

Report to Corporate Services Committee

To: Chair and Members, Corporate Services Committee
From: Anna Lisa Barbon, Deputy City Manager, Finance Supports
Subject: 2021 Mid-Year Capital Budget Monitoring Report
Date: September 20, 2021

Recommendation

That, on the recommendation of the Deputy City Manager, Finance Supports, the following actions be taken with respect to the 2021 Mid-Year Capital Budget Monitoring Report:

- a) the 2021 Mid-Year Capital Budget Monitoring Report **BE RECEIVED** for information, it being noted that the life-to-date capital budget represents \$2.36 billion with \$1.48 billion committed and \$0.89 billion uncommitted; it being further noted that the City Treasurer, or designate, will undertake the housekeeping budget adjustments identified in the Report, in accordance with the Multi-Year Budget Policy adopted by amending by-law No. CPOL.-45(b)-239;
- b) the status updates of active 2018 life-to-date capital budgets (2018 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 \$2.5 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 \$247 thousand **BE TRANSFERRED** to capital receipts;
- B) authorized debt financing of \$44 thousand **BE RELEASED** resulting in a reduction of authorized, but unissued debt;
- C) uncommitted reserve fund drawdowns of \$1.4 million **BE RELEASED** back into the reserve funds which originally funded the projects;

Non-Rate Supported

- D) uncommitted reserve fund drawdowns of \$832 thousand **BE RELEASED** back into the reserve funds which originally funded the projects;

Executive Summary

This report provides a summary of the results related to the 2021 capital budget for the Property Tax Supported Budget, the Water Rate Supported Budget, and the Wastewater & Treatment Rate Supported Budget.

In response to the COVID-19 pandemic the Strategic Priorities and Policy Committee received reports on June 23, 2020 and September 22, 2020, addressing the COVID-19 Financial Impacts and 2020 Assessment Growth Allocations. The net effect of the capital budget deferrals and subsequent reinstatements through these reports resulted in \$2.6 million of capital budget and associated works permanently deferred. The deferrals were reflected in the 2020 operating budget net surplus.

At the midway point of 2021 the City's life-to-date capital budget stood at \$2.36 billion; \$1.48 billion (62.5%) is committed to capital work, while \$0.89 billion (37.5%) remains uncommitted. During the first half of the calendar year 97 discrete contract awards worth \$119.2 million were awarded; 55 by Council and 42 by Civic Administration

(Appendix “A”). These awards contributed to total capital spending of \$48.0 million by the halfway mark of 2021; a near return to 2019 pre-pandemic levels.

In addition to the update provided on the status of the City’s capital budget, the capital monitoring process reviews and evaluates that status for each active capital project. This report identifies capital projects with budgets greater than three years old that have no future budget requests (Appendix “B”). These projects have a high likelihood of being closed in future iterations of this report. This report recommends closing 49 capital projects with a total budget value of \$37.3 million (Appendix “C”). If approved, the closing of completed capital projects will return a total of \$2.5 million back to their original rate and non-rate sources of financing.

This report also provides a summary of the City’s debt, key capital budget financing strategies, and emerging issues that may impact the 2021 to 2023 capital budgets.

Linkage to the Corporate Strategic Plan

Council’s 2019 to 2023 Strategic Plan for the City of London identifies “Leading in Public Service” as one of five strategic areas of focus. The Capital Monitoring Report supports this strategic area of focus via the strategic priority “The City of London is a leader in public service as an employer, a steward of public funds, and an innovator of service” which includes maintaining London’s finances in a transparent and well-planned manner to balance equity and affordability over the long term.

Analysis

1.0 Background Information

1.1 Previous Reports Related to this Matter

Strategic Priorities and Policy Committee, April 27, 2021 meeting, Agenda Item # 4.3, 2020 Year-End Capital Budget Monitoring Report and COVID-19 Financial Impacts
<https://pub-london.escribemeetings.com/filestream.ashx?DocumentId=80256>

Strategic Priorities and Policy Committee, September 22, 2020 meeting, Agenda Item # 2.2, 2020 Mid-Year Capital Budget Monitoring Report and COVID-19 Financial Impacts
<https://pub-london.escribemeetings.com/filestream.ashx?DocumentId=74794>

Strategic Priorities and Policy Committee, September 22, 2020 meeting, Agenda Item # 2.3, 2020 Assessment Growth Funding Allocation #2
<https://pub-london.escribemeetings.com/filestream.ashx?DocumentId=74796>

Strategic Priorities and Policy Committee, June 23, 2020 meeting, Agenda Item # 2.3, COVID-19 Financial Impacts - Update
<https://pub-london.escribemeetings.com/filestream.ashx?DocumentId=73213>

Strategic Priorities and Policy Committee, April 28, 2020 meeting, Agenda Item # 2.1, COVID-19 Financial Impacts and Additional Measures for Community Relief
<https://pub-london.escribemeetings.com/filestream.ashx?DocumentId=72691>

1.2 Source of Financing Terminology Defined

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 utility 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.

2.0 Discussion and Considerations

2.1 COVID-19 Financial Impacts

In response to the COVID-19 pandemic the Strategic Priorities and Policy Committee received multiple reports on June 23, 2020 and September 22, 2020, addressing the COVID-19 Financial Impacts and 2020 Assessment Growth Allocations. The net effect of the capital budget deferrals and subsequent reinstatements through these reports resulted in \$2.6 million of capital budget and associated works permanently deferred. The deferrals were reflected in the 2020 operating budget net surplus.

In the first half of 2021, capital expenditures appear to be recovering to 2019 pre-pandemic levels. This is reflected in the number and value of contract awards that took place in the first half of 2019 (91 awards / \$128.0 million) versus 2021 (97 awards / \$119.2 million). This is also visible via the results below, section 2.5 – Capital Cash Flow – Figure 1, where the City’s first half capital expenditures have increased to \$48.0 million (up \$11.3 million over the same period in 2020) and rival similar results in 2019 (\$48.4 million).

2.2 2020 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 contract awards and proceed with capital projects. Each report includes a Source of Financing (SofF). Most awards are within the approved capital budget, but some awards require budget adjustments as detailed in the SofF. Budget adjustments may also result from the application of assessment growth funding, receipt of senior government funding and other revenue sources such as insurance proceeds and private drain connections.

Other capital project awards proceed under administrative authority granted by the Procurement of Goods and Services Policy; details on these approvals are provided in an annual report from the Purchasing and Supply Division.

Table 1 summarizes 2021 life-to-date capital budget adjustments by Tax Supported, Wastewater and Treatment, and Water budgets. Appendix “A” provides details on the source of these adjustments.

Table 1 – 2021 Capital Budget Life-To-Date Revisions as of June 30, 2021 (\$Thousands)

Budget	2021 Life-to-Date Approved Budget (as of January 1, 2021)	2021 Council Budget Adjustments ¹	2021 Administrative Budget Adjustments	2021 Life-to-Date Approved Budget (as of June 30, 2021)
Tax Supported	1,451,719	-2,329	3,037	1,452,427
Wastewater	641,515	3,345	158	645,018
Water	262,837	0	429	263,267
Total	2,356,072	1,016	3,624	2,360,713

Subject to rounding.

Table Notes: (1) The material negative amount reported for the Tax Supported Budget is the net effect of Council approved contract awards that increased the capital budget, and adjustments approved via Appendix ‘D’ of the 2020 Year-End Capital Budget Monitoring Report that decreased the capital budget.

As of June 30, 2021, there were 97 discrete contract awards worth \$119.2 million (55 were awarded by Council and 42 were awarded administratively). Table 2 summarizes 2021 year-to-date contract awards by Tax Supported, Wastewater and Treatment, and Water budgets. Appendix “A” provides details on all Council approved contract awards.

Table 2 – 2021 Capital Budget Contract Awards as of June 30, 2021 (\$Thousands)

Budget	Council Approved Contract Awards	Administration Approved Contract Awards	Total Awards
Tax Supported	24,086	19,832	43,918
Wastewater	43,313	12,219	55,532
Water	9,569	10,184	19,752
Total	76,968	42,234	119,201
Number of Contract Awards	55	42	97

Subject to rounding.

2.3 2021 Life-To-Date Capital Budget Status

A summary of the 2021 life-to-date capital budget, including the committed and uncommitted amounts, 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 – 2021 Life-To-Date Capital Budget Details as of June 30, 2021 (\$Thousands)

Budget	Classification	Approved Budget ¹	Actual and Commitments ²	Uncommitted to Date ²	Percent Committed
Tax Supported	Lifecycle	455,058	298,866	156,192	65.7%
Tax Supported	Growth	663,108	330,658	332,450	49.9%
Tax Supported	Service Improvement	334,262	202,135	132,127	60.5%
Tax Supported	Sub-Total	1,452,427	831,659	620,768	57.3%
Wastewater	Lifecycle	185,890	152,199	33,691	81.9%
Wastewater	Growth	326,831	191,178	135,654	58.5%
Wastewater	Service Improvement	132,296	91,195	41,101	68.9%
Wastewater	Sub-Total	645,018	434,572	210,446	67.4%
Water	Lifecycle	167,869	137,485	30,384	81.9%
Water	Growth	86,109	67,092	19,017	77.9%
Water	Service Improvement	9,289	4,787	4,502	51.5%
Water	Sub-Total	263,267	209,364	53,903	79.5%
City	Total	2,360,713	1,475,595	885,117	
City	Percentage of Total	100.0%	62.5%	37.5%	

Subject to rounding.

Table Notes:

(1) Totals are for active projects only. Projects approved to be closed during 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 no projects,

at this time, projected to be over budget by more than \$50 thousand upon project completion.

Appendix “B” contains a status update for capital projects with budgets greater than three years old (2018 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”.

