



THE CITY OF
WINDSOR
ONTARIO, CANADA

| 2018 CAPITAL BUDGET



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2018 Approved Capital Budget



Section A:

2018 Capital Budget 6-Year Plan Council Report
And
Council Resolution

Subject: 2018 Capital Budget 6-Year Plan (City Wide)

Reference:

Date to Council: 01/15/2018

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Asset Planning

Report Date: 11/2/2017

Clerk's File #: AFB/12937

To: Mayor and Members of City Council

Recommendation:

THAT City Council **RECEIVE** the 2018 Capital Budget 6-Year Plan documents reflective of \$643,857,000 in total funding; and,

THAT City Council **APPROVE** the recommended allocation of the 2018 available funding (net of funding required for pre-commitments and allocations to prior years' approvals) for capital projects totalling approximately \$51,580,000 (subject to any further changes approved by Council); and,

THAT City Council **APPROVE IN PRINCIPLE** the recommended allocation of the 2019 through to 2023 available funding (net of funding required for pre-commitments and allocations to prior years' approvals) for capital projects totalling approx. \$431,485,000 inclusive of the 2023 unallocated capital funding of \$10,000,000 and subject to any further changes approved by City Council; and,

THAT City Council **RE-CONFIRM** that pre-commitment of capital funds will generally continue to be limited to the current 5-year period notwithstanding the gradual increase of the capital planning period to 10 years by the 2022 budget.

Executive Summary:

N/A

Background:

At its meeting of August 8, 2017 Council adopted Council Resolution CR474/2017 which directed, in part, the following:

*"...That the report of the Chief Financial Officer & City Treasurer dated June 29, 2017 regarding the 2018 Proposed Budget Process & Timeline **BE RECEIVED** for information.*

*That through the 2018 budget process, the 6-year Capital Budget Plan **BE UPDATED** to include projects for the year 2023....”*

Discussion:

On Monday January 23, 2017, Council approved the 2017 Capital Budget 5-Year Capital Plan (per B54/2017). The 2018 Capital Budget being submitted to Council updates that plan for the 2018 through to 2023 timeframe. This plan not only brings forth the year 2022 but also introduces an additional year (2023) in order to move to a 6-year capital plan. In each subsequent year an additional one year will be added to the capital budget plan so that by the year 2022, City Council will be presented with a 10-year capital plan. This is a significant jump from the traditional 5-year capital plan and will improve long range capital planning and also ensure that the City is prepared to meet all the necessary requirements of Bill 6 - Infrastructure for Jobs and Prosperity Act 2015.

Overall Funding

Total funds of approx. \$643,857,000 are projected to be available in this 2018 – 2023, 6-year capital plan as detailed within the 2018 Recommended Capital Budget book.

Contributions from the operating budgets remain largely unchanged from those in last year's capital budget. While Administration has recommended an operational budget issue for an increase of \$1M starting in 2018 to help address the matter of the declining purchasing power relative to the capital budget, this amount has not been included as additional funding within Administration's recommended 2018 6-year capital plan pending City Council's final direction relative to this matter. Should City Council approve the operating budget recommendation, an additional \$6M in funding would be available in the 6-year capital plan.

The normal process for Capital Budget development is to identify changes which impact the previous capital budget that was approved in principle. Departments also review capital projects that were previously approved in principle within the remaining 4-year plan (2018 – 2021) to consider if any changes are required or warranted as a result of changing demands, infrastructure issues or availability of grants and/or matching funds.

As a result of this review and based on the various other projects that have been brought forth within the 2018 – 2021 period, there are approx. \$92.2 million in capital project funding requests within this timeframe which fall above and beyond what was previously approved in principle in the last 5-year plan. It is noted however that, only \$15.2 million in funding is available relative to these projects. A full listing of the additional project funding requests from 2018 – 2021 can be found in Appendix A. Additionally, a further listing of the capital projects which have been reduced from the previously approved in principle plan in the 2017 5 Year Capital Budget in order to accommodate for the increases in other priority projects identified by departments during this period can be found in Appendix B.

Therefore, in order to balance the significant project requests with available funding, Administration has put forth a capital budget which includes various changes to the

capital projects that were previously approved in principle. Additionally, funding has been identified from development charge funds, sewer surcharge and/or reserves that will assist to address the funding gap.

The Corporate Leadership Team reviewed the entire Capital Budget to ensure allocations to corporate priorities were reflected in projects recommended in the 2018 Capital Budget 6-year capital plan. The 2018 Capital Budget presented is balanced, inclusive of \$10 million which has been left unallocated as a contingency for high priority City Council projects which are not currently funded, or to be used to match provincial/federal grants that may be announced in the future.

2018 – 2023 Pre-committed Funding

The following chart identifies approx. \$160,791,000 of the \$643,857,000 available funding in 2018 – 2023 that has been previously pre-committed by City Council (\$17,811,000 to finalize funding for previously approved projects from the 2013 and 2014 Enhanced Plans and \$142,980,000 pre-committed for future projects).

| Funding Allocation | 6 Year Capital Plan | | | | | | |
|--|---------------------|---------------|---------------|---------------|--------------|---------------|----------------|
| | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | TOTAL |
| | (\$ 000's) | (\$ 000's) | (\$ 000's) | (\$ 000's) | (\$ 000's) | (\$ 000's) | (\$ 000's) |
| Pre- Commitment Funding Allocations | | | | | | | |
| 2013 Enhanced Plan - PAYG | 7,811 | | | | | | 7,811 |
| 2014 Enhanced Plan - PAYG | 10,000 | | | | | | 10,000 |
| Sewer Surcharge | 13,212 | 100 | 2,196 | 2,881 | 1,620 | 927 | 20,936 |
| Development Charges | 2,203 | 335 | 495 | 20 | | | 3,053 |
| Capital Expenditure Reserve | | 220 | | | | | 220 |
| Other PAYG Projects | 26,083 | 22,899 | 29,136 | 20,973 | 6,255 | 13,425 | 118,771 |
| Total Funds Allocated to Prior Year Commitments | 59,309 | 23,554 | 31,827 | 23,874 | 7,875 | 14,352 | 160,791 |

More specifically these commitments include:

1. By way of council resolution B26-2013 during the 2013 budget deliberations, City Council approved an enhanced capital plan of approximately \$64.3M. Of that amount there remains \$7.8M to be funded in 2018. The chart that follows identifies the categories the projects to be funded in 2018 were distributed to:

| 2013 Enhanced Plan to be Funded in Future Years | (\$ 000 s) |
|--|--------------|
| Corporate Property Infrastructure | 6,339 |
| Parks & Recreation | 1,472 |
| Total 2013 Enhanced Plan Funded in Future Years | 7,811 |

2. By way of council resolution B38-2013 during the 2014 budget deliberations, City Council approved an enhanced capital plan of approximately \$58.5M. Of that amount, \$10M remains to be funded by Pay- As-You-Go funding contributions from the operating budget in 2018. The chart below identifies which major categories the projects to be funded in 2018 were distributed to:

| 2014 Enhanced Plan to be Funded in Future Years | | (\$ 000 s) |
|--|--|-------------------|
| Corporate Property Infrastructure | | 7,570 |
| Corporate Technology | | 461 |
| Parks & Recreation | | 1,169 |
| Roads | | 800 |
| Total 2014 Enhanced Plan Funded in Future Years | | 10,000 |

3. The remaining \$142.98M in pre-commitments represent projects previously approved by City Council and funded in the 2018 – 2023 period and are summarized below.

| Sewer Surcharge Pre commitments | | (\$ 000 s) |
|--|--|-------------------|
| Sewers (incl. City portion of Clean Water Waste Water Grant Funding) | | 13,888 |
| Roads | | 7,048 |
| Total Sewer Surcharge Funding Pre- Committed | | 20,936 |

| Development Charges | | (\$ 000 s) |
|---|--|-------------------|
| Roads | | 2,433 |
| Sewers | | 540 |
| Transportation Infrastructure (committed for city portion of Public Transit Infrastructure Fund PTIF) | | 80 |
| Total Development Charges Funding Pre-Committed | | 3,053 |

| Capital Expenditure | | (\$ 000 s) |
|--|--|-------------------|
| Transportation Infrastructure (Smart Bus Technology (ITS)) | | 220 |
| Total Development Charges Funding Pre-Committed | | 220 |

| Other Pay As You Go Pre Commitments | | (\$ 000 s) |
|--|--|----------------|
| Roads | | 42,632 |
| Sewers | | 7,291 |
| Transportation Infrastructure (committed for city portion of PTIF Grant) | | 8,600 |
| Corporate Property Infrastructure | | 14,005 |
| Corporate Technology | | 191 |
| Community & Economic Development | | 32,615 |
| Parks & Recreation | | 13,437 |
| Total PAYG Funding Pre-Committed | | 118,771 |

Allocation of Capital Funding

The capital budget 6-year plan funding allocation of the approx. \$643,857,000 (which includes funding for the pre-commitments noted above) is summarized in the table below.

| Funding Allocation | 6 Year Capital Plan | | | | | | | |
|---|---------------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | 2013/2014 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | TOTAL |
| | Enhanced Plan | | | | | | | |
| | (\$ 000's) | (\$ 000's) | (\$ 000's) | (\$ 000's) | (\$ 000's) | (\$ 000's) | (\$ 000's) | (\$ 000's) |
| Allocation of Available Funding - by Major Category: | | | | | | | | |
| Community & Economic Development | | 1,805 | 8,605 | 14,248 | 3,035 | 4,496 | 6,900 | 39,089 |
| Corporate Property Infrastructure | 13,909 | 10,518 | 13,471 | 5,760 | 11,112 | 16,127 | 7,874 | 78,771 |
| Corporate Technology | 461 | 1,400 | 5,462 | 2,659 | 7,081 | 6,800 | 2,255 | 26,118 |
| Capital Reserve Replenishment | | 3,210 | 3,210 | 3,210 | 3,210 | 3,210 | 3,210 | 19,260 |
| Parks & Recreation | 2,641 | 6,534 | 8,022 | 9,102 | 11,193 | 7,345 | 4,443 | 49,280 |
| Roads | 800 | 29,371 | 23,384 | 32,450 | 36,181 | 30,515 | 31,890 | 184,591 |
| Sewers | | 29,210 | 28,200 | 20,856 | 24,045 | 25,305 | 24,911 | 152,527 |
| Transportation Infrastructure | | 11,029 | 16,262 | 15,777 | 13,292 | 15,879 | 11,982 | 84,221 |
| Unallocated Contingency | | | | | | | 10,000 | 10,000 |
| Total Allocation of Available Funding | 17,811 | 93,078 | 106,616 | 104,062 | 109,147 | 109,677 | 103,464 | 643,857 |

Detailed listings of the 2018 to 2023 projects can be found in the 2018 6-year Recommended Capital Budget book. Any in-camera items are presented separately for City Council's review.

Long Term Debt Considerations

Consistent with the very successful Pay-As-You-Go approach which has saved tens of millions of dollars in interest costs, the 6-year plan is funded from available funds without the use of any long term debt. Details of the City's long term debt projections are provided to Council as part of the 2018 Operating Budget document.

It is worth noting, that the City's consolidated long term debt currently stands at approximately \$85.2 million (projected for year-end 2017) and is expected to decrease to approximately \$53.7 million by 2021. These projections are made on the basis that there is no issuance of new debt by the City or its consolidated Boards in the forecast period. Should additional long term debt be issued during this period it would change the long term debt projections. This is down from a peak debt level of \$229 million in 2002. These dramatic decreases in long term debt have coincided with the largest capital programs in the City's history. It is estimated that debt levels would currently stand at approximately \$500 million had the City not adopted the current Pay-As-You-Go funding approach. It is noteworthy that according to the latest Ministry of Finance statistics (2016) the City of Windsor only spends 1.4% of its operating revenues on servicing its long term debt; this compares very favourably to the median of 5.4% in the province and allows Windsor to spend more of its revenues on valuable services rather than on repaying debt.

Public Consultation Process

The 2018 Budget process provided the opportunity for public input at the beginning of the process on August 8, 2017. Additionally, public input can occur during budget deliberations which are currently scheduled for mid-January 2018. The Ward meetings which were held in the September and October 2017 time period also provided residents with the opportunity to ask questions and provide input relative to their capital needs and priorities.

The 2018 Capital Budget documents are expected to be publicly available the week of December 11th and will be available for viewing in every branch of the Windsor Public Library and at City Hall (Office of the City Clerk & Office of the Chief Financial Officer), and on the City's web site.

Authority to Award Tenders

As per the recently revised Purchasing Bylaw, awards of tenders meeting certain specifications will be awarded directly by Administration (in order to expedite completion of the projects) subject to the following conditions:

- the tender is being awarded to the low bidder,
- the low tender meets the required specifications for the project,
- the low tender meets all the requirements of the purchasing bylaw, and
- the low tender is within budget for the project

Administration will prepare a Delegation of Authority (DOA) report to award the tenders and then report the various awards to Council through the normal DOA semi-annual reporting process.

Risk Analysis:

As is the case in any budget, there are a number of risks that are inherent in the capital plan being recommended. The more potentially significant ones are the following:

- The only way to truly know the actual costs of the various projects is after the completion of the related tenders. Therefore, the primary risk at this time is the actual costs of some of the projects will be greater than budgeted. This risk is likely to almost certain to occur and the consequences, based on the actual issues experience in 2017 are considered moderate, classifying this as a significant risk. Certainly this risk has become very apparent during 2017 given the positive economic circumstances and the fact that most contractors are extremely busy with large projects. Significant grant funding announcements make this risk even greater as everyone is competing to ensure the necessary work is completed based on tight timelines. This risk is mitigated by ensuring costs estimates are being made by experienced people and using professional judgment, appropriate inflationary factors are considered and the ability to free up funds in future year projects approved in principle and based on the requested increase of \$1M to the capital budget as presented in the operational budget
- There is a risk that the funding stream projections over the 6-year planning horizon will not materialize to the full extent projected. This risk is likely to materialize but the seriousness of the consequences are expected to be low as most funding streams are known and under the control of the City itself.
- There is also a risk, common to all Ontario municipalities, that the funding sources available to the municipality, notwithstanding significant increases over the last 10 years, are not sufficient to tackle the infrastructure deficit. This risk is considered likely to almost certain to occur and with the seriousness of the consequences being high, making this a critical risk (albeit a risk that nearly all municipalities face). 20 year sustainable funding plans are being developed for City assets and will be included in the 2018 Asset Management Plan with funding recommendations provided and for consideration during the 2019 capital budget deliberations.
- There is also a risk that the future capital funding plan approved in principle may need to be revised or revisited in future years should competing or significant financial demands arise as a result of major ongoing litigation matters, significant capital and development initiatives, etc. This can be mitigated to some extent by setting aside sufficient reserves, looking forward to new and alternative funding strategies and the consideration of future funding plans associated with the upcoming Asset Management Plan.

Financial Matters:

Financial matters have been discussed throughout the report. The focus of the 6-year plan continues to be roads, sewers and related projects, with a total of approximately \$337 million of funding (or more than half of the available funding) being recommended for these types of projects.

Despite the City's vastly increased investments in capital projects over the last decade, the City's infrastructure deficit (as with most municipalities) is substantial and as noted above will be comprehensively updated for Council in 2018 along with recommendations for a long term funding strategy.

Finally, it is noted that it has been the past practice of the City, with very few if any exceptions, to limit the pre-commitment of funds to the 5-year capital planning period. The intent of this practice is to avoid pre-committing funds past the 5-year planning period for projects that would be fully completed within the 5-year period (and therefore could not be cancelled at a future time). At times there have been funds expected to be available past the 5-year planning that have been **earmarked** for **phased** initiatives that would extend past the 5-year planning period but that could be stopped if future councils did not view those later phases as their highest priority at that time.

Given that the capital planning period is gradually expanding to 10 years by 2022, it is recommended that Council re-confirm the current practice to limit true pre-commitments to the current 5 years. Administration believes that an expansion of the pre-commitment period to the eventual 10-year capital planning period would in most circumstances be too long and be undesirable for cash flow, planning and flexibility reasons.

Consultations:

All City Departments were asked to update 2018 through to 2023 capital budget needs and to submit their capital budget requests. The City's capital budget also includes projects for the Windsor Police Service and Windsor Airport (YQG) and those organizations were also asked to do likewise.

Conclusion:

The 2018 Capital Budget 6-Year Plan, totalling approx. \$643,857,000, is being recommended to Council consistent with the directions previously received. As always, Council has the ability to reprioritize the recommended expenditures subject to the current total funding envelope and any funding source restrictions. Additionally, Council may choose to increase the funding dedicated to the capital budget in order to undertake additional priority projects as necessary

Planning Act Matters:

N/A

Approvals:

| Name | Title |
|-----------------|--|
| Victor Ferranti | Manager of Capital Budget & Corporate Reserves |
| Melissa Osborne | Senior Manager of Asset Planning |

| Name | Title |
|----------------|--|
| Joe Mancina | Chief Financial Officer/City Treasurer |
| Onorio Colucci | Chief Financial Officer |

Notifications:

| Name | Address | Email |
|------|---------|-------|
| | | |

Appendices:

- 1 Appendix A - 2018 Capital Budget Summary of 2018 - 2021 Additions
- 2 Appendix B - 2018 Capital Budget Summary of 2018 - 2021 Reductions

Appendix A:



| Department | Capital Budget Project ID | Issue Description | Requested Increases above previously approved amounts | Amount of requested increase recommended to fund in 2018 - 2021 |
|------------|---------------------------|-------------------|---|---|
|------------|---------------------------|-------------------|---|---|

| Pay as you go Funding | | | | |
|-----------------------------|------------|--|------------|-----------|
| Agencies | TRN-005-07 | Handi - Transit Bus Acquisitions | 360,000 | |
| Housing & Children Services | HCS-001-14 | Windsor Essex Community Housing (City and County request) | 25,203,000 | 203,500 |
| Facilities | ENG-006-16 | Coventry Gardens Peace Fountain | 100,000 | |
| Recreation | ENG-006-17 | Windsor International Aquatics Training Centre - Capital Refurbishments | 555,000 | 75,000 |
| Facilities | ENG-007-17 | Facility Maintenance Equipment Program | 200,000 | |
| Facilities | ENG-008-17 | Generator & Fuel Storage Upgrades | 45,000 | |
| Facilities | HCP-002-07 | Corporate Facilities Roof Replacement Program | 96,400 | |
| Facilities | HCP-002-09 | Fire Hall Capital Refurbishment Program | 40,000 | |
| Facilities | HCP-005-08 | Corporate Facilities Paving Program | 270,000 | 50,000 |
| Facilities | HCP-010-07 | Willistead Complex Capital Improvements | 1,230,000 | |
| Facilities | OPS-007-07 | Operations Facilities Improvements - Crawford | 1,056,720 | 711,720 |
| Facilities | PFO-002-12 | Facility Structural & Building Envelope Maintenance Program | 165,000 | |
| Facilities | PFO-002-18 | Facility and Parks Building Demolitions | 450,000 | 55,000 |
| Facilities | PFO-003-13 | Art Gallery of Windsor Capital Improvements | 10,000 | |
| Facilities | PFO-009-11 | Corporate Heating & Cooling Replacement/Repair Program | 345,000 | |
| Facilities | PFO-010-11 | Corporate Facilities flooring and finishes replacement program | 75,000 | |
| Facilities | REC-005-07 | Corporate Arena Refurbishments | 1,200,000 | 385,000 |
| Facilities | REC-006-07 | Mackenzie Hall Repair and Maintenance | 200,000 | |
| Parks | PFO-007-11 | Tree Maintenance Backlog | 150,000 | |
| Parks | PFO-002-15 | Playgrounds Replacement Program | 2,500,000 | 654,172 |
| Parks | PFO-005-18 | Shorewall Capital Improvements | 9,100,000 | 231,500 |
| Parks | PFO-009-12 | Park / Bridge/Shelters/Buildings/Capital Improvements | 500,000 | |
| Parks | PFO-014-12 | Park Community Partnership Initiatives | 25,000 | |
| Parks | PFO-015-12 | Parks Master Plan | 200,000 | |
| Parks | PFO-017-12 | Playgrounds Equipment Removal | 200,000 | |
| Parks | PFO-003-17 | GPS Laser Line Painting Equipment | 65,000 | 65,000 |
| Recreation | REC-003-07 | Municipal Pools Refurbishment Program | 1,470,000 | |
| Recreation | REC-001-18 | Monument and Memorial Capital Repairs | 150,000 | |
| Recreation | REC-002-07 | Lakeview Park Marina Upgrades | 100,000 | 50,000 |
| Asset Planning | FIN-001-18 | Net Metering | 3,200,000 | |
| Asset Planning | FIN-003-18 | Geothermal/High Efficiency Heating and Cooling Systems | 1,000,000 | |
| Asset Planning | FIN-004-18 | Enterprise Wide Energy Management System Software | 300,000 | |
| Information Technology | ITC-003-12 | Payroll Business Process Review - Phase 2 | 550,000 | 450,000 |
| Human Resources | HRS-002-17 | Corporate Ergonomic Equipment | 35,000 | |
| Windsor Public Library | WPL-001-17 | Library Refurbishments | 41,700 | |
| Windsor Public Library | WPL-001-18 | New Shelving for Central Library for Security - Placeholder | 188,000 | |
| Engineering | ENG-002-18 | Asphalt pavement widening - Malden Rd / South Cameron Blvd | 325,000 | 325,000 |
| Engineering | ECP-041-07 | New Infrastructure Development - Oversizing Infrastructure (Developer related) | 500,000 | 477,500 |
| Engineering | ENG-001-18 | Concord School Demolition | 350,000 | |
| Engineering | ENG-003-18 | Sandwich Library | 1,913,795 | 1,413,795 |

| Department | Capital Budget Project ID | Issue Description | Requested Increases above previously approved amounts | Amount of requested increase recommended to fund in 2018 2021 |
|------------|---------------------------|-------------------|---|---|
|------------|---------------------------|-------------------|---|---|

| | | | | |
|----------------|------------|---|----------------------|---------------------|
| Engineering | ECP-004-08 | Municipal Drains Capital Improvement Program | 250,000 | |
| Engineering | ECP-004-09 | Stormwater and Sanitary Master Plan Development | 500,000 | |
| Engineering | ECP-014-07 | City Centre Streetscape Improvements | 350,000 | 350,000 |
| Engineering | ENG-005-17 | Central Box EA road and Infrastructure Improvement | 4,662,000 | |
| Engineering | ENG-026-17 | Sandwich Roundabout & Archeological | 300,000 | 300,000 |
| Operations | OPS-001-11 | Minor Alley Maintenance Program | 1,200,000 | 200,000 |
| Operations | OPS-002-11 | Minor Road Deficiencies Rehabilitation Program | 140,000 | 140,000 |
| Operations | OPS-004-07 | Sidewalk Rehabilitation Program | 2,490,500 | 317,500 |
| Operations | OPS-028-18 | Concrete Road Panel Repair Program | 6,000,000 | |
| Operations | OPS-029-18 | Curb Replacement Program | 1,200,000 | |
| Operations | OPS-022-11 | Purchase of Additional Fleet Equipment | 345,000 | 310,000 |
| Operations | OPS-027-18 | Greening the Fleet | 150,000 | |
| Transportation | TRN-001-07 | Bus Acquisitions | 3,955,892 | |
| Transportation | TRN-003-17 | Transit Windsor - West End Terminal | 548,500 | 548,500 |
| Operations | OPS-009-07 | Transportation Planning Environmental Study Reports | 100,000 | 100,000 |
| Facilities | ENG-005-16 | 2437 Howard Ave Improvements | 200,000 | |
| Legal | LGL-001-18 | Corporate Space Needs | 500,000 | |
| Planning | PBG-002-18 | Comprehensive Zoning By-Law | 250,000 | |
| Parks | PFO-016-12 | Parkland Acquisition | 13,000 | 13,000 |
| Parks | PFO-001-16 | New Greenhouse Complex | 150,000 | 150,000 |
| Operations | OPS-005-07 | Railway Lands Fencing | 50,000 | |
| Operations | ENG-024-17 | Dominion / Northwood Intersection | 1,000,000 | 1,000,000 |
| Planning | PLN-005-07 | Planning and Building E-Plan and E-permit review and implementation | 1,528,140 | |
| | | | \$ 80,347,647 | \$ 8,576,187 |

