharcliffe Road North Improvements, Phase 2	1,001,253	
18019	6-Feb	Water	Western Road / Wharcliffe Road North Improvements, Phase 2	1,445,165	
18021	21-Feb	Wastewater & Treatment	Single Source Purchase of One Turbo Blower for the Greenway Wastewater Treatment Plant	422,304	339,000
18022	21-Feb	Wastewater & Treatment	Greenway Wastewater Treatment Plant - Expansion Project	481,808	
18023	21-Feb	Wastewater & Treatment	Colonel Talbot Pumping Station	495,655	
18026	21-Feb	Corporate, Operational & Council Services	Dundas Place	96,672	
18026	21-Feb	Transportation Services	Dundas Place	24,991,338	12,753,669
18026	21-Feb	Wastewater & Treatment	Dundas Place	1,937,112	1,000,000
18026	21-Feb	Water	Dundas Place	2,427,981	700,000
18027	21-Feb	Parks, Recreation & Neighbourhood Services	Request for Proposal - Parks and Recreation Strategic Master Plan Update	178,075	
18033	21-Feb	Parks, Recreation & Neighbourhood Services	Ontario Municipal Commuter Cycling (OMCC) Program		3,328,752
18039	23-Feb	Wastewater & Treatment	2018 Infrastructure Renewal Program Contract #6 - West Mile Road, North Mile Road, East Mile Road, Green Lane, Adevon Ave.		18,800
18041	19-Mar	Transportation Services	2018 Infrastructure Renewal Program - Egerton Street and King Street Phase 1 Reconstruction Project	1,435,041	
18041	19-Mar	Wastewater & Treatment	2018 Infrastructure Renewal Program - Egerton Street and King Street Phase 1 Reconstruction Project	3,023,871	661,031
18041	19-Mar	Water	2018 Infrastructure Renewal Program - Egerton Street and King Street Phase 1 Reconstruction Project	1,920,824	
18042	19-Mar	Wastewater & Treatment	Greenway Odour Control and HVAC Equipment Installation	499,743	
18043	19-Mar	Transportation Services	2018 Infrastructure Renewal Program - York Street Sewer Separation	785,506	
18043	19-Mar	Wastewater & Treatment	2018 Infrastructure Renewal Program - York Street Sewer Separation	4,947,752	380,927
18043	19-Mar	Water	2018 Infrastructure Renewal Program - York Street Sewer Separation	1,771,382	
18045	15-Mar	Parks, Recreation & Neighbourhood Services	Single Source Procurement Recreation Activity Management System	143,500	
18046	19-Mar	Parks, Recreation & Neighbourhood Services	Ontario Municipal Greenhouse Gas (GHG) Challenge Fund Transfer Payment Agreement		822,500
18047	19-Mar	Corporate, Operational & Council Services	Ontario Municipal Greenhouse Gas (GHG) Challenge Fund Transfer Payment Agreement	1,382,625	1,382,625
18049	19-Mar	Wastewater & Treatment	One River Environmental Assessment Update	410,381	3,780,279
18050	4-Apr	Transportation Services	Infrastructure Renewal Project - Contract 15 - Main Street	3,530,474	
18050	4-Apr	Wastewater & Treatment	Infrastructure Renewal Project - Contract 15 - Main Street	4,621,690	235,094
18050	4-Apr	Water	Infrastructure Renewal Project - Contract 15 - Main Street	1,055,962	
18053	4-Apr	Protective Services	Enterprise Wide Management / Administration Software	395,236	
18056	4-Apr	Parks, Recreation & Neighbourhood Services	Consulting Services Thames Valley Corridor - SoHo Neighbourhood	306,296	
18057	3-Apr	Transportation Services	Property Acquisition - Bus Rapid Transit Project	205,245	
18058	4-Apr	Transportation Services	Property Acquisition - Bus Rapid Transit Project	208,451	
18063	17-Apr	Wastewater & Treatment	Greenway Rotary Drum Thickener Pre-Purchase	194,674	
18064	17-Apr	Water	2018 Watermain Cleaning and Structural Lining	5,143,428	
18065	17-Apr	Water	Consulting Engineering for Long-Term Storage Options Environmental Assessment	160,593	
18066	17-Apr	Wastewater & Treatment	2018 Infrastructure Renewal Program - Consultant Construction Supervision Awards - Cavendish Crescent and Avalon Street Projects	589,971	
18066	17-Apr	Water	2018 Infrastructure Renewal Program - Consultant Construction Supervision Awards - Cavendish Crescent and Avalon Street Projects	193,575	
18067	17-Apr	Transportation Services	2018 Growth Management Implementation Strategy Southwest Area Trunk Sanitary Sewer - Phase 3	909,603	
18067	17-Apr	Wastewater & Treatment	2018 Growth Management Implementation Strategy Southwest Area Trunk Sanitary Sewer - Phase 3	6,962,578	40,000
18067	17-Apr	Water	2018 Growth Management Implementation Strategy Southwest Area Trunk Sanitary Sewer - Phase 3	43,452	
18068	15-May	Transportation Services	Infrastructure Renewal Project - Contract 11 - Hamilton Road & Sackville Street	1,731,037	
18068	15-May	Wastewater & Treatment	Infrastructure Renewal Project - Contract 11 - Hamilton Road & Sackville Street	1,845,029	8,000

Appendix A - 2018 Capital Budget Activity (Life-To-Date December 31, 2018)