2.4 Capital Budget Housekeeping Adjustments

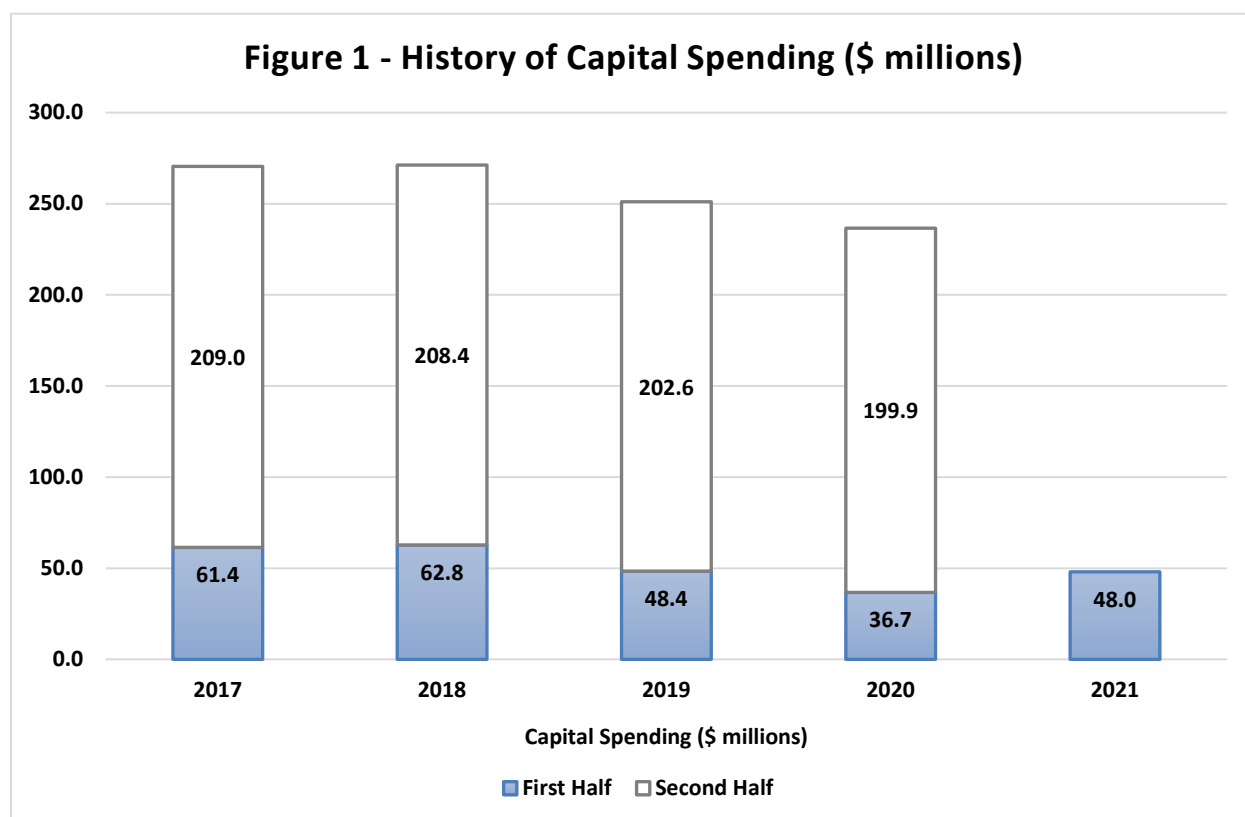
On August 10, 2021, Council approved the Council Policy Manual Review, which includes the Multi-Year Budget Policy. Included in the policy is authorization for the City Treasurer or designate to make budget adjustments considered “housekeeping” in nature. These adjustments do not have a material impact 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. Furthermore, this practice results in the timely release of funding to the original source of the financing (capital receipts, reserve funds, debt, etc.), making it available for future budget approvals and reducing future budget requests for additional financing.

There are no significant housekeeping budget adjustments to report for the first half of 2021.

2.5 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. Total capital spending tends to be greater during the latter part of the year as construction invoices are received, approved, and paid. This information is important for the timing of debt issuances, reserve fund drawdowns and cash flow management decisions.

As of June 30, 2021, **total capital spending was \$48.0 million** compared to \$36.7 million in 2020 (Figure 1 below).



2.6 Completed (Closed) Capital Projects

Civic Administration continues to undertake reviews to close capital projects in a timely manner to ensure the life-to-date capital budget is accurately stated and savings, if any, are returned to their original funding source for future budget utilization. As a result of these reviews, this report recommends closing 49 projects with a total budget value of \$37.3 million. The completed projects that are recommended to be closed were under budget by \$2.5 million in total. The rate and non-rate source of financing impacts of closing the completed capital projects is summarized in Table 4 and 5 below. For a detailed listing of each completed capital project refer to Appendix "C".

Table 4 – Completed Capital Projects Rate Supported Sources of Financing to be Released (\$Thousands)

Budget	Capital Levy	Debt	Reserve Funds	Total
Tax Supported	246.9	0.0	181.0	427.9
Wastewater	0.0	44.0	35.8	79.8
Water	0.0	0.0	1,186.6	1,186.6
Total	246.9	44.0	1,403.4	1,694.3

Subject to rounding.

Table 5 – Completed Capital Projects Non-Rate Supported Sources of Financing to be Released (\$Thousands)

Budget	Reserve Funds ¹	Debt ¹	Other ²	Total
Tax Supported	284.1	0.0	0.0	284.1
Wastewater	547.8	0.0	0.0	547.8
Water	0.0	0.0	0.0	0.0
Total	831.9	0.0	0.0	831.9

Subject to rounding.

Table Notes:

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

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

In total, the capital project closing exercise, if approved, will release uncommitted rate and non-rate reserve fund drawdowns of \$2.2 million, of which, \$1.4 million relates to rate supported reserve funds and \$832 thousand relates to non-rate supported reserve funds. The details of these pending reserve fund drawdown releases are outlined in Table 6 and 7 below.

Table 6 – Completed Capital Projects Rate Supported Reserve Fund Drawdowns to be Released (\$Thousands)

Reserve Fund	Amount
Industrial Oversizing - General Reserve Fund	7.7
Land Acquisition Reserve Fund	160.8
Tree Bank Reserve Fund	12.5
Sewage Works Renewal Reserve Fund	35.8
Water Works Renewal Reserve Fund	1,186.6
Total	1,403.4

Subject to rounding.

Table 7 – Completed Capital Projects Non-Rate Supported Reserve Fund Drawdowns to be Released (\$Thousands)

Reserve Fund	Amount
City Services Reserve Fund Police	239.8
City Services Reserve Fund Roads	44.3
City Services Reserve Fund Wastewater	547.8
Total	831.9

Subject to rounding.

2.7 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:

Table 8 – Lifecycle Renewal Capital Budget Funding Targets

Source of Financing	Target ¹	2021	2022
Capital levy (pay-as-you-go) is the primary source	40% - 90% Capital Levy (pay-as-you-go)	63.9%	60%
Reserve funds can be used if they are eligible	10% - 40% Reserve Funds	35.7%	40%
Avoiding the use of debt financing for lifecycle renewal projects	0% Debt by 2022	0.4% ²	0%

Table Notes:

(1) Targets apply to the rate supported component only. Non-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) The 2020 to 2023 Multi-Year Budget includes minimal lifecycle renewal debt financing in 2021 before officially meeting the target in 2022.

2.8 Capital Budget Financing Strategies – Reserve Funds

Obligatory reserve funds are primarily used as a source of financing for growth projects. 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 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) **Canada Community-Building Fund** – previously known as Federal Gas Tax, funds received under the Municipal Funding Agreement for Transfer of Canada Community-Building Fund 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 and Reserve Funds – Noteworthy Developments

Civic Administration presented the Reserve Rationalization Report at the September 25, 2018, Corporate Services Committee meeting (agenda item #2.2) and the Capital Asset Renewal and Replacement Reserve Funds Rationalization Report at the September 8, 2020, Corporate Services Committee meeting (agenda item #2.1). These reports aligned a significant portion of the City’s reserve and reserve fund portfolio with key Council approved financial management policies (examples include Reserve and Reserve Fund Policy, Capital Budget and Financing Policy, and Corporate Asset Management Policy). Additionally, through these reports transparency and accountability has been enhanced, target balances have been established, and administrative efficiencies realized.

Civic Administration will continue similar rationalization exercises focusing on the City’s special projects and new initiatives, capital asset growth, and contingency, stabilization and risk management reserves and reserve funds categories. These reports will be brought forward to Council upon completion, noting that Civic Administration’s tentative plans are to complete these reports before the end of 2023.

2.9 Capital Budget Financing Strategies – Debt

A summary of the projected debt levels for 2021 is detailed in Table 9 below.

Table 9 – 2021 Debt Level as of June 30, 2021 (\$Thousands)

Category	Dec 31, 2020	Issued in 2021	Retired in 2021	Dec 31, 2021 ¹	Authorized 2021	Total Potential
Property Taxes	139,657	14,062	29,913	123,807	135,765	259,571
Wastewater	33,008	-	8,346	24,662	3,199	27,862
Water	549	-	337	213	-	213
Rate Supported Reserve Funds	5,786	-	2,034	3,752	-	3,752
Joint Water Boards – City’s Share	9,967	-	2,250	7,718	2,438	10,155
City Services Reserve Funds	90,127	8,938	12,706	86,359	103,809	190,168
Total	279,095	23,000	55,585	246,510	245,210	491,721

Subject to rounding.

Table Note:

(1) Outstanding debt level is subject to completion of 2021 financial statement audit.

The City’s Debt Management Policy was last amended by Council on August 10, 2021 (amending by-law No. CPOL.-48(a)-242). The policy establishes strategies for the management of the City’s debt program. These strategies are outlined in tables 10 and 11 below.

Table 10 – Debt Management Strategies to Limit and Reduce Authorized Debt

Strategy	Target	Where Are We? / Results
Avoid the use of debt financing for lifecycle renewal projects	0% debt by 2022 for the rate supported budget	2021 results: 0.4% debt, on pace to achieve 0% debt target in 2022
Limiting debt financing by way of an internal debt cap	Average of \$36 million over 10-year capital plan for property tax supported initiatives	2021 results: forecasted 10-year average of \$33.2 million in debt financing (per 2021 Annual Update)
Reducing authorized debt as prescribed by the Surplus/Deficit and Assessment Growth Policies	No specified targets, policies direct 50% of any operating surplus and 50% of excess assessment growth funding be applied to reduce authorized debt	2021 results: 2020 year-end surplus diverted to help offset operating impacts of the COVID-19 pandemic on a one-time basis, and 2021 excess assessment growth of \$34 thousand applied.
Applying surplus from the capital financing budget	No specified target, subject to available surplus	2021 results: \$44 thousand in 2021 Mid-Year Capital Budget Monitoring Report.

Table 11 – Debt Management Strategies to Minimize Debt Servicing Costs

Strategy	Target	Where Are We? / Results
Setting targets for debt servicing costs by budget	Debt servicing costs as a percentage of revenue: Property Tax less than 8%, Wastewater less than 10%, and Water equal to 0%	2021 results: Property Tax 5.2%, Wastewater 8.4%, Water 0.4% ¹
Maintaining a strong credit rating	Aaa (Stable)	2021 result: Aaa (Stable)

Table Note:

(1) Debt servicing costs as a percentage of revenue in the Water budget is temporarily over the established target because of prior year debt issuances, noting that the Water capital budget has not included rate supported debt financing since 2010.

2.10 Emerging Issues

This section of the report provides information on emerging issues that may impact the capital budget in 2021 and beyond. Within this section, each emerging issue is assigned a likelihood, which estimates the issues probability of impacting the 2021 to 2023 period. These likelihoods are categorized as high, medium, and low, and are defined as follows:

- High – likelihood of the issue impacting the 2021 to 2023 period is predicted to be greater than 60%.
- Medium – likelihood of the issue impacting the 2021 to 2023 period is predicted to be between 30% and 60%.
- Low – likelihood of the issue impacting the 2021 to 2023 period is predicted to be less than 30%.

PROPERTY TAX

Infrastructure Funding

Investing in Canada Infrastructure Program (ICIP) - Public Transit Stream

The City of London was approved for ten transit related projects under this program for a total project cost of \$375 million, with \$103.1 million from the Government of Ontario,

\$123.8 million from the Government of Canada and the balance of funding, approximately \$148 million, coming from municipal and other sources. Construction on some Public Transit Stream funded projects started in 2020, with most projects continuing or starting construction in 2021.

Investing in Canada Infrastructure Program (ICIP) - Community, Culture and Recreation Infrastructure Stream

This stream supports community infrastructure priorities. The City of London was approved for two projects under this stream.