| Dedicated Reserve Funding | | | | |
|---------------------------|------------|---|-----------|-----------|
| Pollution Control | ENV-001-08 | Lou Romano Water Reclamation Plant Capital Improvements | 425,000 | 425,000 |
| Pollution Control | ENV-002-08 | Little River Pollution Control Plant Capital Improvements | 2,250,000 | 2,250,000 |
| Pollution Control | ENV-003-08 | Pumping Station Capital Improvements | 1,355,000 | 1,355,000 |
| Fleet | OPS-005-08 | Corporate Fleet Replacement Program | 98,000 | 98,000 |
| Operations | OPS-001-13 | Parking Equipment Replacement Program | 40,000 | 40,000 |
| Parks | PFO-007-12 | Neighbourhood Parks Initiatives | 10,000 | 10,000 |
| Finance | FIN-001-14 | Development Charges Study and bylaw update | 120,000 | 120,000 |
| Information Technology | ITC-002-16 | Corporate Radio Infrastructure Upgrades | 100,000 | 100,000 |
| Fire | FRS-001-18 | Radio Service Monitoring | 45,000 | 45,000 |
| Police | POL-001-11 | Windsor Police Services Collision Reporting Centre - Expansion & Upgrades | 1,400,000 | 800,000 |
| Police | POL-004-15 | Windsor Police Services - In camera item #5 | 100,000 | 100,000 |
| Police | POL-003-16 | Windsor Police Services Microsoft Office Software Upgrades | 175,000 | 100,000 |
| Police | POL-005-15 | Windsor Police Services Use of Force Simulator | 160,000 | |
| Police | POL-006-14 | Windsor Police Service 911 VoIP Upgrades | 200,000 | |
| Police | POL-007-17 | Windsor Police Services patrol Line up Room Maintenance Modernization | 500,000 | |
| Police | POL-009-14 | Windsor Police Services HQ Building Workstations Reconfiguration | 1,250,000 | 250,000 |
| Police | POL-009-17 | Windsor Police Services Disaster Recovery Backup/Replication Site Imp. | 225,000 | 150,000 |

| Department | Capital Budget Project ID | Issue Description | Requested Increases above previously approved amounts | Amount of requested increase recommended to fund in 2018 2021 |
|-------------|---------------------------|---|---|---|
| Police | POL-011-17 | Windsor Police Services In camera Item #14 | 300,000 | |
| Police | POL-012-16 | Windsor Police Services Indoor Training Range Upgrades | 345,000 | 145,000 |
| Police | POL-012-17 | Windsor Police Services Physical Readiness & Preparedness Centre | 800,000 | |
| Police | POL-013-17 | Windsor Police Services In camera Item#16 | 50,000 | |
| Police | POL-014-17 | Windsor Polices Services Mobile Device Encryption Laptops | 100,000 | |
| Police | POL-015-17 | Windsor Police Services In camera Item #17 | 140,000 | |
| Police | POL-016-17 | Windsor Police Services Patrol Smarphone Mobile Data Phase 2 | 100,000 | |
| Police | POL-016-18 | Windsor Police Services Smartphone Device Refresh | 140,000 | |
| Police | POL-017-18 | Windsor Police Service Motorola WAVE Digital Radio Smartphone App Impl. | 150,000 | |
| Police | POL-010-18 | Windsor Police Services Property Room Audit & Reorganization | 250,000 | 150,000 |
| Police | POL-008-18 | Windsor Police Services 2018 In camera Item #8 | 60,000 | 60,000 |
| Police | POL-009-18 | Windsor Police Services 2018 In camera Item 9 | 240,000 | |
| Police | POL-020-18 | Windsor Police Services E911 Workstations | 300,000 | |
| Planning | PBG-003-18 | Annex lands growth/development - storm water charge study | 150,000 | 150,000 |
| Engineering | ENG-0015-17 | Sewer Rehabilitation - Mount Carmel - Cabana to Lennon Drain | 273,791 | 273,791 |
| | | | \$ 11,851,791 | \$ 6,621,791 |

Total Funded and Unfunded Project Increase requests from Previously Approved in Principle amounts

| | |
|----------------------|----------------------|
| \$ 92,199,438 | \$ 15,197,978 |
|----------------------|----------------------|

Appendix B:



Decreases to
previously approved
in principle amounts

Project Funding Decreases (PAYG)

| | |
|---|-----------|
| Corporate Facilities Access Protocols | 75,000 |
| Corporate Designated Substance Remediation Program | 100,000 |
| Corporate Facilities Boiler Replacement Program | 55,000 |
| Municipal Pools Refurbishment Program | 26,720 |
| Local Improvement Program - Infrastructure | 345,000 |
| Malden Landfill Gas Migration | 500,000 |
| Civic Gateway Corridor Enhancements | 200,000 |
| Parks Equipment Replacement | 200,000 |
| Parking Enforcement Handheld Unit Replacement Program | 159,000 |
| Traffic Calming Initiatives | 100,000 |
| Transit Fleet | 548,000 |
| Property Related Matters | 150,000 |
| Bridge Rehabilitation | 1,000,000 |
| Cabana (grant funding for bikelanes allowed reallocation) | 325,000 |

\$ 3,783,720

Project Funding Decreases (Corporate Reserves)

| | |
|---|---------|
| Social Housing Reserve Fund | 11,191 |
| Regional Parks Initiatives | 350,000 |
| City Wide Sewer Rehabilitation | 298,327 |
| Windsor Police Service E911 Workstation Replacement | 50,000 |
| Windsor Police Services Use of Force Simulator | 160,000 |
| Windsor Police Services In camera Item #11 | 100,000 |
| Windsor Police Service Internet Child Anti-Exploitation Initiatives | 100,000 |
| Windsor Police Services Mobile Technology Initiatives | 70,000 |

\$ 1,139,518

Total Project Reductions and Eliminations of previously approved in principle projects

\$ 4,923,238

Decision Number: B72/2018

THAT City Council **RECEIVE** the 2018 Capital Budget 6-Year Plan documents reflective of \$643,857,000 in total funding; and,

THAT City Council **APPROVE** the recommended allocation of the 2018 available funding (net of funding required for pre-commitments and allocations to prior years' approvals) for capital projects totalling approximately \$51,580,000 (subject to any further changes approved by Council); and,

THAT City Council **APPROVE IN PRINCIPLE** the recommended allocation of the 2019 through to 2023 available funding (net of funding required for pre-commitments and allocations to prior years' approvals) for capital projects totalling approx. \$431,485,000 inclusive of the 2023 unallocated capital funding of \$10,000,000 and subject to any further changes approved by City Council; and,

THAT City Council **RE-CONFIRM** that pre-commitment of capital funds will generally continue to be limited to the current 5-year period notwithstanding the gradual increase of the capital planning period to 10 years by the 2022 budget.

Carried.

Councillor Marra discloses an interest and abstains from voting on Capital Budget Item #TRN-003-17 being the 2018 Capital Budget request for Transit Windsor West End terminal as his employer has been in discussions in terms of the location selection of the terminal.

Moved by: Councillor Gignac

Seconded by: Councillor Francis

2018 Approved Capital Budget



Section B:

Summary of 6-Year Capital Budget

City of Windsor

Summary of Capital Budget Funding Sources and Expenditures (\$ 000's)
for Budget Year 2018 (6-Year Capital Plan)

| Year | | Internal Pay As You Go | | | Corporate Reserves/Projects | | | External Sources | | Total |
|------|--|--------------------------------|-------------------------------|------------------------------|-----------------------------|------------------------------|----------------|--------------------------|------------------------|---------|
| | | Pay As You Go Operating Budget | Pay As You Go Sewer Surcharge | Pay As You Go Debt Reduction | Capital Expenditure Reserve | Development Charges Reserves | Other Reserves | Federal Fuel Tax Funding | Third-Party Recoveries | |
| 2018 | Funding Available | 21,455 | 21,601 | 32,100 | 3,013 | 3,791 | 13,874 | 13,801 | 2,796 | 112,430 |
| | Less: Funding allocated to Pre-Commitments | 3,378 | 12,689 | 24,289 | - | 2,716 | 1,233 | 45 | - | 44,350 |
| | Less: Funding allocated to Prior Years' Commitments | 10,000 | - | 7,811 | - | - | - | - | - | 17,811 |
| | Less: Funding allocated to <i>Approved</i> Expenditures | 8,077 | 8,912 | 0 | 3,013 | 1,075 | 12,640 | 13,756 | 2,796 | 50,269 |
| | Funding Surplus/(Deficit) | (0) | - | - | - | - | - | - | - | (0) |
| 2019 | Funding Available | 21,455 | 21,600 | 32,100 | 3,020 | 835 | 13,826 | 13,434 | 4,242 | 110,512 |
| | Less: Funding allocated to Pre-Commitments | - | 100 | 29,667 | 370 | 335 | 1,171 | - | - | 31,644 |
| | Less: Funding allocated to Prior Years' Commitments | - | - | - | - | - | - | - | - | - |
| | Less: Funding allocated to <i>Approved</i> (in Principle) Expenditures | 21,455 | 21,500 | 2,433 | 2,650 | 500 | 12,655 | 13,434 | 4,242 | 78,868 |
| | Funding Surplus/(Deficit) | 0 | - | - | - | - | - | - | - | 0 |
| 2020 | Funding Available | 21,455 | 21,600 | 32,100 | 3,000 | 2,555 | 10,163 | 13,434 | 3,819 | 108,126 |
| | Less: Funding allocated to Pre-Commitments | - | 2,196 | 33,679 | 505 | 495 | 1,137 | - | - | 38,012 |
| | Less: Funding allocated to Prior Years' Commitments | - | - | - | - | - | - | - | - | - |
| | Less: Funding allocated to <i>Approved</i> (in Principle) Expenditures | 21,455 | 19,405 | (1,579) | 2,495 | 2,060 | 9,026 | 13,434 | 3,819 | 70,113 |
| | Funding Surplus/(Deficit) | 0 | - | - | - | - | - | - | - | 0 |
| 2021 | Funding Available | 21,455 | 21,600 | 32,100 | 3,000 | 2,540 | 15,366 | 13,434 | 652 | 110,147 |
| | Less: Funding allocated to Pre-Commitments | - | 2,881 | 21,873 | 500 | 20 | 750 | - | - | 26,024 |
| | Less: Funding allocated to Prior Years' Commitments | - | - | - | - | - | - | - | - | - |
| | Less: Funding allocated to <i>Approved</i> (in Principle) Expenditures | 21,455 | 18,719 | 10,227 | 2,500 | 2,520 | 14,616 | 13,434 | 652 | 84,124 |
| | Funding Surplus/(Deficit) | (0) | - | - | - | - | - | - | - | (0) |
| 2022 | Funding Available | 21,455 | 21,600 | 32,100 | 3,000 | 240 | 15,482 | 13,434 | 3,367 | 110,677 |
| | Less: Funding allocated to Pre-Commitments | - | 1,620 | 8,152 | - | - | - | - | - | 9,771 |
| | Less: Funding allocated to Prior Years' Commitments | - | - | - | - | - | - | - | - | - |
| | Less: Funding allocated to <i>Approved</i> (in Principle) Expenditures | 21,455 | 19,980 | 23,948 | 3,000 | 240 | 15,482 | 13,434 | 3,367 | 100,906 |
| | Funding Surplus/(Deficit) | 0 | - | - | - | - | - | - | - | 0 |
| 2023 | Funding Available | 21,455 | 21,600 | 32,100 | 3,000 | 2,150 | 8,910 | 13,434 | 1,815 | 104,464 |
| | Less: Funding allocated to Pre-Commitments | - | 927 | 15,980 | - | - | - | - | - | 16,908 |
| | Less: Funding allocated to Prior Years' Commitments | - | - | - | - | - | - | - | - | - |
| | Less: Funding allocated to <i>Approved</i> (in Principle) Expenditures | 21,455 | 20,673 | 16,120 | 3,000 | 2,150 | 8,910 | 13,434 | 1,815 | 87,557 |
| | Funding Surplus/(Deficit) | (0) | - | - | - | - | - | - | - | (0) |

2018 Approved Capital Budget



Section C:

6-Year Capital Project Listing by Major Category

City Of Windsor
Capital Project Listing By Major Category (Gross)
For Budget Year 2018

Community & Economic Development

| Page # | Project # | Project Name | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
|--------|------------|--|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| 308 | CAO-001-16 | City Contribution Placeholder for Transfer of Paul Martin Bldg. to University of Windsor | 0 | 7,500,000 | 7,500,000 | 0 | 0 | 0 | 15,000,000 |
| 309 | CAO-002-18 | New Windsor-Essex Hospital System Plan | 0 | 0 | 0 | 0 | 0 | 6,900,000 | 6,900,000 |
| 290 | ECB-038-18 | Windsor International Film Festival (WIFF) | 0 | 0 | 250,000 | 0 | 0 | 0 | 250,000 |
| 355 | ECB-039-18 | Ward Funds | 0 | 500,000 | 0 | 0 | 0 | 500,000 | 1,000,000 |
| 666 | ECB-042-18 | Theme Districting - Downtown, Sandwich, Walkerville, Riverside, Ford City, Asian Town | 0 | 175,000 | 234,000 | 696,000 | 300,000 | 3,595,000 | 5,000,000 |
| 314 | ECB-044-18 | Financing Charges | 20,000 | 0 | 64,000 | 0 | 0 | 75,000 | 159,000 |
| 404 | ECP-009-08 | Corporate Properties Site Assessments/Clean-ups/Demolitions | 0 | 0 | 200,000 | 200,000 | 200,000 | 0 | 600,000 |
| 466 | ENG-027-17 | Wyandotte Town Centre's World Marketplace Redevelopment - Phase 1 | 0 | 0 | 0 | 1,000,000 | 0 | 0 | 1,000,000 |
| 328 | FIN-001-14 | Development Charges Study and Bylaw Update | 120,000 | 40,000 | 40,000 | 0 | 0 | 0 | 200,000 |
| 311 | FIN-006-16 | (Legislated) Liability for Contaminated Sites | 0 | 0 | 0 | 0 | 100,000 | 0 | 100,000 |
| 329 | FIN-007-16 | Ward Funds | 0 | 0 | 400,000 | 0 | 0 | 0 | 400,000 |
| 651 | FRS-008-18 | WFRS - Development of the Strategic Plan | 0 | 0 | 0 | 0 | 30,000 | 0 | 30,000 |
| 198 | HLD-002-17 | Huron Lodge Resident Services Equipment Replacement | 0 | 0 | 0 | 124,500 | 50,000 | 0 | 174,500 |
| 656 | LGL-003-17 | Confidential Property Related Matters - In-Camera Items | 1,000,000 | 100,000 | 3,950,000 | 500,000 | 0 | 0 | 5,550,000 |
| 178 | MAY-001-17 | Districting - Themes and Identity | 0 | 0 | 0 | 250,000 | 0 | 0 | 250,000 |
| 179 | MAY-002-16 | Environmentally Significant Lands Acquisition Placeholder | 0 | 0 | 1,500,000 | 0 | 0 | 0 | 1,500,000 |
| 180 | MAY-002-17 | 2022 Can-Am Police-Fire Games Bid | 0 | 0 | 0 | 0 | 580,000 | 0 | 580,000 |
| 659 | PBG-001-18 | Official Plan Review | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 660 | PBG-002-14 | Serviced Employment Lands/Shovel Ready Sites Program | 0 | 0 | 0 | 50,000 | 0 | 0 | 50,000 |
| 661 | PBG-002-18 | Comprehensive Zoning B-Law | 0 | 0 | 0 | 0 | 250,000 | 0 | 250,000 |
| 657 | PBG-003-18 | Annexed Lands Growth/Development - Storm Water Charge Study | 150,000 | 0 | 0 | 0 | 670,000 | 0 | 820,000 |
| 667 | PLN-005-07 | Planning & Building E-Plan & E-Permit Review and Implementation | 210,000 | 10,000 | 0 | 0 | 1,500,000 | 0 | 1,720,000 |
| 662 | PLN-007-07 | Growth Management Plan Review and Implementation | 0 | 100,000 | 0 | 0 | 0 | 0 | 100,000 |
| 663 | PLN-008-07 | "Green Windsor" Protection and Funding Strategy | 0 | 80,000 | 0 | 0 | 0 | 0 | 80,000 |
| 664 | PLN-010-07 | Heritage Preservation Study and Identification of Incentives | 0 | 0 | 0 | 435,000 | 0 | 0 | 435,000 |
| 665 | PLN-017-07 | Business Improvement Area Assistance Program | 150,000 | 0 | 150,000 | 0 | 0 | 0 | 300,000 |
| 669 | PLN-018-07 | Neighbourhood Studies and Design Guidelines | 0 | 100,000 | 100,000 | 25,000 | 0 | 0 | 225,000 |

City Of Windsor
Capital Project Listing By Major Category (Gross)
For Budget Year 2018

| | | | | | | | | | |
|---|------------|--|------------------|------------------|-------------------|------------------|------------------|-------------------|-------------------|
| 670 | PLN-021-07 | City Hall Square and Civic Esplanade | 0 | 500,000 | 258,000 | 300,000 | 500,000 | 0 | 1,558,000 |
| 366 | WPL-001-14 | Windsor Public Library Mobile Unit/Materials Acquisition | 175,000 | 175,000 | 150,000 | 150,000 | 0 | 0 | 650,000 |
| 382 | WPL-002-09 | Budimir Library Renovation/Expansion | 0 | 0 | 0 | 0 | 50,000 | 0 | 50,000 |
| 384 | WPL-003-18 | Refurbish or Replace the Bookmobile | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Community & Economic Development Total | | | 1,825,000 | 9,280,000 | 14,796,000 | 3,730,500 | 4,230,000 | 11,070,000 | 44,931,500 |

City Of Windsor
Capital Project Listing By Major Category (Gross)
For Budget Year 2018

Corporate Property Infrastructure

| Page # | Project # | Project Name | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
|--------|------------|---|-----------|-----------|---------|-----------|---------|---------|-----------|
| 390 | ECB-005-18 | Electrical Box Installation - Maiden Lane - Support DWF | 75,000 | 0 | 0 | 0 | 0 | 0 | 75,000 |
| 201 | ECB-010-18 | Capitol Theatre Improvements | 0 | 0 | 60,000 | 0 | 0 | 0 | 60,000 |
| 401 | ECP-001-13 | New Fire Hall Station #6 & Emergency Operations Centre (EOC) | 1,247,160 | 2,448,064 | 0 | 0 | 0 | 0 | 3,695,224 |
| 403 | ECP-001-16 | New City Hall Construction | 0 | 2,500,000 | 0 | 4,850,000 | 0 | 0 | 7,350,000 |
| 409 | ENG-001-18 | Concord School Demolition | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 411 | ENG-003-18 | Sandwich Library | 513,795 | 434,280 | 465,720 | 0 | 500,000 | 0 | 1,913,795 |
| 202 | ENG-004-16 | Corporate Facilities Access Protocols | 75,000 | 150,000 | 50,000 | 0 | 0 | 0 | 275,000 |
| 652 | ENG-005-16 | 2437 Howard Ave. Improvements Placeholder | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 205 | ENG-006-17 | Windsor International Aquatic Training Centre – Ongoing Capital Maintenance | 75,000 | 200,000 | 0 | 0 | 150,000 | 150,000 | 575,000 |
| 206 | ENG-007-17 | Facility Maintenance Equipment Program | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 100,000 |
| 207 | ENG-008-16 | 400 City Hall Square Workplace Reconfiguration | 0 | 38,000 | 162,000 | 0 | 0 | 0 | 200,000 |
| 208 | ENG-008-17 | Generator & Fuel Storage Upgrades | 175,000 | 45,000 | 0 | 0 | 0 | 0 | 220,000 |
| 209 | ENG-009-17 | Festival Plaza - Facility Requirements | 0 | 0 | 0 | 0 | 50,000 | 0 | 50,000 |
| 210 | ENG-010-17 | Capitol Theatre Capital Improvements | 0 | 0 | 500,000 | 0 | 200,000 | 0 | 700,000 |
| 212 | ENG-041-17 | Enwin Substations Acquisition (Avon/Mark Parks) | 0 | 0 | 0 | 150,000 | 0 | 0 | 150,000 |
| 315 | FIN-001-15 | Sub-Metering - Energy Cost Savings Initiative | 0 | 0 | 0 | 150,000 | 0 | 0 | 150,000 |
| 316 | FIN-001-18 | Net Metering | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 318 | FIN-002-15 | Corporate Wide Facilities LED Conversion | 0 | 1,200,000 | 0 | 0 | 0 | 0 | 1,200,000 |
| 319 | FIN-003-14 | Energy Efficiency Engineering Studies for Arenas | 0 | 200,000 | 0 | 0 | 0 | 0 | 200,000 |
| 320 | FIN-003-15 | Corporate Wide Facilities Lighting Sensors and Timers | 55,000 | 0 | 5,000 | 0 | 0 | 0 | 60,000 |
| 321 | FIN-003-18 | Geothermal/High Efficiency Heating and Cooling Systems | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 322 | FIN-004-15 | 400 City Hall Square Energy Efficiency Upgrades | 0 | 0 | 0 | 100,000 | 0 | 0 | 100,000 |
| 323 | FIN-004-18 | Enterprise Wide Energy Management System Software | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 326 | FIN-006-15 | Transit Windsor Installation of NOx and CO Sensors | 60,000 | 0 | 2,000 | 0 | 0 | 0 | 62,000 |
| 327 | FIN-007-15 | Huron Lodge Energy Efficiency Initiatives - LED/Sub-Metering/HVAC Upgrades | 0 | 0 | 0 | 50,000 | 0 | 0 | 50,000 |
| 642 | FRS-001-18 | Radio Service Monitor | 0 | 0 | 0 | 45,000 | 0 | 0 | 45,000 |
| 644 | FRS-002-16 | Fire Engine Portable Hoists | 0 | 0 | 0 | 80,000 | 0 | 0 | 80,000 |
| 645 | FRS-002-18 | Breathing Air-Compressor Replacement | 0 | 0 | 0 | 0 | 100,000 | 0 | 100,000 |
| 638 | FRS-003-13 | New Fire Headquarters - Station #1 | 0 | 0 | 0 | 1,000,000 | 0 | 0 | 1,000,000 |
| 646 | FRS-003-16 | Fire Education Materials, Displays & Equipment | 0 | 0 | 20,000 | 0 | 0 | 0 | 20,000 |