SOF #	Date of Committee Award	Service	Description	Awarded Amount	Budget Adjustments Required
18068	15-May	Water	Infrastructure Renewal Project - Contract 11 - Hamilton Road & Sackville Street	1,149,761	
18069	16-Apr	Wastewater & Treatment	City Services Reserve Fund Claimable Works - 2150 Oxford Street East	309,765	
18070	23-Apr	Transportation Services	Bus Rapid Transit - Environment Assessment Initiative Procurement Options Analysis and Value for Money Assessment	113,101	
18071	15-May	Environmental Services	Construction of Waste Disposal Cell 9 and Extension of On Site Access Road W12A Landfill	4,495,360	3,100,000
18073	1-May	Transportation Services	Property Acquisition - Bus Rapid Transit Project	370,211	
18074	1-May	Transportation Services	Property Acquisition - Bus Rapid Transit Project	174,314	
18075	1-May	Transportation Services	Property Acquisition - Bus Rapid Transit Project	189,831	
18076	1-May	Transportation Services	Property Acquisition - Bus Rapid Transit Project	282,440	
18077	1-May	Transportation Services	Lease of Office Space - Request for Proposal No 17-22 for Rapid Transit Implementation Office - Environmental and Engineering Services London Public Library - 251 Dundas Street	333,333	
18077	1-May	Wastewater & Treatment	Lease of Office Space - Request for Proposal No 17-22 for Rapid Transit Implementation Office - Environmental and Engineering Services London Public Library - 251 Dundas Street	108,334	
18077	1-May	Water	Lease of Office Space - Request for Proposal No 17-22 for Rapid Transit Implementation Office - Environmental and Engineering Services London Public Library - 251 Dundas Street	58,333	
18078	15-May	Transportation Services	Adelaide Street North Widening Environmental Assessment	325,084	57,647
18079	15-May	Wastewater & Treatment	North Routledge Park Sanitary Sewer Servicing	1,680,121	400,000
18080	15-May	Wastewater & Treatment	Design and Construction Administrative Services Dingman Creek Pumping Station Upgrades	993,613	993,613
18081	14-May	Transportation Services	Claimable works for 3313-3405 Wonderland Road South Site Plan	522,537	139,838
18082	15-May	Wastewater & Treatment	Vauxhall-Pottersburg Interconnection Project	6,390,419	
18082	15-May	Water	Vauxhall-Pottersburg Interconnection Project	186,168	
18084	28-May	Transportation Services	Non- Intrusive Vehicle Detection Equipment	458,698	
18085	15-May	Transportation Services	Property Acquisition - Bus Rapid Transit Project	302,824	
18093	19-Jun	Transportation Services	Wharncliffe Road South Improvements	2,089,598	
18094	28-May	Wastewater & Treatment	Supply and Installation of Sewer Liners Cured in Place Pipe (CIPP)	3,402,265	
18095	28-May	Wastewater & Treatment	Stormwater Management Facility (SWM) Land Acquisition Agreement	1,171,085	
18097	19-Jun	Wastewater & Treatment	Infrastructure Renewal Program	1,940,838	
18097	19-Jun	Water	Infrastructure Renewal Program	1,710,145	
18097	19-Jun	Transportation Services	Infrastructure Renewal Program	112,657	
18098	19-Jun	Economic Prosperity	Southwestern Integrated Fibre Technology (SWIFT) Network Project		690,000
18099	18-Jun	Parks, Recreation & Neighbourhood Services	RFP18-11 Consulting Services - Kilally Fields	241,000	
18101	19-Jun	Transportation Services	Hyde Park Road / Sunningdale Road West Roundabout - Appointment of Consulting Engineer	282,932	
18102	19-Jun	Transportation Services	Bradley Avenue Extension - Appointment of Consulting Engineer	516,950	
18103	17-Jul	Wastewater & Treatment	Budget Adjustment for the Dingman Creek and Colonel Talbot Pumping Stations		24,006,387
18104	17-Jul	Wastewater & Treatment	Budget Adjustment for the Dingman Creek and Colonel Talbot Pumping Stations		400,000
18106	19-Jun	Corporate, Operational & Council Services	RFP 18-14 Hydro Excavators	580,032	
18106	19-Jun	Water	RFP 18-14 Hydro Excavators	580,032	
18107	18-Jun	Social & Health Services	Request for Proposal 18-04 - Social Housing Building Inventory	117,253	117,253
18108	18-Jun	Transportation Services	Capital Works Budget Cost Sharing for 164 Sherwood Forest Square	149,887	
18110	19-Jun	Transportation Services	Property Acquisition - Bus Rapid Transit Project	165,882	
18111	19-Jun	Transportation Services	Property Acquisition - Bus Rapid Transit Project	171,534	
18112	19-Jun	Transportation Services	Property Acquisition - Bus Rapid Transit Project	235,245	
18113	18-Jun	Culture Services	Simcoe School WWI Memorial Restoration		42,000
18114	12-Jun	Corporate, Operational & Council Services	RFP18-69 City Hall Power Distribution System Upgrade		
18122	16-Jul	Water	Subdivision Special Provisions - Landea Phase 3 Subdivision	58,308	70,489
18122	16-Jul	Wastewater & Treatment	Subdivision Special Provisions - Landea Phase 3 Subdivision	548,575	
18126	17-Jul	Wastewater & Treatment	Water and Erosion Control Infrastructure (WECI) Program	1,561,380	
18128	16-Jul	Water	Subdivision Special Provisions - Warbler Woods Phase 2	95,797	95,797
18128	16-Jul	Transportation Services	Subdivision Special Provisions - Warbler Woods Phase 2	408,513	393,201
18128	16-Jul	Parks, Recreation & Neighbourhood Services	Subdivision Special Provisions - Warbler Woods Phase 2	95,409	
18136	14-Aug	Transportation Services	Property Acquisition - Bus Rapid Transit Project	227,852	
18137	14-Aug	Transportation Services	Property Acquisition - Bus Rapid Transit Project	318,581	
18139	25-Sep	Transportation Services	1-BR-08 - Riverside Drive Bridge over CNR - Consulting Engineer	173,540	
18140	13-Aug	Wastewater & Treatment	Vauxhall Wastewater Treatment Plant Class EA for Capacity Upgrades	204,226	
18141	13-Aug	Wastewater & Treatment	Wilton Grove Road Sanitary Sewer Replacement - RFT18-73	4,584,510	
18141	13-Aug	Transportation Services	Wilton Grove Road Sanitary Sewer Replacement - RFT18-73	508,800	
18142	13-Aug	Wastewater & Treatment	Establish Budget for Wastewater Operations Equipment Replacement		750,000
18143	13-Aug	Corporate, Operational & Council Services	RFT18-82 Irregular Result - Ride on 72" Out-Front Deck Rotary Mowers	176,655	
18143	13-Aug	Parks, Recreation & Neighbourhood Services	RFT18-82 Irregular Result - Ride on 72" Out-Front Deck Rotary Mowers	25,236	
18144	13-Aug	Wastewater & Treatment	Subdivision Special Provisions - West Five Phase 3 Stage 1	2,025	
18144	13-Aug	Water	Subdivision Special Provisions - West Five Phase 3 Stage 1	31,261	31,261
18144	13-Aug	Transportation Services	Subdivision Special Provisions - West Five Phase 3 Stage 1	200,114	146,800
18147	11-Sep	Protective Services	T18-83 - Vehicle Hoist for Apparatus Repair Bay	193,365	
18150	11-Sep	Economic Prosperity	Property Acquisition - Industrial Land Purchase Strategy	2,961,900	509,780
18152	11-Sep	Wastewater & Treatment	Settlement of Claims for Compensation for Expropriation - Dingman Creek Erosion Control Project	485,000	
18155	11-Sep	Wastewater & Treatment	Subdivision Special Provisions - Colonel Talbot Developments Inc.	705,487	
18156	10-Sep	Wastewater & Treatment	Subdivision Special Provisions - Talbot Village Phase 6	408,437	173,624
18156	10-Sep	Transportation Services	Subdivision Special Provisions - Talbot Village Phase 6	12,127	
18159	25-Sep	Wastewater & Treatment	Municipal Class Environmental Assessment, Kilally South, East Basin	181,409	

Appendix A - 2018 Capital Budget Activity (Life-To-Date December 31, 2018)

SOF #	Date of Committee Award	Service	Description	Awarded Amount	Budget Adjustments Required
18160	25-Sep	Corporate, Operational & Council Services	Single Source Trailer-Mounted Recycled Asphalt Heaters	76,931	
18164	9-Oct	Wastewater & Treatment	Property Acquisition - Portion of 3544 Dingman Drive	328,907	
18165	30-Oct	Transportation Services	2018 Arterial Road Rehabilitation Program - Webber Bourne Reconstruction	631,577	
18166	30-Oct	Protective Services	Land Allocation - Fire Station No 15 Innovation Drive	126,000	
18168	30-Oct	Transportation Services	Rehabilitation of Highbury Ave South & Wenige Expressway Bridge	512,675	
18168	30-Oct	Water	Rehabilitation of Highbury Ave South & Wenige Expressway Bridge	33,805	
18169	9-Oct	Economic Prosperity	RFP18-42 New Entryway Signage for City-Owned Industrial Parks	106,339	681,616
18170	12-Nov	Transportation Services	Appointment of Consulting Engineers - Infrastructure Renewal Program - Contract 'C'	511,214	
18170	12-Nov	Water	Appointment of Consulting Engineers - Infrastructure Renewal Program - Contract 'C'	224,847	
18170	12-Nov	Wastewater & Treatment	Appointment of Consulting Engineers - Infrastructure Renewal Program - Contract 'C'	328,499	
18172	9-Oct	Water	Subdivision Special Provisions - Foxhollow North Kent South Subdivision - Phase 3	19,538	18,990
18173	29-Oct	Wastewater & Treatment	Stoney Creek 2 Stormwater Management Facility Land Acquisition	260,557	
18174	30-Oct	Wastewater & Treatment	459 Second Street - Pottersburg Creek Erosion and PCB Cap Maintenance	356,160	
18175	30-Oct	Water	2017 Infrastructure Renewal Program Contract: Green Valley Road - Delay Claim	191,056	
18176	30-Oct	Wastewater & Treatment	267-275 Ridgewood Crescent Slope Failures	178,080	
18180	13-Nov	Corporate, Operational & Council Services	Microsoft Dynamics CRM Implementation Partner - Phase Five	228,960	
18181	13-Nov	Parks, Recreation & Neighbourhood Services	Property Acquisition - 449 Hill Street	333,255	333,255
18182	13-Nov	Transportation Services	Property Acquisition - Bus Rapid Transit Project	251,487	
18186	10-Dec	Social & Health Services	RFT18-46 Dearness Home Domestic Hot Water Storage Tanks Lifecycle Replacement	127,200	
Subtotal Council Awards				160,105,611	61,962,728
Council Approved Budget Adjustments					
		Water	2017 Year-End Monitoring Report Budget Adjustments ⁽¹⁾		(2,530,686)
		Water	CWWF Project Budget Amendment Phase 1		(3,125,000)
		Wastewater & Treatment	2019 GMIS Update		10,023,700
		Wastewater & Treatment	CWWF Project Budget Amendment Phase 1		1,715,169
		Property Tax	2018 Assessment Growth		1,504,097
		Property Tax	BRT Realignment ⁽²⁾		(129,786,124)
		Property Tax	Adjustments resulting from various Council approved reports		378,113
Subtotal Council Awards & Budget Adjustments				160,105,611	(59,858,003)