1. Labatt Park - \$2.0 million. This project includes the installation of accessible washrooms, repair and replacement of bleachers, and replacement of sport lighting. Construction is scheduled to start September 30, 2022, with completion scheduled by April 30, 2023.
2. Carling Heights Optimist Community Centre (CHOCC) - \$1.9 million. This project includes a teaching kitchen space, installation of an elevator, and other building renewal components. Construction is scheduled to start March 31, 2023, with completion scheduled by March 31, 2024.

The transfer payment agreement for this program was presented to Municipal Council on September 14 to authorize the Mayor and City Clerk to execute the agreement.

Investing in Canada Infrastructure Program (ICIP) - COVID-19 Community Resilience Stream

In August 2020, the Federal Government announced a new COVID-19 Resilience Infrastructure Stream to help with social and economic recovery from the health and economic crisis brought on by COVID-19. In October 2020, the Government of Ontario announced that London's allocation under this program was \$5.5 million. London was subsequently approved for two categories of projects under this stream.

1. Active Transportation - \$3.75 million. This project includes new cycling facilities, boulevard bicycle path improvements and downtown sidewalk improvements.
2. Recreation Facilities - \$1.75 million. This project includes HVAC rehabilitation at the Carling and Stronach arenas and the Boyle Community Centre.

The transfer payment agreement for this program was presented to Municipal Council on September 14 to authorize the Mayor and City Clerk to execute the agreement.

Green and Inclusive Community Buildings Program (GICB)

In December 2020, the federal government recognized that municipal and community buildings play a role in Canada's climate response and allocated \$1.5 billion for retrofits, repairs or upgrades of existing buildings and the construction of new public buildings.

The GICB program opened in April 2021 and in July and August 2021, Civic Administration submitted three applications under this program.

1. Southeast Community Centre and Library (New) - \$25 million requested
2. Nichols Arena Deep Energy Retrofit - \$2.4 million requested
3. Kinsmen Arena Deep Energy Retrofit - \$2.2 million requested

Applications under \$3 million are to be considered on a continuing basis, while applications over \$3 million will be considered through a competitive evaluation based on eligibility criteria.

Canada Community Revitalization Fund (CCRF)

On June 24, 2021, the Federal Government announced the Canada Community Revitalization Fund (CCRF), a national investment of \$500 million over two years. Its aim is to help communities across Canada build and improve community infrastructure projects so they can rebound from the effects of the COVID-19 pandemic. The guidelines focused on downtown or downtown-type areas of the city. Applications were due quickly, by July 23.

Civic Administration submitted seven applications including: the village green in Hyde Park; the parkette between RBC Place and King Street; wayfinding signage and kiosks and street closure activation infrastructure in the core area; and lighting and event infrastructure in Victoria Park. Civic Administration is working with the Federal Economic Development Agency (FedDev) for Southern Ontario who are administering the program on behalf of the Federal Government.

Other New Funding Programs

In addition to the above programs, two other funding programs were recently announced. The Tourism Relief Fund (TRF), a national investment of \$500 million over two years, supports tourism businesses and organizations to adapt their operations to meet public health requirements while investing in products and services to facilitate their future growth. The Community Building Fund, a fund offered through the Ontario Trillium Foundation, invests in the arts and culture, heritage, tourism, sport and recreation sectors to support Ontario's recovery. Civic Administration is working through potential projects for these two programs.

Likelihood of Impact on 2021 to 2023 Budget - High

Zero-Emission Bus Implementation Plan and Funding

On August 25, 2021, the London Transit Commission received preliminary information from the Canadian Urban Transit Research and Innovation Consortium (CUTRIC) on the Zero-Emission Bus (ZEB) Implementation Strategy they are conducting for London. The approach recommends ten 40' battery electric buses and related charging infrastructure including three high-powered overhead charging units (installed at facility or on-road) and four low-powered plug-in charging units (installed at facility). The Commission directed LTC administration to work with Civic Administration to create a business case for Municipal Council as part of the 2022 Budget Update.

LTC administration was also directed to continue discussions with CUTRIC regarding London's participation in a ZEB turnkey joint procurement initiative which will assist transit agencies and operators in leveraging the economies of scale associated with ZEBs and allied charging/fueling infrastructure.

On February 10, 2021, the Federal Government announced \$14.9 billion over the next eight years to support public transportation projects across Canada. On August 10, 2021, the Minister of Infrastructure and Communities announced a \$2.75 billion Zero Emission Transit Fund, a five year national program to help communities to support the purchase of 5,000 zero emission public transit and school buses and associated infrastructure.

The Zero Emission Transit Fund will support both Planning and Design Projects including studies, modelling and feasibility analysis, and Capital Projects including buses, charging and refueling infrastructure. Infrastructure Canada will provide direct funding contributions to support planning and capital projects and will also work with the Canada Infrastructure Bank which will provide flexible financing solutions through a \$1.5 billion Zero Emission Bus initiative.

Further clarification on the Zero Emission Transit Fund will not be available until after the Federal election and a Minister of Infrastructure has been appointed, noting the election outcome could impact this program. LTC Administration will continue to monitor this program and work with Civic Administration to complete any forms or expressions of interest required to ensure that London is in a position to receive a share of this funding. Civic Administration is also reviewing other potential funding sources for this initiative, noting that a recommended funding strategy will be included in the aforementioned 2022 budget amendment.

Likelihood of Impact on 2021 to 2023 Budget - High

Transportation Budget Amendments

Several large, complex transportation growth projects will require realignment and adjustment of their project budgets as they move from environmental assessment to

detailed engineering design. The Southdale Road project and the Wharncliffe Road project will both require additional funding in 2022 and the Sunningdale Road project will require additional funding in 2023. These projects will be submitted as budget amendments in the 2022 Budget Update. These projects are primarily supported by development charges funding.

Likelihood of Impact on 2021 to 2023 Budget - High

Corporate Asset Management Plan

On August 27, 2019 Municipal Council approved the 2019 Corporate Asset Management Plan (AMP), an update to the 2014 AMP, which is compliant with O.Reg 588/17 for directly owned City assets. On July 26, 2021, the Corporate AMP 2021 Review was released which showed that the City of London owns and maintains assets with a replacement value of approximately \$22.2 billion (including Water and Wastewater) and that the City manages its infrastructure to keep it in generally 'Good' condition. Projected spending on lifecycle assets will be more than \$1.8 billion over ten years resulting in an infrastructure investment gap of roughly \$666.9 million over the cumulative 10-year period of 2021 to 2030.

To address the infrastructure gap, Municipal Council approved additional funding for the Capital Infrastructure Gap Reserve Fund through the 2020 to 2023 Multi-Year Budget. The City will also address the gap through different financial strategies including pursuing funding from external sources, incorporating reinvestment rate concepts through assessment growth, and, continuing to utilize one-time funding where available.

Likelihood of Impact on 2021 to 2023 Budget – High

Inflationary Pressures

As a result of COVID-19 and subsequent supply chain disruptions and increased demand for certain raw materials, many projects in the approved capital plan are experiencing inflationary pressures. The cost of wood, steel and many other materials has increased. These projects are also experiencing an increase in labour costs. Civic Administration will continue to monitor these inflationary pressures and attempt to manage the scope of these projects to reduce the impact. Should budget changes be required, these adjustments would be included in future capital budgets.

Likelihood of Impact on 2021 to 2023 Budget - Medium

Affordable Housing – 3,000 Unit Plan

On April 13, 2021, Municipal Council directed Civic Administration to expedite the development of 3,000 affordable housing units, as set out in "Housing Stability Action Plan" (HSAP), to be in place in five years, instead of ten years as set out in the Plan; and that Civic Administration be directed to report back with an implementation plan, including financial impacts. Civic Administration has engaged an external consultant to assist with development of this plan. The implementation plan inclusive of financial impacts is expected to be presented to Council this fall.

Likelihood of Impact on 2021 to 2023 Budget - Medium

Facilities Infrastructure

With Municipal Council's declared climate emergency, the City must reduce its emissions to zero by 2050. Additional capital funding will likely be required to include sustainability and resiliency scope into future life cycle renewal and large capital projects for facilities infrastructure.

In addition, Canada committed to a phase-out schedule for domestic consumption of Hydrochlorofluorocarbons (HCFCs). This means the City will no longer have access to R22 refrigerant and such equipment will have to be replaced with suitable new units.

Likelihood of Impact on 2021 to 2023 Budget - Medium

WASTEWATER & WATER

Corporate Asset Management Plan 2021 Update (Water; Wastewater)

The Corporate Asset Management Plan outlines the City's plans for the management of its \$22.2 billion worth of infrastructure. The 2021 Update was recently completed, and the City of London owns and maintains approximately \$15.9 billion worth of water and wastewater assets representing 71% of all City owned assets. The plan identified a 10-year cumulative infrastructure gap for the City's stormwater and wastewater systems of \$11.9 million. The City's water system currently does not have a 10-year infrastructure gap.

Based on this update and given the present asset information, the projected investment suggested in the 20-year plan is appropriate. Staff will continue to monitor the infrastructure gaps and will act if necessary. Staff will continue to monitor the wastewater infrastructure gap including undertaking study work to provide higher quality information to better quantify the Wastewater Treatment Infrastructure gap moving forward.

Likelihood of Impact on 2021 to 2023 Budget - High

Senior Government Funding Programs (Water; Wastewater)

The first phase of several projects was completed with funding from federal/provincial programs. There is a risk that the subsequent phases of this previously announced funding will not materialize. This would leave the future phases of several major infrastructure projects incomplete and inoperative. One specific example is the pumping station required for the Vauxhall/Pottersburg interconnection. City staff are monitoring the situation with other levels of government and advocating on behalf of these funding programs while also looking for other grant programs to help offset future costs.

Likelihood of Impact on 2021 to 2023 Budget - High

Excess Soils (Water; Wastewater)

Ministry (MECP) Regulation (406/19) has a new framework for the excavation, removal and transport of "excess soils" between two or more sites. This new framework will apply to most construction projects that generate "excess soil." There is some uncertainty to what extent the costs of our capital projects will be impacted. As a result, the City should anticipate potential pressures on the Water/Wastewater capital plans.

City staff are working with the heavy construction industry to understand the potential impact of these changes on costs moving forward. In addition, City staff are working with the engineering consulting community to promote the reuse of soils during capital projects.

Likelihood of Impact on 2021 to 2023 Budget - Medium

Climate Emergency Action Plan (Flood Proofing and Protection) (Wastewater)

Flood proofing of several of the City's wastewater treatment plants and flood control dykes have been identified in the previous 2015 to 2019 corporate strategic plan. It was anticipated that funding would be available as part of the Federal/Provincial infrastructure program. The City of London was successful in securing \$19.8 million in federal funding to support the Adelaide and Greenway Wastewater Treatment Plant Flood Protection Project.

There are still several remaining wastewater infrastructure projects that require federal/provincial funding. If the federal/provincial program is canceled, a strategy for addressing this need will need to be established as part of the budget update process.

Likelihood of Impact on 2021 to 2023 Budget - Low

Canada-Ontario Lake Erie Action Plan (Wastewater)

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 is directly linked with the availability of federal and provincial funding. Staff will continue to monitor the availability of funding and will submit applications for this work at every opportunity.