City Of Windsor
Capital Project Listing By Major Category (Gross)
For Budget Year 2018

| | | | | | | | | | |
|-----|------------|--|-----------|-----------|-----------|---------|-----------|-----------|------------|
| 647 | FRS-004-07 | Firefighter Self-Contained Breathing Apparatus (SCBA) Replacement | 300,000 | 0 | 0 | 0 | 0 | 0 | 300,000 |
| 648 | FRS-004-18 | Posichek Machine (SCBA tester) | 0 | 0 | 0 | 0 | 25,000 | 0 | 25,000 |
| 649 | FRS-005-18 | Shop Air-Compressor | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 650 | FRS-006-18 | Hoist Replacement | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 640 | FRS-007-18 | Thermal Imaging Camera - Fire & Rescue Services | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 100,000 |
| 357 | HCP-001-07 | Accessibility - ODA Compliance | 0 | 0 | 100,000 | 100,000 | 100,000 | 0 | 300,000 |
| 213 | HCP-001-10 | Corporate Facilities Water Backflow Prevention Program | 0 | 0 | 300,000 | 0 | 100,000 | 0 | 400,000 |
| 214 | HCP-002-07 | Corporate Facilities Roof Replacement Program | 471,100 | 415,400 | 1,330,500 | 410,000 | 400,000 | 400,000 | 3,427,000 |
| 217 | HCP-002-09 | Fire Hall Capital Refurbishment Program | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 900,000 |
| 218 | HCP-005-08 | Corporate Facilities Paving Program | 150,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 650,000 |
| 219 | HCP-010-07 | Willistead Complex Capital Improvements | 0 | 0 | 0 | 0 | 150,000 | 50,000 | 200,000 |
| 303 | HCP-011-07 | Willistead Complex Restoration Improvements | 0 | 0 | 100,000 | 0 | 0 | 0 | 100,000 |
| 182 | HCS-001-07 | Social Housing Reserve Fund | 0 | 2,000,000 | 0 | 0 | 5,000,000 | 5,000,000 | 12,000,000 |
| 185 | HCS-001-14 | Windsor Essex Community Housing Corporation Capital Improvements | 2,252,800 | 0 | 0 | 305,630 | 4,198,099 | 0 | 6,756,529 |
| 189 | HLD-001-12 | Huron Lodge Nursing Equipment Replacement Program | 0 | 150,000 | 150,000 | 150,000 | 450,000 | 50,000 | 950,000 |
| 196 | HLD-001-13 | Huron Lodge Beds/Mattresses/Furniture Replacement Program | 0 | 250,000 | 100,000 | 100,000 | 100,000 | 100,000 | 650,000 |
| 190 | HLD-001-15 | Huron Lodge Ceiling Mounted Resident Lift Replacement Program | 0 | 115,000 | 200,000 | 200,000 | 100,000 | 100,000 | 715,000 |
| 192 | HLD-001-17 | Huron Lodge Dietary Servery Updates and Equipment Replacement | 0 | 0 | 0 | 35,000 | 35,000 | 35,000 | 105,000 |
| 197 | HLD-002-12 | Huron Lodge Cooking and Food Preparation Equipment Replacement Program | 40,000 | 40,000 | 0 | 40,000 | 40,000 | 40,000 | 200,000 |
| 193 | HLD-003-15 | Huron Lodge Dish Machines and Industrial Kitchen Equipment Replacement | 80,000 | 95,000 | 0 | 110,000 | 0 | 40,000 | 325,000 |
| 194 | HLD-004-15 | Huron Lodge Refrigeration and Freezer Equipment Replacement | 80,000 | 0 | 0 | 0 | 175,000 | 0 | 255,000 |
| 364 | HRS-002-08 | Corporate Health and Safety Program - Assessments and Upgrades | 10,000 | 10,000 | 10,000 | 10,000 | 0 | 0 | 40,000 |
| 358 | HRS-002-09 | Accessibility - AODA Standard Training, Materials and Outreach | 0 | 0 | 74,500 | 0 | 0 | 0 | 74,500 |
| 362 | HRS-002-17 | Corporate Ergonomic Equipment | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 653 | LGL-001-17 | Former Marlborough Community Centre | 0 | 0 | 0 | 0 | 60,000 | 0 | 60,000 |
| 654 | LGL-001-18 | Corporate Space Needs | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 655 | LGL-002-17 | Demolition of Transitional Buildings | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 220 | OPS-007-07 | Operations Facilities Improvements | 373,360 | 490,720 | 25,000 | 25,000 | 25,000 | 25,000 | 964,080 |
| 222 | OPS-011-07 | Traffic Operations Facilities Upgrades | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 223 | PFO-001-12 | Corporate Properties Security Systems and Infrastructure | 50,000 | 50,000 | 50,000 | 75,000 | 75,000 | 75,000 | 375,000 |

City Of Windsor
Capital Project Listing By Major Category (Gross)
For Budget Year 2018

| | | | | | | | | | |
|-----|------------|--|-----------|---------|---------|-----------|-----------|---------|-----------|
| 225 | PFO-001-15 | Huron Lodge Miscellaneous Equipment Replacement | 0 | 60,000 | 175,000 | 0 | 175,000 | 0 | 410,000 |
| 226 | PFO-002-12 | Facility Structural & Building Envelope Maintenance Program | 50,000 | 100,000 | 50,000 | 50,000 | 50,000 | 50,000 | 350,000 |
| 227 | PFO-002-14 | Huron Lodge Facility Improvements | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 228 | PFO-002-18 | Facility & Parks Building Demolitions | 55,000 | 0 | 0 | 0 | 100,000 | 100,000 | 255,000 |
| 229 | PFO-003-11 | Corporate Designated Substance Remediation Program | 0 | 100,000 | 0 | 0 | 0 | 0 | 100,000 |
| 230 | PFO-003-13 | Art Gallery of Windsor Capital Improvements | 1,320,000 | 125,000 | 125,000 | 125,000 | 125,000 | 125,000 | 1,945,000 |
| 231 | PFO-003-14 | Corporate Facilities Boiler Replacement Program | 0 | 89,500 | 0 | 0 | 0 | 0 | 89,500 |
| 232 | PFO-004-12 | Corporate Facilities Building Condition Assessments | 0 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 250,000 |
| 233 | PFO-004-14 | Facilities Operations Business Process Improvements | 0 | 0 | 50,000 | 0 | 0 | 0 | 50,000 |
| 234 | PFO-009-11 | Corporate Heating & Cooling Replacement/Repair Program | 450,000 | 500,000 | 500,000 | 100,000 | 150,000 | 100,000 | 1,800,000 |
| 236 | PFO-010-11 | Corporate Facilities Flooring and Finishes Replacement Program | 100,000 | 260,000 | 100,000 | 100,000 | 100,000 | 100,000 | 760,000 |
| 237 | PFO-014-07 | Corporate Facilities Health & Safety Compliance Upgrades | 150,000 | 100,000 | 100,000 | 100,000 | 150,000 | 150,000 | 750,000 |
| 118 | POL-001-11 | Windsor Police Service Collision Reporting Centre - Expansion and Upgrades | 630,000 | 370,000 | 0 | 0 | 500,000 | 0 | 1,500,000 |
| 121 | POL-001-17 | Windsor Police Service - In-camera Item #1 | 0 | 0 | 0 | 75,000 | 0 | 0 | 75,000 |
| 172 | POL-001-18 | Windsor Police Service - 2018 In-Camera Item 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 124 | POL-002-17 | Windsor Police Service - In-camera Item #2 | 0 | 0 | 0 | 75,000 | 0 | 0 | 75,000 |
| 125 | POL-003-14 | Windsor Police Service - In-camera Item #3 | 0 | 0 | 100,000 | 0 | 0 | 0 | 100,000 |
| 127 | POL-003-17 | Windsor Police Service - In-camera Item #4 | 0 | 0 | 0 | 100,000 | 0 | 0 | 100,000 |
| 129 | POL-004-16 | Windsor Police Service - In-camera Item #6 | 0 | 50,000 | 50,000 | 50,000 | 100,000 | 100,000 | 350,000 |
| 130 | POL-004-17 | Windsor Police Service - In-camera Item #7 | 0 | 0 | 0 | 75,000 | 0 | 0 | 75,000 |
| 132 | POL-005-17 | Windsor Police Service - In-camera Item #8 | 0 | 0 | 0 | 85,000 | 0 | 0 | 85,000 |
| 134 | POL-006-17 | Windsor Police Service Operations Centre (WPSOC) | 0 | 0 | 0 | 250,000 | 1,250,000 | 0 | 1,500,000 |
| 137 | POL-007-14 | Windsor Police Service - In-camera Item #9 | 220,000 | 155,000 | 125,000 | 125,000 | 125,000 | 125,000 | 875,000 |
| 139 | POL-007-17 | Windsor Police Service Patrol Line-up Room Modernization | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 141 | POL-008-17 | Windsor Police Service CRISIS Negotiator Unit (life-cycle replacement) | 0 | 0 | 0 | 60,000 | 0 | 0 | 60,000 |
| 174 | POL-008-18 | Windsor Police Service - 2018 In-Camera Item 8 | 0 | 0 | 0 | 60,000 | 0 | 0 | 60,000 |
| 142 | POL-009-14 | WPS HQ Building Workspace Reconfigurations | 250,000 | 0 | 0 | 0 | 0 | 0 | 250,000 |
| 145 | POL-010-14 | Windsor Police Service - In-camera Item #12 | 0 | 0 | 0 | 1,000,000 | 0 | 0 | 1,000,000 |
| 147 | POL-010-17 | Windsor Police Service - In-camera Item #13 | 0 | 0 | 0 | 75,000 | 0 | 0 | 75,000 |

City Of Windsor
Capital Project Listing By Major Category (Gross)
For Budget Year 2018

| | | | | | | | | | |
|--|------------|---|-------------------|-------------------|------------------|-------------------|-------------------|------------------|-------------------|
| 149 | POL-011-17 | Windsor Police Service - In-camera Item #14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 150 | POL-011-18 | Windsor Police Service - 2018 In-Camera Item 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 151 | POL-012-16 | Windsor Police Service Indoor Training Range Upgrades | 300,000 | 0 | 0 | 0 | 0 | 0 | 300,000 |
| 152 | POL-012-17 | Windsor Police Service Physical Readiness & Preparedness Centre | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 153 | POL-013-14 | Windsor Police Service - In-camera Item #15 | 200,000 | 0 | 0 | 0 | 0 | 0 | 200,000 |
| 154 | POL-013-16 | Windsor Police Service Outdoor Training Range Upgrades | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 156 | POL-013-17 | Windsor Police Service - In-camera Item #16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 160 | POL-015-17 | Windsor Police Service - In-camera Item #17 | 0 | 0 | 160,000 | 0 | 0 | 0 | 160,000 |
| 165 | POL-018-18 | Windsor Police Service Stores Reconfiguration/Automation | 0 | 0 | 0 | 0 | 90,000 | 60,000 | 150,000 |
| 166 | POL-019-18 | Windsor Police Service New HQ Key Control Management System | 0 | 0 | 0 | 0 | 40,000 | 90,000 | 130,000 |
| 176 | POL-020-18 | Windsor Police Service E911 Workstations | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 167 | POL-021-18 | Windsor Police Service Asset Management Life-Cycle Replacements | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 240 | REC-005-07 | Corporate Arena Refurbishments | 635,000 | 250,000 | 280,000 | 250,000 | 375,000 | 200,000 | 1,990,000 |
| 243 | REC-006-07 | Mackenzie Hall Repair and Maintenance | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 100,000 |
| 99 | RGC-001-18 | Roseland/Little River Golf Courses Asset Replacement/Improvements | 0 | 0 | 0 | 0 | 100,000 | 0 | 100,000 |
| 628 | TRN-001-17 | Transit Windsor - Building Maintenance | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 630 | TRN-002-17 | Transit Maintenance - Safety Assessment at Transit Windsor Property | 0 | 180,000 | 0 | 0 | 0 | 0 | 180,000 |
| 367 | WPL-001-17 | Library Refurbishments | 0 | 0 | 0 | 25,844 | 89,180 | 33,752 | 148,776 |
| 369 | WPL-001-18 | New Shelving for Central Library for Security | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 383 | WPL-002-18 | Material Acquisitions | 0 | 0 | 0 | 0 | 125,000 | 125,000 | 250,000 |
| 386 | WPL-009-11 | Windsor Public Library Facility Refurbishments | 0 | 0 | 0 | 45,500 | 0 | 0 | 45,500 |
| Corporate Property Infrastructure Total | | | 10,593,215 | 13,470,964 | 5,819,720 | 11,111,974 | 16,127,279 | 7,873,752 | 64,996,904 |

City Of Windsor
Capital Project Listing By Major Category (Gross)
For Budget Year 2018

Corporate Technology

| Page # | Project # | Project Name | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
|--------|------------|---|---------|---------|---------|-----------|-----------|---------|-----------|
| 356 | CCS-001-11 | 311/211 Call Centre Telephone System Upgrades | 0 | 200,000 | 0 | 0 | 0 | 0 | 200,000 |
| 641 | FRS-001-15 | Fire & Rescue GPS Traffic Pre-emption Technology Infrastructure | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 643 | FRS-002-07 | Fire & Rescue Computer-aided Dispatch System (CRISYS) Upgrade | 0 | 50,000 | 0 | 0 | 50,000 | 0 | 100,000 |
| 187 | HLD-001-11 | Huron Lodge Wireless Technology Implementation | 0 | 78,000 | 0 | 0 | 0 | 0 | 78,000 |
| 191 | HLD-002-15 | Huron Lodge Resident Monitoring & Nurse Bedside Call System | 100,000 | 25,000 | 0 | 20,000 | 0 | 100,000 | 245,000 |
| 195 | HLD-006-15 | Huron Lodge Dietary Management System Upgrades | 0 | 65,000 | 0 | 0 | 75,000 | 105,000 | 245,000 |
| 360 | HRS-002-11 | Corporate Employee Online Training Programs | 0 | 0 | 0 | 20,000 | 0 | 0 | 20,000 |
| 330 | ITC-001-08 | Information Technology Business Continuity Improvements | 0 | 0 | 100,000 | 100,000 | 200,000 | 150,000 | 550,000 |
| 337 | ITC-001-09 | Corporate Facilities Content Access Improvements | 0 | 0 | 200,000 | 0 | 200,000 | 0 | 400,000 |
| 332 | ITC-001-10 | Smart Community Initiative | 0 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 1,000,000 |
| 335 | ITC-001-12 | Fire and Rescue Records Management and Computer Aided Dispatch System Initiatives | 0 | 0 | 0 | 900,000 | 0 | 0 | 900,000 |
| 333 | ITC-001-13 | Corporate Integration of Mobile Technologies | 0 | 500,000 | 0 | 500,000 | 0 | 300,000 | 1,300,000 |
| 342 | ITC-001-18 | Online Access for Non-Network Users | 0 | 0 | 250,000 | 200,000 | 100,000 | 0 | 550,000 |
| 344 | ITC-002-07 | Corporate Electronic Storage and Retrieval Systems Upgrades | 100,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 850,000 |
| 113 | ITC-002-16 | Corporate Radio Infrastructure Upgrades | 0 | 0 | 0 | 3,100,000 | 3,100,000 | 0 | 6,200,000 |
| 346 | ITC-003-07 | Information Technology Network Infrastructure Improvements | 200,000 | 200,000 | 230,000 | 250,000 | 200,000 | 200,000 | 1,280,000 |
| 348 | ITC-005-07 | Corporate Data & Network Security Initiatives | 100,000 | 319,000 | 329,000 | 176,000 | 300,000 | 300,000 | 1,524,000 |
| 350 | ITC-006-07 | Information Technology Disaster Recovery Initiatives | 150,000 | 150,000 | 100,000 | 100,000 | 100,000 | 100,000 | 700,000 |
| 334 | ITC-007-07 | Corporate Intranet Redesign & Internet Accessibility Improvements | 0 | 850,000 | 0 | 0 | 850,000 | 0 | 1,700,000 |
| 338 | ITC-008-07 | Corporate Enterprise Resource Planning (ERP) System Improvements | 0 | 475,000 | 250,000 | 250,000 | 250,000 | 250,000 | 1,475,000 |
| 340 | ITC-011-07 | AMANDA Information System Upgrades and Improvements | 200,000 | 350,000 | 200,000 | 200,000 | 300,000 | 200,000 | 1,450,000 |
| 352 | ITC-012-07 | Corporate Telephone System Upgrades/Replacement | 200,000 | 150,000 | 200,000 | 200,000 | 300,000 | 100,000 | 1,150,000 |
| 570 | OPS-005-16 | FleetFocus Web Migration | 0 | 0 | 0 | 0 | 35,000 | 0 | 35,000 |
| 120 | POL-001-16 | Windsor Police Service E911 Voice Logger System Upgrades/Replacement | 0 | 0 | 150,000 | 0 | 0 | 0 | 150,000 |
| 122 | POL-002-15 | Windsor Police Service Next Generation 911 Infrastructure Upgrades | 0 | 200,000 | 50,000 | 65,000 | 0 | 0 | 315,000 |
| 123 | POL-002-16 | Windsor Police Service Backup E911 Centre Upgrades | 0 | 0 | 100,000 | 0 | 0 | 0 | 100,000 |
| 168 | POL-002-18 | Windsor Police Service - 2018 In-Camera Item 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

City Of Windsor
Capital Project Listing By Major Category (Gross)
For Budget Year 2018

| | | | | | | | | | |
|--|------------------|--|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| 126 | POL-003-16 | Windsor Police Service Microsoft Office Software Upgrades | 100,000 | 0 | 0 | 0 | 0 | 0 | 100,000 |
| 169 | POL-003-18 | Windsor Police Service - 2018 In-Camera Item 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 128 | POL-004-15 | Windsor Police Service - In-camera Item #5 | 0 | 200,000 | 0 | 0 | 0 | 0 | 200,000 |
| 170 | POL-004-18 | Windsor Police Service - 2018 In-Camera Item 4 | 0 | 0 | 0 | 0 | 100,000 | 0 | 100,000 |
| 131 | POL-005-15 | WPS Use of Force Simulator | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 133 | POL-006-13 | Windsor Police Service Network Infrastructure Upgrades | 0 | 150,000 | 0 | 0 | 0 | 0 | 150,000 |
| 173 | POL-006-18 | Windsor Police Service - 2018 In-Camera Item 6 | 0 | 0 | 0 | 0 | 50,000 | 0 | 50,000 |
| 135 | POL-007-13 | Windsor Police Service Business Intelligence Technology and Processes Improvements | 0 | 0 | 0 | 500,000 | 0 | 0 | 500,000 |
| 138 | POL-007-16 | Windsor Police Service - In-camera Item #10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 140 | POL-008-16 | Windsor Police Service - In-camera Item #11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 143 | POL-009-16 | Windsor Police Service Internet Child Anti-Exploitation Initiatives | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 144 | POL-009-17 | Windsor Police Service Disaster Recovery (DR) Backup/Replication Site Implementation | 150,000 | 100,000 | 0 | 0 | 0 | 0 | 250,000 |
| 175 | POL-009-18 | Windsor Police Service - 2018 In-Camera Item 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 146 | POL-010-16 | Windsor Police Service Mobile Technology Initiatives | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 171 | POL-010-18 | Windsor Police Service Property Room Audit & Reorganization | 0 | 0 | 0 | 150,000 | 0 | 0 | 150,000 |
| 148 | POL-011-16 | Windsor Police Service Mobile Occurrence/Scene Documentation Application | 0 | 0 | 150,000 | 0 | 0 | 0 | 150,000 |
| 157 | POL-014-17 | Windsor Police Service Mobile Device Encryption-Laptops | 100,000 | 0 | 0 | 0 | 0 | 0 | 100,000 |
| 158 | POL-014-18 | Windsor Police Service Data and Technology Security | 0 | 0 | 0 | 0 | 100,000 | 0 | 100,000 |
| 161 | POL-015-18 | Windsor Police Service Technology Infrastructure Enhancements | 0 | 0 | 0 | 0 | 0 | 100,000 | 100,000 |
| 162 | POL-016-17 | Windsor Police Service Patrol Smartphone Mobile Data Phase 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 163 | POL-016-18 | Windsor Police Service Smartphone Device Refresh | 0 | 0 | 0 | 0 | 140,000 | 0 | 140,000 |
| 164 | POL-017-18 | Windsor Police Service Motorola WAVE Digital Radio Smartphone App Implementation | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 385 | WPL-004-11 | Windsor Public Library Materials Automation Systems Upgrades | 0 | 1,050,000 | 0 | 0 | 0 | 0 | 1,050,000 |
| Corporate Technology Total | | | 1,400,000 | 5,462,000 | 2,659,000 | 7,081,000 | 6,800,000 | 2,255,000 | 25,657,000 |
| Capital Reserve Replenishment | | | | | | | | | |
| Page # | Project # | Project Name | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
| 313 | FIN-009-15 | Capital Reserve Replenishment Allocation | 3,210,000 | 3,210,000 | 3,210,000 | 3,210,000 | 3,210,000 | 3,210,000 | 19,260,000 |
| Capital Reserve Replenishment Total | | | 3,210,000 | 3,210,000 | 3,210,000 | 3,210,000 | 3,210,000 | 3,210,000 | 19,260,000 |

City Of Windsor
Capital Project Listing By Major Category (Gross)
For Budget Year 2018

Parks & Recreation

| Page # | Project # | Project Name | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
|--------|------------|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 249 | ECB-002-18 | Walking Path - Daytona to California | 0 | 75,000 | 0 | 0 | 0 | 0 | 75,000 |
| 250 | ECB-004-18 | Wigle Park - Phase 2 Funding | 0 | 150,000 | 0 | 0 | 0 | 175,000 | 325,000 |
| 251 | ECB-011-18 | Stodgell Park Redevelopment | 0 | 0 | 0 | 0 | 0 | 460,000 | 460,000 |
| 282 | ECB-018-18 | Rubber Base for Gary Dugal Playground | 124,000 | 0 | 0 | 0 | 0 | 0 | 124,000 |
| 283 | ECB-022-18 | Tranby Park - Relocate Kiwanis Equipment - timed with Tranby Roadwork in the Spring | 0 | 155,000 | 0 | 0 | 0 | 0 | 155,000 |
| 252 | ECB-023-18 | Realtor Park - Path | 0 | 0 | 475,000 | 0 | 0 | 0 | 475,000 |
| 284 | ECB-024-18 | Accessible Washroom and Changeroom - Riverside Park | 400,000 | 0 | 0 | 0 | 0 | 0 | 400,000 |
| 285 | ECB-026-18 | Elizabeth Kishkon Park - Install Washroom | 0 | 0 | 0 | 0 | 0 | 400,000 | 400,000 |
| 253 | ECB-028-18 | Improvements to Peche Island and Boat Access | 0 | 500,000 | 500,000 | 0 | 0 | 0 | 1,000,000 |
| 286 | ECB-029-18 | Wayfinding Signage and Markers - Ganatchio Trail/Little River | 0 | 0 | 0 | 0 | 0 | 100,000 | 100,000 |
| 287 | ECB-041-18 | Bike Park | 0 | 0 | 0 | 0 | 0 | 500,000 | 500,000 |
| 291 | ECB-043-18 | Recreation Master Plan | 0 | 200,000 | 0 | 0 | 0 | 0 | 200,000 |
| 254 | ENG-002-14 | Festival Plaza Retaining Wall - Design & Construction | 0 | 675,000 | 675,000 | 0 | 0 | 0 | 1,350,000 |
| 204 | ENG-006-16 | Coventry Gardens Peace Fountain Capital Repairs | 0 | 0 | 0 | 0 | 100,000 | 0 | 100,000 |
| 211 | ENG-033-17 | Feasibility Study - WFCU Arena | 0 | 0 | 0 | 90,000 | 0 | 0 | 90,000 |
| 548 | OPS-001-15 | Parks Equipment Replacement Program | 617,000 | 272,000 | 733,000 | 648,000 | 591,000 | 413,000 | 3,274,000 |
| 255 | PFO-001-14 | Central Riverfront Park Improvements | 0 | 3,000,000 | 500,000 | 2,450,000 | 1,000,000 | 1,000,000 | 7,950,000 |
| 247 | PFO-001-16 | New Greenhouse Complex Construction and Refurbishments | 0 | 0 | 150,000 | 0 | 0 | 0 | 150,000 |
| 256 | PFO-001-17 | Adult Exercise Equipment | 0 | 0 | 0 | 50,000 | 0 | 0 | 50,000 |
| 257 | PFO-002-15 | Playgrounds Replacement Program | 2,654,172 | 350,000 | 0 | 1,500,000 | 1,000,000 | 1,000,000 | 6,504,172 |
| 258 | PFO-002-16 | Realtor Park Splash Pad/Washroom Placeholder | 0 | 0 | 500,000 | 0 | 0 | 0 | 500,000 |
| 259 | PFO-003-15 | Central Riverfront Implementation Plan (C.R.I.P.) Placeholder | 1,990,000 | 310,000 | 0 | 0 | 0 | 0 | 2,300,000 |
| 288 | PFO-003-17 | GPS Laser Line Painting Equipment | 0 | 0 | 50,000 | 65,000 | 0 | 0 | 115,000 |
| 260 | PFO-003-18 | Fred Thomas Splash Pad (Glengarry) | 0 | 0 | 300,000 | 0 | 0 | 0 | 300,000 |
| 261 | PFO-004-17 | Forest Glade Basketball Court Renovation | 0 | 0 | 0 | 200,000 | 0 | 0 | 200,000 |
| 262 | PFO-004-18 | Riverfront Trail - Pedestrian Tunnel | 0 | 0 | 1,691,000 | 750,000 | 0 | 0 | 2,441,000 |
| 263 | PFO-005-12 | Regional Parks Initiatives | 500,000 | 150,000 | 0 | 950,000 | 0 | 0 | 1,600,000 |
| 264 | PFO-005-17 | Reaume Park Lights for Afghanistan Memorial | 0 | 0 | 0 | 5,000 | 0 | 0 | 5,000 |
| 265 | PFO-005-18 | Shorewall Capital Improvements | 0 | 0 | 0 | 231,500 | 418,500 | 0 | 650,000 |
| 266 | PFO-006-12 | Community Parks Initiatives | 0 | 500,000 | 500,000 | 250,000 | 250,000 | 0 | 1,500,000 |
| 267 | PFO-006-17 | Realtor Park - Tennis Court Enhancements | 0 | 0 | 0 | 75,000 | 0 | 0 | 75,000 |