	Awarded Amount	Budget Adjustments Required
Council Awards and Budget Adjustments		
Property Tax Budget	73,704,943	(102,354,436)
Wastewater & Treatment Budget	67,143,024	47,002,551
Water Budget	19,257,644	(4,506,118)
Subtotal Council Awards and Budget Adjustments	160,105,611	(59,858,003)
Administrative Awards and Budget Adjustments ⁽³⁾		
Property Tax Budget	30,940,222	1,516,574
Wastewater & Treatment Budget	19,155,050	1,119,632
Water Budget	8,107,015	88,289
Subtotal Administrative Awards and Budget Adjustments	58,202,287	2,724,495
Total Council and Administrative Awards and Budget Adjustments		
Property Tax Budget	104,645,165	(100,837,862)
Wastewater & Treatment Budget	86,298,074	48,122,183
Water Budget	27,364,659	(4,417,829)
Total	218,307,898	(57,133,508)

Notes:

- 1) The budget adjustments presented in the 2017 Year-End Capital Budget Monitoring Report impact the 2018 LTD budget thus they are reflected as a Council approved budget adjustment.
- 2) As per the Corporate Service Committee, June 19, 2018 meeting, agenda item # 2.6, Capital Budget Realignment - Bus Rapid Transit Report, the budget for BRT has been moved forward to align with the latest project roll-out schedule.
- 3) Civic Administration source of financing awards are in accordance with the Procurement of Goods & Services Policy and are reported annually through that process. Budget adjustments include additional revenue from private drain connections and other non-tax supported funding sources.

Appendix B - Summary of 2015 Life-To-Date Capital Budgets (2015 and prior) Having No Future Budget Requests

Project	Project Description	Classification	Service Area	2015 LTD Budget	Committed	Uncommitted	Expected Completion	Explanation
Tax Supported Budget								
GG1545-15	MUNICIPAL BUILDINGS LCR	Life Cycle Renewal	Finance & Corporate	510,000	574,511	(64,511)	Q2 2019	This program is comprised of one remaining project. The overage can be accommodated within the annual lifecycle program budget.
GG1620	DEARNESS MAJOR UPGRADES	Life Cycle Renewal	Housing Social Services & Dearness Home	1,156,000	968,829	187,171	Q2 2019	Awaiting holdback processing and final closeout. Once the project is complete, remaining funds to be rolled into GG162018.
GGMOD1405	PH 5-NETWORK WIRELESS PT	Life Cycle Renewal	Finance & Corporate	106,588	18,676	87,912	Q4 2019	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	21,630	21,182	448	Q4 2019	Ongoing - project will deliver the final phase of the Network Modernization program including documentation provision, assessment and quality assurance activities.
ME2012-01	2012 V&E REPLACEMENT - TCA	Life Cycle Renewal	Environment & Engineering	5,936,299	5,936,299	0	Q2 2019	This project will be considered complete once the chipper truck and graders are received in Q2 2019; these units currently have open purchase orders included in the committed amount.
PD1129-13	2013 DWTN STREET TREE PLANTING	Life Cycle Renewal	Planning	378,392	357,076	21,316	Q4 2019	Funding will be used for tree planting in Old East Parking Lot redevelopment at Queens Park. Construction of project is complete, and trees will be installed this year.
PD1129-14	2014 DWTN STREET TREE PLANTING	Life Cycle Renewal	Planning	288,504	215,309	73,195	Q4 2019	Project delayed due to construction activity on Old Victoria Hospital Lands (OVHL). Funding to be used at OVHL Civic Space for tree planting.
PD1129-15	DOWNTOWN STREET TREE PLANTING	Life Cycle Renewal	Planning	225,000	0	225,000	Q4 2019	Schedule delayed due to land negotiations and pending decisions with respect to the City's rapid transit initiative.
PD1146	DEVELOPMENT MANAGEMENT TRACKING SYSTEM UPGRADE	Life Cycle Renewal	Development & Compliance	180,000	6,156	173,844	2025	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.
PD1173-14	2014 SPRINGBANK PARK UPGRADES	Life Cycle Renewal	Planning	160,000	159,729	271	Q4 2019	Funds for staircase replacement at Springbank Park. Detailed design is in progress which is being funded from this project. Project to be constructed in 2019 using more recent funding.
PD1213	ARCHAEOLOGICAL MASTER PLAN	Life Cycle Renewal	Planning	75,000	64,636	10,364	Q4 2020	The Archaeological Management Plan was approved by Council July 17, 2017. The Official Plan/London Plan has been amended to add the Archaeological Management Plan to the list of Guideline Documents. Remaining funds are allocated to the implementation of the Plan after adoption.
PD1282-14	2014 MAINTAIN NEIGHBOURHOOD PARKS	Life Cycle Renewal	Planning	602,549	530,972	71,577	Q4 2019	Funds will be used for our 2019 CSA upgrades and/or Kiwanis Park Natural Playground structure.
PD1282-15	MAINTAIN NEIGHBOURHOOD PARKS	Life Cycle Renewal	Planning	274,000	221,316	52,684	Q4 2020	\$50k from this account has been earmarked for potential use on Thames Valley Parkway (TVP) North Branch project, subject to tender closing price. Otherwise, funding will go towards Carfrae Park once the One River EA is complete.
PD2063-15	MAINTAIN OPEN SPACE	Life Cycle Renewal	Planning	270,000	151,419	118,581	Q4 2019	These funds have been earmarked for potential use on TVP North Branch project, subject to tender closing price. The funds will otherwise be used for boardwalk repairs at Lambeth Optimist (on hold awaiting senior government infrastructure funding).
PD2134	2009 MAINTAIN THAMES VALLEY	Life Cycle Renewal	Planning	308,494	305,711	2,783	Q4 2019	Open commitments associated with the Kiwanis Park pathway project - to be completed in 2019.
PD2135-13	2013 MAINTAIN THAMES VALLEY	Life Cycle Renewal	Planning	235,686	235,698	(12)	Q4 2019	Open commitments associated with the Kiwanis Park pathway project - to be completed in 2019.
PD2243-14	2014 MAINTAIN ENVIRO SIGNIF AREAS	Life Cycle Renewal	Planning	199,978	187,687	12,291	Q2 2019	Remaining funds will be put towards new pathway in Medway. Construction in progress - will be completed spring 2019.
PD2400	PARK FARM TRUST FUND	Life Cycle Renewal	Planning	91,287	80,386	10,901	Beyond	Trust Fund bequeathed in 1990 "for the purpose of such park including additions thereto" by estate of the last private owner of the municipally-owned heritage property.
PD3020	PICCADILLY URBAN PARKS	Life Cycle Renewal	Planning	39,660	39,660	0	Q2 2019	Piccadilly Park - had been waiting for MOE approvals (received in 2016). Work started 2018 and will be complete spring 2019.