Likelihood of Impact on 2021 to 2023 Budget - Low

Conclusion

Key items included in the 2021 Mid-Year Capital Budget Monitoring Report include the following:

The 2021 life-to-date capital budget:

- \$1.48 billion (62.5%) of the \$2.36 billion 2021 life-to-date capital budget is committed, leaving \$0.89 billion (37.5%) of approved capital funding uncommitted.
- A status update for active 2018 life-to-date capital budgets (2018 and prior) that have no future budget requests is provided in Appendix “B”.

A total of 49 completed capital projects with a total budget value of \$37.3 million and surplus of \$2.5 million are recommended to be closed with surplus funding returned to the original source of financing (Appendix “C”).

Emerging issues were identified that may impact the capital budget in the 2021 to 2023 period. Civic Administration will continue to monitor these issues and report back to Council and the community in a timely manner.

Prepared by: Jason Davies, CPA, CMA, Manager III, Financial Planning and Policy and Lauren Pasma, Capital Budget Officer, Financial Planning and Policy

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Recommended by: Anna Lisa Barbon, CPA, CGA, Deputy City Manager, Finance Supports

Cc: Alan Dunbar – Manager III, Financial Planning and Policy
Ian Collins – Director, Financial Services
John Millson – Senior Financial Business Administrator
Meng Liu – Senior Financial Business Administrator

Attachments:

Appendix A - 2021 Capital Budget Activity (Life-To-Date June 30, 2021)

Table 1 - 2021 Council Awards Details

Source of Financing Number	Date of Committee Award	Service Program	Description	Awarded Amount	Budget Adjustments
21001	2021-01-19	Transportation Services	Appointment of Consulting Engineer - Oxford Street West & Gideon Drive Intersection Improvements	177,541	177,541
21002	2021-01-18	Transportation Services	Property Purchase - Southdale Road West and Wickerson Road Improvements Project	178,894	0
21003	2021-01-18	Transportation Services	Property Purchase - Dingman Drive Road Improvements Project	144,050	0
21004	2021-01-19	Corporate, Operational and Council Services	RFP20-72 Supply and Delivery of Medium Duty Crew Cab Trucks	263,361	0
21004	2021-01-19	Wastewater and Treatment	RFP20-72 Supply and Delivery of Medium Duty Crew Cab Trucks	325,786	0
21005	2021-01-19	Wastewater and Treatment	Appointment of Consulting Engineer - Springbank Dam Decommissioning	334,096	0
21006	2021-01-19	Water	RFP20-60 Large Diameter Watermain Inspection	1,059,877	0
21007	2021-01-19	Environmental Services	Appointment of Consulting Engineer - W12A Landfill Site Proposed Expansion	62,074	0
21008	2021-01-18	Transportation Services	Property Purchase - Southdale Road West Improvements Project	252,185	0
21009	2021-02-09	Transportation Services	Appointment of Consulting Engineer - Cycling Projects	245,743	0
21010	2021-02-09	Wastewater and Treatment	Appointment of Consulting Engineer - Carling Creek Stormwater Servicing Master Plan	172,314	0
21011	2021-02-09	Wastewater and Treatment	Appointment of Consulting Engineer - Metamora Stormwater Outfall Replacement	166,316	0
21012	2021-02-09	Wastewater and Treatment	Consulting Contract Increase - Mud Creek Channel Reconstruction	358,572	0
21013	2021-02-08	Transportation Services	Property Purchase - Dingman Drive Road Improvements Project	149,216	0
21014	2021-03-01	Protective Services	Single Source SS21-08 Infrastructure Managed Services and Core Upgrade for Emergency Communications System	754,042	0
21015	2021-02-09	Corporate, Operational and Council Services	RFP20-61 Supply and Delivery of Combination Sewer Cleaning Truck	372,628	0
21015	2021-02-09	Wastewater and Treatment	RFP20-61 Supply and Delivery of Combination Sewer Cleaning Truck	227,636	0
21016	2021-02-09	Transportation Services	T21-01 Downtown Loop and Municipal Infrastructure Improvements	6,057,099	644,315
21016	2021-02-09	Wastewater and Treatment	T21-01 Downtown Loop and Municipal Infrastructure Improvements	2,226,840	0
21016	2021-02-09	Water	T21-01 Downtown Loop and Municipal Infrastructure Improvements	890,564	0
21017	2021-02-09	Transportation Services	Appointment of Consulting Engineer - Cycling Projects	261,706	0
21021	2021-03-02	Wastewater and Treatment	Appointment of Consulting Engineer - Greenway and Adelaide Wastewater Treatment Plants	309,903	123,961
21022	2021-03-02	Water	RFT20-23 Watermain Cleaning and Relining Program	986,485	0
21023	2021-03-02	Protective Services	Upgrade the Computer Aided Dispatch System and Migrate to OnCall Analytics	286,978	0
21025	2021-03-01	Transportation Services	Property Purchase - Southdale Road West Improvements Project	154,868	0
21026	2021-03-02	Transportation Services	Appointment of Consulting Engineer - Dingman Drive Improvements	499,057	0
21027	2021-03-02	Environmental Services	Appointment of Consulting Engineer - New Landfill Gas Flaring Station	224,919	0
21029	2021-03-01	Transportation Services	Property Purchase - Wellington Gateway Project	504,998	0
21031	2021-03-30	Wastewater and Treatment	RFT21-11 Infrastructure Renewal Program - Burlington Street and Paymaster Avenue	2,379,441	0
21031	2021-03-30	Water	RFT21-11 Infrastructure Renewal Program - Burlington Street and Paymaster Avenue	1,586,295	0
21032	2021-03-30	Transportation Services	RFT21-12 Infrastructure Renewal Program - Contract 10 - Brydges Street, Swinyard Street, Muir Street	1,520,224	0
21032	2021-03-30	Wastewater and Treatment	RFT21-12 Infrastructure Renewal Program - Contract 10 - Brydges Street, Swinyard Street, Muir Street	2,768,150	0
21032	2021-03-30	Water	RFT21-12 Infrastructure Renewal Program - Contract 10 - Brydges Street, Swinyard Street, Muir Street	1,842,966	0
21033	2021-03-30	Wastewater and Treatment	Appointment of Consulting Engineer - Infrastructure Renewal Program - Talbot Street	188,983	0
21033	2021-03-30	Water	Appointment of Consulting Engineer - Infrastructure Renewal Program - Talbot Street	125,989	0
21034	2021-03-30	Parks, Recreation and Neighbourhood Services	RFT21-16 Infrastructure Renewal Program - English Street and Lorne Avenue Reconstruction	5,399	0
21034	2021-03-30	Transportation Services	RFT21-16 Infrastructure Renewal Program - English Street and Lorne Avenue Reconstruction	708,116	0
21034	2021-03-30	Wastewater and Treatment	RFT21-16 Infrastructure Renewal Program - English Street and Lorne Avenue Reconstruction	2,432,395	91,750
21034	2021-03-30	Water	RFT21-16 Infrastructure Renewal Program - English Street and Lorne Avenue Reconstruction	1,088,259	0
21035	2021-03-30	Social and Health Services	Single Source SS21-12 Architect to Act as Prime Consultant for Dearness Home Auditorium Expansion	214,714	0
21036	2021-04-20	Economic Prosperity	RFT21-07 Innovation Park Assumption Works	2,718,771	0
21036	2021-04-20	Wastewater and Treatment	RFT21-07 Innovation Park Assumption Works	575,333	0
21038	2021-03-30	Parks, Recreation and Neighbourhood Services	Invasive Species Management Update and Funding Plan	375,000	375,000
21039	2021-03-29	Transportation Services	Property Purchase - Wonderland Road Improvements	490,429	0
21043	2021-03-30	Environmental Services	Updated Environmental Assessment Consulting Costs - W12A Landfill Site	210,495	0

Appendix A - 2021 Capital Budget Activity (Life-To-Date June 30, 2021)

Table 1 - 2021 Council Awards Details

Source of Financing Number	Date of Committee Award	Service Program	Description	Awarded Amount	Budget Adjustments
21051	2021-05-11	Transportation Services	Supply and Delivery of Intersection Detection Systems	583,997	0
21052	2021-04-20	Wastewater and Treatment	Appointment of Consulting Engineer - Infrastructure Renewal Program - Regent Street and Maitland Street	60,461	0
21052	2021-04-20	Water	Appointment of Consulting Engineer - Infrastructure Renewal Program - Regent Street and Maitland Street	295,190	0
21053	2021-04-20	Wastewater and Treatment	Greenway Wastewater Treatment Plan UV Disinfection Equipment	1,385,299	0
21054	2021-04-20	Wastewater and Treatment	RFT21-23 Infrastructure Renewal Program and Mornington Stormwater Management Pond Expansion	3,770,801	0
21054	2021-04-20	Water	RFT21-23 Infrastructure Renewal Program and Mornington Stormwater Management Pond Expansion	780,079	0
21055	2021-04-19	Economic Prosperity	Property Purchase - Innovation Industrial Park	356,615	0
21056	2021-04-26	Parks, Recreation and Neighbourhood Services	Subdivision Special Provisions - W3 Subdivision	94,671	0
21056	2021-04-26	Wastewater and Treatment	Subdivision Special Provisions - W3 Subdivision	229,575	0
21059	2021-04-26	Wastewater and Treatment	Subdivision Special Provisions - Colonel Talbot Developments Inc.	257,953	0
21061	2021-05-11	Wastewater and Treatment	Appointment of Consulting Engineer - Infrastructure Renewal Program - Sackville Street and Watson Street	388,101	0
21061	2021-05-11	Water	Appointment of Consulting Engineer - Infrastructure Renewal Program - Sackville Street and Watson Street	112,502	0
21062	2021-05-11	Wastewater and Treatment	RFT21-19 Dingman Creek Pumping Station	22,774,945	5,828,200
21065	2021-05-11	Transportation Services	Appointment of Consultant - Sarnia Road/Philip Aziz and Western Road Environmental Assessment	315,436	0
21066	2021-05-11	Corporate, Operational and Council Services	RFP21-30 Supply and Delivery of Hydraulic Drum Brush Chippers	355,799	0
21066	2021-05-11	Parks, Recreation and Neighbourhood Services	RFP21-30 Supply and Delivery of Hydraulic Drum Brush Chippers	32,970	0
21067	2021-05-10	Transportation Services	Property Purchase - Southdale Road West and Wickerson Road Improvements Project	169,408	0
21068	2021-05-10	Transportation Services	Property Purchase - Southdale Road West and Wickerson Road Improvements Project	170,799	0
21070	2021-05-11	Wastewater and Treatment	Wilton Grove Sanitary Sewer Replacement	318,896	0
21073	2021-06-01	Wastewater and Treatment	Appointment of Consulting Engineer - Infrastructure Renewal Program - Assignment A, C, D, F	938,240	0
21073	2021-06-01	Water	Appointment of Consulting Engineer - Infrastructure Renewal Program - Assignment A, C, D, F	625,490	0
21074	2021-06-01	Wastewater and Treatment	Purchase of Rotary Drum Thickener for Greenway Wastewater Treatment Plant	190,352	0
21075	2021-06-01	Wastewater and Treatment	Emergency Repair of Dewatering Centrifuge for Greenway Wastewater Treatment Plant	152,640	0
21078	2021-05-31	Transportation Services	Property Purchase - Downtown Loop and Municipal Infrastructure Improvements	409,760	127,690
21079	2021-05-31	Transportation Services	Property Purchase - Downtown Loop and Municipal Infrastructure Improvements	723,790	723,790
21080	2021-06-01	Transportation Services	Appointment of Consulting Engineer - White Oaks Road 2-Lane Upgrades	253,961	0
21082	2021-05-31	Wastewater and Treatment	Subdivision Special Provisions - Landea Creekview	380,104	0
21082	2021-05-31	Water	Subdivision Special Provisions - Landea Creekview	27,256	0
21083	2021-06-01	Transportation Services	RFT21-63 Hyde Park Road and Sunningdale Road West Roundabout	3,786,142	0
21083	2021-06-01	Water	RFT21-63 Hyde Park Road and Sunningdale Road West Roundabout	147,659	0
Total				76,967,598	8,092,247