City Of Windsor
Capital Project Listing By Major Category (Gross)
For Budget Year 2018

| | | | | | | | | | |
|-------------------------------------|------------|--|------------------|------------------|------------------|-------------------|------------------|------------------|-------------------|
| 289 | PFO-006-18 | Ditch Cutting Equipment for Vacant Properties/Phragmites Control | 0 | 0 | 0 | 0 | 266,280 | 0 | 266,280 |
| 245 | PFO-007-11 | Tree Maintenance Backlog | 710,000 | 500,000 | 500,000 | 500,000 | 500,000 | 500,000 | 3,210,000 |
| 268 | PFO-007-12 | Neighbourhood Parks Initiatives | 0 | 500,000 | 510,000 | 250,000 | 0 | 0 | 1,260,000 |
| 269 | PFO-007-17 | Washroom at Alexander Park | 0 | 0 | 0 | 250,000 | 0 | 0 | 250,000 |
| 270 | PFO-008-12 | New Park Design/Development/Construction | 0 | 0 | 0 | 300,000 | 0 | 0 | 300,000 |
| 271 | PFO-008-17 | Beach Volleyball Courts - Riverfront Park | 0 | 0 | 0 | 100,000 | 0 | 0 | 100,000 |
| 272 | PFO-009-12 | Park Bridges/Shelters/Buildings/Capital Improvements | 0 | 100,000 | 100,000 | 100,000 | 168,000 | 100,000 | 568,000 |
| 273 | PFO-010-17 | Dog Park - Malden Road | 0 | 0 | 0 | 75,000 | 0 | 0 | 75,000 |
| 274 | PFO-011-12 | Beautification of Civic Gateways and Other Open Spaces | 0 | 0 | 0 | 0 | 500,000 | 1,500,000 | 2,000,000 |
| 275 | PFO-012-12 | Park Trails Capital Improvements | 0 | 200,000 | 200,000 | 200,000 | 600,000 | 0 | 1,200,000 |
| 276 | PFO-012-17 | Central Park Tennis Court (Repave, New Nets, Paint) | 0 | 0 | 0 | 100,000 | 0 | 0 | 100,000 |
| 277 | PFO-013-12 | Park-related Parking Lots Capital Upgrades | 0 | 1,000,000 | 500,000 | 200,000 | 200,000 | 200,000 | 2,100,000 |
| 278 | PFO-014-12 | Park Community Partnership Initiatives | 0 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 125,000 |
| 279 | PFO-015-12 | Parks Master Plan | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 100,000 |
| 280 | PFO-016-12 | Parkland Acquisitions | 13,000 | 0 | 0 | 0 | 0 | 0 | 13,000 |
| 281 | PFO-017-12 | Playground Equipment Removal | 0 | 100,000 | 0 | 100,000 | 100,000 | 100,000 | 400,000 |
| 293 | REC-001-08 | The WFCU Centre Transitional Budget | 0 | 0 | 0 | 0 | 400,000 | 0 | 400,000 |
| 304 | REC-001-16 | Forest Glade New Gym Addition | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 292 | REC-001-17 | WFCU Centre Upgrades | 0 | 0 | 0 | 698,441 | 0 | 0 | 698,441 |
| 302 | REC-001-18 | Monument and Memorial Capital Repairs | 0 | 0 | 0 | 0 | 75,000 | 75,000 | 150,000 |
| 305 | REC-002-07 | Lakeview Park Marina Upgrades | 50,000 | 0 | 55,000 | 100,000 | 50,000 | 50,000 | 305,000 |
| 294 | REC-002-14 | Relocation of Sandpoint Beach | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 296 | REC-003-07 | Municipal Pools Refurbishment Program | 0 | 90,000 | 433,280 | 100,000 | 1,267,020 | 180,000 | 2,070,300 |
| 300 | REC-004-07 | Recreation Facility Refurbishment Program | 0 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 250,000 |
| 239 | REC-004-08 | The WFCU Centre Capital Improvements | 0 | 200,000 | 30,000 | 280,000 | 0 | 200,000 | 710,000 |
| 306 | REC-005-16 | Gino & Liz Marcus Community Centre Family Change Room | 0 | 0 | 1,100,000 | 0 | 0 | 0 | 1,100,000 |
| Parks & Recreation Total | | | 7,058,172 | 9,102,000 | 9,577,280 | 10,692,941 | 7,610,800 | 7,078,000 | 51,119,193 |

City Of Windsor
Capital Project Listing By Major Category (Gross)
For Budget Year 2018

Roads

| Page # | Project # | Project Name | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
|--------|------------|---|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| 389 | ECB-003-18 | College Ave. - Campbell to Mckay | 150,000 | 0 | 1,350,000 | 0 | 0 | 0 | 1,500,000 |
| 391 | ECB-006-18 | Crawford Ave. - Wyandotte to Tecumseh - Engineering | 0 | 0 | 250,000 | 0 | 0 | 0 | 250,000 |
| 486 | ECB-007-18 | Victoria Ave. - Tecumseh to Jackson Park - Mill and Pave | 0 | 0 | 150,000 | 0 | 0 | 0 | 150,000 |
| 487 | ECB-008-18 | Park St. - Pelissier to Caron | 43,000 | 387,000 | 0 | 0 | 0 | 0 | 430,000 |
| 488 | ECB-009-18 | Lillian Ave. - Grand Marais to South Pacific - Reconstruction | 0 | 0 | 500,000 | 0 | 0 | 0 | 500,000 |
| 392 | ECB-012-18 | Pedestrian Street Lighting on Ottawa St. | 0 | 0 | 158,000 | 0 | 0 | 0 | 158,000 |
| 489 | ECB-014-18 | Ypres Blvd. - Forest to Marentette - Mill and Pave | 0 | 0 | 247,000 | 0 | 0 | 0 | 247,000 |
| 394 | ECB-015-18 | Erie St. - La Bella Strada Streetscaping | 0 | 0 | 0 | 0 | 0 | 300,000 | 300,000 |
| 490 | ECB-016-18 | St. Luke Rd. - Seminole to ETR - Reconstruction | 51,000 | 0 | 0 | 459,000 | 0 | 0 | 510,000 |
| 395 | ECB-017-18 | Pillette Rd. - Seminole to VIA Tracks - Reconstruction (Phases 1 & 2) | 50,000 | 0 | 0 | 0 | 0 | 950,000 | 1,000,000 |
| 491 | ECB-019-18 | St. Julien Rd. - George to Tourangeau - Reconstruction | 0 | 0 | 0 | 155,000 | 0 | 0 | 155,000 |
| 492 | ECB-020-18 | Milloy Ave. - Chandler to Meldrum - Mill and Pave | 0 | 108,000 | 0 | 0 | 0 | 0 | 108,000 |
| 493 | ECB-021-18 | Albert St. - Wyandotte to Edna - Mill and Pave | 0 | 114,000 | 0 | 0 | 0 | 0 | 114,000 |
| 396 | ECB-025-18 | Streetlights on Banwell Road between Tecumseh and Mulberry | 0 | 0 | 0 | 0 | 0 | 70,000 | 70,000 |
| 494 | ECB-027-18 | Briarbank Dr. - Mill and Pave | 0 | 7,000 | 143,000 | 190,000 | 0 | 0 | 340,000 |
| 495 | ECB-030-18 | Wyandotte St. - St. Rose to Janisse - Repair WB, Reconstruct EB | 0 | 0 | 0 | 0 | 0 | 440,000 | 440,000 |
| 496 | ECB-031-18 | Courtland Cres. - South National to South National - Mill and Pave | 0 | 0 | 0 | 0 | 0 | 120,000 | 120,000 |
| 497 | ECB-032-18 | Annie St. - Tecumseh to Cul-de-sac - Mill and Pave | 0 | 0 | 0 | 0 | 0 | 90,000 | 90,000 |
| 397 | ECB-033-18 | Reginald St. - Pillette to Norman - Reconstruction | 0 | 0 | 0 | 0 | 0 | 375,000 | 375,000 |
| 398 | ECB-034-18 | Byng Rd. - Lappan to Melinda - Reconstruction | 128,000 | 600,000 | 2,000 | 0 | 0 | 650,000 | 1,380,000 |
| 399 | ECB-035-18 | Riverside Dr. Vista Roundabout - Devonshire and Riverside | 0 | 0 | 0 | 0 | 1,000,000 | 0 | 1,000,000 |
| 498 | ECB-036-18 | Northwood St. - Cleary to Daytona - Reconstruction | 0 | 675,000 | 75,000 | 0 | 0 | 0 | 750,000 |
| 499 | ECB-037-18 | Alley Funding | 0 | 250,000 | 0 | 0 | 0 | 0 | 250,000 |
| 414 | ECP-002-08 | Provincial Rd./Division Rd. Corridor Infrastructure Improvements | 0 | 2,000,000 | 1,850,000 | 2,000,000 | 0 | 0 | 5,850,000 |
| 415 | ECP-002-10 | Banwell Rd. Infrastructure Improvements | 0 | 0 | 1,000,000 | 1,000,000 | 0 | 1,000,000 | 3,000,000 |
| 416 | ECP-003-07 | Grand Marais Rd. Infrastructure Improvements | 340,000 | 0 | 0 | 0 | 0 | 0 | 340,000 |
| 417 | ECP-003-08 | Howard Ave. - South Corridor Infrastructure Improvements | 0 | 0 | 350,000 | 0 | 50,000 | 0 | 400,000 |
| 418 | ECP-003-09 | Cabana Rd. Infrastructure Improvements | 4,060,000 | 3,830,325 | 6,319,674 | 6,056,742 | 4,545,060 | 3,852,560 | 28,664,361 |
| 420 | ECP-004-07 | Walker Rd. Infrastructure Improvements | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 424 | ECP-005-07 | Tecumseh Rd. E. Infrastructure Improvements | 0 | 0 | 50,000 | 450,000 | 500,000 | 0 | 1,000,000 |

City Of Windsor
Capital Project Listing By Major Category (Gross)
For Budget Year 2018

| | | | | | | | | | |
|-----|------------|---|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| 426 | ECP-005-10 | Local Improvement Program - Road Rehabilitation | 0 | 250,000 | 200,000 | 200,000 | 200,000 | 0 | 850,000 |
| 427 | ECP-006-07 | Howard Ave. Infrastructure Improvements | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 428 | ECP-007-07 | Local Improvement Program - Infrastructure | 195,000 | 1,000,000 | 1,744,800 | 1,500,000 | 0 | 0 | 4,439,800 |
| 429 | ECP-008-07 | Pedestrian Safety Improvements | 0 | 100,000 | 0 | 0 | 100,000 | 0 | 200,000 |
| 430 | ECP-009-07 | Intersection Improvements Program | 0 | 470,000 | 500,000 | 500,000 | 500,000 | 500,000 | 2,470,000 |
| 431 | ECP-010-07 | East Riverside Planning District Infrastructure Improvements | 0 | 250,000 | 0 | 2,400,000 | 0 | 0 | 2,650,000 |
| 406 | ECP-012-07 | South Cameron/South Windsor Planning District Infrastructure Improvements | 0 | 0 | 200,000 | 0 | 0 | 0 | 200,000 |
| 407 | ECP-013-09 | La Bella Strada - Erie St. Business Improvement Area Streetscaping | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 432 | ECP-014-07 | City Centre Streetscape Improvements | 897,640 | 350,000 | 350,000 | 0 | 5,700,000 | 0 | 7,297,640 |
| 434 | ECP-015-07 | McDougall Ave. Infrastructure Improvements | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 435 | ECP-016-07 | The Riverside Drive Vista Improvement | 280,000 | 100,000 | 1,040,000 | 250,000 | 1,000,000 | 3,350,000 | 6,020,000 |
| 447 | EDG-001-11 | Lauzon Parkway & County Rd. 42 Infrastructure Improvements | 0 | 0 | 0 | 2,000,000 | 0 | 1,000,000 | 3,000,000 |
| 449 | EIT-001-11 | Local Improvement Program - Street Lighting | 0 | 100,000 | 0 | 100,000 | 0 | 100,000 | 300,000 |
| 451 | ENG-001-16 | Sixth Concession Rd./North Talbot Rd. Infrastructure Improvements | 0 | 0 | 0 | 600,000 | 0 | 0 | 600,000 |
| 452 | ENG-002-12 | Local Improvement Program - Sidewalks | 0 | 50,000 | 0 | 50,000 | 50,000 | 0 | 150,000 |
| 454 | ENG-002-17 | Bus Bay Program | 0 | 0 | 0 | 0 | 100,000 | 100,000 | 200,000 |
| 410 | ENG-002-18 | Asphalt Pavement Widening - Malden Rd./South Cameron Blvd. | 0 | 0 | 325,000 | 0 | 0 | 0 | 325,000 |
| 456 | ENG-003-17 | New Streetlights on Collectors and Arterials | 0 | 0 | 0 | 0 | 100,000 | 100,000 | 200,000 |
| 457 | ENG-005-17 | Central Box EA Road and Infrastructure Improvements | 0 | 220,000 | 500,000 | 0 | 700,000 | 4,662,000 | 6,082,000 |
| 458 | ENG-009-16 | North Talbot Rd. Environmental Assessment/Southwood Lakes Entrance Reconstruction | 0 | 0 | 600,000 | 0 | 0 | 0 | 600,000 |
| 464 | ENG-024-17 | Northwood/Dominion Intersection Improvements | 0 | 0 | 0 | 1,150,000 | 1,000,000 | 0 | 2,150,000 |
| 465 | ENG-026-17 | Sandwich Street - Roundabout and Archeological Study | 0 | 0 | 0 | 1,150,000 | 0 | 0 | 1,150,000 |
| 467 | ENG-028-17 | Banwell Road - Engineering - Roundabout at Mulberry | 0 | 0 | 0 | 200,000 | 0 | 0 | 200,000 |
| 501 | OPS-001-07 | Road Rehabilitation - Various Locations Program | 8,887,000 | 9,239,090 | 8,877,000 | 8,000,000 | 8,000,000 | 8,000,000 | 51,003,090 |
| 509 | OPS-001-11 | Minor Alley Maintenance Program | 100,000 | 200,000 | 100,000 | 100,000 | 1,100,000 | 250,000 | 1,850,000 |
| 511 | OPS-002-11 | Minor Road Deficiencies Rehabilitation Program | 140,000 | 400,000 | 250,000 | 250,000 | 250,000 | 750,000 | 2,040,000 |
| 513 | OPS-002-14 | Enhanced Capital Budget Road Rehabilitation Placeholder | 5,489,000 | 0 | 0 | 0 | 0 | 0 | 5,489,000 |
| 514 | OPS-003-07 | Bridge Rehabilitation Program | 2,500,000 | 3,200,000 | 3,399,000 | 3,034,000 | 4,000,000 | 5,000,000 | 21,133,000 |
| 587 | OPS-003-14 | University Avenue Environmental Assessment Placeholder | 5,000,000 | 0 | 0 | 0 | 0 | 0 | 5,000,000 |
| 516 | OPS-004-07 | Sidewalk Rehabilitation Program | 317,500 | 700,000 | 700,000 | 800,000 | 1,500,000 | 1,500,000 | 5,517,500 |
| 523 | OPS-005-07 | Railway Lands Fencing | 100,000 | 100,000 | 0 | 0 | 100,000 | 100,000 | 400,000 |
| 524 | OPS-006-07 | "At-Grade" Railway Crossings Capital Improvements | 275,000 | 825,000 | 85,000 | 200,000 | 125,000 | 125,000 | 1,635,000 |

City Of Windsor
Capital Project Listing By Major Category (Gross)
For Budget Year 2018

| | | | | | | | | | |
|--------------------|------------|---|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| 589 | OPS-006-17 | Victoria Reconstruction EA - Chatham to Park | 0 | 0 | 0 | 125,000 | 0 | 0 | 125,000 |
| 590 | OPS-007-16 | Cabana Rd. Pavement Markings | 0 | 0 | 110,000 | 0 | 0 | 0 | 110,000 |
| 526 | OPS-008-16 | Devon Dr. Reconstruction - South Service Rd. to Sydney Ave. | 0 | 0 | 1,500,000 | 0 | 0 | 0 | 1,500,000 |
| 527 | OPS-008-17 | Rossini Reconstruction - Tecumseh to Griffin | 0 | 0 | 0 | 300,000 | 0 | 0 | 300,000 |
| 528 | OPS-009-16 | North Service Rd. Reconstruction | 0 | 0 | 2,100,000 | 0 | 0 | 0 | 2,100,000 |
| 529 | OPS-009-17 | Reginald Street Reconstruction - Rossini to Francois | 0 | 0 | 0 | 280,000 | 0 | 0 | 280,000 |
| 530 | OPS-010-16 | Wyandotte St. Mill and Pave - Watson Ave. to Riverdale Ave. | 0 | 0 | 300,000 | 0 | 0 | 0 | 300,000 |
| 531 | OPS-010-17 | Tranby Reconstruction | 0 | 0 | 0 | 1,200,000 | 0 | 0 | 1,200,000 |
| 469 | OPS-012-17 | Streetlights on South National | 0 | 0 | 0 | 105,000 | 0 | 0 | 105,000 |
| 532 | OPS-013-17 | Reginald Street Reconstruction - Norman to Westminster | 0 | 0 | 0 | 390,000 | 0 | 0 | 390,000 |
| 533 | OPS-014-17 | Alice Street Mill and Pave - Norman to Polonia Park | 0 | 0 | 0 | 35,000 | 0 | 0 | 35,000 |
| 534 | OPS-015-17 | Coronation Street Mill and Pave - Jefferson to Cul-de-sac | 0 | 0 | 0 | 55,000 | 0 | 0 | 55,000 |
| 535 | OPS-016-17 | Devon Drive Reconstruction - Sydney to South Service | 0 | 0 | 0 | 800,000 | 0 | 0 | 800,000 |
| 536 | OPS-017-17 | Northwood Reconstruction - Northwood to Northway | 0 | 0 | 0 | 500,000 | 0 | 0 | 500,000 |
| 541 | OPS-026-17 | Lake Trail Drive Mill and Pave | 0 | 0 | 0 | 400,000 | 0 | 0 | 400,000 |
| 542 | OPS-028-18 | Concrete Road Panel Repair Program | 0 | 0 | 0 | 0 | 895,000 | 1,500,000 | 2,395,000 |
| 658 | PBG-001-14 | Alley Closing Subsidy Pilot Program | 790,000 | 0 | 0 | 0 | 0 | 0 | 790,000 |
| Roads Total | | | 29,793,140 | 25,525,415 | 35,325,474 | 36,984,742 | 31,515,060 | 34,884,560 | 194,028,391 |

City Of Windsor
Capital Project Listing By Major Category (Gross)
For Budget Year 2018

Sewers

| Page # | Project # | Project Name | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
|--------|------------|--|------------|------------|------------|------------|------------|------------|------------|
| 388 | ECB-001-18 | California/Pulford - Norfolk to Daytona | 0 | 0 | 0 | 0 | 0 | 1,200,000 | 1,200,000 |
| 393 | ECB-013-18 | Windermere St. - Engineering for Storm Sewer Reconstruction | 0 | 0 | 105,000 | 0 | 0 | 0 | 105,000 |
| 400 | ECB-040-18 | Reserve for Basement Flooding Mitigation - Sewer Master Plan | 500,000 | 0 | 0 | 0 | 0 | 0 | 500,000 |
| 413 | ECP-001-10 | Upper Little River Stormwater Management Plan and Implementation | 500,000 | 0 | 0 | 0 | 0 | 0 | 500,000 |
| 421 | ECP-004-08 | Municipal Drains Capital Improvement Program | 200,000 | 0 | 200,000 | 200,000 | 250,000 | 250,000 | 1,100,000 |
| 423 | ECP-004-09 | Stormwater and Sanitary Master Plan Development | 750,000 | 0 | 0 | 0 | 250,000 | 250,000 | 1,250,000 |
| 425 | ECP-005-08 | Grand Marais Drain Improvements (Concrete Channel) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 436 | ECP-017-07 | Local Improvements Program - Sanitary Sewer | 2,000,000 | 0 | 0 | 2,000,000 | 1,150,000 | 0 | 5,150,000 |
| 437 | ECP-022-07 | Prince Rd./Totten St. Storm Sewer Improvements - Engineering & Construction | 125,000 | 0 | 80,000 | 0 | 100,000 | 0 | 305,000 |
| 438 | ECP-023-07 | Parent Ave./McDougall Ave. Storm Sewer Engineering & Construction | 250,000 | 0 | 0 | 0 | 2,950,000 | 0 | 3,200,000 |
| 439 | ECP-028-07 | Grand Marais Drain Capital Improvements (Existing Naturalized Channel) | 470,000 | 2,100,000 | 0 | 732,000 | 500,000 | 1,200,000 | 5,002,000 |
| 440 | ECP-030-07 | Riverside Flood Abatement Initiatives - Capital Improvements to Existing Trunk Sewer | 0 | 250,000 | 250,000 | 0 | 0 | 0 | 500,000 |
| 441 | ECP-034-07 | Campbell Ave./University Ave. Storm Sewer Engineering & Construction | 125,000 | 0 | 3,670,000 | 0 | 0 | 0 | 3,795,000 |
| 442 | ECP-035-07 | City Wide Sewer Rehabilitation Program | 14,116,673 | 16,410,000 | 11,156,000 | 12,000,000 | 11,995,000 | 12,343,000 | 78,020,673 |
| 446 | ECP-036-07 | Ojibway Sanitary Sewer Rehabilitation | 0 | 0 | 0 | 0 | 0 | 3,000,000 | 3,000,000 |
| 408 | ECP-041-07 | New Infrastructure Development - Oversizing Infrastructure (Developer-related) | 22,500 | 755,000 | 0 | 272,500 | 800,000 | 300,000 | 2,150,000 |
| 450 | ENG-001-13 | Capital Improvements to Little River Steel Retaining Walls | 500,000 | 0 | 1,000,000 | 0 | 0 | 1,000,000 | 2,500,000 |
| 453 | ENG-002-16 | Capital Improvements to Little River Municipal Drain (Lauzon Rd. to VIA Tracks) | 0 | 0 | 100,000 | 0 | 0 | 0 | 100,000 |
| 455 | ENG-003-13 | Sixth Concession Municipal Drain - Land Acquisition & Capital Improvements | 150,000 | 200,000 | 500,000 | 200,000 | 535,000 | 485,000 | 2,070,000 |
| 500 | ENG-007-16 | Basement Flooding Abatement Measures | 2,700,000 | 640,000 | 1,100,000 | 2,250,000 | 2,300,000 | 2,300,000 | 11,290,000 |
| 470 | ENG-012-17 | ESR for Riverfront CSO Downstream of CMH Woods Pump Station/LRWRRP Wet Weather Flows | 300,000 | 0 | 0 | 0 | 0 | 0 | 300,000 |
| 472 | ENG-013-17 | Malden Landfill Gas Migration | 0 | 460,000 | 0 | 0 | 0 | 0 | 460,000 |
| 459 | ENG-015-17 | Sewer Rehabilitation - Mount Carmel - Cabana to Lennon Drain | 783,000 | 0 | 0 | 0 | 0 | 0 | 783,000 |
| 460 | ENG-016-17 | Campbell/University Area Storm Drainage - Environmental Assessment/Master Plan | 100,000 | 0 | 0 | 0 | 0 | 0 | 100,000 |
| 461 | ENG-017-17 | Pontiac Pumping Station - Capacity Study | 62,500 | 0 | 0 | 0 | 0 | 0 | 62,500 |