Appendix B - Summary of 2015 Life-To-Date Capital Budgets (2015 and prior) Having No Future Budget Requests

Project	Project Description	Classification	Service Area	2015 LTD Budget	Committed	Uncommitted	Expected Completion	Explanation
PD3020-13	2013 MAINTAIN URBAN PARKS	Life Cycle Renewal	Planning	177,134	175,531	1,603	Q2 2019	Remaining funds to be spent at Piccadilly Park. Work started 2018 and will be complete spring 2019. All available funds will be used.
PD3020-15	MAINTAIN URBAN PARKS	Life Cycle Renewal	Planning	200,000	200,536	(536)	Q2 2019	Piccadilly Park - had been waiting for MOE approvals (received in 2016). Work started 2018 and will be complete spring 2019.
PD3023	5-YEAR OFFICIAL PLAN REVIEW & ASSOCIATED ZONING BY-LAW AMENDMENTS	Life Cycle Renewal	Planning	650,000	509,530	140,470	Beyond	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 (2016-2019). 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, scheduled to commence in April 2020. Unused funds to be transferred to PD2152 for the comprehensive zoning by-law project, targeted for completion by 2022.
PP4325	911 COMMUNICATIONS UPGRADES	Life Cycle Renewal	London Police Services	612,000	574,233	37,767	Q4 2020	Remaining balance in the project will be spent for voice logger and related CAD integration.
PP4444-15	HEADQUARTERS BUILDING REPAIRS	Life Cycle Renewal	London Police Services	500,000	459,960	40,040	Q4 2019	Shifting priorities have impacted initial project plans. Balance of funds expected to be used by the end of 2019.
RC2428	ENHANCED CGAC AQUATIC FUND	Life Cycle Renewal	Parks & Recreation	43,575	38,841	4,734	Q4 2019	This fund is part of an endowment - will be used in 2019.
TS1027	FORESTRY MTCE-GYPSY MOTH	Life Cycle Renewal	Planning	250,000	233,415	16,585	Q4 2019	Oak Wilt Communications Plan in progress; funding being used to create materials, educational outreach and training.
TS1446-14	2014 ROAD REHAB-MAIN	Life Cycle Renewal	Environment & Engineering	10,770,885	10,753,104	17,781	Q4 2019	EA has been initiated and delays have been encountered as City consults with Western regarding BRT. EA expected to be completed later in 2019.
TS1446-15	BLK ROAD REHAB-MAIN	Life Cycle Renewal	Environment & Engineering	11,958,981	11,915,776	43,205	Q4 2019	Awaiting end of warranty & Soho Development.
TS4067-15	TRAFFIC SIGNALS-MTCE	Life Cycle Renewal	Environment & Engineering	3,201,000	2,886,973	314,027	Q3 2020	This is an annual program to rebuild traffic signals. Remaining funds will be transferred to subsequent year projects when outstanding POs are closed.
TS5123-14	2014 STREET LIGHT MAINTENANCE	Life Cycle Renewal	Environment & Engineering	1,212,089	1,179,156	32,933	Q4 2019	This is an annual program to rebuild street lights. Remaining funds will be transferred to TS512317 when outstanding POs are closed.
PD1033-11	2011 NEW DISTRICT PARKS	Growth	Planning	440,000	422,154	17,846	Q4 2020	Ongoing 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 these available funds are needed (plus more recent funds) for washroom upgrade.
PD1382-15	NEW NEIGHBOURHOOD PARKS	Growth	Planning	260,000	182,557	77,443	Q4 2019	Funding for subdivision developer neighbourhood park blocks. \$42k for Victoria on the River (to be completed in 2019). \$35k for Stanton West (completed in 2018 and awaiting billing).
PD2042	2009 NEW MAJOR OPEN SPACE	Growth	Planning	491,500	484,734	6,766	Q4 2019	Remaining funds will be used to address minor deficiencies along the pathway in the Wickerson and Kape Development adjacent to Boler Lands (subdivision capital claims recently processed). Remaining work will occur in 2019, following formal assumptions.
PD2043-12	2012 NEW MAJOR OPEN SPACE	Growth	Planning	620,000	603,734	16,266	Q4 2019	Surplus funding associated with Talbot/Bostwick pathway/trail connections. Remaining amount may be required for other open space linkages servicing same growth area - to be determined in 2019.
PD2043-13	2013 NEW MAJOR OPEN SPACE	Growth	Planning	400,000	304,331	95,669	Q4 2019	Boler Lands & Wickerson Stormwater Management Facility pathway connections. Stormwater Management Division (SWM) is leading storm pond construction. All of the funding will be used. Timing for pathway is subject to City SWM Division schedule, subdivision developers and easements being finalized across Boler Lands. Timing is to be determined, but staff is optimistic all aspects are finalized allowing for implementation in 2019.
PD2043-14	2014 NEW MAJOR OPEN SPACE	Growth	Planning	350,000	51,032	298,968	Q4 2019	Funding for subdivision developer open space linkages. \$100k for West Byron/SWM connections. \$198k for Lambeth P9 facility and surrounding development.
PD2043-15	NEW MAJOR OPEN SPACE NETWORK	Growth	Planning	700,000	387,460	312,540	Q4 2021	\$100k of remaining funding is for Richmond North Pedestrian Bridge detailed design (currently held up with Part II order EA Bump-up request). \$220k of remaining funding is for Stoney Creek open space.
PD2082	MEADOWLILY AREA PLANNING STUDY	Growth	Planning	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 the funds will be required.

Appendix B - Summary of 2015 Life-To-Date Capital Budgets (2015 and prior) Having No Future Budget Requests

Project	Project Description	Classification	Service Area	2015 LTD Budget	Committed	Uncommitted	Expected Completion	Explanation
PD2124-11	2011 NEW THAMES VALLEY PARKWAY	Growth	Planning	389,000	381,933	7,067	Q4 2019	Funding associated with Kiwanis Park pathway project. Any remaining surplus will be used to support 2019 natural playground installation beside the TVP.
PD2124-12	2012 NEW THAMES VALLEY PARKWAY	Growth	Planning	50,000	0	50,000	Q4 2019	Land Assumption Delay - funds for TVP at Victoria on River. TVP has been constructed, but land has not been assumed and capital claim not processed as of yet.
PD2124-13	2013 NEW THAMES VALLEY PARKWAY	Growth	Planning	500,000	26,492	473,508	Q4 2020	Land Assumption Delay - \$75k for TVP extension east of Highbury in Edgevalley Development. Remaining \$400k for Victoria on the River TVP (which is complete, but capital claim not processed) and for Hamilton Road underpass (waiting for land acquisition).
PD2124-15	NEW THAMES VALLEY PATHWAY	Growth	Planning	1,175,000	177,992	997,008	Q4 2020	\$297k of remaining funding is for Old Victoria Hospital Lands TVP - design is in progress. \$150k is for Victoria on River & Hamilton Underpass - land acquisition delay. \$450k is for Byron TVP Connection EA - RFP on hold. \$100k is for Highbury to Clarke - delayed by developer.
PD2181-15	NEW SPORTSPARK	Growth	Planning	150,000	125,720	24,280	Q4 2020	Funding to support field house/pathway connections in Riverbend Park. Delayed due to building ownership issues that are currently being worked through.
PD2230-15	NEW FIELD HOUSES	Growth	Planning	150,000	23,775	126,225	Q4 2020	Funding for Riverbend fieldhouse - delayed due to building ownership issues that are currently being worked through.
PD2253	2010 NEW ENVIRO SIGNIF AREAS	Growth	Planning	260,000	234,541	25,459	Q4 2019	Remaining funds associated with progressing Meadowlilly Ph. 2 Master Plan (currently on hold) and ravine crossing in Kains Environmentally Significant Area (ESA).
PD2253-12	2012 NEW ENVIRO SGNIF AREAS	Growth	Planning	290,000	170,000	120,000	Q4 2020	Meadowlilly ESA Ph. 2 Master Plan & implementation - delayed due to conservation master plan Ph. 1 completion timeline.
PD2253-13	2013 NEW ENVIRO SIGNIF AREAS	Growth	Planning	280,000	258,028	21,972	Q3 2019	Land acquisition delays. Remaining funds are to complete pathway/trail system. Work started fall 2018 and will be completed spring 2019.
PD2253-15	NEW ENVIRONMENTALLY SIGNIFICANT AREAS	Growth	Planning	15,000	0	15,000	Q3 2019	Land acquisition delays. Remaining funds are to complete pathway/trail system. Work started fall 2018 and will be completed spring 2019.
PD2765-15	NEW WOODLAND PARKS	Growth	Planning	60,000	0	60,000	Q4 2019	Funding to implement woodland management plan for new woodlot in Foxfield area (Foxfield Woods).
PD3019-13	2013 NEW URBAN PARKS	Growth	Planning	100,000	100,000	0	Q2 2019	Construction of Talbot Village Urban Park. Construction started fall 2018 and will be complete spring 2019.
PD3019-15	NEW URBAN PARKS	Growth	Planning	350,000	123,818	226,182	Q2 2019	Costs associated with Talbot Village Urban Park and \$200k for capital claims associated with urban park in Victoria on the River subdivision. Both projects will be completed spring 2019.
TS1302-1	COMMISSIONERS ROAD-WONDERLAND TO SPRINGBANK DR PH1	Growth	Environment & Engineering	300,000	296,585	3,415	Q4 2019	Environmental Assessment on hold pending Environmental Study Report Part II Order initiated Jan 2019. Project being coordinated with Byron Pit Secondary Plan.
TS1477-2	HYDE PARK RD WIDENING - PH 2	Growth	Environment & Engineering	15,575,802	14,021,159	1,554,643	Q1 2020	Construction and warranty works complete. Council directed the addition of traffic signals at Hyde Park Road and South Carriage Road in July 2018. Project to remain open to fund.
TS1481-1	BLK WELLINGTON RD WIDENG-PH 1	Growth	Environment & Engineering	2,800,000	593,507	2,206,493	Beyond	Project is to be coordinated with the BRT EA project.
TS1481-2	BLK WELLINGTON RD WIDENING-PH2	Growth	Environment & Engineering	850,000	0	850,000	Beyond	Project is to be coordinated with the BRT EA project.
TS1481-3	BLK WELLINGTON RD WIDENING-PH3	Growth	Environment & Engineering	550,000	0	550,000	Beyond	Project is to be coordinated with the BRT EA project.
TS2170	BRADLEY FROM OLD VICTORIA TO CITY LIMITS	Growth	Environment & Engineering	2,350,000	805,058	1,544,942	Q4 2020	Ongoing engineering assignments.
TS2171	OLD VICTORIA FROM HAMILTON TO HWY 401	Growth	Environment & Engineering	2,110,000	1,300,920	809,080	2022	Upgrade to 2 lane rural arterial to accommodate increased traffic and alignment/structural issues.
GG1730HB	RETENTION OF HERITAGE BLDGS	Service Improvement	City Managers	500,000	438,789	61,211	2021	Funding to maintain heritage buildings on South Street site Phase A and B. Maintenance required until final settlement of land sale.
GG1730PHB	DECOMMISSIONING OF SOUTH ST CAMPUS LANDS PHASE B	Service Improvement	City Managers	2,380,000	0	2,380,000	Q3 2019	Funding for decommissioning of South Street Phase B. Work underway; expected to be complete by Q3 2019.
ID1110	TRAFALGAR INDUSTRIAL PARK	Service Improvement	City Managers	4,062,233	3,788,987	273,246	Q4 2020	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.