Appendix A - 2021 Capital Budget Activity (Life-To-Date June 30, 2021)

Table 2 - 2021 Council Approved Budget Adjustments Details

Budget	Description	Budget Adjustment
Property Tax	2021 Assessment Growth	225,737
Property Tax	Adjustments resulting from various Council approved reports	-4,603,265
Wastewater and Treatment	Adjustments resulting from various Council approved Awards	-2,698,555
Total		-7,076,083

Appendix A - 2021 Capital Budget Activity (Life-To-Date June 30, 2021)

Table 3 - Council Approved Awards and Budget Adjustments Summary

Budget	Awarded Amount	Budget Adjustments
Property Tax Budget	24,085,855	-2,329,192
Wastewater and Treatment Budget	43,313,132	3,345,356
Water Budget	9,568,611	0
Subtotal Council Awards and Budget Adjustments	76,967,598	1,016,164

Table 4 - Administrative Awards and Budget Adjustments Summary

Budget	Awarded Amount	Budget Adjustments
Property Tax Budget	19,831,657	3,037,213
Wastewater and Treatment Budget	12,218,581	158,107
Water Budget	10,183,660	429,094
Subtotal Administrative Awards and Budget Adjustments¹	42,233,898	3,624,414

Notes:

1) Civic Administration source of financing awards are in accordance with the Procurement of Goods and Services Policy and are reported annually through that process.

Table 5 - Combined Council Approved and Administrative Awards and Budget Adjustments Summary

Budget	Awarded Amount	Budget Adjustments
Property Tax Budget	43,917,512	708,021
Wastewater and Treatment Budget	55,531,713	3,503,463
Water Budget	19,752,271	429,094
Total Council Approved and Administrative Awards and Budget Adjustments	119,201,496	4,640,578

Appendix B - Summary of 2018 Life-To-Date Capital Budgets Having No Future Budget Requests

Project	Project Description	Classification	Service Program	2018 LTD Budget	Committed	Uncommitted	Expected Completion Date	Explanation
ES2331	Sewer Separation Program Acceleration - CWWF	Service Improvement	Environmental Services	10,496,281	10,219,490	276,791	Q4 2021	Funding extension recently received allowing invoicing to be processed to Sept 30, 2023. Remaining variance due to favourable construction outcome on other construction projects now complete (e.g. release of contingency).
ES2334	Sewer Separation & Infrastructure Renewal Planning - CWWF	Life Cycle Renewal	Environmental Services	2,689,769	2,545,849	143,920	Q3 2021	Project tendered in 2021; awaiting completion of final invoicing.
ES2436	Weeping Tile Disconnection	Service Improvement	Environmental Services	1,151,936	19,015	1,132,921	Q4 2021	Delayed due to COVID. Revised program now underway. Funding required for program and to cover equipment that was purchased for this monitoring program. Monitoring cannot continue without this funding. Purchase of new equipment required to expand this service in 2021.
ES2476	Elliot-Laidlaw Remediation	Life Cycle Renewal	Environmental Services	200,000	0	200,000	Q4 2023	Project need to be assessed with Dingman Creek Stage 2 Lands Environmental Assessment (EA).
ES2681	Mud Creek East BR Stormwater	Growth	Environmental Services	9,259,800	9,294,069	-34,269	Q4 2023	Current construction to be complete in 2021 with a subsequent warranty period. Phase 1 project split into two sub-phases for construction. Phase 1A currently under construction. Phase 1B to be constructed in 2021. Future PO closing will address variance.
ES3020-HP6	SWM Facility - Hyde Park No. 6	Growth	Environmental Services	2,416,700	1,256,089	1,160,611	Q4 2023	This project will be divided into two consultant assignments and construction projects to satisfy the required SWM works identified in the Hyde Park EA Amendment. Funding required to pay the works identified in the Hyde Park EA Addendum in lieu of SWM Facility #6.
ES3020-PD2	SWM Facility - Pincombe Drain No. 2	Growth	Environmental Services	2,416,700	1,256,089	1,160,611	Q4 2021	Funding to be retained for anticipated construction claims.
ES3020-RVBTC	SWM Facility - River Bend	Growth	Environmental Services	13,906,700	8,729,813	5,176,887	Beyond	Decommissioning of the temporary basin is required after 70% subdivision build out. Build out TBD. Anticipated that the available funding will be required.
ES3021	Land (Expropriation Negotiations)	Growth	Environmental Services	900,000	4,614	895,386	Q2 2022	Uncommitted funds to be used for upcoming SWM GMIS Land needs in the Hyde Park Area.
ES3042	Floor Protection Measures at Vauxhall PCP CWWF	Service Improvement	Environmental Services	4,883,000	4,883,000	0	Q4 2022	Outstanding issues to be resolved.
ES3045	Horton Sanitary Sewer Upgrades	Life Cycle Renewal	Environmental Services	480,000	221,332	258,668	Q4 2022	Engineering consultant report has been received. Further evaluation is required to determine next steps.

Appendix B - Summary of 2018 Life-To-Date Capital Budgets Having No Future Budget Requests

Project	Project Description	Classification	Service Program	2018 LTD Budget	Committed	Uncommitted	Expected Completion Date	Explanation
ES3068	Springbank Dam Replace Gates and Erosion Control	Service Improvement	Environmental Services	10,645,358	7,527,414	3,117,944	Q4 2022	Design of decommissioning of Springbank Dam is underway. Projected completion date updated to reflect expected construction timing due to permitting and environmental mitigation.
ES3083	Infill and Intensification Corridors	Growth	Environmental Services	1,345,989	1,346,542	-553	Q4 2021	Previous DC Study project. As part of the new DC study update, a new annual account ES5148 was set up to replace ES3083 and serve a similar purpose. Aiming to close by end of 2021.
ES3087	Huron Industrial Park Service	Service Improvement	Environmental Services	1,122,673	1,029,749	92,924	Q4 2023	Awaiting completion of SWMF construction. Undertaking detailed design and tendering for internal servicing of blocks.
ES3097	Vauxhall - Pottersburg	Service Improvement	Environmental Services	6,000,000	5,995,467	4,533	Q4 2021	Some deficiencies outstanding, will be resolved by Q3 2021.
ES3201	Dingman #1 Remediation SWM Flood Control Facility	Growth	Environmental Services	7,455,000	1,231,263	6,223,737	2026	Corridor project planned following completion of Dingman Creek Stage 2 EA. The Dingman Stage 1 EA was finalized in September 2021. The Stage 2 EA is anticipated to be completed in Q1 2022. This project is expected to include detailed design and construction administration for recommended works from the Stage 2 EA.
ES3203	Hyde Park - Stanton Drain	Growth	Environmental Services	287,500	0	287,500	Q4 2023	The RFP will be initiated when the land is purchased to finish the southern part of the Stanton Drain. Negotiations for the land have been initiated with Realty Services.
ES3209	Stormwater Unidentified Municipal Class Environmental Assessment Addendums	Growth	Environmental Services	200,000	98681	101,319	2026	Annual program to cover costs of unanticipated EA's. Project to remain open.
ES5145	Sanitary Sewer Internal Oversizing Subsidy	Growth	Environmental Services	446,625	160810	285,815	Beyond	Account funds are used to pay developer claims related to sanitary sewer oversizing. There's no end date to the project. Claims can be made at any time. There are currently 5 open claim files that are developer led works.
ES5252	KL1B Kilally Growth Area Adelaide PCP Sewershed	Growth	Environmental Services	998,600	380134	618,466	Q4 2021	Waiting for final claim. Once all claims have been paid account can be closed.
ES5253	RB1B Riverbend Growth Area	Growth	Environmental Services	1,267,966	1,111,494	156,472	Q4 2021	Waiting for final claim. Once all claims have been paid account can be closed.
ES5264	Wonderland Pumping Station Upgrade	Growth	Environmental Services	5,000,000	5,000,003	-3	Q4 2023	Tender awarded. Construction late 2022, warranty to 2023.
ES5425	Interim Works as Identified in Environmental Assessment	Growth	Environmental Services	1,200,000	654,263	545,737	2026	Funding must be retained to allow for decommissioning of interim SWM facility associated with Riverbend Tributary C.

Appendix B - Summary of 2018 Life-To-Date Capital Budgets Having No Future Budget Requests

Project	Project Description	Classification	Service Program	2018 LTD Budget	Committed	Uncommitted	Expected Completion Date	Explanation
ES5427	Pre-assumption Monitoring	Growth	Environmental Services	1,000,000	514,464	485,536	Q4 2021	The projects are progressing as anticipated from both a schedule and cost perspective. PO's to remain open until designs are complete or the warranty period expires.
ES5428	Infill and Intensification Nodes Storm Sewer Servicing	Growth	Environmental Services	2,756,580	2550725	205,855	Q4 2021	Funding used on storm sewers for York Street Phase 2. Deficiency work and warranty still outstanding. Phase 2 York Street not 100% done – from Talbot Street to Clarence Street.
ES5429	Storm Sewer Internal Oversizing Subsidy	Growth	Environmental Services	5,920,674	4761535	1,159,139	2026	Program for Developer Claims on Oversized Storm Sewer construction.
ES5432	Treatment Plants Technology	Life Cycle Renewal	Environmental Services	1,500,000	1,507,400	-7,400	Q4 2021	Work complete, project cannot be closed until all final CWWF claims are processed.
ES5520	Community Growth Trunk Storm Sewer Works	Growth	Environmental Services	3,030,480	267,894	2,762,586	2026	Program for Developer Claims on Trunk Storm Sewer construction.
ES6066	Dingman Pumping Station Header	Life Cycle Renewal	Environmental Services	500,000	431,558	68,442	Q4 2022	Construction about to start. Services complete by end of 2022.
ES6074	Pottersburg WWTP CSO and Inlet	Life Cycle Renewal	Environmental Services	1,821,504	1,733,644	87,860	Q4 2021	Clearing up final deficiencies. Completion expected by end of 2021.
ESSWM-DCNLP9	SWM Facility - Dingman Creek North Lambeth No. P9	Growth	Environmental Services	7,226,927	5,973,482	1,253,445	Q4 2021	This project is awaiting a final landscape walkthrough. Anticipated to be complete in Q4 2021.
ESSWM-HP5	SWM Facility - Hyde Park No. 5	Growth	Environmental Services	6,517,700	369,915	6,147,785	Q4 2023	This project will be divided into two Consultant assignments and construction projects to satisfy the required SWM works identified in the Hyde Park EA Amendment which was completed in Summer 2020. All of this funding will be used to support the recommended EA Addendum strategy.
ESSWM-MM2	SWM Facility - Murray Marr No. 2	Growth	Environmental Services	4,400,000	0	4,400,000	Q4 2023	Facility need to be assessed during Dingman Creek Stage 2 EA.
ESSWM-MM4	SWM Facility - Murray Marr No. 4	Growth	Environmental Services	2,100,000	358,278	1,741,722	Q4 2023	Facility need to be assessed during Dingman Creek Stage 2 EA.
ESSWM-OV1	SWM Facility - Old Victoria No. 1	Growth	Environmental Services	3,085,061	2,681,437	403,624	Q4 2021	Additional monitoring is required until end of warranty. No additional Developer SWM related claims anticipated.
ESSWM-PDR	SWM Facility - Pincombe Drain Remediation	Growth	Environmental Services	4,300,000	0	4,300,000	Q4 2023	Project to be initiated in 2021 for 2022 construction. This project was delayed by the Dingman Stage 1 EA completed in September 2020.
ESSWM-PKR	SWM Facility - Parker	Growth	Environmental Services	4,140,910	3,861,332	279,578	Q4 2021	Additional warranty work to be expected. Land claim for SWM block still outstanding.