City Of Windsor
Capital Project Listing By Major Category (Gross)
For Budget Year 2018

| | | | | | | | | | |
|---------------------|------------|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| 462 | ENG-018-17 | St. Paul Pumping Station - Capacity Study | 62,500 | 0 | 0 | 0 | 0 | 0 | 62,500 |
| 473 | ENG-020-17 | LRWRP Dry Well Reliability Issues | 87,500 | 0 | 0 | 0 | 0 | 0 | 87,500 |
| 474 | ENG-021-17 | Maplewood Pumping Station - Odour Control System | 137,500 | 0 | 0 | 0 | 0 | 0 | 137,500 |
| 475 | ENG-022-17 | LRWRP Back Wash Tanks | 187,500 | 0 | 0 | 0 | 0 | 0 | 187,500 |
| 463 | ENG-023-17 | Connaught Street Reconstruction | 0 | 0 | 0 | 715,000 | 0 | 0 | 715,000 |
| 468 | ENG-031-17 | Norman Road - Engineering - Tecumseh to Adstoll | 0 | 0 | 0 | 100,000 | 0 | 0 | 100,000 |
| 476 | ENV-001-08 | Lou Romano Water Reclamation Plant Capital Improvements | 2,605,000 | 1,380,000 | 1,150,000 | 1,350,000 | 1,050,000 | 1,283,000 | 8,818,000 |
| 479 | ENV-002-08 | Little River Pollution Control Plant Capital Improvements | 1,545,000 | 2,555,000 | 725,000 | 2,375,000 | 2,095,000 | 1,095,000 | 10,390,000 |
| 482 | ENV-003-08 | Pumping Stations Capital Improvements | 800,000 | 3,450,000 | 775,000 | 1,850,000 | 730,000 | 1,405,000 | 9,010,000 |
| 325 | FIN-005-15 | Little River Pollution Control Plant Energy Efficiency Measures Implementation | 0 | 0 | 150,000 | 0 | 0 | 0 | 150,000 |
| 537 | OPS-019-17 | Storm & Waste - Data Acquisition | 282,500 | 0 | 0 | 0 | 0 | 0 | 282,500 |
| 538 | OPS-023-17 | South National Relining | 187,500 | 0 | 0 | 0 | 0 | 0 | 187,500 |
| 539 | OPS-024-17 | Rossini Street Relining | 35,000 | 0 | 0 | 0 | 0 | 0 | 35,000 |
| 540 | OPS-025-17 | Storm Extension to Railway at College and Crawford | 126,312 | 0 | 0 | 0 | 0 | 0 | 126,312 |
| 543 | OPS-029-18 | Curb Replacement Program | 0 | 0 | 0 | 0 | 600,000 | 0 | 600,000 |
| Sewers Total | | | 29,710,985 | 28,200,000 | 20,961,000 | 24,044,500 | 25,305,000 | 26,111,000 | 154,332,485 |

City Of Windsor
Capital Project Listing By Major Category (Gross)
For Budget Year 2018

Transportation Infrastructure

| Page # | Project # | Project Name | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
|--------|------------|---|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| 412 | ECP-001-07 | Citywide Streetlight Pole/Wiring Upgrades & Relocations | 700,000 | 520,000 | 240,000 | 500,000 | 200,000 | 362,000 | 2,522,000 |
| 101 | ECP-010-09 | Airport Various Asset Replacement/Refurbishment/Upgrades | 650,000 | 2,896,000 | 3,945,300 | 2,255,750 | 365,950 | 300,000 | 10,413,000 |
| 107 | ECP-046-07 | Airport Capital Improvements | 140,000 | 345,000 | 380,000 | 380,000 | 300,000 | 195,000 | 1,740,000 |
| 544 | FRS-001-07 | Fire & Rescue First Response Vehicle Replacement Program | 47,000 | 0 | 52,000 | 58,000 | 2,775,000 | 116,000 | 3,048,000 |
| 583 | OPS-001-10 | Traffic Signal LED Replacement Program | 0 | 350,000 | 450,000 | 200,000 | 200,000 | 200,000 | 1,400,000 |
| 584 | OPS-001-13 | Parking Equipment Replacement Program | 120,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 620,000 |
| 553 | OPS-001-17 | Fuel Site Equipment Replacement | 0 | 0 | 20,000 | 0 | 310,340 | 42,350 | 372,690 |
| 585 | OPS-001-18 | School Neighbourhood Policy | 0 | 0 | 0 | 0 | 150,000 | 150,000 | 300,000 |
| 586 | OPS-002-09 | Video Detection Infrastructure & Equipment Upgrade/Replacement Program | 0 | 500,000 | 400,000 | 400,000 | 120,000 | 120,000 | 1,540,000 |
| 510 | OPS-002-10 | Civic Gateway Corridor Enhancements | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 555 | OPS-002-16 | Corporate Fuel Site Automation Initiatives | 0 | 0 | 0 | 50,000 | 50,000 | 50,000 | 150,000 |
| 556 | OPS-002-17 | Fuel Site Improvements | 0 | 0 | 0 | 0 | 132,000 | 0 | 132,000 |
| 588 | OPS-003-16 | Accessibility - Audible Pedestrian Signals Implementation (AODA) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 558 | OPS-005-08 | Corporate Fleet Replacement Program | 1,574,000 | 2,806,000 | 2,195,000 | 1,197,000 | 2,028,000 | 1,955,000 | 11,755,000 |
| 591 | OPS-009-07 | Transportation Planning Environmental Study Reports (ESRs) | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 600,000 |
| 593 | OPS-010-07 | Advanced Traffic Management System (ATMS) - Capital Software/Hardware Upgrades | 600,000 | 600,000 | 600,000 | 600,000 | 600,000 | 234,000 | 3,234,000 |
| 595 | OPS-012-07 | Traffic Signals - Capital Upgrades and Replacements | 200,000 | 200,000 | 300,000 | 300,000 | 300,000 | 0 | 1,300,000 |
| 601 | OPS-014-07 | Citywide Bikeway Development Initiatives | 500,000 | 600,000 | 600,000 | 600,000 | 200,000 | 200,000 | 2,700,000 |
| 603 | OPS-018-07 | Parking Garage Capital Improvements | 300,000 | 600,000 | 600,000 | 1,100,000 | 600,000 | 600,000 | 3,800,000 |
| 604 | OPS-019-07 | New Parking Lot Development | 0 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 750,000 |
| 605 | OPS-020-07 | Parking Lot Rehabilitation Program | 0 | 50,000 | 150,000 | 150,000 | 150,000 | 150,000 | 650,000 |
| 606 | OPS-021-07 | Traffic Calming Initiatives | 0 | 169,000 | 106,000 | 0 | 0 | 0 | 275,000 |
| 571 | OPS-022-07 | Purchase of Additional Fleet Equipment | 310,000 | 0 | 0 | 0 | 240,000 | 150,000 | 700,000 |
| 582 | OPS-027-18 | Greening the Fleet | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 100,000 |
| 117 | POL-001-09 | Windsor Police Service Fleet Replacement/Refurbishment Program | 1,268,000 | 1,268,000 | 1,268,000 | 1,268,000 | 1,268,000 | 1,268,000 | 7,608,000 |
| 613 | TRN-001-07 | Transit Windsor Fleet Replacement Program | 0 | 215,108 | 2,085,500 | 3,010,500 | 4,800,000 | 4,800,000 | 14,911,108 |
| 615 | TRN-001-08 | Transit Windsor Smart Bus Technology/Intelligent Transportation System (ITS) Initiative | 0 | 500,000 | 0 | 0 | 0 | 0 | 500,000 |
| 617 | TRN-001-16 | Transit Windsor Fleet Refurbishment/Repair Costs | 500,000 | 500,000 | 500,000 | 500,000 | 300,000 | 300,000 | 2,600,000 |
| 618 | TRN-002-08 | Transit Windsor Fleet Structural Repairs | 0 | 0 | 0 | 302,500 | 200,000 | 200,000 | 702,500 |

City Of Windsor
Capital Project Listing By Major Category (Gross)
For Budget Year 2018

| | | | | | | | | | |
|--|------------|--|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| 619 | TRN-002-13 | Transit Windsor Fuel System Improvements Initiative | 0 | 55,000 | 0 | 0 | 0 | 0 | 55,000 |
| 607 | TRN-003-07 | Transit Windsor Customer Service Improvements - Shelters/Signage/Amenities | 0 | 0 | 0 | 0 | 20,000 | 20,000 | 40,000 |
| 632 | TRN-003-17 | Transit Windsor - West End Terminal | 0 | 548,000 | 0 | 0 | 0 | 0 | 548,000 |
| 609 | TRN-004-07 | Transit Windsor Master Plan Implementation | 0 | 0 | 0 | 50,000 | 50,000 | 50,000 | 150,000 |
| 98 | TRN-005-07 | Handi-Transit Bus Acquisitions | 0 | 480,000 | 240,000 | 0 | 120,000 | 120,000 | 960,000 |
| 611 | TRN-005-17 | Transit Windsor Service Delivery Review and Project Management | 0 | 175,000 | 50,000 | 0 | 0 | 0 | 225,000 |
| 612 | TRN-008-17 | Transit Windsor Fare Structure Review | 0 | 0 | 20,000 | 0 | 0 | 0 | 20,000 |
| 634 | TRN-009-17 | Restoration of Multiple Transit Windsor Pedestrian Shelters | 20,000 | 120,000 | 320,000 | 20,000 | 0 | 0 | 480,000 |
| 620 | TRN-010-17 | Acquisition of 40' Clean Diesel Buses | 4,000,000 | 2,247,392 | 0 | 0 | 0 | 0 | 6,247,392 |
| 621 | TRN-012-17 | Rehabilitation of Concrete Surfaces/Drains in Fuelling and Cleaning Area of the Maintenance Garage | 0 | 5,000 | 0 | 0 | 0 | 0 | 5,000 |
| 622 | TRN-013-17 | Rehabilitation of Concrete Surfaces throughout the Maintenance Garage | 0 | 50,000 | 0 | 0 | 0 | 0 | 50,000 |
| 623 | TRN-014-17 | Replacement of Three High-Speed Doors in the Maintenance Garage | 0 | 45,000 | 0 | 0 | 0 | 0 | 45,000 |
| 635 | TRN-015-17 | Expansion of Customer Service Parking to Support Increased Demand | 0 | 10,000 | 0 | 0 | 0 | 0 | 10,000 |
| 636 | TRN-016-17 | Renovations And Enhancements To Customer Service Area At The Main Transit Terminal | 0 | 20,000 | 0 | 0 | 0 | 0 | 20,000 |
| 624 | TRN-017-17 | Installation of an Exhaust Unit for Improved Ventilation at Main Transit Terminal | 0 | 0 | 375,000 | 0 | 0 | 0 | 375,000 |
| 625 | TRN-018-17 | Acquisition of a Commercial Grade Floor Sweeper for Maintenance Garage Floor | 0 | 0 | 42,500 | 0 | 0 | 0 | 42,500 |
| 626 | TRN-019-17 | Acquisition of a Commercial Grade Parts Washer for the Maintenance Garage | 0 | 37,500 | 0 | 0 | 0 | 0 | 37,500 |
| 633 | TRN-020-17 | Renovations and Enhancements to the Transportation Services Area | 0 | 0 | 100,000 | 0 | 0 | 0 | 100,000 |
| 627 | TRN-021-17 | Acquisition of Fleet Inspection Equipment to Support the Bus Rehabilitation Program | 0 | 0 | 387,500 | 0 | 0 | 0 | 387,500 |
| Transportation Infrastructure Total | | | 11,029,000 | 16,262,000 | 15,776,800 | 13,291,750 | 15,879,290 | 11,982,350 | 84,221,190 |
| Grand Total | | | 94,619,512 | 110,512,379 | 108,125,274 | 110,147,407 | 110,677,429 | 104,464,662 | 638,546,663 |

2018 Approved Capital Budget



Section D:

6-Year Summary of Capital Budget by Funding Source

City of Windsor

Summary of Capital Budget by Funding Source

For Budget Year: 2018

| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total | |
|--|---|----------------|------------------|------------------|------------------|----------------|----------------|-------------------|
| Service Area: Agencies, Boards & Committees (ABC) | | | | | | | | |
| Department: Agencies | | | | | | | | |
| Division: External Agencies | | | | | | | | |
| TRN-005-07 Handi-Transit Bus Acquisitions | 169 - Pay As You Go - Capital Reserve | 0 | 480,000 | 240,000 | 0 | 120,000 | 120,000 | 960,000 |
| Total for Division: External Agencies | | 0 | 480,000 | 240,000 | 0 | 120,000 | 120,000 | 960,000 |
| Department: Roseland Golf & Country Club | | | | | | | | |
| Division: Roseland Operations | | | | | | | | |
| RGC-001-18 Roseland/Little River Golf Courses Asset Replacement/Improvements | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 100,000 | 0 | 100,000 |
| Total for Division: Roseland Operations | | 0 | 0 | 0 | 0 | 100,000 | 0 | 100,000 |
| Department: Windsor Airport | | | | | | | | |
| Division: Windsor-Airport | | | | | | | | |
| ECP-010-09 Airport Various Asset Replacement/Refurbishment/Upgrades | 028 - Sewer Surcharge | 159,000 | 0 | 0 | 0 | 0 | 0 | 159,000 |
| ECP-010-09 Airport Various Asset Replacement/Refurbishment/Upgrades | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 489,000 | 2,087,000 | 365,950 | 300,000 | 3,241,950 |
| ECP-010-09 Airport Various Asset Replacement/Refurbishment/Upgrades | 6320 - Canada Specific Grants | 450,000 | 0 | 393,300 | 168,750 | 0 | 0 | 1,012,050 |
| ECP-010-09 Airport Various Asset Replacement/Refurbishment/Upgrades | 6990 - Other General Revenue | 41,000 | 2,896,000 | 3,063,000 | 0 | 0 | 0 | 6,000,000 |
| ECP-046-07 Airport Capital Improvements | 028 - Sewer Surcharge | 100,000 | 0 | 0 | 220,000 | 150,000 | 95,000 | 565,000 |
| ECP-046-07 Airport Capital Improvements | 160 - Capital Expenditure Reserve | 0 | 255,000 | 380,000 | 0 | 125,000 | 100,000 | 860,000 |
| ECP-046-07 Airport Capital Improvements | 169 - Pay As You Go - Capital Reserve | 40,000 | 90,000 | 0 | 160,000 | 25,000 | 0 | 315,000 |
| Total for Division: Windsor-Airport | | 790,000 | 3,241,000 | 4,325,300 | 2,635,750 | 665,950 | 495,000 | 12,153,000 |
| Department: Windsor Police Services | | | | | | | | |
| Division: Administration - Police | | | | | | | | |
| ITC-002-16 Corporate Radio Infrastructure Upgrades | 198- Pay As You Go Corporate Radios Reserve | 0 | 0 | 0 | 3,100,000 | 3,100,000 | 0 | 6,200,000 |
| POL-001-09 Windsor Police Service Fleet Replacement/Refurbishment Program | 183 - Police Fleet | 1,268,000 | 1,268,000 | 1,268,000 | 1,268,000 | 1,268,000 | 1,268,000 | 7,608,000 |

City of Windsor

Summary of Capital Budget by Funding Source

For Budget Year: 2018

| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
|---|---------------------------------------|---------|---------|---------|---------|-----------|-----------|
| POL-001-11 Windsor Police Service Collision Reporting Centre - Expansion and Upgrades | 195 - Police Equipment Reserve | 430,000 | 370,000 | 0 | 0 | 0 | 800,000 |
| POL-001-11 Windsor Police Service Collision Reporting Centre - Expansion and Upgrades | 7052 - TRANSFER From Capital Projects | 0 | 0 | 0 | 0 | 0 | 0 |
| POL-001-11 Windsor Police Service Collision Reporting Centre - Expansion and Upgrades | 160 - Capital Expenditure Reserve | 200,000 | 0 | 0 | 0 | 500,000 | 700,000 |
| POL-001-11 Windsor Police Service Collision Reporting Centre - Expansion and Upgrades | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 |
| POL-001-16 Windsor Police Service E911 Voice Logger System Upgrades/Replacement | 195 - Police Equipment Reserve | 0 | 0 | 150,000 | 0 | 0 | 150,000 |
| POL-001-17 Windsor Police Service - In-camera Item #1 | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 75,000 | 0 | 75,000 |
| POL-002-15 Windsor Police Service Next Generation 911 Infrastructure Upgrades | 195 - Police Equipment Reserve | 0 | 200,000 | 50,000 | 65,000 | 0 | 315,000 |
| POL-002-16 Windsor Police Service Backup E911 Centre Upgrades | 195 - Police Equipment Reserve | 0 | 0 | 100,000 | 0 | 0 | 100,000 |
| POL-002-17 Windsor Police Service - In-camera Item #2 | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 75,000 | 0 | 75,000 |
| POL-003-14 Windsor Police Service - In-camera Item #3 | 195 - Police Equipment Reserve | 0 | 0 | 100,000 | 0 | 0 | 100,000 |
| POL-003-16 Windsor Police Service Microsoft Office Software Upgrades | 195 - Police Equipment Reserve | 100,000 | 0 | 0 | 0 | 0 | 100,000 |
| POL-003-17 Windsor Police Service - In-camera Item #4 | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 100,000 | 0 | 100,000 |
| POL-004-15 Windsor Police Service - In-camera Item #5 | 195 - Police Equipment Reserve | 0 | 200,000 | 0 | 0 | 0 | 200,000 |
| POL-004-16 Windsor Police Service - In-camera Item #6 | 195 - Police Equipment Reserve | 0 | 50,000 | 50,000 | 50,000 | 100,000 | 350,000 |
| POL-004-17 Windsor Police Service - In-camera Item #7 | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 75,000 | 0 | 75,000 |
| POL-005-15 WPS Use of Force Simulator | 195 - Police Equipment Reserve | 0 | 0 | 0 | 0 | 0 | 0 |
| POL-005-17 Windsor Police Service - In-camera Item #8 | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 85,000 | 0 | 85,000 |
| POL-006-13 Windsor Police Service Network Infrastructure Upgrades | 169 - Pay As You Go - Capital Reserve | 0 | 150,000 | 0 | 0 | 0 | 150,000 |
| POL-006-17 Windsor Police Service Operations Centre (WPSOC) | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 250,000 | 1,250,000 | 1,500,000 |

City of Windsor

Summary of Capital Budget by Funding Source

For Budget Year: 2018

| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total | |
|---|---------------------------------------|---------|---------|---------|-----------|---------|---------|------------------|
| POL-007-13 Windsor Police Service Business Intelligence Technology and Processes Improvements | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 500,000 | 0 | 0 | 500,000 |
| POL-007-14 Windsor Police Service - In-camera Item #9 | 195 - Police Equipment Reserve | 0 | 0 | 125,000 | 0 | 125,000 | 125,000 | 375,000 |
| POL-007-14 Windsor Police Service - In-camera Item #9 | 160 - Capital Expenditure Reserve | 220,000 | 0 | 0 | 125,000 | 0 | 0 | 345,000 |
| POL-007-14 Windsor Police Service - In-camera Item #9 | 169 - Pay As You Go - Capital Reserve | 0 | 155,000 | 0 | 0 | 0 | 0 | 155,000 |
| POL-007-16 Windsor Police Service - In-camera Item #10 | 195 - Police Equipment Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| POL-007-17 Windsor Police Service Patrol Line-up Room Modernization | 195 - Police Equipment Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| POL-008-16 Windsor Police Service - In-camera Item #11 | 195 - Police Equipment Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| POL-008-17 Windsor Police Service CRISIS Negotiator Unit (life-cycle replacement) | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 60,000 | 0 | 0 | 60,000 |
| POL-009-14 WPS HQ Building Workspace Reconfigurations | 195 - Police Equipment Reserve | 250,000 | 0 | 0 | 0 | 0 | 0 | 250,000 |
| POL-009-16 Windsor Police Service Internet Child Anti-Exploitation Initiatives | 195 - Police Equipment Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| POL-009-17 Windsor Police Service Disaster Recovery (DR) Backup/Replication Site Implementation | 195 - Police Equipment Reserve | 150,000 | 100,000 | 0 | 0 | 0 | 0 | 250,000 |
| POL-010-14 Windsor Police Service - In-camera Item #12 | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 1,000,000 | 0 | 0 | 1,000,000 |
| POL-010-16 Windsor Police Service Mobile Technology Initiatives | 195 - Police Equipment Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| POL-010-17 Windsor Police Service - In-camera Item #13 | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 75,000 | 0 | 0 | 75,000 |
| POL-011-16 Windsor Police Service Mobile Occurrence/Scene Documentation Application | 195 - Police Equipment Reserve | 0 | 0 | 150,000 | 0 | 0 | 0 | 150,000 |
| POL-011-17 Windsor Police Service - In-camera Item #14 | 195 - Police Equipment Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| POL-011-18 Windsor Police Service - 2018 In-Camera Item 11 | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| POL-012-16 Windsor Police Service Indoor Training Range Upgrades | 195 - Police Equipment Reserve | 145,000 | 0 | 0 | 0 | 0 | 0 | 145,000 |
| POL-012-16 Windsor Police Service Indoor Training Range Upgrades | 7052 - TRANSFER From Capital Projects | 155,000 | 0 | 0 | 0 | 0 | 0 | 155,000 |

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| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total | |
|---|---------------------------------------|---------|------|---------|---------|---------|---------|---------|
| POL-012-16 Windsor Police Service Indoor Training Range Upgrades | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | |
| POL-012-17 Windsor Police Service Physical Readiness & Preparedness Centre | 195 - Police Equipment Reserve | 0 | 0 | 0 | 0 | 0 | 0 | |
| POL-013-14 Windsor Police Service - In-camera Item #15 | 195 - Police Equipment Reserve | 200,000 | 0 | 0 | 0 | 0 | 200,000 | |
| POL-013-16 Windsor Police Service Outdoor Training Range Upgrades | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | |
| POL-013-17 Windsor Police Service - In-camera Item #16 | 195 - Police Equipment Reserve | 0 | 0 | 0 | 0 | 0 | 0 | |
| POL-014-17 Windsor Police Service Mobile Device Encryption-Laptops | 195 - Police Equipment Reserve | 100,000 | 0 | 0 | 0 | 0 | 100,000 | |
| POL-014-18 Windsor Police Service Data and Technology Security | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 100,000 | 100,000 | |
| POL-015-17 Windsor Police Service - In-camera Item #17 | 195 - Police Equipment Reserve | 0 | 0 | 160,000 | 0 | 0 | 160,000 | |
| POL-015-18 Windsor Police Service Technology Infrastructure Enhancements | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 100,000 | 100,000 | |
| POL-016-17 Windsor Police Service Patrol Smartphone Mobile Data Phase 2 | 195 - Police Equipment Reserve | 0 | 0 | 0 | 0 | 0 | 0 | |
| POL-016-18 Windsor Police Service Smartphone Device Refresh | 195 - Police Equipment Reserve | 0 | 0 | 0 | 0 | 140,000 | 140,000 | |
| POL-017-18 Windsor Police Service Motorola WAVE Digital Radio Smartphone App Implementation | 195 - Police Equipment Reserve | 0 | 0 | 0 | 0 | 0 | 0 | |
| POL-018-18 Windsor Police Service Stores Reconfiguration/Automation | 195 - Police Equipment Reserve | 0 | 0 | 0 | 0 | 90,000 | 60,000 | 150,000 |
| POL-019-18 Windsor Police Service New HQ Key Control Management System | 195 - Police Equipment Reserve | 0 | 0 | 0 | 0 | 40,000 | 90,000 | 130,000 |
| POL-021-18 Windsor Police Service Asset Management Life-Cycle Replacements | 195 - Police Equipment Reserve | 0 | 0 | 0 | 0 | 0 | 0 | |
| Division: Investigations | | | | | | | | |
| POL-002-18 Windsor Police Service - 2018 In-Camera Item 2 | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | |
| POL-003-18 Windsor Police Service - 2018 In-Camera Item 3 | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | |
| POL-004-18 Windsor Police Service - 2018 In-Camera Item 4 | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 100,000 | 100,000 | |
| POL-010-18 Windsor Police Service Property Room Audit & Reorganization | 195 - Police Equipment Reserve | 0 | 0 | 0 | 150,000 | 0 | 0 | 150,000 |