Appendix B - Summary of 2015 Life-To-Date Capital Budgets (2015 and prior) Having No Future Budget Requests

Project	Project Description	Classification	Service Area	2015 LTD Budget	Committed	Uncommitted	Expected Completion	Explanation
ID1167	FOREST CITY IND PARK	Service Improvement	City Managers	4,202,798	3,427,435	775,363	Q2 2019	Project for new sanitary along Wilton Grove Rd. Construction completion expected in Q2 2019
ID1168	INNOVATION PARK	Service Improvement	City Managers	26,131,253	24,886,456	1,244,797	Q4 2020	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.

Appendix B - Summary of 2015 Life-To-Date Capital Budgets (2015 and prior) Having No Future Budget Requests

Project	Project Description	Classification	Service Area	2015 LTD Budget	Committed	Uncommitted	Expected Completion	Explanation
ID1170	HURON INDUSTRIAL PARK	Service Improvement	City Managers	6,012,553	5,231,211	781,342	Q4 2020	Ongoing ILDS account. Possible future engineering assignment due to additional lands under option.
PD1015	SOUTH STREET CAMPUS REDEV	Service Improvement	Planning	155,000	119,994	35,006	Q2 2019	This project 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. Phase B of the disposition of the South Street lands has been initiated in 2019 and these funds will be used to support one or more consulting studies (heritage building condition assessment, heritage building repurposing assessment, servicing study update, real estate promotion, etc.).
PD1018	SMART CITY STRATEGY	Service Improvement	Planning	125,000	102,200	22,800	Q4 2019	Phases 1 and 2 are 95% complete. Implementation Strategy to be completed in 2019.
PD1145	PLACEMAKING DESIGN GUIDELINES	Service Improvement	Planning	100,000	100,091	(91)	Q4 2019	Funds are currently being used for completion of Urban Design Guidelines.
PD2633	DEVELOPMENT OF INFORMATION SYSTEM FOR SOCIAL HOUSING ADMINISTRATION	Service Improvement	Housing Social Services & Dearness Home	200,000	139,393	60,607	Q4 2020	Project delayed due to complexities of the software development and the process of working with 7 other Service Managers for approvals, etc. Project development expected to be completed in 2019 with implementation following in 2020. Funds expected to be fully spent to complete the project.
PP1025	INTERFACE & MOBILE DATA	Service Improvement	Neighbourhood Children & Fire Services	1,000,000	420,839	579,161	Q4 2019	Project was delayed due to Fire labour contract negotiations. It was initiated in 2017 and is progressing per new schedule for completion by Q4 2019. Meanwhile, a number of significant sub-projects within this master project are in progress or have been completed.
PP1033	APPARATUS HOIST	Service Improvement	Neighbourhood Children & Fire Services	193,365	0	193,365	Q2 2019	The project was delayed pending completion of Fire labour contract negotiations. Tender was awarded in 2018 and installation is in progress, for completion by April 2019.
PP4490	BUSINESS INTELLIGENCE SOFTWARE	Service Improvement	Neighbourhood Children & Fire Services	226,007	186,804	39,203	Q4 2019	Business intelligence component of this project is complete, however incident analyst component was delayed. Remaining funds will be used as part of project PP1025 as these projects are related.
SW6023	COMMUNITY ENVIRO DEPOTS	Service Improvement	Environment & Engineering	1,500,000	43,740	1,456,260	Q4 2020	Design work for re-configuration of Clarke Road EnviroDepot has started. Once design is complete, Ministry of Environment Conservation and Parks approval applications (Environmental Compliance Approvals) will be submitted, construction will commence once all required approvals are obtained. Project was on hold pending Ministry of the Environment & Climate Change legislation development.
SW6047	MATERIAL RECOVERY FACILITY	Service Improvement	Environment & Engineering	22,459,660	22,375,566	84,094	Q2 2020	Quotation for asphalt repairs was delayed until 2019 due to a change in staff resources. Funds will also be required for repairs to building fire suppressant system piping.
TS1325	VETERANS MEMORIAL SOUTH	Service Improvement	Environment & Engineering	1,148,811	926,367	222,444	Q4 2019	Construction is complete. Account required to cover outstanding realty costs from expropriation.
TS4011	TRAFFIC SIGNAL UPGRADE	Service Improvement	Environment & Engineering	3,643,040	3,508,061	134,979	Q4 2018	The installation of the traffic signal system is complete. The balance of the funds will be used to replace the communication system originally installed when the signal system was installed. A new communication system will reduce annual operating costs.
TS4209	IMPROVED PARKING TECHNOLOGY	Service Improvement	Environment & Engineering	300,000	253,084	46,916	Q4 2019	Parking Services is currently working with ITS and the vendor, however there have been some technical delays with regards to items such as security, process and resources. There are several modules and this is a complex project. Many modules are complete, others in process and some just initiated. To ensure the City is protected and the customer experience is improved, the project needs to be implemented in a careful and controlled manner.
TS5031	TRANSPORTN DEMAND MNG	Service Improvement	Environment & Engineering	320,750	301,167	19,583	Q3 2021	This project has an overall variance of \$150k (\$19,583 + \$130k). \$100k of these funds are assigned to two Public Transit Infrastructure Fund (PTIF) projects. The remaining funds, about \$50k, are assigned to capital expenditures under the Transportation Demand Management (TDM) Program and will be used in 2019 and 2020 to coincide with outcomes of the PTIF projects and related TDM capital expenditures.