Appendix B - Summary of 2018 Life-To-Date Capital Budgets Having No Future Budget Requests

Project	Project Description	Classification	Service Program	2018 LTD Budget	Committed	Uncommitted	Expected Completion Date	Explanation
ESSWM-SC2	SWM Facility - Stoney Creek No. 2	Growth	Environmental Services	1,599,000	957,889	641,111	Q4 2022	Additional warranty work to be expected and budget required for land purchase. Not aware of any additional Developer SWM claims.
EW2310	Western Road Watermain	Growth	Environmental Services	2,079,419	1,926,927	152,492	Q3 2021	Minor work to be completed.
EW3527	Asset Maintenance Management	Service Improvement	Environmental Services	1,700,000	1,382,195	317,805	Q4 2021	Computerized Maintenance Management System has been delayed for a significant amount of time, and is currently in the User Acceptance Testing phase, with anticipated completion in Fall 2021.
EW3535	Infrastructure Renewal Program	Life Cycle Renewal	Environmental Services	509,000	489,952	19,048	Q4 2021	Construction complete. In warranty period.
EW3537	Dundas Redevelopment	Life Cycle Renewal	Environmental Services	2,427,981	2,427,983	-2	Q4 2021	Finalizing work and ongoing delay claim.
EW3541	EMPS - SCADA Upgrade	Life Cycle Renewal	Environmental Services	900,000	151,885	748,115	Q2 2022	SCADA equipment replacement and software upgrades have been delayed by Covid-19. Work scheduled with OCWA in conjunction with partnering municipalities' needs and Regional Water Supply.
EW3547	Trunk Watermain Cathodic	Life Cycle Renewal	Environmental Services	295,000	334,621	-39,621	Q4 2021	Construction complete. In warranty period.
EW3551	Hyde Park - Sarnia Road	Growth	Environmental Services	2,068,660	1,708,481	360,179	Q4 2021	The variance is due to favorable pricing at the time of tender due to a competitive bid environment. Project cannot be closed, pending further confirmation from Construction Admin.
EW3592	Infill and Intensification Nodes Water Servicing	Growth	Environmental Services	2,198,080	600,548	1,597,532	Beyond	The timing of expenditures is based on the development approval process and the construction plans of individual developers. With the Core Area Servicing Studies now complete, this program will be used to fund those identified projects.
EW3614	SE Pumping Station Reservoir	Growth	Environmental Services	55,728,118	55,506,073	222,045	Q4 2022	Inlet valve component of project is complete. Remaining funding to be used for Inlet Valve component at SERPS.
EW3619	White Oak Pumping Station	Service Improvement	Environmental Services	700,000	70,849	629,151	Q4 2021	On track for completion in Q4 2021. Demolition specifications are complete and project is awaiting results of quotations. Anticipated completion Q4 2021
EW3624	Burbrook Watermain Upgrade	Life Cycle Renewal	Environmental Services	4,700,000	4,439,315	260,685	Q4 2021	Program to construct watermains in the Burbrook area. Remaining funds in project will be used to partially fund Egerton reconstruction as part of the Burbrook area.
EW3628	Expansion of Southeast Pressure Zone	Growth	Environmental Services	2,700,000	2,339,088	360,912	Q4 2021	Deficiency items being addressed before final payment is granted. Some schedule delays due to deficiencies.
EW3652-2	Wickerson High Level Watermain	Growth	Environmental Services	1,361,030	391,905	969,125	Q4 2024	Project is coordinated with Transportation project to make improvements to Wickerson Road from Southdale Road.

Appendix B - Summary of 2018 Life-To-Date Capital Budgets Having No Future Budget Requests

Project	Project Description	Classification	Service Program	2018 LTD Budget	Committed	Uncommitted	Expected Completion Date	Explanation
EW3743	Watermain Extensions	Service Improvement	Environmental Services	2,503,705	1,257,339	1,246,366	Q3 2023	Funding for water component of Blakie Road project, which is expected to be tendered in fall of 2021. It is expected that the project and warranty will be completed by Q3 2023.
EW3818	Watermain Internal Oversizing Subsidy	Growth	Environmental Services	785,562	592,839	192,723	Beyond	The work is designed and constructed by the developer and claimed back from the City through the provisions outlined in a subdivision agreement. Required for future claims.
GG1034	Development Charges Consulting	Growth	Planning and Development Services	850,000	656,025	193,975	Q2 2022	Funding for DC process consultant for area rating and other matters.
GG1730ART	Salvage Heritage Artifacts	Service Improvement	Culture Services	200,000	168,906	31,094	Q4 2024	Funding for the on-going redevelopment and rehabilitation of the South Street Hospital lands. Currently in discussions with Phase 2 proponent.
GG1730HB	Retention of Heritage Buildings	Service Improvement	Economic Prosperity	500,000	479,731	20,269	Q4 2021	These lands are being transferred to developer. Can be closed after that.
GG1730PHB	Decommissioning of South Street	Service Improvement	Corporate, Operational and Council Services	2,380,000	2,322,546	57,454	Q4 2021	Work completed; waiting for official hand off.
GGINFRA	Infrastructure ITS	Life Cycle Renewal	Corporate, Operational and Council Services	110,224	0	110,224	Q4 2024	This project will deliver server enclosures essential to the City of London computing environment. Project is early in the initiation phase. Project is on-track and on budget.
ID1110	Trafalgar Industrial Park	Service Improvement	Economic Prosperity	4,062,233	3,847,656	214,577	Q4 2022	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.
ID1150FCS	Forest City South Industrial	Service Improvement	Economic Prosperity	250,000	230,584	19,416	Q4 2021	External works capital project on Wilton Grove Road is ongoing in 2020/2021. Service opportunities will be coordinated. Review status again at end of 2021.
ID1150INVP5	Innovation Industrial Park Phase 5	Service Improvement	Economic Prosperity	50,000	26,821	23,179	Q4 2023	Due diligence studies are ongoing. Designs expected to progress in late 2021 or early 2022.
ID1167	Forest City Industrial Park	Service Improvement	Economic Prosperity	4,202,798	3,427,100	775,698	Q4 2022	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.
ID1170	Huron Industrial Park	Service Improvement	Economic Prosperity	6,012,553	5,407,785	604,768	Q4 2023	Designs progressing for various sites in the development. Program is expected to continue until all the parcels have been sold.

Appendix B - Summary of 2018 Life-To-Date Capital Budgets Having No Future Budget Requests

Project	Project Description	Classification	Service Program	2018 LTD Budget	Committed	Uncommitted	Expected Completion Date	Explanation
ID2058	Innovation Park - SWR Oversizing	Growth	Environmental Services	8,265,000	8,265,000	0	Q4 2023	Contractor completing work to bring development to assumption level.
ID2058-3A	Innovation Park - Sewer	Growth	Environmental Services	315,000	315,000	0	Q4 2023	Contractor completing work to bring development to assumption level.
ID2095HURC1	Huron Industrial Park Area C1	Growth	Environmental Services	20,000	6,941	13,059	Q4 2021	Awaiting completion of Huron Industrial SWMF.
ID2095HURC2	Huron Industrial Park Area C2	Growth	Environmental Services	20,000	6,942	13,058	Q4 2021	Awaiting completion of Huron Industrial SWMF.
ID2095HURC3	Huron Industrial Park Area C3	Growth	Environmental Services	15,000	3,002	11,998	Q4 2021	Awaiting completion of Huron Industrial SWMF.
ID2095HURC4	Huron Industrial Park Area C4	Growth	Environmental Services	45,000	24,948	20,052	Q4 2021	Awaiting completion of Huron Industrial SWMF.
ID2095OXF	Oxford Business Park Servicing	Growth	Environmental Services	340,733	193,289	147,444	Q4 2021	Work complete, project cannot be closed until all claims are paid.
ME1208	Fuel Switching Project	Service Improvement	Corporate, Operational and Council Services	1,382,625	629,175	753,450	Q4 2022	Second phase of the building modifications for Compressed Natural Gas have been initiated with Facilities.
MU1200	Fleet Radio Replacement	Life Cycle Renewal	Transportation Services	625,000	0	625,000	Q4 2023	Project on hold until 2023 pending review of legislation regarding the current exemption for transit authorities to use hand held communication devices.
MU1210	Fare Processing Equipment	Life Cycle Renewal	Transportation Services	1,495,000	0	1,495,000	Q1 2022	Project not started given delays in fully implementing smart card and its impacts on phasing out tickets and corresponding cash collection.
PD1015	South Street Campus Redevelopment	Service Improvement	Planning and Development Services	155,000	139,955	15,045	Q4 2024	Funding for the on-going redevelopment and rehabilitation of the South Street Hospital lands. Currently in discussions with Phase 2 proponent.
PD1076	TVP - North Branch	Service Improvement	Parks, Recreation and Neighbourhood Services	3,303,752	3,303,752	0	Q4 2021	Work complete, in warranty period.
PD1102	Review of Environmental Management Guidelines	Service Improvement	Planning and Development Services	50,000	0	50,000	Q4 2021	Revised EMG draft to be presented to council in late 2021 after delays in the project due to COVID restrictions and internal personnel limitations.
PD1143	Enhance Highbury Avenue	Service Improvement	Parks, Recreation and Neighbourhood Services	37,500	0	37,500	Q3 2021	Roadwork to be completed in Q3 2021
PD1145	Placemaking Design Guidelines	Service Improvement	Planning and Development Services	100,000	76,612	23,388	Q4 2022	Funding for consulting support for Urban Design Guidelines. Schedule delayed.
PD1146	Development Management Tracking System Upgrade	Life Cycle Renewal	Planning and Development Services	180,000	88,887	91,113	2025	Funding for Digital Application Software. Delay to overall project due to project resource constraints with Covid-19. The delay has been reported out with Strategic Plan variance monitoring.