City of Windsor
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| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
|--|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Division: Patrol | | | | | | | |
| POL-001-18 Windsor Police Service - 2018 In-Camera Item 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| POL-006-18 Windsor Police Service - 2018 In-Camera Item 6 | 0 | 0 | 0 | 0 | 50,000 | 0 | 50,000 |
| POL-008-18 Windsor Police Service - 2018 In-Camera Item 8 | 0 | 0 | 0 | 60,000 | 0 | 0 | 60,000 |
| POL-009-18 Windsor Police Service - 2018 In-Camera Item 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| POL-020-18 Windsor Police Service E911 Workstations | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total for Division: Administration - Police | 3,218,000 | 2,493,000 | 2,153,000 | 7,113,000 | 6,863,000 | 1,743,000 | 23,583,000 |
| Total for Service Area: Agencies, Boards & Committees (ABC) | 4,008,000 | 6,214,000 | 6,718,300 | 9,748,750 | 7,748,950 | 2,358,000 | 36,796,000 |

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| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
|--|---------------------------------------|----------|----------|------------------|----------------|----------------|------------------|
| Service Area: City Council & Mayor's Office (MAY) | | | | | | | |
| Department: Mayor's Office | | | | | | | |
| Division: Administration - Mayor's Office | | | | | | | |
| MAY-001-17 Districting - Themes and Identity | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 250,000 | 0 | 250,000 |
| MAY-002-16 Environmentally Significant Lands Acquisition Placeholder | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 1,500,000 | 0 | 0 | 1,500,000 |
| MAY-002-17 2022 Can-Am Police-Fire Games Bid | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 580,000 | 0 | 580,000 |
| Total for Division: Administration - Mayor's Office | | 0 | 0 | 1,500,000 | 250,000 | 580,000 | 2,330,000 |
| Total for Service Area: City Council & Mayor's Office (MAY) | | 0 | 0 | 1,500,000 | 250,000 | 580,000 | 2,330,000 |

City of Windsor
Summary of Capital Budget by Funding Source

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| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
|---|------------------|------------------|----------|----------------|------------------|------------------|-------------------|
| Service Area: Community Dev. & Health Commissioner (CDH) | | | | | | | |
| Department: Housing & Children Services | | | | | | | |
| Division: Housing Services | | | | | | | |
| HCS-001-07 Social Housing Reserve Fund 169 - Pay As You Go - Capital Reserve | 0 | 1,303,898 | 0 | 0 | 3,259,744 | 3,259,744 | 7,823,386 |
| HCS-001-07 Social Housing Reserve Fund 6340 - Net County Cost | 0 | 696,102 | 0 | 0 | 1,740,256 | 1,740,256 | 4,176,614 |
| HCS-001-14 Windsor Essex Community Housing Corporation Capital Improvements 169 - Pay As You Go - Capital Reserve | 1,500,000 | 0 | 0 | 203,500 | 2,796,500 | 0 | 4,500,000 |
| HCS-001-14 Windsor Essex Community Housing Corporation Capital Improvements 6340 - Net County Cost | 752,800 | 0 | 0 | 102,130 | 1,401,599 | 0 | 2,256,529 |
| Total for Division: Housing Services | 2,252,800 | 2,000,000 | 0 | 305,630 | 9,198,099 | 5,000,000 | 18,756,529 |
| Department: Huron Lodge | | | | | | | |
| Division: Nursing & Personal Care | | | | | | | |
| HLD-001-11 Huron Lodge Wireless Technology Implementation 169 - Pay As You Go - Capital Reserve | 0 | 78,000 | 0 | 0 | 0 | 0 | 78,000 |
| HLD-001-12 Huron Lodge Nursing Equipment Replacement Program 169 - Pay As You Go - Capital Reserve | 0 | 150,000 | 150,000 | 150,000 | 450,000 | 50,000 | 950,000 |
| HLD-001-15 Huron Lodge Ceiling Mounted Resident Lift Replacement Program 169 - Pay As You Go - Capital Reserve | 0 | 115,000 | 200,000 | 200,000 | 100,000 | 100,000 | 715,000 |
| HLD-002-15 Huron Lodge Resident Monitoring & Nurse Bedside Call System 169 - Pay As You Go - Capital Reserve | 100,000 | 25,000 | 0 | 20,000 | 0 | 100,000 | 245,000 |
| Division: Nutrition & Dietary Services | | | | | | | |
| HLD-001-17 Huron Lodge Dietary Servery Updates and Equipment Replacement 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 35,000 | 35,000 | 35,000 | 105,000 |
| HLD-003-15 Huron Lodge Dish Machines and Industrial Kitchen Equipment Replacement 169 - Pay As You Go - Capital Reserve | 80,000 | 95,000 | 0 | 110,000 | 0 | 40,000 | 325,000 |
| HLD-004-15 Huron Lodge Refrigeration and Freezer Equipment Replacement 169 - Pay As You Go - Capital Reserve | 80,000 | 0 | 0 | 0 | 175,000 | 0 | 255,000 |
| HLD-006-15 Huron Lodge Dietary Management System Upgrades 169 - Pay As You Go - Capital Reserve | 0 | 65,000 | 0 | 0 | 75,000 | 105,000 | 245,000 |
| Division: Program Services | | | | | | | |
| HLD-001-13 Huron Lodge Beds/Mattresses/Furniture Replacement Program 169 - Pay As You Go - Capital Reserve | 0 | 250,000 | 100,000 | 100,000 | 100,000 | 100,000 | 650,000 |

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For Budget Year: 2018

| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
|---|------------------|------------------|----------------|------------------|-------------------|------------------|-------------------|
| HLD-002-12 Huron Lodge Cooking and Food Preparation Equipment Replacement Program | 40,000 | 0 | 0 | 0 | 0 | 0 | 40,000 |
| HLD-002-12 Huron Lodge Cooking and Food Preparation Equipment Replacement Program | 0 | 40,000 | 0 | 40,000 | 40,000 | 40,000 | 160,000 |
| Division: Resident Services | | | | | | | |
| HLD-002-17 Huron Lodge Resident Services Equipment Replacement | 0 | 0 | 0 | 124,500 | 50,000 | 0 | 174,500 |
| Total for Division: Nursing & Personal Care | 300,000 | 818,000 | 450,000 | 779,500 | 1,025,000 | 570,000 | 3,942,500 |
| Total for Service Area: Community Dev. & Health Commissioner (CDH) | 2,552,800 | 2,818,000 | 450,000 | 1,085,130 | 10,223,099 | 5,570,000 | 22,699,029 |

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| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total | |
|--|---------------------------------------|---------|---------|-----------|---------|---------|---------|------------------|
| Service Area: Office of Parks, Rec., Culture & Facilities (OPRCF) | | | | | | | | |
| Department: Parks & Facilities | | | | | | | | |
| Division: Facility Operations | | | | | | | | |
| ECB-010-18 Capitol Theatre Improvements | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 60,000 | 0 | 0 | 0 | 60,000 |
| ENG-004-16 Corporate Facilities Access Protocols | 169 - Pay As You Go - Capital Reserve | 75,000 | 150,000 | 50,000 | 0 | 0 | 0 | 275,000 |
| ENG-006-16 Coventry Gardens Peace Fountain Capital Repairs | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 100,000 | 0 | 100,000 |
| ENG-006-17 Windsor International Aquatic Training Centre – Ongoing Capital Maintenance | 209-WIATC Capital Maintenance Rve | 75,000 | 0 | 0 | 0 | 0 | 0 | 75,000 |
| ENG-006-17 Windsor International Aquatic Training Centre – Ongoing Capital Maintenance | 169 - Pay As You Go - Capital Reserve | 0 | 200,000 | 0 | 0 | 150,000 | 150,000 | 500,000 |
| ENG-007-17 Facility Maintenance Equipment Program | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 100,000 |
| ENG-008-16 400 City Hall Square Workplace Reconfiguration | 169 - Pay As You Go - Capital Reserve | 0 | 38,000 | 162,000 | 0 | 0 | 0 | 200,000 |
| ENG-008-17 Generator & Fuel Storage Upgrades | 169 - Pay As You Go - Capital Reserve | 175,000 | 45,000 | 0 | 0 | 0 | 0 | 220,000 |
| ENG-009-17 Festival Plaza - Facility Requirements | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 50,000 | 0 | 50,000 |
| ENG-010-17 Capitol Theatre Capital Improvements | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 500,000 | 0 | 200,000 | 0 | 700,000 |
| ENG-033-17 Feasibility Study - WFCU Arena | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 90,000 | 0 | 0 | 90,000 |
| ENG-041-17 Enwin Substations Acquisition (Avon/Mark Parks) | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 150,000 | 0 | 0 | 150,000 |
| HCP-001-10 Corporate Facilities Water Backflow Prevention Program | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 300,000 | 0 | 100,000 | 0 | 400,000 |
| HCP-002-07 Corporate Facilities Roof Replacement Program | 169 - Pay As You Go - Capital Reserve | 471,100 | 415,400 | 1,330,500 | 410,000 | 400,000 | 400,000 | 3,427,000 |
| HCP-002-09 Fire Hall Capital Refurbishment Program | 169 - Pay As You Go - Capital Reserve | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 900,000 |
| HCP-005-08 Corporate Facilities Paving Program | 169 - Pay As You Go - Capital Reserve | 150,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 650,000 |
| HCP-010-07 Willistead Complex Capital Improvements | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 150,000 | 50,000 | 200,000 |
| OPS-007-07 Operations Facilities Improvements | 7052 - TRANSFER From Capital Projects | 102,360 | 0 | 0 | 0 | 0 | 0 | 102,360 |

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Summary of Capital Budget by Funding Source

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| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total | |
|---|---------------------------------------|-----------|---------|---------|---------|---------|---------|------------------|
| OPS-007-07 Operations Facilities Improvements | 169 - Pay As You Go - Capital Reserve | 271,000 | 490,720 | 25,000 | 25,000 | 25,000 | 25,000 | 861,720 |
| OPS-011-07 Traffic Operations Facilities Upgrades | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PFO-001-12 Corporate Properties Security Systems and Infrastructure | 169 - Pay As You Go - Capital Reserve | 50,000 | 50,000 | 50,000 | 75,000 | 75,000 | 75,000 | 375,000 |
| PFO-001-15 Huron Lodge Miscellaneous Equipment Replacement | 169 - Pay As You Go - Capital Reserve | 0 | 60,000 | 175,000 | 0 | 175,000 | 0 | 410,000 |
| PFO-002-12 Facility Structural & Building Envelope Maintenance Program | 169 - Pay As You Go - Capital Reserve | 50,000 | 100,000 | 50,000 | 50,000 | 50,000 | 50,000 | 350,000 |
| PFO-002-14 Huron Lodge Facility Improvements | 160 - Capital Expenditure Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PFO-002-18 Facility & Parks Building Demolitions | 169 - Pay As You Go - Capital Reserve | 55,000 | 0 | 0 | 0 | 100,000 | 100,000 | 255,000 |
| PFO-003-11 Corporate Designated Substance Remediation Program | 160 - Capital Expenditure Reserve | 0 | 100,000 | 0 | 0 | 0 | 0 | 100,000 |
| PFO-003-13 Art Gallery of Windsor Capital Improvements | 176 - Federal Gas Tax Rebate | 1,247,160 | 0 | 0 | 0 | 0 | 0 | 1,247,160 |
| PFO-003-13 Art Gallery of Windsor Capital Improvements | 169 - Pay As You Go - Capital Reserve | 72,840 | 125,000 | 125,000 | 125,000 | 125,000 | 125,000 | 697,840 |
| PFO-003-14 Corporate Facilities Boiler Replacement Program | 169 - Pay As You Go - Capital Reserve | 0 | 89,500 | 0 | 0 | 0 | 0 | 89,500 |
| PFO-004-12 Corporate Facilities Building Condition Assessments | 169 - Pay As You Go - Capital Reserve | 0 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 250,000 |
| PFO-004-14 Facilities Operations Business Process Improvements | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 50,000 | 0 | 0 | 0 | 50,000 |
| PFO-009-11 Corporate Heating & Cooling Replacement/Repair Program | 160 - Capital Expenditure Reserve | 100,000 | 82,000 | 271,000 | 0 | 0 | 0 | 453,000 |
| PFO-009-11 Corporate Heating & Cooling Replacement/Repair Program | 169 - Pay As You Go - Capital Reserve | 350,000 | 418,000 | 229,000 | 100,000 | 150,000 | 100,000 | 1,347,000 |
| PFO-010-11 Corporate Facilities Flooring and Finishes Replacement Program | 169 - Pay As You Go - Capital Reserve | 100,000 | 260,000 | 100,000 | 100,000 | 100,000 | 100,000 | 760,000 |
| PFO-014-07 Corporate Facilities Health & Safety Compliance Upgrades | 160 - Capital Expenditure Reserve | 150,000 | 100,000 | 100,000 | 100,000 | 150,000 | 150,000 | 750,000 |
| REC-004-08 The WFCU Centre Capital Improvements | 160 - Capital Expenditure Reserve | 0 | 200,000 | 30,000 | 49,000 | 0 | 200,000 | 479,000 |
| REC-004-08 The WFCU Centre Capital Improvements | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 231,000 | 0 | 0 | 231,000 |
| REC-005-07 Corporate Arena Refurbishments | 169 - Pay As You Go - Capital Reserve | 635,000 | 250,000 | 280,000 | 250,000 | 375,000 | 200,000 | 1,990,000 |
| REC-006-07 Mackenzie Hall Repair and Maintenance | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 100,000 |

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|--|--|-----------|-----------|-----------|-----------|-----------|-----------|------------------|
| Division: Forestry | | | | | | | | |
| PFO-007-11 Tree Maintenance Backlog | 160 - Capital Expenditure Reserve | 115,000 | 0 | 53,000 | 500,000 | 0 | 500,000 | 1,168,000 |
| PFO-007-11 Tree Maintenance Backlog | 169 - Pay As You Go - Capital Reserve | 595,000 | 500,000 | 447,000 | 0 | 500,000 | 0 | 2,042,000 |
| Division: Horticulture | | | | | | | | |
| PFO-001-16 New Greenhouse Complex Construction and Refurbishments | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 150,000 | 0 | 0 | 0 | 150,000 |
| Division: Parks Development | | | | | | | | |
| ECB-002-18 Walking Path - Daytona to California | 169 - Pay As You Go - Capital Reserve | 0 | 75,000 | 0 | 0 | 0 | 0 | 75,000 |
| ECB-004-18 Wigle Park - Phase 2 Funding | 169 - Pay As You Go - Capital Reserve | 0 | 150,000 | 0 | 0 | 0 | 175,000 | 325,000 |
| ECB-011-18 Stodgell Park Redevelopment | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 460,000 | 460,000 |
| ECB-023-18 Realtor Park - Path | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 475,000 | 0 | 0 | 0 | 475,000 |
| ECB-028-18 Improvements to Peche Island and Boat Access | 160 - Capital Expenditure Reserve | 0 | 0 | 500,000 | 0 | 0 | 0 | 500,000 |
| ECB-028-18 Improvements to Peche Island and Boat Access | 169 - Pay As You Go - Capital Reserve | 0 | 500,000 | 0 | 0 | 0 | 0 | 500,000 |
| ENG-002-14 Festival Plaza Retaining Wall - Design & Construction | 169 - Pay As You Go - Capital Reserve | 0 | 675,000 | 675,000 | 0 | 0 | 0 | 1,350,000 |
| PFO-001-14 Central Riverfront Park Improvements | 169 - Pay As You Go - Capital Reserve | 0 | 3,000,000 | 500,000 | 2,450,000 | 1,000,000 | 1,000,000 | 7,950,000 |
| PFO-001-17 Adult Exercise Equipment | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 50,000 | 0 | 0 | 50,000 |
| PFO-002-15 Playgrounds Replacement Program | 160 - Capital Expenditure Reserve | 0 | 69,000 | 0 | 0 | 0 | 0 | 69,000 |
| PFO-002-15 Playgrounds Replacement Program | 169 - Pay As You Go - Capital Reserve | 2,654,172 | 281,000 | 0 | 1,500,000 | 1,000,000 | 1,000,000 | 6,435,172 |
| PFO-002-16 Realtor Park Splash Pad/Washroom Placeholder | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 500,000 | 0 | 0 | 0 | 500,000 |
| PFO-003-15 Central Riverfront Implementation Plan (C.R.I.P.) Placeholder | 169 - Pay As You Go - Capital Reserve | 1,990,000 | 310,000 | 0 | 0 | 0 | 0 | 2,300,000 |
| PFO-003-18 Fred Thomas Splash Pad (Glengarry) | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 300,000 | 0 | 0 | 0 | 300,000 |
| PFO-004-17 Forest Glade Basketball Court Renovation | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 200,000 | 0 | 0 | 200,000 |
| PFO-004-18 Riverfront Trail - Pedestrian Tunnel | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 1,691,000 | 750,000 | 0 | 0 | 2,441,000 |
| PFO-005-12 Regional Parks Initiatives | 151 - Land Acquisitions - O/T Highways | 0 | 0 | 0 | 750,000 | 0 | 0 | 750,000 |
| PFO-005-12 Regional Parks Initiatives | 160 - Capital Expenditure Reserve | 0 | 150,000 | 0 | 0 | 0 | 0 | 150,000 |

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| PFO-005-12 Regional Parks Initiatives | 169 - Pay As You Go - Capital Reserve | 500,000 | 0 | 0 | 200,000 | 0 | 0 | 700,000 |
| PFO-005-17 Reaume Park Lights for Afghanistan Memorial | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 5,000 | 0 | 0 | 5,000 |
| PFO-005-18 Shorewall Capital Improvements | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 231,500 | 418,500 | 0 | 650,000 |
| PFO-006-12 Community Parks Initiatives | 151 - Land Acquisitions - O/T Highways | 0 | 0 | 500,000 | 250,000 | 250,000 | 0 | 1,000,000 |
| PFO-006-12 Community Parks Initiatives | 169 - Pay As You Go - Capital Reserve | 0 | 500,000 | 0 | 0 | 0 | 0 | 500,000 |
| PFO-006-17 Realtor Park - Tennis Court Enhancements | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 75,000 | 0 | 0 | 75,000 |
| PFO-007-12 Neighbourhood Parks Initiatives | 151 - Land Acquisitions - O/T Highways | 0 | 0 | 500,000 | 250,000 | 0 | 0 | 750,000 |
| PFO-007-12 Neighbourhood Parks Initiatives | 169 - Pay As You Go - Capital Reserve | 0 | 500,000 | 10,000 | 0 | 0 | 0 | 510,000 |
| PFO-007-17 Washroom at Alexander Park | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 250,000 | 0 | 0 | 250,000 |
| PFO-008-12 New Park Design/Development/Construction | 151 - Land Acquisitions - O/T Highways | 0 | 0 | 0 | 300,000 | 0 | 0 | 300,000 |
| PFO-008-17 Beach Volleyball Courts - Riverfront Park | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 100,000 | 0 | 0 | 100,000 |
| PFO-009-12 Park Bridges/Shelters/Buildings/Capital Improvements | 160 - Capital Expenditure Reserve | 0 | 0 | 0 | 0 | 168,000 | 100,000 | 268,000 |
| PFO-009-12 Park Bridges/Shelters/Buildings/Capital Improvements | 169 - Pay As You Go - Capital Reserve | 0 | 100,000 | 100,000 | 100,000 | 0 | 0 | 300,000 |
| PFO-010-17 Dog Park - Malden Road | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 75,000 | 0 | 0 | 75,000 |
| PFO-011-12 Beautification of Civic Gateways and Other Open Spaces | 160 - Capital Expenditure Reserve | 0 | 0 | 0 | 0 | 297,000 | 0 | 297,000 |
| PFO-011-12 Beautification of Civic Gateways and Other Open Spaces | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 203,000 | 1,500,000 | 1,703,000 |
| PFO-012-12 Park Trails Capital Improvements | 169 - Pay As You Go - Capital Reserve | 0 | 200,000 | 200,000 | 200,000 | 600,000 | 0 | 1,200,000 |
| PFO-012-17 Central Park Tennis Court (Repave, New Nets, Paint) | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 100,000 | 0 | 0 | 100,000 |
| PFO-013-12 Park-related Parking Lots Capital Upgrades | 169 - Pay As You Go - Capital Reserve | 0 | 1,000,000 | 500,000 | 200,000 | 200,000 | 200,000 | 2,100,000 |
| PFO-014-12 Park Community Partnership Initiatives | 169 - Pay As You Go - Capital Reserve | 0 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 125,000 |
| PFO-015-12 Parks Master Plan | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 100,000 |
| PFO-016-12 Parkland Acquisitions | 151 - Land Acquisitions - O/T Highways | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PFO-016-12 Parkland Acquisitions | 160 - Capital Expenditure Reserve | 13,000 | 0 | 0 | 0 | 0 | 0 | 13,000 |

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|--|---------------------------------------|-------------------|-------------------|-------------------|-------------------|------------------|------------------|-------------------|
| PFO-017-12 Playground Equipment Removal | 169 - Pay As You Go - Capital Reserve | 0 | 100,000 | 0 | 100,000 | 100,000 | 100,000 | 400,000 |
| Division: Parks Operations | | | | | | | | |
| ECB-018-18 Rubber Base for Gary Dugal Playground | 169 - Pay As You Go - Capital Reserve | 124,000 | 0 | 0 | 0 | 0 | 0 | 124,000 |
| ECB-022-18 Tranby Park - Relocate Kiwanis Equipment - timed with Tranby Roadwork in the Spring | 169 - Pay As You Go - Capital Reserve | 0 | 155,000 | 0 | 0 | 0 | 0 | 155,000 |
| ECB-024-18 Accessible Washroom and Changeroom - Riverside Park | 169 - Pay As You Go - Capital Reserve | 400,000 | 0 | 0 | 0 | 0 | 0 | 400,000 |
| ECB-026-18 Elizabeth Kishkon Park - Install Washroom | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 400,000 | 400,000 |
| ECB-029-18 Wayfinding Signage and Markers - Ganatchio Trail/Little River | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 100,000 | 100,000 |
| ECB-041-18 Bike Park | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 500,000 | 500,000 |
| PFO-003-17 GPS Laser Line Painting Equipment | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 50,000 | 65,000 | 0 | 0 | 115,000 |
| PFO-006-18 Ditch Cutting Equipment for Vacant Properties/Phragmites Control | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 266,280 | 0 | 266,280 |
| Total for Division: Facility Operations | | 10,670,632 | 11,763,620 | 11,363,500 | 10,781,500 | 7,952,780 | 8,235,000 | 60,767,032 |

Department: Recreation & Culture

Division: Admin - Recreation & Culture

| | | | | | | | | |
|---|---------------------------------------|---|---------|---------|---------|---|---|----------------|
| ECB-038-18 Windsor International Film Festival (WIFF) | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 250,000 | 0 | 0 | 0 | 250,000 |
| ECB-043-18 Recreation Master Plan | 169 - Pay As You Go - Capital Reserve | 0 | 200,000 | 0 | 0 | 0 | 0 | 200,000 |
| REC-001-17 WFCU Centre Upgrades | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 698,441 | 0 | 0 | 698,441 |