Appendix B - Summary of 2015 Life-To-Date Capital Budgets (2015 and prior) Having No Future Budget Requests

Project	Project Description	Classification	Service Area	2015 LTD Budget	Committed	Uncommitted	Expected Completion	Explanation
Wastewater & Treatment Rate Supported Budget								
ES2414-14	BLK 2014 SEWER REPL PROGRAM	Life Cycle Renewal	Environmental & Engineering	13,411,823	13,361,700	50,123	Q3 2019	Most projects are in warranty period; final restorations and deficiencies being addressed.
ES3045	HORTON SANITARY SEWER UPGRADES	Life Cycle Renewal	Environmental & Engineering	480,000	260,994	219,006	Q4 2019	Engineering complete. Remaining funds will be used for flushing operation to complete project.
ES3073	DINGMAN PUMPING STATION AND WATERSHED	Life Cycle Renewal	Environmental & Engineering	3,596,921	3,597,224	(303)	Q4 2019	Construction about to commence with engineering work being finalized early in 2019. Full contingency will not be required which will clear any negative balance.
ES4825-11	2011 MUNICIPAL DRAIN	Life Cycle Renewal	Environmental & Engineering	943,073	450,355	492,718	Q4 2019	Several drainage reconstruction projects supported through this program are in various stages of completion.
ES6066	DINGMAN PUMPING STATION HEADER	Life Cycle Renewal	Environmental & Engineering	500,000	189,405	310,595	Q2 2019	Final geotechnical report being completed.
ES6074	POTTERSBERG WWTP CSO AND INLET	Life Cycle Renewal	Environmental & Engineering	2,798,500	1,822,096	976,404	Q3 2019	Recent optimization studies have recommended interconnecting plants so unused funds will be moved to ES3099 to complete required works.
ES2685	GREENWAY EXPANSION	Growth	Environmental & Engineering	44,943,000	44,542,509	400,492	Q4 2019	Expansion construction mostly complete. Now in warranty period to end of year.
ES3020-HP6	SWM FACILITY - HYDE PARK NO 6	Growth	Environmental & Engineering	2,416,700	1,373,277	1,043,423	Q4 2019	Waiting for final outcome of the Hyde Park EA addendum. This proposed facility is not to be constructed in lieu of other onsite developer built measures. Some of the funds may be used for alternative SWM solutions.
ES3020-PD2	SWM FACILITY- PINCOMBE DRAIN 2	Growth	Environmental & Engineering	2,456,700	0	2,456,700	Q4 2019	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.
ES4402	EXTENSION OF THE STONEY CREEK	Growth	Environmental & Engineering	4,338,407	4,238,407	100,000	Q4 2019	Project completed by developer, awaiting final claim.
ES5016	WONDERLAND PUMPING STATION	Growth	Environmental & Engineering	356,955	195,072	161,883	Q2 2020	Remaining funds will be used to cover works required at Wonderland as a result of Dingman construction and the septage receiving facility.
ES5253	RIVERBEND TRUNK SANITARY SEWER	Growth	Environmental & Engineering	2,117,966	264,116	1,853,850	Q4 2019	Schedule delay due to sewer construction timing linked to construction of adjacent storm water management facility and timing of local subdivision development. Claim from developer expected in 2019 for remaining work.
ESSWM-DCB4	SWM FACILITY DINGMAN CREEK	Growth	Environmental & Engineering	3,638,342	1,905,092	1,733,250	Q3 2019	Construction complete, completion date reflects warranty period. Significantly under budget due to favourable tender pricing, remaining funds to be returned to original source of financing.
ESSWM-HP5	SWM FACILITY - HYDE PARK NO 5	Growth	Environmental & Engineering	6,517,700	366,312	6,151,388	Q4 2019	Waiting for final outcome of the Hyde Park EA addendum. This proposed facility is not to be constructed in lieu of other onsite developer built measures. Some of the funds may be used for alternative SWM solutions.
ESSWM-MM4	SWM FACILITY-MURRAY MARR 4	Growth	Environmental & Engineering	2,100,000	73,948	2,026,052	Beyond	Dingman EA to be completed in Q4 2021. Timing of construction to be defined following EA completion.
ESSWM-SB	SWM FACILITY-WICKERSON NO S-B	Growth	Environmental & Engineering	2,787,549	2,793,315	(5,766)	Q4 2019	Construction complete. Post construction monitoring ongoing
ID2058	INNOVATION PARK-SWR OVERSIZING	Growth	Environmental & Engineering	8,265,000	7,812,924	452,076	Q4 2020	Ongoing engineering assignments. Awaiting for assumption procedures to begin.
ES1721	ECONOMIC DEVELOPMENT	Service Improvement	Environmental & Engineering	8,531,194	7,682,586	848,608	Q2 2019	This project was extended due to damage that occurred to the system prior to full acceptance. The repairs are complete and final payments being coordinated.
ES2442-15	EXTENSION OF SANITARY SERVICES	Service Improvement	Environmental & Engineering	23,440	23,440	0	Q1 2020	Construction completed in 2019, in warranty period until 2020.
ES2463	PPCP AND DOWNTOWN STRATEGY	Service Improvement	Environmental & Engineering	1,500,000	1,129,178	370,822	Q1 2020	Phase 3 of 3 of multi-year project nearing completion. Funding to be used for Subsurface Utility Engineering for downtown sewer separation work.
ES2464-14	BLK COMBINED SEWER SEPARATION	Service Improvement	Environmental & Engineering	6,352,806	6,336,085	16,721	Q2 2019	One project left in warranty period and final work is delayed in the SoHo project. Remaining funds to be transferred to subsequent years' budget for this annual program.
ES2469	SOUTHLAND POLLUTION CONTROL	Service Improvement	Environmental & Engineering	1,550,000	1,349,342	200,658	Q4 2019	Construction is complete, currently in warranty period, and full contingency will not be required.

Appendix B - Summary of 2015 Life-To-Date Capital Budgets (2015 and prior) Having No Future Budget Requests