Appendix B - Summary of 2018 Life-To-Date Capital Budgets Having No Future Budget Requests

Project	Project Description	Classification	Service Program	2018 LTD Budget	Committed	Uncommitted	Expected Completion Date	Explanation
PD1213	Archaeological Master Plan	Life Cycle Renewal	Planning and Development Services	75,000	70,941	4,059	Q4 2021	Archaeological Management Plan was approved by Council on July 17, 2017. The Official Plan/The London Plan has been amended to add the Plan to the list of guideline documents. Remaining funds are allocated for the implementation of the Plan following adoption. The draft implementation guide is complete and awaiting final review by First Nations partners.
PD1215	Back To The River	Service Improvement	Parks, Recreation and Neighbourhood Services	950,000	844,668	105,332	Q2 2022	Surplus fees from Back to the River EA. Will be used for Harris Park Master Plan consultant contract.
PD1382-15	New Neighbourhood Parks	Growth	Parks, Recreation and Neighbourhood Services	260,000	227,077	32,923	Q3 2022	Victoria on River, waiting for subdivision capital claim.
PD138216	New Neighbourhood Parks	Growth	Parks, Recreation and Neighbourhood Services	220,000	74,525	145,475	Q4 2022	Hoping to start construction fall 2021.
PD138218	New Neighbourhood Parks	Growth	Parks, Recreation and Neighbourhood Services	150,000	28,887	121,113	Q2 2022	Remaining funds are set aside to work with community group at Black Acres Park (2021).
PD2082	Meadowlily Area Planning Study	Growth	Planning and Development Services	520,000	391,114	128,886	Q1 2022	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 when the initial applicant changed plans and the area's commercial potential diminished. With the adoption of The London Plan, the lands have been placed in the Neighbourhoods Place Type. A major issue related to transportation matters emerged in the previous planning process. In addition, recent development applications have identified the possible need for servicing studies. Remaining funds to be used to undertake any required servicing/transportation studies.
PD2124-12	New Thames Valley Parkway	Growth	Parks, Recreation and Neighbourhood Services	50,000	0	50,000	Q3 2022	Capital Claim for Victoria on River - TVP complete, but claim not submitted yet.
PD2124-13	New Thames Valley Parkway	Growth	Parks, Recreation and Neighbourhood Services	500,000	26,492	473,508	Q4 2022	Hamilton Road underpass on south branch (waiting for land acquisition/developer east of Hamilton). Remaining funds are for TVP capital claim on North Branch (Edge Valley).

Appendix B - Summary of 2018 Life-To-Date Capital Budgets Having No Future Budget Requests

Project	Project Description	Classification	Service Program	2018 LTD Budget	Committed	Uncommitted	Expected Completion Date	Explanation
PD2124-15	New Thames Valley Parkway	Growth	Parks, Recreation and Neighbourhood Services	1,175,000	187,779	987,221	Q4 2022	Funds earmarked for the the following; interim TVP between Highbury and Clarke (land acquisitions), TVP Main Branch implementation following EA, Hamilton Road Underpass (land acquisitions), OVHL TVP Construction - design progressing (construct 2022).
PD212418	New Thames Valley Parkway	Growth	Parks, Recreation and Neighbourhood Services	2,645,332	66,104	2,579,228	Q4 2022	Funding for main branch TVP implementation, Hydro Lands/Carrae and Norquay TVP Development
PD2181-15	New Sportspark	Growth	Parks, Recreation and Neighbourhood Services	150,000	156,251	-6,251	Q4 2022	Funding for Riverbend Fieldhouse (Realty just finalized acquisition and Facilities is progressing design in 2021).
PD218116	New Sportspark	Growth	Parks, Recreation and Neighbourhood Services	600,000	600,941	-941	Q1 2023	Foxfield Park consultant (design) - Project was on hold waiting for funding, but will re-commence fall 2021. Kilally Sport Field consultant.
PD218117	New Sportspark	Growth	Parks, Recreation and Neighbourhood Services	800,000	555,769	244,231	Q3 2023	\$200k for S/W Sportfields - waiting for land acquisitions. Remaining funds to support soccer field at Foxfield.
PD2230-15	New Fieldhouses	Growth	Parks, Recreation and Neighbourhood Services	150,000	58,438	91,562	Q4 2022	Funding for fieldhouse at Riverbend District Park. Was on hold due to legal issues with existing building, but now resolved and progressing to construction in 2022.
PD223016	New Fieldhouses	Growth	Parks, Recreation and Neighbourhood Services	600,000	600,000	0	Q4 2021	Fieldhouse at Kilally Sport Fields
PD225317	New Environmentally Significant Areas	Growth	Planning and Development Services	80,000	0	80,000	Q4 2024	Future capital claim associated with Warbler Woods ESA and City led trail development in Warbler Woods ESA following land acquisition.
PD2400	Park Farm Trust Fund	Life Cycle Renewal	Planning and Development Services	91,287	80,386	10,901	Beyond	Trust Fund bequeathed in 1990 "for the purpose of such park including additions thereto" by estate of the last private owner of the municipally-owned heritage property. Trust fund serves as a source of funding for projects required to maintain and conserve this municipally-owned heritage property.
PD3019-15	New Urban Parks	Growth	Parks, Recreation and Neighbourhood Services	350,000	123,145	226,855	Q3 2022	Funding for urban park at Victoria on River. Work complete - waiting for capital claim.
PD301917	New Urban Parks	Growth	Parks, Recreation and Neighbourhood Services	160,000	0	160,000	Q3 2022	Funding for urban park at Warbler Woods. Work complete - waiting for capital claim.
PD301918	New Urban Parks	Growth	Parks, Recreation and Neighbourhood Services	500,000	305,280	194,720	Q3 2023	Remaining funds for Hydro Lands/Carrae Park area as per One River EA projects.
PD3023	5-Year Official Plan Review	Life Cycle Renewal	Planning and Development Services	650,000	511,085	138,915	Q4 2023	Project to undertake a review of the Official Plan and any resulting zoning amendments

Appendix B - Summary of 2018 Life-To-Date Capital Budgets Having No Future Budget Requests

Project	Project Description	Classification	Service Program	2018 LTD Budget	Committed	Uncommitted	Expected Completion Date	Explanation
RC2428	Enhanced CGAC Aquatic Fund	Life Cycle Renewal	Parks, Recreation and Neighbourhood Services	43,575	45,791	-2,216	Q3 2021	Endowment funding focused on accessibility improvements to be complete in 2021
RC2608	Glen Cairn Arena Decommission and Renovate to Community Space	Service Improvement	Parks, Recreation and Neighbourhood Services	683,400	0	683,400	Q2 2022	Community engagement to assist in scoping of project delayed due to COVID-19
RC2612	Silverwoods Arena Decommission and Renovate to Community Space	Service Improvement	Parks, Recreation and Neighbourhood Services	2,226,200	0	2,226,200	Q2 2022	Community engagement to assist in scoping of project delayed due to COVID-19
RC2755	South West Multi-Purpose Recreation Centre	Growth	Parks, Recreation and Neighbourhood Services	54,588,465	54,269,786	318,679	Q4 2021	Construction completed end of Q3 of 2018 but deficiencies expected to be completed in 2021.
SW6023	Community Environment Depots	Service Improvement	Environmental Services	1,500,000	70,072	1,429,928	Q2 2023	Re-configuration of Clarke Road EnviroDepot expected to be complete by Q4 2022.
SW6035	Landfill Gas Utilization	Service Improvement	Environmental Services	4,000,000	78,921	3,921,079	Beyond	FIT Contract cancelled July 16, 2018. Funds will be used for new projects for the beneficial use of captured landfill gas such as the production of Renewable Natural Gas.
TS1031	Long Term Corridor Protection	Growth	Transportation Services	500,000	500,262	-262	Q4 2023	Program for EA's and planning studies.
TS1038	Transportation Development	Growth	Transportation Services	250,000	255,017	-5,017	Q4 2021	Ongoing Development Charges related work until Q4 2021.
TS1039	Transportation Master Plan	Growth	Transportation Services	100,000	0	100,000	Q4 2023	TMP Updates to start in 2021 with anticipation completion of Q4 2023
TS1041	Transportation Impact Studies	Growth	Transportation Services	300,000	149444	150,556	Q4 2023	Various traffic studies are planned to begin in 2021
TS1135	Dundas Flexible Street	Service Improvement	Transportation Services	30,053,669	28456280	1,597,389	Q4 2022	Construction of both phases is complete and we are in the warranty period with final invoices to come. Hold funding until at least Q4 2021 to confirm final billings.
TS1215	Blackfriars Bridge Rehabilitation	Life Cycle Renewal	Transportation Services	2,700,000	2,699,713	287	Q4 2021	Bridge is in the warranty period until later this year.
TS1218	Blackfriars Bridge Rehabilitation Active Transportation	Life Cycle Renewal	Transportation Services	1,500,000	1,499,708	292	Q4 2021	Bridge is in the warranty period until later this year.
TS126417	Rural Intersection	Growth	Transportation Services	508,470	171,211	337,259	Q4 2023	Project to be designed in 2021, construction to follow.
TS1325	Veterans Memorial South	Service Improvement	Economic Prosperity	1,148,811	1,152,031	-3,220	Q4 2021	Waranty issues with provincial component of work.

Appendix B - Summary of 2018 Life-To-Date Capital Budgets Having No Future Budget Requests

Project	Project Description	Classification	Service Program	2018 LTD Budget	Committed	Uncommitted	Expected Completion Date	Explanation
TS1346	Corporate Asset Management Development	Life Cycle Renewal	Corporate, Operational and Council Services	1,863,895	850,256	1,013,639	2025	The CAM project includes a total of seven (7) work units, a contract was executed for the first six (6) units over the past years. The final work unit number 7 is significant and includes implementation of all five asset management modules across the remaining 9 service areas included in the scope of the CAM project estimated at a cost of approx. \$1 million. Unit 6 restarted in June 2021 and is scheduled to be complete by Q2 2022 while the Final unit 7 of the project is scheduled to start by Q2 2022 and completion date by 2025 to align with the new regulation (O.Reg 588/17) due date.
TS1349-2	Sarnia Road Improvements	Growth	Transportation Services	7,910,000	6,983,029	926,971	Q4 2021	Hold funds for legal/deficient work.
TS1350	Corporate Asset Management Software	Life Cycle Renewal	Corporate, Operational and Council Services	360,000	156,336	203,664	Q4 2024	Phased implementation of Assetic software is well underway for transportation and Parks & Recreation services. This will be followed by full implementation across the City. The most recent example of the use of Assetic's system was in the City's 2019 Asset Management Plan & 2020 AMP annual update. The AMP projected long term condition profiles to optimize service level outcomes and capital expenditures. Assetic's decision making module (Predictor) was used for the City's Core Assets (Water, Wastewater, and Transportation), the majority of Facilities (Recreation and Corporate Facilities) and other service areas such as Fleet and Fire Department.
TS1371	Road Class Oversizing	Growth	Transportation Services	500,000	61,460	438,540	Q4 2021	Work complete, awaiting final claims.
TS1475-2	Fanshawe Road East Widening Phase 2	Growth	Transportation Services	13,360,000	13,125,217	234,783	Q3 2021	Project complete, however holdback release/warranty outstanding.
TS1477-2	Hyde Park Road Widening Phase 2	Growth	Transportation Services	15,575,802	14,300,474	1,275,328	Q4 2021	Construction and warranty works complete. Council directed the addition of traffic signals at Hyde Park Road and South Carriage Road in July 2018. Account to remain open to fund until complete Q4 2021.
TS1484	Sarnia Road Widening	Growth	Transportation Services	10,209,820	10,197,885	11,935	Q4 2021	Project to remain open until purchase orders are closed.
TS1487	Wonderland Road Two Land Upgrade	Growth	Transportation Services	10,395,000	9,231,379	1,163,621	Q4 2021	Minor construction legal issues to close.
TS1489	Western Widening Platt's Lane to Oxford	Growth	Transportation Services	27,792,018	26,216,780	1,575,238	Q4 2021	Minor construction legal issues to close.