Division: Community Centres & Programming

| | | | | | | | | |
|--|---------------------------------------|---|--------|---------|--------|-----------|---------|------------------|
| REC-001-08 The WFCU Centre Transitional Budget | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 400,000 | 0 | 400,000 |
| REC-002-14 Relocation of Sandpoint Beach | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| REC-003-07 Municipal Pools Refurbishment Program | 125 - Dev Chg - Indoor Recreation | 0 | 90,000 | 90,000 | 90,000 | 90,000 | 0 | 360,000 |
| REC-003-07 Municipal Pools Refurbishment Program | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 343,280 | 10,000 | 1,177,020 | 180,000 | 1,710,300 |
| REC-004-07 Recreation Facility Refurbishment Program | 125 - Dev Chg - Indoor Recreation | 0 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 25,000 |

City of Windsor
Summary of Capital Budget by Funding Source

For Budget Year: 2018

| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total | |
|--|---------------------------------------|-------------------|-------------------|-------------------|-------------------|------------------|------------------|-------------------|
| REC-004-07 Recreation Facility Refurbishment Program | 169 - Pay As You Go - Capital Reserve | 0 | 45,000 | 45,000 | 45,000 | 45,000 | 45,000 | 225,000 |
| Division: Cultural Affairs | | | | | | | | |
| REC-001-18 Monument and Memorial Capital Repairs | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 75,000 | 75,000 | 150,000 |
| Division: Recreation Facilities | | | | | | | | |
| HCP-011-07 Willistead Complex Restoration Improvements | 135 - Willistead Improvements | 0 | 0 | 100,000 | 0 | 0 | 0 | 100,000 |
| REC-001-16 Forest Glade New Gym Addition | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| REC-002-07 Lakeview Park Marina Upgrades | 165 - Lakeview Park Marina | 0 | 0 | 55,000 | 100,000 | 0 | 0 | 155,000 |
| REC-002-07 Lakeview Park Marina Upgrades | 169 - Pay As You Go - Capital Reserve | 50,000 | 0 | 0 | 0 | 50,000 | 50,000 | 150,000 |
| REC-005-16 Gino & Liz Marcus Community Centre Family Change Room | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 1,100,000 | 0 | 0 | 0 | 1,100,000 |
| Total for Division: Admin - Recreation & Culture | | 50,000 | 340,000 | 1,988,280 | 948,441 | 1,842,020 | 355,000 | 5,523,741 |
| Total for Service Area: Office of Parks, Rec., Culture & Facilities (OPRCF) | | 10,720,632 | 12,103,620 | 13,351,780 | 11,729,941 | 9,794,800 | 8,590,000 | 66,290,773 |

City of Windsor
Summary of Capital Budget by Funding Source

For Budget Year: 2018

| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
|---|----------|------------------|------------------|----------|----------|------------------|-------------------|
| Service Area: Office of the CAO (CAO) | | | | | | | |
| Department: CAO's Office | | | | | | | |
| Division: Administration - CAO's Office | | | | | | | |
| CAO-001-16 City Contribution Placeholder for Transfer of Paul Martin Bldg. to University of Windsor 169 - Pay As You Go - Capital Reserve | 0 | 7,500,000 | 7,500,000 | 0 | 0 | 0 | 15,000,000 |
| CAO-002-18 New Windsor-Essex Hospital System Plan 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 6,900,000 | 6,900,000 |
| Total for Division: Administration - CAO's Office | 0 | 7,500,000 | 7,500,000 | 0 | 0 | 6,900,000 | 21,900,000 |
| Total for Service Area: Office of the CAO (CAO) | 0 | 7,500,000 | 7,500,000 | 0 | 0 | 6,900,000 | 21,900,000 |

City of Windsor

Summary of Capital Budget by Funding Source

For Budget Year: 2018

| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total | |
|---|---------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Service Area: Office of the CFO (CFO) | | | | | | | | |
| Department: Finance | | | | | | | | |
| Division: Administration - Finance | | | | | | | | |
| FIN-006-16 (Legislated) Liability for Contaminated Sites | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 100,000 | 0 | 100,000 |
| FIN-009-15 Capital Reserve Replenishment Allocation | 169 - Pay As You Go - Capital Reserve | 3,210,000 | 3,210,000 | 3,210,000 | 3,210,000 | 3,210,000 | 3,210,000 | 19,260,000 |
| Division: Asset Planning | | | | | | | | |
| ECB-044-18 Financing Charges | 169 - Pay As You Go - Capital Reserve | 20,000 | 0 | 64,000 | 0 | 0 | 75,000 | 159,000 |
| FIN-001-15 Sub-Metering - Energy Cost Savings Initiative | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 150,000 | 0 | 0 | 150,000 |
| FIN-001-18 Net Metering | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| FIN-002-15 Corporate Wide Facilities LED Conversion | 169 - Pay As You Go - Capital Reserve | 0 | 1,200,000 | 0 | 0 | 0 | 0 | 1,200,000 |
| FIN-003-14 Energy Efficiency Engineering Studies for Arenas | 169 - Pay As You Go - Capital Reserve | 0 | 200,000 | 0 | 0 | 0 | 0 | 200,000 |
| FIN-003-15 Corporate Wide Facilities Lighting Sensors and Timers | 160 - Capital Expenditure Reserve | 55,000 | 0 | 5,000 | 0 | 0 | 0 | 60,000 |
| FIN-003-18 Geothermal/High Efficiency Heating and Cooling Systems | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| FIN-004-15 400 City Hall Square Energy Efficiency Upgrades | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 100,000 | 0 | 0 | 100,000 |
| FIN-004-18 Enterprise Wide Energy Management System Software | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| FIN-005-15 Little River Pollution Control Plant Energy Efficiency Measures Implementation | 208-Pollution Control Reserve | 0 | 0 | 150,000 | 0 | 0 | 0 | 150,000 |
| FIN-006-15 Transit Windsor Installation of NOx and CO Sensors | 160 - Capital Expenditure Reserve | 60,000 | 0 | 2,000 | 0 | 0 | 0 | 62,000 |
| FIN-007-15 Huron Lodge Energy Efficiency Initiatives - LED/Sub-Metering/HVAC Upgrades | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 50,000 | 0 | 0 | 50,000 |
| Division: Financial Planning | | | | | | | | |
| FIN-001-14 Development Charges Study and Bylaw Update | 121 - Dev Chg - General | 120,000 | 40,000 | 40,000 | 0 | 0 | 0 | 200,000 |
| FIN-007-16 Ward Funds | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 400,000 | 0 | 0 | 0 | 400,000 |
| Total for Division: Administration - Finance | | 3,465,000 | 4,650,000 | 3,871,000 | 3,510,000 | 3,310,000 | 3,285,000 | 22,091,000 |

City of Windsor

Summary of Capital Budget by Funding Source

For Budget Year: 2018

| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total | |
|--|---------------------------------------|---------|---------|---------|---------|---------|---------|------------------|
| Department: Information Technology | | | | | | | | |
| Division: Administration - Info. Tech. | | | | | | | | |
| ITC-001-08 Information Technology Business Continuity Improvements | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 100,000 | 100,000 | 200,000 | 150,000 | 550,000 |
| ITC-001-10 Smart Community Initiative | 169 - Pay As You Go - Capital Reserve | 0 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 1,000,000 |
| ITC-001-13 Corporate Integration of Mobile Technologies | 169 - Pay As You Go - Capital Reserve | 0 | 500,000 | 0 | 500,000 | 0 | 300,000 | 1,300,000 |
| ITC-007-07 Corporate Intranet Redesign & Internet Accessibility Improvements | 169 - Pay As You Go - Capital Reserve | 0 | 850,000 | 0 | 0 | 850,000 | 0 | 1,700,000 |
| Division: Business Process Modernization | | | | | | | | |
| ITC-001-12 Fire and Rescue Records Management and Computer Aided Dispatch System Initiatives | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 900,000 | 0 | 0 | 900,000 |
| Division: End User Management | | | | | | | | |
| ITC-001-09 Corporate Facilities Content Access Improvements | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 200,000 | 0 | 200,000 | 0 | 400,000 |
| Division: Enterprise Systems | | | | | | | | |
| ITC-008-07 Corporate Enterprise Resource Planning (ERP) System Improvements | 160 - Capital Expenditure Reserve | 0 | 475,000 | 250,000 | 250,000 | 250,000 | 250,000 | 1,475,000 |
| ITC-011-07 AMANDA Information System Upgrades and Improvements | 160 - Capital Expenditure Reserve | 200,000 | 350,000 | 200,000 | 200,000 | 300,000 | 200,000 | 1,450,000 |
| Division: Technology Infrastructure | | | | | | | | |
| ITC-001-18 Online Access for Non-Network Users | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 250,000 | 200,000 | 100,000 | 0 | 550,000 |
| ITC-002-07 Corporate Electronic Storage and Retrieval Systems Upgrades | 160 - Capital Expenditure Reserve | 100,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 850,000 |
| ITC-003-07 Information Technology Network Infrastructure Improvements | 160 - Capital Expenditure Reserve | 200,000 | 200,000 | 230,000 | 250,000 | 200,000 | 200,000 | 1,280,000 |
| ITC-005-07 Corporate Data & Network Security Initiatives | 160 - Capital Expenditure Reserve | 100,000 | 319,000 | 329,000 | 176,000 | 300,000 | 300,000 | 1,524,000 |
| ITC-006-07 Information Technology Disaster Recovery Initiatives | 160 - Capital Expenditure Reserve | 150,000 | 150,000 | 100,000 | 100,000 | 100,000 | 100,000 | 700,000 |
| ITC-006-07 Information Technology Disaster Recovery Initiatives | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ITC-012-07 Corporate Telephone System Upgrades/Replacement | 160 - Capital Expenditure Reserve | 200,000 | 21,000 | 194,000 | 0 | 300,000 | 100,000 | 815,000 |

City of Windsor

Summary of Capital Budget by Funding Source

For Budget Year: 2018

| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
|--|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| ITC-012-07 Corporate Telephone System Upgrades/Replacement 169 - Pay As You Go - Capital Reserve | 0 | 129,000 | 6,000 | 200,000 | 0 | 0 | 335,000 |
| Total for Division: Administration - Info. Tech. | 950,000 | 3,344,000 | 2,209,000 | 3,226,000 | 3,150,000 | 1,950,000 | 14,829,000 |
| Total for Service Area: Office of the CFO (CFO) | 4,415,000 | 7,994,000 | 6,080,000 | 6,736,000 | 6,460,000 | 5,235,000 | 36,920,000 |

City of Windsor

Summary of Capital Budget by Funding Source

For Budget Year: 2018

| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
|--|---------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Service Area: Office of the City Clerk (OCC) | | | | | | | |
| Department: Council Services | | | | | | | |
| Division: Administration Council Services | | | | | | | |
| ECB-039-18 Ward Funds 169 - Pay As You Go - Capital Reserve | 0 | 500,000 | 0 | 0 | 0 | 500,000 | 1,000,000 |
| Division: Communications & Cust. Service | | | | | | | |
| CCS-001-11 311/211 Call Centre Telephone System Upgrades 169 - Pay As You Go - Capital Reserve | 0 | 200,000 | 0 | 0 | 0 | 0 | 200,000 |
| Total for Division: Administration Council Services | 0 | 700,000 | 0 | 0 | 0 | 500,000 | 1,200,000 |
| Department: Human Resources | | | | | | | |
| Division: Administration - Human Resources | | | | | | | |
| HCP-001-07 Accessibility - ODA Compliance 160 - Capital Expenditure Reserve | 0 | 0 | 100,000 | 100,000 | 100,000 | 0 | 300,000 |
| HRS-002-09 Accessibility - AODA Standard Training, Materials and Outreach 169 - Pay As You Go - Capital Reserve | 0 | 0 | 74,500 | 0 | 0 | 0 | 74,500 |
| HRS-002-11 Corporate Employee Online Training Programs 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 20,000 | 0 | 0 | 20,000 |
| HRS-002-17 Corporate Ergonomic Equipment 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Division: Occupational H&S & Wellness | | | | | | | |
| HRS-002-08 Corporate Health and Safety Program - Assessments and Upgrades 160 - Capital Expenditure Reserve | 10,000 | 10,000 | 0 | 0 | 0 | 0 | 20,000 |
| HRS-002-08 Corporate Health and Safety Program - Assessments and Upgrades 169 - Pay As You Go - Capital Reserve | 0 | 0 | 10,000 | 10,000 | 0 | 0 | 20,000 |
| Total for Division: Administration - Human Resources | 10,000 | 10,000 | 184,500 | 130,000 | 100,000 | 0 | 434,500 |
| Department: Windsor Public Library | | | | | | | |
| Division: Administration - Library | | | | | | | |
| WPL-001-14 Windsor Public Library Mobile Unit/Materials Acquisition 122 - Dev Chg - Library | 175,000 | 175,000 | 150,000 | 150,000 | 0 | 0 | 650,000 |
| WPL-001-17 Library Refurbishments 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 25,844 | 89,180 | 33,752 | 148,776 |
| WPL-001-18 New Shelving for Central Library for Security 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WPL-002-09 Budimir Library Renovation/Expansion 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 50,000 | 0 | 50,000 |

City of Windsor

Summary of Capital Budget by Funding Source

For Budget Year: 2018

| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
|--|----------------|------------------|----------------|----------------|----------------|----------------|------------------|
| WPL-002-18 Material Acquisitions 122 - Dev Chg - Library | 0 | 0 | 0 | 0 | 125,000 | 125,000 | 250,000 |
| WPL-003-18 Refurbish or Replace the Bookmobile 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WPL-004-11 Windsor Public Library Materials Automation Systems Upgrades 169 - Pay As You Go - Capital Reserve | 0 | 1,050,000 | 0 | 0 | 0 | 0 | 1,050,000 |
| WPL-009-11 Windsor Public Library Facility Refurbishments 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 45,500 | 0 | 0 | 45,500 |
| Total for Division: Administration - Library | 175,000 | 1,225,000 | 150,000 | 221,344 | 264,180 | 158,752 | 2,194,276 |
| Total for Service Area: Office of the City Clerk (OCC) | 185,000 | 1,935,000 | 334,500 | 351,344 | 364,180 | 658,752 | 3,828,776 |

City of Windsor

Summary of Capital Budget by Funding Source

For Budget Year: 2018

| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
|--|---------------------------------------|-----------|-----------|-----------|-----------|-----------|------------------|
| Service Area: Office of the City Engineer (OCE) | | | | | | | |
| Department: Engineering | | | | | | | |
| Division: Administration - Engineering | | | | | | | |
| ECB-001-18 California/Pulford - Norfolk to Daytona | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 1,200,000 | 1,200,000 |
| ECB-003-18 College Ave. - Campbell to Mckay | 169 - Pay As You Go - Capital Reserve | 150,000 | 0 | 1,350,000 | 0 | 0 | 1,500,000 |
| ECB-005-18 Electrical Box Installation - Maiden Lane - Support DWFM | 169 - Pay As You Go - Capital Reserve | 75,000 | 0 | 0 | 0 | 0 | 75,000 |
| ECB-006-18 Crawford Ave. - Wyandotte to Tecumseh - Engineering | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 250,000 | 0 | 0 | 250,000 |
| ECB-012-18 Pedestrian Street Lighting on Ottawa St. | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 158,000 | 0 | 0 | 158,000 |
| ECB-013-18 Windermere St. - Engineering for Storm Sewer Reconstruction | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 105,000 | 0 | 0 | 105,000 |
| ECB-015-18 Erie St. - La Bella Strada Streetscaping | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 300,000 | 300,000 |
| ECB-017-18 Pillette Rd. - Seminole to VIA Tracks - Reconstruction (Phases 1 & 2) | 169 - Pay As You Go - Capital Reserve | 50,000 | 0 | 0 | 0 | 950,000 | 1,000,000 |
| ECB-025-18 Streetlights on Banwell Road between Tecumseh and Mulberry | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 70,000 | 70,000 |
| ECB-033-18 Reginald St. - Pillette to Norman - Reconstruction | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 375,000 | 375,000 |
| ECB-034-18 Byng Rd. - Lappan to Melinda - Reconstruction | 169 - Pay As You Go - Capital Reserve | 128,000 | 600,000 | 2,000 | 0 | 650,000 | 1,380,000 |
| ECB-035-18 Riverside Dr. Vista Roundabout - Devonshire and Riverside | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 1,000,000 | 0 | 1,000,000 |
| ECB-040-18 Reserve for Basement Flooding Mitigation - Sewer Master Plan | 6955 - Proceeds - Disposal of TCA | 500,000 | 0 | 0 | 0 | 0 | 500,000 |
| Division: Development, Projects & Right of Way | | | | | | | |
| ECP-001-13 New Fire Hall Station #6 & Emergency Operations Centre (EOC) | 169 - Pay As You Go - Capital Reserve | 1,247,160 | 2,448,064 | 0 | 0 | 0 | 3,695,224 |
| ECP-001-16 New City Hall Construction | 169 - Pay As You Go - Capital Reserve | 0 | 2,500,000 | 0 | 4,850,000 | 0 | 7,350,000 |
| ECP-009-08 Corporate Properties Site Assessments/Clean-ups/Demolitions | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 200,000 | 200,000 | 200,000 | 600,000 |
| ECP-012-07 South Cameron/South Windsor Planning District Infrastructure Improvements | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 200,000 | 0 | 0 | 200,000 |

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|---|---|-------------|-------------|-------------|-------------|-------------|-------------|------------------|
| ECP-013-09 La Bella Strada - Erie St. Business Improvement Area Streetscaping | 176 - Federal Gas Tax Rebate | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ECP-013-09 La Bella Strada - Erie St. Business Improvement Area Streetscaping | 6735 - Recovery Of Expenses EXTERNAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ECP-041-07 New Infrastructure Development - Oversizing Infrastructure (Developer-related) | 028 - Sewer Surcharge | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ECP-041-07 New Infrastructure Development - Oversizing Infrastructure (Developer-related) | 169 - Pay As You Go - Capital Reserve | 22,500 | 755,000 | 0 | 272,500 | 800,000 | 300,000 | 2,150,000 |
| ENG-001-18 Concord School Demolition | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ENG-001-18 Concord School Demolition | 6735 - Recovery Of Expenses EXTERNAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ENG-002-18 Asphalt Pavement Widening - Malden Rd./South Cameron Blvd. | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 325,000 | 0 | 0 | 0 | 325,000 |
| ENG-003-18 Sandwich Library | 122 - Dev Chg - Library | 513,795 | 0 | 0 | 0 | 0 | 0 | 513,795 |
| ENG-003-18 Sandwich Library | 169 - Pay As You Go - Capital Reserve | 0 | 434,280 | 465,720 | 0 | 500,000 | 0 | 1,400,000 |
| Division: Infrastructure & Geomatics | | | | | | | | |
| ECP-001-07 Citywide Streetlight Pole/Wiring Upgrades & Relocations | 169 - Pay As You Go - Capital Reserve | 700,000 | 520,000 | 240,000 | 500,000 | 200,000 | 362,000 | 2,522,000 |
| ECP-001-10 Upper Little River Stormwater Management Plan and Implementation | 028 - Sewer Surcharge | 185,000 | 0 | 0 | 0 | 0 | 0 | 185,000 |
| ECP-001-10 Upper Little River Stormwater Management Plan and Implementation | 117 - Dev Chg - Storm & Drains | 315,000 | 0 | 0 | 0 | 0 | 0 | 315,000 |
| ECP-002-08 Provincial Rd./Division Rd. Corridor Infrastructure Improvements | 028 - Sewer Surcharge | 0 | 2,000,000 | 1,150,000 | 0 | 0 | 0 | 3,150,000 |
| ECP-002-08 Provincial Rd./Division Rd. Corridor Infrastructure Improvements | 115 - Dev Chg - Roads & Related | 0 | 0 | 0 | 375,000 | 0 | 0 | 375,000 |
| ECP-002-08 Provincial Rd./Division Rd. Corridor Infrastructure Improvements | 117 - Dev Chg - Storm & Drains | 0 | 0 | 700,000 | 0 | 0 | 0 | 700,000 |
| ECP-002-08 Provincial Rd./Division Rd. Corridor Infrastructure Improvements | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 1,625,000 | 0 | 0 | 1,625,000 |
| ECP-002-10 Banwell Rd. Infrastructure Improvements | 115 - Dev Chg - Roads & Related | 0 | 0 | 1,000,000 | 1,000,000 | 0 | 1,000,000 | 3,000,000 |
| ECP-002-10 Banwell Rd. Infrastructure Improvements | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ECP-003-07 Grand Marais Rd. Infrastructure Improvements | 115 - Dev Chg - Roads & Related | 340,000 | 0 | 0 | 0 | 0 | 0 | 340,000 |
| ECP-003-07 Grand Marais Rd. Infrastructure Improvements | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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Summary of Capital Budget by Funding Source

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|---|---------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|
| ECP-003-08 Howard Ave. - South Corridor Infrastructure Improvements | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 350,000 | 0 | 50,000 | 0 | 400,000 |
| ECP-003-09 Cabana Rd. Infrastructure Improvements | 028 - Sewer Surcharge | 0 | 0 | 2,119,674 | 2,881,372 | 1,369,690 | 677,190 | 7,047,926 |
| ECP-003-09 Cabana Rd. Infrastructure Improvements | 115 - Dev Chg - Roads & Related | 1,642,675 | 315,325 | 175,000 | 0 | 0 | 0 | 2,133,000 |
| ECP-003-09 Cabana Rd. Infrastructure Improvements | 117 - Dev Chg - Storm & Drains | 540,000 | 0 | 0 | 0 | 0 | 0 | 540,000 |
| ECP-003-09 Cabana Rd. Infrastructure Improvements | 169 - Pay As You Go - Capital Reserve | 1,552,325 | 3,515,000 | 4,025,000 | 3,175,370 | 3,175,370 | 3,175,370 | 18,618,435 |
| ECP-003-09 Cabana Rd. Infrastructure Improvements | 6310 - Ontario Specific Grants | 325,000 | 0 | 0 | 0 | 0 | 0 | 325,000 |
| ECP-004-07 Walker Rd. Infrastructure Improvements | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ECP-004-08 Municipal Drains Capital Improvement Program | 028 - Sewer Surcharge | 200,000 | 0 | 200,000 | 200,000 | 250,000 | 250,000 | 1,100,000 |
| ECP-004-09 Stormwater and Sanitary Master Plan Development | 028 - Sewer Surcharge | 250,000 | 0 | 0 | 0 | 250,000 | 250,000 | 750,000 |
| ECP-004-09 Stormwater and Sanitary Master Plan Development | 153 - Sewer Surcharge | 500,000 | 0 | 0 | 0 | 0 | 0 | 500,000 |
| ECP-005-07 Tecumseh Rd. E. Infrastructure Improvements | 115 - Dev Chg - Roads & Related | 0 | 0 | 0 | 450,000 | 0 | 0 | 450,000 |
| ECP-005-07 Tecumseh Rd. E. Infrastructure Improvements | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 50,000 | 0 | 500,000 | 0 | 550,000 |
| ECP-005-08 Grand Marais Drain Improvements (Concrete Channel) | 028 - Sewer Surcharge | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ECP-005-10 Local Improvement Program - Road Rehabilitation | 169 - Pay As You Go - Capital Reserve | 0 | 250,000 | 200,000 | 200,000 | 200,000 | 0 | 850,000 |
| ECP-006-07 Howard Ave. Infrastructure Improvements | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ECP-007-07 Local Improvement Program - Infrastructure | 028 - Sewer Surcharge | 115,000 | 0 | 273,700 | 545,562 | 0 | 0 | 934,262 |
| ECP-007-07 Local Improvement Program - Infrastructure | 153 - Sewer Surcharge | 0 | 225,000 | 75,000 | 0 | 0 | 0 | 300,000 |
| ECP-007-07 Local Improvement Program - Infrastructure | 169 - Pay As You Go - Capital Reserve | 0 | 675,000 | 1,046,100 | 823,718 | 0 | 0 | 2,544,818 |
| ECP-007-07 Local Improvement Program - Infrastructure | 6735 - Recovery Of Expenses EXTERNAL | 80,000 | 100,000 | 350,000 | 130,720 | 0 | 0 | 660,720 |
| ECP-008-07 Pedestrian Safety Improvements | 169 - Pay As You Go - Capital Reserve | 0 | 100,000 | 0 | 0 | 100,000 | 0 | 200,000 |
| ECP-009-07 Intersection Improvements Program | 169 - Pay As You Go - Capital Reserve | 0 | 470,000 | 500,000 | 500,000 | 500,000 | 500,000 | 2,470,000 |