Project	Project Description	Classification	Service Area	2015 LTD Budget	Committed	Uncommitted	Expected Completion	Explanation
ES2485	OLD OAK SERVICING (FORMER)	Service Improvement	Environmental & Engineering	3,360,000	1,205,106	2,154,894	Q4 2021	Development Charges Project, on hold subject to completion of the Dingman Creek Environmental Assessment (EA). Phase 2 anticipated to be completed in 2021.
ES2486	WONDERLAND RD DITCH REMEDN WRK	Service Improvement	Environmental & Engineering	1,770,028	336,487	1,433,541	2025	Dingman Creek Environmental Assessment is ongoing for Phase 2 study for completion in Q4 2021. Timing of this project to be defined following EA completion.
ES3040-14	2014 MINOR SURFACE FLOODING	Service Improvement	Environmental & Engineering	357,768	102,393	255,375	Q4 2020	Birchwood Drive surface flooding improvements currently delayed in legal proceedings. Birchmount St. Flooding – reviewing possible source of flooding.
ES3054	BURBROOK TRUNK STORM SEWER	Service Improvement	Environmental & Engineering	16,101,847	16,009,878	91,969	Q2 2021	Current work completed. Remaining funds to be used for design of sewer separation in the Burbrook area.
ES3087	HURON INDUSTRIAL PARK SERVICE	Service Improvement	Environmental & Engineering	1,122,673	421,110	701,563	Q1 2021	Stormwater Management Facility Environmental Assessment, followed by detailed design and then tendering.
ES5234	ADELAIDE WASTEWATER TREATMENT	Service Improvement	Environmental & Engineering	1,898,500	20,148	1,878,352	Q4 2020	On hold pending legislation. Study may be undertaken to determine needs and improve operation short term. To be determined.
ES6089	APPLEGATE SWMF REMEDIATION	Service Improvement	Environmental & Engineering	280,000	211,104	68,896	Q4 2019	Contractor has not addressed all deficiencies. Pathway asphalt to be completed as part of a separate task.
ID2058-3A	INNOVATION PARK - SEWER	Service Improvement	Environmental & Engineering	315,000	242,145	72,855	Q4 2020	Ongoing engineering assignments. Awaiting for assumption procedures to begin.
Water Rate Supported Budget								
EW3526	ARVA PUMPNG STATION ANNUAL	Life Cycle Renewal	Environmental & Engineering	1,925,189	1,875,189	50,000	Q4 2019	Projects (component refurbishment; replacement) under review. Procurement of appropriate materials to commence in Q2 2019.
EW3540	ELGIN MIDDLESEX PUMPING	Life Cycle Renewal	Environmental & Engineering	1,800,000	1,800,123	(123)	Q4 2019	The work on this project has reached substantial completion and is currently in the warranty stage. Project can be closed once warranty is complete.
EW3572	COMMISSIONERS ROAD WATERMAIN	Life Cycle Renewal	Environmental & Engineering	1,050,000	1,055,000	(5,000)	Q3 2019	Work constructed in 2016, final deficiencies being resolved.
EW3765-14	BLK 2014 MAIN REPLACEMENT	Life Cycle Renewal	Environmental & Engineering	7,844,896	7,845,743	(847)	Q3 2019	The main replacement program is a long term program for the replacement of watermains and water services. Many replacement projects take multiple years to complete.
EW3765-15	BLK MAIN REPLACE ENGINEERING	Life Cycle Renewal	Environmental & Engineering	6,608,477	6,609,280	(803)	Q4 2020	The main replacement program is a long term program for the replacement of watermains and water services. Many replacement projects take multiple years to complete.
EW3787-15	BLK MAIN REPLACEMENT WITH MJR	Life Cycle Renewal	Environmental & Engineering	1,517,213	1,517,213	0	Q4 2020	The main replacement program is a long term program for the replacement of watermains and water services. Many replacement projects take multiple years to complete.
EW3614	SE PUMPING STATION-RESERVOIR	Growth	Environmental & Engineering	55,728,118	55,212,576	515,542	Q4 2020	Project substantially completed. Works still being undertaken for operational improvements.
EW3628	EXPANSION OF SOUTHEAST	Growth	Environmental & Engineering	2,700,000	2,376,436	323,564	Q2 2020	Construction delayed due to tender being reissued. Under construction for completion in 2019, warranty period will follow.
EW3619	WHITE OAK PUMPING STATION	Service Improvement	Environmental & Engineering	700,000	36,912	663,088	Q4 2019	Awaiting filing of Class EA prior to retaining a consultant to undertake demolition tender.
Total				372,087,289	323,363,357	48,723,932		

Appendix C – Completed Capital Projects (as of December 31, 2018)

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											
GG1555-14 City Hall Major Upgrades	Lifecycle	1,625,398.00	1,625,397.87	0.13				0.13			
GG1555-15 City Hall Major Upgrades	Lifecycle	416,060.00	416,059.62	0.38				0.38			
GG184117 Museum London Repairs	Lifecycle	350,000.00	350,000.00	-							
GG1640 Building Accessibility	Lifecycle	550,000.00	540,846.12	9,153.88		9,153.88					
GG1667 Simcoe School WWI Memorial Restoration	Lifecycle	42,000.00		42,000.00				42,000.00			
GG1671 LAVIII Public Art Monument	Lifecycle	100,000.00	55,585.41	44,414.59				44,414.59			
GG1683 Facilities Condition	Lifecycle	380,615.00	368,951.11	11,663.89		11,663.89					
GGMOD1805 F5 Load Balancer Upgrade	Lifecycle	146,113.00	146,112.70	0.30				0.30			
GGITSEC1701 Cyber Ark Upgrade	Lifecycle	17,197.00	17,197.46	(0.46)				(0.46)			
ME2013-01 2013 Vehicle & Equipment - TCA	Lifecycle	1,127,042.00	1,127,041.91	0.09				0.09			
ME2014-01 2014 Vehicle & Equipment - TCA	Lifecycle	5,423,899.00	5,423,899.39	(0.39)				(0.39)			
ME2015-01 2015 Vehicle & Equipment - TCA	Lifecycle	2,963,523.00	2,963,522.77	0.23				0.23			
ME201601 2016 Vehicle & Equipment - TCA	Lifecycle	4,783,774.00	4,783,774.72	(0.72)				(0.72)			
ME201602 2016 Vehicle & Equipment - Non-TCA	Lifecycle	83,745.00	83,744.69	0.31				0.31			
MU104418 Bus Purchase Replacement (Note (1))	Lifecycle	4,466,400.00	4,548,024.23	(81,624.23)	Project over budget due to unanticipated expenses; being funded through available Provincial Gas Tax.						(81,624.23)
PD123517 Street Tree Planting	Lifecycle	404,968.00	404,968.45	(0.45)		(0.45)					
PD2324-14 2014 Municipally Owned Heritage Buildings	Lifecycle	280,541.00	280,541.26	(0.26)		(0.26)					
PD2324-15 2015 Municipally Owned Heritage Buildings	Lifecycle	688,455.00	688,454.88	0.12		0.12					
PD2324-16 2016 Municipally Owned Heritage Buildings	Lifecycle	470,935.00	470,935.14	(0.14)		(0.14)					
PD2754-15 Woodland Management	Lifecycle	150,000.00	145,267.46	4,732.54		4,732.54					
PP1123-15 Replace Firefighter Equipment	Lifecycle	503,929.00	503,929.08	(0.08)				(0.08)			
PP4314-15 Replace Police Vehicles	Lifecycle	973,100.00	973,513.69	(413.69)				(413.69)			
RC2201-CGAC Canada Games Aquatic Centre Major Upgrades	Lifecycle	6,547,636.00	6,547,635.28	0.72				0.72			
TS1165-15 Warranted Sidewalks	Lifecycle	181,303.00	181,302.73	0.27		0.27					
TS3014-15 Road Rehab-Local & Rural	Lifecycle	5,631,539.00	5,631,539.30	(0.30)		(0.30)					
TS3037-15 Sidewalk Repairs & Replacement	Lifecycle	1,088,996.00	1,088,996.38	(0.38)		(0.38)					
TS3135 Exterior Lighting Sportsfields	Lifecycle	435,854.00	370,607.46	65,246.54	Project under budget due to favourable tender results.	65,246.54					
TS331017 Road Surface Treatment	Lifecycle	403,324.00	403,253.16	70.84		70.84					

Appendix C – Completed Capital Projects (as of December 31, 2018)