Appendix B - Summary of 2018 Life-To-Date Capital Budgets Having No Future Budget Requests

Project	Project Description	Classification	Service Program	2018 LTD Budget	Committed	Uncommitted	Expected Completion Date	Explanation
TS1523-1	Bradley Avenue Extension Phase 1	Growth	Transportation Services	12,264,375	7,606,653	4,657,722	Q4 2021	Active legal issues to be resolved in 2021.
TS1633	Adanved Land Acquisition	Growth	Transportation Services	1,640,000	56,090	1,583,910	Q4 2023	Funds required for advance purchases from willing sellers for any future transportation projects.
TS1651	Minor Roadworks - Channelization	Growth	Transportation Services	3,477,525	3,135,454	342,071	Q2 2022	Developer claims outstanding.
TS1652	Minor Roadworks - Miscellaneous Works	Growth	Transportation Services	89,100	8,904	80,196	Q4 2023	Funding for development driven improvements as needed.
TS1653	Minor Roadworks - Sidewalks	Growth	Transportation Services	925,847	464,511	461,336	Q4 2021	Developer charges to come in 2021.
TS1654	Minor Roadworks - Streetlights	Growth	Transportation Services	1,767,171	1,073,576	693,595	Q4 2023	Various projects over MYB period from 2021 to 2023 - funding will be utilized.
TS1655	Minor Roadworks - Traffic Signals	Growth	Transportation Services	1,546,880	544,429	1,002,451	Q4 2023	Various projects over MYB period from 2021 to 2023 - funding will be utilized.
TS1656	Minor Roadworks - Roundabouts	Growth	Transportation Services	450,000	404,134	45,866	Q4 2021	Design for Hyde Park/Sunningdale roundabout to be completed by Q4 2021
TS173918	Cycling Facilities	Growth	Transportation Services	642,800	642,089	711	Q4 2021	Awaiting closure of purchase orders.
TS1766	Bradley Avenue Extension	Life Cycle Renewal	Transportation Services	500,000	500,000	0	Q4 2021	Active legal issues to be resolved in 2021
TS2170	Bradley Avenue From Old Victoria	Growth	Transportation Services	2,350,000	805,058	1,544,942	Q4 2022	Possible work to cover Development Charges roadworks associated with a future Innovation Park Phase 5. Limits on Bradley are from Bonder easterly to City Limits.
TS4165	Urban Intersection	Growth	Transportation Services	1,616,000	1,562,513	53,487	Q4 2023	Additional construction scheduled for 2021/22.
TS4209	Improved Parking Technology	Service Improvement	Transportation Services	300,000	282,514	17,486	Q1 2022	Delayed pending development work by vendor
TS5036	Downtown Transportation Alliance	Service Improvement	Transportation Services	150,000	86,721	63,279	Q2 2022	Project work into 2021 as per PTIF arrangements. City portion of funding comes from TS5031.
TS5037	Bike Parking Infrastructure	Service Improvement	Transportation Services	50,000	53,754	-3,754	Q4 2021	Project work into 2021 as per PTIF arrangements. City portion of funding comes from TS5031.

Appendix C – Completed Capital Projects (as of June 30, 2021)

Table 1 - Tax Supported Budget Completed Capital Projects

Project	Classification	Approved Budget	Actual	Surplus / (Deficit)	Comments (For Variance Greater Than \$50,000)	Rate Supported Capital Levy	Rate Supported Debt	Rate Supported Reserve Fund	Non-Rate Supported Reserve Fund	Non-Rate Supported Debt	Non-Rate Supported Other
GG1613 Additional Vehicle Facilities	Service Improvement	70,000	66,426	3,574		3,574					
GG1730LCR Old Victoria Hospital Lands Phase B - LCR	Service Improvement	1,000,000	839,215	160,785	Variance due to favourable tendering and unused contingency			160,785			
GG176519 Convention Centre Repairs	Lifecycle Renewal	2,553,000	2,553,000	0							
GGAPPL1802 Website	Lifecycle Renewal	401,952	401,952	0							
ID1150HURC1 Huron Industr Park Area C1	Service Improvement	2,921	2,921	0							
ID1150HURC2 Huron Industr Park Area C2	Service Improvement	7,380	7,380	0							
ID1150HURC3 Huron Industr Park Area C3	Service Improvement	4,920	4,920	0							
ID1150HURC4 Huron Industr Park Area C4	Service Improvement	766	766	0							
IT301020A Business Intelligence Training	Lifecycle Renewal	59,148	59,148	0							
IT301820A CyberArk Upgrade	Lifecycle Renewal	114,923	114,923	0							
MU113620 Existing Facility Upgrade	Lifecycle Renewal	500,000	500,000	0							
PD1018 Smart City Strategy	Service Improvement	125,000	101,760	23,240		23,240					
PD1142 Enhanced Veterans Memorial Parkway	Service Improvement	627,085	566,528	60,557	Variance due to favourable tendering	48,057		12,500			
PD117318 Springbank Park Upgrades	Lifecycle Renewal	416,426	406,392	10,034		10,034					
PD212416 New Thames Valley Parkway	Growth	9,668	9,668	0							
PD224318 Maintain Environmentally Significant Areas	Lifecycle Renewal	199,594	199,594	0							
PD232418 Municipally Owned Heritage Buildings	Lifecycle Renewal	453,086	453,086	0							
PD302017 Maintain Urban Parks	Lifecycle Renewal	82,800	82,398	402		402					
PK102320B Jessie Davidson Park	Lifecycle Renewal	49,311	49,311	0							
PK128220A Griffith Park - Maintain Neighbourhood Parks	Lifecycle Renewal	63,762	63,762	0							
PK128220B Ambleside 2 - Maintain Neighbourhood Parks	Lifecycle Renewal	86,425	86,425	0							
PK128220C Empress Park - Maintain Neighbourhood Parks	Lifecycle Renewal	51,251	51,251	0							
PK128220D Genevieve Park - Maintain Neighbourhood Parks	Lifecycle Renewal	50,000	50,000	0							
PK128220G Past Presidents Park - Maintain Neighbourhood Parks	Lifecycle Renewal	4,608	4,608	0							
PK138219B Sunrise Park - Neighbourhood Parks	Growth	41,406	41,406	0							
PK204319A Misc. Community Links - Mjr Open Space Pathway Connections	Growth	28,839	28,839	0							
PP4291 Police Misc. Equipment Purchase	Lifecycle Renewal	2,714,668	2,714,586	82		82					
PP431417 Replace Police Vehicles	Lifecycle Renewal	1,770,619	1,770,619	0							
PP431418 Replace Police Vehicles	Lifecycle Renewal	1,498,377	1,498,377	0							

Appendix C – Completed Capital Projects (as of June 30, 2021)

Table 1 - Tax Supported Budget Completed Capital Projects

Project	Classification	Approved Budget	Actual	Surplus / (Deficit)	Comments (For Variance Greater Than \$50,000)	Rate Supported Capital Levy	Rate Supported Debt	Rate Supported Reserve Fund	Non-Rate Supported Reserve Fund	Non-Rate Supported Debt	Non-Rate Supported Other
PP4444-15 Police HQ Building Major Repairs	Lifecycle Renewal	492,044	492,044	0							
PP444417 Police HQ Building Major Repairs	Lifecycle Renewal	601,769	601,769	0							
PP444418 Police HQ Building Major Repairs	Lifecycle Renewal	801,908	801,908	0							
PP444419 Police HQ Building Major Repairs	Lifecycle Renewal	744,236	744,236	0							
PP4480 Police Facility Needs Analysis	Growth	500,000	98,707	401,293	Variances due to lower than expected costs and a change of scope for the project	161,517			239,776		
RC2201-15 Recreation Facilities	Lifecycle Renewal	3,120,758	3,120,758	0							
RC274916 Park Facilities Major Upgrades	Lifecycle Renewal	146,188	146,188	0							
TS331019 Road Surface Treatment	Lifecycle Renewal	422,000	422,000	0							
TS4160 Urban Intersections	Growth	1,259,000	1,206,959	52,041	Variance due to favourable tendering			7,759	44,282		
TS618119 Salt and Sand Dome LCR	Lifecycle Renewal	148,319	148,319	0							
Total		21,224,157	20,512,149	712,008		246,906	0	181,044	284,058	0	0

Appendix C – Completed Capital Projects (as of June 30, 2021)

Table 2 - Wastewater and Treatment Budget Completed Capital Projects

Project	Classification	Approved Budget	Actual	Surplus / (Deficit)	Comments (For Variance Greater Than \$50,000)	Rate Supported Capital Levy	Rate Supported Debt	Rate Supported Reserve Fund	Non-Rate Supported Reserve Fund	Non-Rate Supported Debt	Non-Rate Supported Other
ES2498 SS15C North Talbot Sanitary Sewer Extension	Growth	4,025,754	3,477,996	547,758	Work for this project was completed efficiently, all funds not required to complete work				547,758		
ES269318 Specialized Sewer Repairs	Lifecycle Renewal	4,496,303	4,496,303	0							
ES515018 Pumping Station Improvements	Lifecycle Renewal	242,762	242,762	0							
ES6089 Applegate SWMF Remediation Works	Service Improvement	280,000	200,173	79,827	Favourable variance due to overall cost efficiencies		44,000	35,827			
ID2095FCS Forest City South Industrial Servicing	Growth	264,861	264,861	0							
Total		9,309,680	8,682,095	627,585		0	44,000	35,827	547,758	0	0

Appendix C – Completed Capital Projects (as of June 30, 2021)

Table 3 - Water Budget Completed Capital Projects

Project	Classification	Approved Budget	Actual	Surplus / (Deficit)	Comments (For Variance Greater Than \$50,000)	Rate Supported Capital Levy	Rate Supported Debt	Rate Supported Reserve Fund	Non-Rate Supported Reserve Fund	Non-Rate Supported Debt	Non-Rate Supported Other
EW161220 Non-Residential Meters & Devices	Lifecycle Renewal	400,000	399,971	29		29					
EW340919 Pumping Stations Optimization & Renewal	Lifecycle Renewal	81,272	81,272	0							
EW371719 Inspect Trunk Concrete Pressure Pipes	Lifecycle Renewal	97,850	97,850	0							
EW384220 Lead and Copper Water Services Replacement	Lifecycle Renewal	1,500,000	313,354	1,186,646	Favourable variance due to exceptionally low number of watermain breaks			1,186,646			
EW3710 Downtown Watermain Replacement	Lifecycle Renewal	4,681,567	4,681,567	0							
Total		6,760,689	5,574,014	1,186,675		29	0	1,186,646	0	0	0