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
TS405817 Traffic Calming Program	Lifecycle	70,633.00	70,633.49	(0.49)		(0.49)					
TS4067-14 2014 Traffic Signals - Mtce	Lifecycle	2,096,357.00	2,096,356.68	0.32		0.32					
TS618616 Centennial Hall Upgrades	Lifecycle	168,977.00	168,976.73	0.27		0.27					
TS618617 Centennial Hall Upgrades	Lifecycle	15,834.00	15,834.29	(0.29)		(0.29)					
TS126416 Rural Intersection	Growth	162,548.00	162,548.17	(0.17)				(0.17)			
GG1030 Core Area Servicing Studies & Intensification Nodes Servicing Studies	Growth	673,899.00	641,655.69	32,243.31				32,243.31			
PP1088 Relocate Fire Station #11	Growth	2,309,321.00	2,287,535.18	21,785.82			5,846.00	1,407.75	14,532.07		
PD223017 New Field House-Constitution Park (Canada 150)	Growth	300,000.00	293,539.33	6,460.67					32.26		6,428.41
RC2772 New Spray Pad-Constitution Park (Canada 150)	Growth	450,000.00	453,368.67	(3,368.67)							(3,368.67)
TS1032 Complete Streets Guideline	Growth	100,000.00	101,066.87	(1,066.87)		(533.44)			(533.43)		
TS1037 Transportation Network Model Update	Growth	150,000.00	149,905.81	94.19					94.19		
GGSERVLN1801 Service London-CRM Implementation Phase 4	Service Improvement	278,364.00	278,363.86	0.14			0.14				
GG1559 Demolish Lorne Ave School	Service Improvement	3,000,000.00	1,154,144.82	1,845,855.18	Project under budget due to favourable tender results along with full contingency not required.			1,845,855.18			
ID1140 River Road Industrial Park Servicing	Service Improvement	3,306,000.00	3,182,052.27	123,947.73	An allowance for additional servicing for this industrial park is no longer required.		123,947.73				
ID1141 River Rd Outlet Sewer Industrial Park	Service Improvement	2,563,303.00	2,418,825.21	144,477.79	An allowance for additional servicing for this industrial park is no longer required.		121,978.00	22,499.79			
ID1150OXF Oxford Business Park	Service Improvement	103,079.00	103,078.71	0.29				0.29			
ID1166 Oxford Street Business Park	Service Improvement	1,983,291.00	459,063.59	1,524,227.41	An allowance for additional servicing for this industrial park is no longer required.		57,936.41	1,466,291.00			
ID1168-3A Innovation Park-Dr. Oetker	Service Improvement	385,000.00	268,912.96	116,087.04	An allowance for additional servicing for this industrial park is no longer required.			116,087.04			
ID1368 Innovation Park - Claimable Works	Service Improvement	2,000,000.00	693,027.37	1,306,972.63	Certain works no longer eligible to claim from Urban Works Reserve Fund.			544,909.14			762,063.49
PD1073 Thames Valley Parkway Rehabilitation-South Branch PTIF	Service Improvement	1,000,000.00	1,000,000.22	(0.22)		(0.22)					
PD2083 By-law Enforcement & Property Standards Vehicle Purchase	Service Improvement	20,118.00	20,204.47	(86.47)		(86.47)					
PD2084 Building Approvals Vehicle Purchase	Service Improvement	67,203.00	63,921.62	3,281.38		3,281.38					
PD2138 Expansion of Kiwanis Park Pathway System (Canada 150)	Service Improvement	1,770,000.00	1,769,998.17	1.83		1.83					
PD2247 Improvement of Main Trail at Westminster Ponds	Service Improvement	297,000.00	172,512.84	124,487.16	Project under budget due to favourable tender results.	124,487.16					
PP204116 Demolition of 280 York Street & 340 Wellington	Service Improvement	500,000.00	418,892.94	81,107.06	Project under budget due to favourable tender results.			81,107.06			
TS4204 Downtown Parking Initiatives	Service Improvement	500,000.00	306,643.02	193,356.98	Project under budget due to favourable tender results.			193,356.98			
MU118018 Bus Expansion Existing	Service Improvement	1,200,200.00	1,200,200.00	-							-
TOTAL TAX SUPPORTED		65,707,473.00	60,092,365.25	5,615,107.75		218,016.60	309,708.28	4,357,515.64	46,368.23	-	683,499.00

Appendix C – Completed Capital Projects (as of December 31, 2018)

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
WASTEWATER & TREATMENT											
ES2414-13 2013 Sewer Replacement Program	Lifecycle	9,152,694.00	9,152,694.38	(0.38)				(0.38)			
ES2414-15 2015 Sewer Replacement Program	Lifecycle	11,574,296.00	11,574,296.35	(0.35)				(0.35)			
ES2428-14 2014 Erosion Remediation in Open Watercourses Management & Reclamation	Lifecycle	512,289.00	512,288.72	0.28				0.28			
ES2428-15 2015 Erosion Remediation in Open Watercourses Management & Reclamation	Lifecycle	101,789.00	101,789.12	(0.12)				(0.12)			
ES2473 Gordon Trunk Sewer Rehabilitation	Lifecycle	8,166,863.00	8,002,573.27	164,289.73	Project under budget due to favourable tender results along with full contingency not required.			164,289.73			
ES2488 West London Dykes	Lifecycle	2,023,214.00	2,023,214.11	(0.11)				(0.11)			
ES252317 Sewer Construction, Extensions	Lifecycle	909,493.00	909,493.29	(0.29)				(0.29)			
ES5084-14 2014 Replace Equipment WWTP	Lifecycle	1,135,033.00	1,135,032.72	0.28				0.28			
ES515016 Pumping Station Improvements	Lifecycle	103,946.00	103,946.32	(0.32)				(0.32)			
ES3020-FH1 SWM Facility - Fox Hollow No. 1	Growth	4,785,200.00	4,627,757.10	157,442.90	Project under budget due to favourable tender results along with full contingency not required.			6,428.90	86,526.00	64,488.00	
ESSWMSD6A SWM Facility - Sunningdale 6A	Growth	1,800,000.00	-	1,800,000.00	SWM Facility will not be constructed. An alternative is being implemented within the subdivision servicing design in lieu of the SWM facility construction.				1,800,000.00		
ID2056 Skyway Industrial Park-Sewer Oversizing	Growth	957,514.00	811,727.81	145,786.19	Contingencies for additional servicing for the industrial park are no longer required.					145,786.19	
ID2156 Skyway Industrial Park-Sewer Local	Growth	1,036,000.00	965,796.40	70,203.60	Contingencies for additional servicing for the industrial park are no longer required.					70,203.60	
ES2075 CWWF Office Space - Wastewater	Service Improvement	108,334.00	108,332.75	1.25				1.25			
ES2108 Thames River Clear Water Revival	Service Improvement	150,000.00	153,410.87	(3,410.87)				(3,410.87)			
ES3059 Dayus Creek Trunk Storm Sewer Replacement	Service Improvement	400,000.00	-	400,000.00	Work was changed to re-line sewer rather than replace; done under a different project. Funding no longer required.			400,000.00			
ES5143 Hauled Liquid Waste Receiving	Service Improvement	1,001,327.00	809,356.75	191,970.25	Project under budget due to favourable tender results along with full contingency not required.			191,970.25			
TOTAL WASTEWATER & TREATMENT		43,917,992.00	40,991,709.96	2,926,282.04		-	-	759,278.25	1,886,526.00	280,477.79	-

Appendix C – Completed Capital Projects (as of December 31, 2018)

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
WATER											
EW162717 Meter Replacement Program	Lifecycle	1,800,000.00	1,611,612.56	188,387.44	Funding not required because a separate metering initiative through London Hydro was completed in 2017.			188,387.44			
EW162718 Meter Replacement Program	Lifecycle	1,800,000.00	939,391.17	860,608.83	Significant cost savings were realized through the bulk purchase of meters rather than on an as-needed basis. Meter replacements were completed ahead of schedule and under budget by the contractor.			860,608.83			
EW3539 Springbank Reservoirs 1 & 3 Protective Membrane Condition - CWWF	Lifecycle	51,000.00	33,295.04	17,704.96				4,426.21			13,278.75
EW371716 Inspect Trunk Concrete Pressure Pipes	Lifecycle	260,819.00	260,818.85	0.15				0.15			
EW384218 Replace Lead and Copper Water Services	Lifecycle	2,000,000.00	159,413.94	1,840,586.06	Replacement work was undertaken internally using available resources rather than being procured through external contractors.			1,840,586.06			
EW3833-14 2014 Main Replacement Mtce	Lifecycle	876,816.00	876,815.84	0.16				0.16			
EW1505 CWWF Office Space -Water	Service Improvement	58,333.00	58,331.93	1.07				1.07			
EW1631 Corporate Asset Management Contribution	Service Improvement	400,000.00	15,812.42	384,187.58	Project set up originally to fund Corporate Asset Management system which later became a corporate project so funding no longer required.			384,187.58			
EW3772-15 Water Efficiency Program	Growth	350,000.00	331,865.41	18,134.59				16,637.59	1,497.00		
TOTAL WATER		7,596,968.00	4,287,357.16	3,309,610.84		-	-	3,294,835.09	1,497.00	-	13,278.75
GRAND TOTAL		117,222,433.00	105,371,432.37	11,851,000.63		218,016.60	309,708.28	8,411,628.98	1,934,391.23	280,477.79	696,777.75

Notes:

1) The total budget of \$4.5 million for the Bus Replacement program represents \$2.2 million funded by the City, \$1.5 million funding from Federal Gas Tax and \$0.8 million from Provincial Gas Tax.