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| | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
|---|---------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------|
| ECP-010-07 East Riverside Planning District Infrastructure Improvements | 028 - Sewer Surcharge | 0 | 0 | 0 | 321,478 | 0 | 0 | 321,478 |
| ECP-010-07 East Riverside Planning District Infrastructure Improvements | 169 - Pay As You Go - Capital Reserve | 0 | 250,000 | 0 | 2,078,522 | 0 | 0 | 2,328,522 |
| ECP-014-07 City Centre Streetscape Improvements | 7052 - TRANSFER From Capital Projects | 897,640 | 0 | 0 | 0 | 0 | 0 | 897,640 |
| ECP-014-07 City Centre Streetscape Improvements | 169 - Pay As You Go - Capital Reserve | 0 | 350,000 | 350,000 | 0 | 5,700,000 | 0 | 6,400,000 |
| ECP-015-07 McDougall Ave. Infrastructure Improvements | 115 - Dev Chg - Roads & Related | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ECP-016-07 The Riverside Drive Vista Improvement | 028 - Sewer Surcharge | 280,000 | 100,000 | 76,000 | 0 | 0 | 0 | 456,000 |
| ECP-016-07 The Riverside Drive Vista Improvement | 115 - Dev Chg - Roads & Related | 0 | 0 | 300,000 | 0 | 0 | 0 | 300,000 |
| ECP-016-07 The Riverside Drive Vista Improvement | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 664,000 | 250,000 | 1,000,000 | 3,350,000 | 5,264,000 |
| ECP-017-07 Local Improvements Program - Sanitary Sewer | 028 - Sewer Surcharge | 1,700,000 | 0 | 0 | 1,850,000 | 1,000,000 | 0 | 4,550,000 |
| ECP-017-07 Local Improvements Program - Sanitary Sewer | 6735 - Recovery Of Expenses EXTERNAL | 300,000 | 0 | 0 | 150,000 | 150,000 | 0 | 600,000 |
| ECP-022-07 Prince Rd./Totten St. Storm Sewer Improvements - Engineering & Construction | 028 - Sewer Surcharge | 0 | 0 | 55,000 | 0 | 0 | 0 | 55,000 |
| ECP-022-07 Prince Rd./Totten St. Storm Sewer Improvements - Engineering & Construction | 117 - Dev Chg - Storm & Drains | 125,000 | 0 | 25,000 | 0 | 0 | 0 | 150,000 |
| ECP-022-07 Prince Rd./Totten St. Storm Sewer Improvements - Engineering & Construction | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 100,000 | 0 | 100,000 |
| ECP-023-07 Parent Ave./McDougall Ave. Storm Sewer Engineering & Construction | 028 - Sewer Surcharge | 250,000 | 0 | 0 | 0 | 2,950,000 | 0 | 3,200,000 |
| ECP-028-07 Grand Marais Drain Capital Improvements (Existing Naturalized Channel) | 028 - Sewer Surcharge | 470,000 | 2,000,000 | 0 | 632,000 | 500,000 | 1,200,000 | 4,802,000 |
| ECP-028-07 Grand Marais Drain Capital Improvements (Existing Naturalized Channel) | 117 - Dev Chg - Storm & Drains | 0 | 100,000 | 0 | 100,000 | 0 | 0 | 200,000 |
| ECP-030-07 Riverside Flood Abatement Initiatives - Capital Improvements to Existing Trunk Sewer | 028 - Sewer Surcharge | 0 | 250,000 | 250,000 | 0 | 0 | 0 | 500,000 |
| ECP-034-07 Campbell Ave./University Ave. Storm Sewer Engineering & Construction | 028 - Sewer Surcharge | 125,000 | 0 | 3,670,000 | 0 | 0 | 0 | 3,795,000 |

City of Windsor

Summary of Capital Budget by Funding Source

For Budget Year: 2018

| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total | |
|--|---------------------------------------|------------|------------|------------|------------|------------|------------|-------------------|
| ECP-035-07 City Wide Sewer Rehabilitation Program | 028 - Sewer Surcharge | 12,374,000 | 16,410,000 | 11,156,000 | 12,000,000 | 11,995,000 | 12,343,000 | 76,278,000 |
| ECP-035-07 City Wide Sewer Rehabilitation Program | 153 - Sewer Surcharge | 1,742,673 | 0 | 0 | 0 | 0 | 0 | 1,742,673 |
| ECP-036-07 Ojibway Sanitary Sewer Rehabilitation | 028 - Sewer Surcharge | 0 | 0 | 0 | 0 | 0 | 3,000,000 | 3,000,000 |
| EDG-001-11 Lauzon Parkway & County Rd. 42 Infrastructure Improvements | 028 - Sewer Surcharge | 0 | 0 | 0 | 500,000 | 0 | 0 | 500,000 |
| EDG-001-11 Lauzon Parkway & County Rd. 42 Infrastructure Improvements | 115 - Dev Chg - Roads & Related | 0 | 0 | 0 | 50,000 | 0 | 1,000,000 | 1,050,000 |
| EDG-001-11 Lauzon Parkway & County Rd. 42 Infrastructure Improvements | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 1,450,000 | 0 | 0 | 1,450,000 |
| EIT-001-11 Local Improvement Program - Street Lighting | 169 - Pay As You Go - Capital Reserve | 0 | 100,000 | 0 | 100,000 | 0 | 100,000 | 300,000 |
| ENG-001-13 Capital Improvements to Little River Steel Retaining Walls | 028 - Sewer Surcharge | 500,000 | 0 | 1,000,000 | 0 | 0 | 1,000,000 | 2,500,000 |
| ENG-001-16 Sixth Concession Rd./North Talbot Rd. Infrastructure Improvements | 115 - Dev Chg - Roads & Related | 0 | 0 | 0 | 300,000 | 0 | 0 | 300,000 |
| ENG-001-16 Sixth Concession Rd./North Talbot Rd. Infrastructure Improvements | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 300,000 | 0 | 0 | 300,000 |
| ENG-002-12 Local Improvement Program - Sidewalks | 169 - Pay As You Go - Capital Reserve | 0 | 50,000 | 0 | 50,000 | 50,000 | 0 | 150,000 |
| ENG-002-16 Capital Improvements to Little River Municipal Drain (Lauzon Rd. to VIA Tracks) | 028 - Sewer Surcharge | 0 | 0 | 50,000 | 0 | 0 | 0 | 50,000 |
| ENG-002-16 Capital Improvements to Little River Municipal Drain (Lauzon Rd. to VIA Tracks) | 115 - Dev Chg - Roads & Related | 0 | 0 | 50,000 | 0 | 0 | 0 | 50,000 |
| ENG-002-17 Bus Bay Program | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 100,000 | 100,000 | 200,000 |
| ENG-003-13 Sixth Concession Municipal Drain - Land Acquisition & Capital Improvements | 028 - Sewer Surcharge | 150,000 | 200,000 | 500,000 | 200,000 | 535,000 | 485,000 | 2,070,000 |
| ENG-003-17 New Streetlights on Collectors and Arterials | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 100,000 | 100,000 | 200,000 |
| ENG-005-17 Central Box EA Road and Infrastructure Improvements | 115 - Dev Chg - Roads & Related | 0 | 90,000 | 0 | 0 | 0 | 0 | 90,000 |
| ENG-005-17 Central Box EA Road and Infrastructure Improvements | 169 - Pay As You Go - Capital Reserve | 0 | 130,000 | 500,000 | 0 | 700,000 | 4,662,000 | 5,992,000 |
| ENG-009-16 North Talbot Rd. Environmental Assessment/Southwood Lakes Entrance Reconstruction | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 600,000 | 0 | 0 | 0 | 600,000 |

City of Windsor

Summary of Capital Budget by Funding Source

For Budget Year: 2018

| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
|--|---------------------------------------|---------|---------|------|-----------|-----------|-----------|
| ENG-015-17 Sewer Rehabilitation - Mount Carmel - Cabana to Lennon Drain | 028 - Sewer Surcharge | 773,791 | 0 | 0 | 0 | 0 | 773,791 |
| ENG-015-17 Sewer Rehabilitation - Mount Carmel - Cabana to Lennon Drain | 6735 - Recovery Of Expenses EXTERNAL | 9,209 | 0 | 0 | 0 | 0 | 9,209 |
| ENG-016-17 Campbell/University Area Storm Drainage - Environmental Assessment/Master Plan | 028 - Sewer Surcharge | 100,000 | 0 | 0 | 0 | 0 | 100,000 |
| ENG-017-17 Pontiac Pumping Station - Capacity Study | 028 - Sewer Surcharge | 62,500 | 0 | 0 | 0 | 0 | 62,500 |
| ENG-018-17 St. Paul Pumping Station - Capacity Study | 028 - Sewer Surcharge | 62,500 | 0 | 0 | 0 | 0 | 62,500 |
| ENG-023-17 Connaught Street Reconstruction | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 715,000 | 0 | 715,000 |
| ENG-024-17 Northwood/Dominion Intersection Improvements | 176 - Federal Gas Tax Rebate | 0 | 0 | 0 | 1,000,000 | 1,000,000 | 2,000,000 |
| ENG-024-17 Northwood/Dominion Intersection Improvements | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 150,000 | 0 | 150,000 |
| ENG-026-17 Sandwich Street - Roundabout and Archeological Study | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 1,150,000 | 0 | 1,150,000 |
| ENG-027-17 Wyandotte Town Centre's World Marketplace Redevelopment - Phase 1 | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 1,000,000 | 0 | 1,000,000 |
| ENG-028-17 Banwell Road - Engineering - Roundabout at Mulberry | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 200,000 | 0 | 200,000 |
| ENG-031-17 Norman Road - Engineering - Tecumseh to Adstoll | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 100,000 | 0 | 100,000 |
| OPS-012-17 Streetlights on South National | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 105,000 | 0 | 105,000 |
| Division: Pollution Control | | | | | | | |
| ENG-012-17 ESR for Riverfront CSO Downstream of CMH Woods Pump Station/LRWPR Wet Weather Flows | 169 - Pay As You Go - Capital Reserve | 150,000 | 0 | 0 | 0 | 0 | 150,000 |
| ENG-012-17 ESR for Riverfront CSO Downstream of CMH Woods Pump Station/LRWPR Wet Weather Flows | 6310 - Ontario Specific Grants | 50,000 | 0 | 0 | 0 | 0 | 50,000 |
| ENG-012-17 ESR for Riverfront CSO Downstream of CMH Woods Pump Station/LRWPR Wet Weather Flows | 6320 - Canada Specific Grants | 100,000 | 0 | 0 | 0 | 0 | 100,000 |
| ENG-013-17 Malden Landfill Gas Migration | 169 - Pay As You Go - Capital Reserve | 0 | 460,000 | 0 | 0 | 0 | 460,000 |
| ENG-020-17 LRWRP Dry Well Reliability Issues | 028 - Sewer Surcharge | 87,500 | 0 | 0 | 0 | 0 | 87,500 |

City of Windsor

Summary of Capital Budget by Funding Source

For Budget Year: 2018

| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| ENG-021-17 Maplewood Pumping Station - Odour Control System | 137,500 | 0 | 0 | 0 | 0 | 0 | 137,500 |
| ENG-022-17 LRWRP Back Wash Tanks | 187,500 | 0 | 0 | 0 | 0 | 0 | 187,500 |
| ENV-001-08 Lou Romano Water Reclamation Plant Capital Improvements | 2,605,000 | 1,380,000 | 1,150,000 | 1,350,000 | 1,050,000 | 1,283,000 | 8,818,000 |
| ENV-002-08 Little River Pollution Control Plant Capital Improvements | 1,545,000 | 2,555,000 | 725,000 | 2,375,000 | 2,095,000 | 1,095,000 | 10,390,000 |
| ENV-003-08 Pumping Stations Capital Improvements | 800,000 | 3,450,000 | 775,000 | 1,850,000 | 730,000 | 1,405,000 | 9,010,000 |
| Total for Division: Administration - Engineering | 35,016,268 | 42,782,669 | 37,406,194 | 48,056,242 | 38,850,060 | 41,182,560 | 243,293,993 |

Department: Public Works

Division: Contracts, Field Services & Maintenance

| | | | | | | | | |
|---|---------------------------------------|-----------|---------|-----------|-----------|-----------|-----------|------------|
| ECB-007-18 Victoria Ave. - Tecumseh to Jackson Park - Mill and Pave | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 150,000 | 0 | 0 | 0 | 150,000 |
| ECB-008-18 Park St. - Pelissier to Caron | 169 - Pay As You Go - Capital Reserve | 43,000 | 387,000 | 0 | 0 | 0 | 0 | 430,000 |
| ECB-009-18 Lillian Ave. - Grand Marais to South Pacific - Reconstruction | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 500,000 | 0 | 0 | 0 | 500,000 |
| ECB-014-18 Ypres Blvd. - Forest to Marentette - Mill and Pave | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 247,000 | 0 | 0 | 0 | 247,000 |
| ECB-016-18 St. Luke Rd. - Seminole to ETR - Reconstruction | 169 - Pay As You Go - Capital Reserve | 51,000 | 0 | 0 | 459,000 | 0 | 0 | 510,000 |
| ECB-019-18 St. Julien Rd. - George to Tourangeau - Reconstruction | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 155,000 | 0 | 0 | 155,000 |
| ECB-020-18 Milloy Ave. - Chandler to Meldrum - Mill and Pave | 169 - Pay As You Go - Capital Reserve | 0 | 108,000 | 0 | 0 | 0 | 0 | 108,000 |
| ECB-021-18 Albert St. - Wyandotte to Edna - Mill and Pave | 169 - Pay As You Go - Capital Reserve | 0 | 114,000 | 0 | 0 | 0 | 0 | 114,000 |
| ECB-027-18 Briarbank Dr. - Mill and Pave | 169 - Pay As You Go - Capital Reserve | 0 | 7,000 | 143,000 | 190,000 | 0 | 0 | 340,000 |
| ECB-030-18 Wyandotte St. - St. Rose to Janisse - Repair WB, Reconstruct EB | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 440,000 | 440,000 |
| ECB-031-18 Courtland Cres. - South National to South National - Mill and Pave | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 120,000 | 120,000 |
| ECB-032-18 Annie St. - Tecumseh to Cul-de-sac - Mill and Pave | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 90,000 | 90,000 |
| ECB-036-18 Northwood St. - Cleary to Daytona - Reconstruction | 169 - Pay As You Go - Capital Reserve | 0 | 675,000 | 75,000 | 0 | 0 | 0 | 750,000 |
| ECB-037-18 Alley Funding | 169 - Pay As You Go - Capital Reserve | 0 | 250,000 | 0 | 0 | 0 | 0 | 250,000 |
| ENG-007-16 Basement Flooding Abatement Measures | 028 - Sewer Surcharge | 2,700,000 | 640,000 | 1,100,000 | 2,250,000 | 2,300,000 | 2,300,000 | 11,290,000 |

City of Windsor

Summary of Capital Budget by Funding Source

For Budget Year: 2018

| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total | |
|--|---------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|
| OPS-001-07 Road Rehabilitation - Various Locations Program | 176 - Federal Gas Tax Rebate | 8,887,000 | 9,239,090 | 8,877,000 | 8,000,000 | 8,000,000 | 8,000,000 | 51,003,090 |
| OPS-001-11 Minor Alley Maintenance Program | 169 - Pay As You Go - Capital Reserve | 100,000 | 200,000 | 100,000 | 100,000 | 1,100,000 | 250,000 | 1,850,000 |
| OPS-002-10 Civic Gateway Corridor Enhancements | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OPS-002-11 Minor Road Deficiencies Rehabilitation Program | 176 - Federal Gas Tax Rebate | 140,000 | 395,000 | 156,516 | 0 | 0 | 0 | 691,516 |
| OPS-002-11 Minor Road Deficiencies Rehabilitation Program | 169 - Pay As You Go - Capital Reserve | 0 | 5,000 | 93,484 | 250,000 | 250,000 | 750,000 | 1,348,484 |
| OPS-002-14 Enhanced Capital Budget Road Rehabilitation Placeholder | 169 - Pay As You Go - Capital Reserve | 5,489,000 | 0 | 0 | 0 | 0 | 0 | 5,489,000 |
| OPS-003-07 Bridge Rehabilitation Program | 176 - Federal Gas Tax Rebate | 2,500,000 | 3,200,000 | 3,000,000 | 3,034,000 | 4,000,000 | 5,000,000 | 20,734,000 |
| OPS-003-07 Bridge Rehabilitation Program | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 399,000 | 0 | 0 | 0 | 399,000 |
| OPS-004-07 Sidewalk Rehabilitation Program | 176 - Federal Gas Tax Rebate | 227,000 | 0 | 0 | 0 | 0 | 0 | 227,000 |
| OPS-004-07 Sidewalk Rehabilitation Program | 169 - Pay As You Go - Capital Reserve | 90,500 | 700,000 | 700,000 | 800,000 | 1,500,000 | 1,500,000 | 5,290,500 |
| OPS-005-07 Railway Lands Fencing | 169 - Pay As You Go - Capital Reserve | 50,000 | 50,000 | 0 | 0 | 50,000 | 50,000 | 200,000 |
| OPS-005-07 Railway Lands Fencing | 6735 - Recovery Of Expenses EXTERNAL | 50,000 | 50,000 | 0 | 0 | 50,000 | 50,000 | 200,000 |
| OPS-006-07 "At-Grade" Railway Crossings Capital Improvements | 169 - Pay As You Go - Capital Reserve | 137,500 | 325,000 | 72,500 | 100,000 | 100,000 | 100,000 | 835,000 |
| OPS-006-07 "At-Grade" Railway Crossings Capital Improvements | 6320 - Canada Specific Grants | 0 | 275,000 | 0 | 0 | 0 | 0 | 275,000 |
| OPS-006-07 "At-Grade" Railway Crossings Capital Improvements | 6735 - Recovery Of Expenses EXTERNAL | 137,500 | 225,000 | 12,500 | 100,000 | 25,000 | 25,000 | 525,000 |
| OPS-008-16 Devon Dr. Reconstruction - South Service Rd. to Sydney Ave. | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 1,500,000 | 0 | 0 | 0 | 1,500,000 |
| OPS-008-17 Rossini Reconstruction - Tecumseh to Griffin | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 300,000 | 0 | 0 | 300,000 |
| OPS-009-16 North Service Rd. Reconstruction | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 2,100,000 | 0 | 0 | 0 | 2,100,000 |
| OPS-009-17 Reginald Street Reconstruction - Rossini to Francois | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 280,000 | 0 | 0 | 280,000 |
| OPS-010-16 Wyandotte St. Mill and Pave - Watson Ave. to Riverdale Ave. | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 300,000 | 0 | 0 | 0 | 300,000 |
| OPS-010-17 Tranby Reconstruction | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 1,200,000 | 0 | 0 | 1,200,000 |
| OPS-013-17 Reginald Street Reconstruction - Norman to Westminster | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 390,000 | 0 | 0 | 390,000 |

City of Windsor

Summary of Capital Budget by Funding Source

For Budget Year: 2018

| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total | |
|--|---------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|
| OPS-014-17 Alice Street Mill and Pave - Norman to Polonia Park | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 35,000 | 0 | 0 | 35,000 |
| OPS-015-17 Coronation Street Mill and Pave - Jefferson to Cul-de-sac | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 55,000 | 0 | 0 | 55,000 |
| OPS-016-17 Devon Drive Reconstruction - Sydney to South Service | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 800,000 | 0 | 0 | 800,000 |
| OPS-017-17 Northwood Reconstruction - Northwood to Northway | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 500,000 | 0 | 0 | 500,000 |
| OPS-019-17 Storm & Waste - Data Acquisition | 028 - Sewer Surcharge | 282,500 | 0 | 0 | 0 | 0 | 0 | 282,500 |
| OPS-023-17 South National Relining | 028 - Sewer Surcharge | 187,500 | 0 | 0 | 0 | 0 | 0 | 187,500 |
| OPS-024-17 Rossini Street Relining | 028 - Sewer Surcharge | 35,000 | 0 | 0 | 0 | 0 | 0 | 35,000 |
| OPS-025-17 Storm Extension to Railway at College and Crawford | 028 - Sewer Surcharge | 126,312 | 0 | 0 | 0 | 0 | 0 | 126,312 |
| OPS-026-17 Lake Trail Drive Mill and Pave | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 400,000 | 0 | 0 | 400,000 |
| OPS-028-18 Concrete Road Panel Repair Program | 160 - Capital Expenditure Reserve | 0 | 0 | 0 | 0 | 0 | 650,000 | 650,000 |
| OPS-028-18 Concrete Road Panel Repair Program | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 895,000 | 850,000 | 1,745,000 |
| OPS-029-18 Curb Replacement Program | 028 - Sewer Surcharge | 0 | 0 | 0 | 0 | 300,000 | 0 | 300,000 |
| OPS-029-18 Curb Replacement Program | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 300,000 | 0 | 300,000 |
| Division: Fleet | | | | | | | | |
| FRS-001-07 Fire & Rescue First Response Vehicle Replacement Program | 163 - Fire Major Equipment | 47,000 | 0 | 52,000 | 58,000 | 2,775,000 | 116,000 | 3,048,000 |
| OPS-001-15 Parks Equipment Replacement Program | 197 - Off Road Fleet Replacement | 617,000 | 272,000 | 733,000 | 648,000 | 591,000 | 413,000 | 3,274,000 |
| OPS-001-17 Fuel Site Equipment Replacement | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 20,000 | 0 | 310,340 | 42,350 | 372,690 |
| OPS-002-16 Corporate Fuel Site Automation Initiatives | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 50,000 | 50,000 | 50,000 | 150,000 |
| OPS-002-17 Fuel Site Improvements | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 132,000 | 0 | 132,000 |
| OPS-005-08 Corporate Fleet Replacement Program | 136 - Equipment Replacement | 1,574,000 | 2,806,000 | 2,195,000 | 1,197,000 | 2,028,000 | 1,955,000 | 11,755,000 |
| OPS-005-16 FleetFocus Web Migration | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 35,000 | 0 | 35,000 |
| OPS-022-07 Purchase of Additional Fleet Equipment | 169 - Pay As You Go - Capital Reserve | 310,000 | 0 | 0 | 0 | 240,000 | 150,000 | 700,000 |
| OPS-027-18 Greening the Fleet | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 100,000 |

City of Windsor

Summary of Capital Budget by Funding Source

For Budget Year: 2018

| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total | |
|---|---------------------------------------|-----------|---------|---------|-----------|---------|---------|------------------|
| Division: Traffic Ops, Parking & Trans. Planning | | | | | | | | |
| OPS-001-10 Traffic Signal LED Replacement Program | 169 - Pay As You Go - Capital Reserve | 0 | 350,000 | 450,000 | 200,000 | 200,000 | 200,000 | 1,400,000 |
| OPS-001-13 Parking Equipment Replacement Program | 138 - Off Street Parking | 120,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 620,000 |
| OPS-001-18 School Neighbourhood Policy | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 150,000 | 150,000 | 300,000 |
| OPS-002-09 Video Detection Infrastructure & Equipment Upgrade/Replacement Program | 169 - Pay As You Go - Capital Reserve | 0 | 500,000 | 400,000 | 400,000 | 120,000 | 120,000 | 1,540,000 |
| OPS-003-14 University Avenue Environmental Assessment Placeholder | 169 - Pay As You Go - Capital Reserve | 5,000,000 | 0 | 0 | 0 | 0 | 0 | 5,000,000 |
| OPS-003-16 Accessibility - Audible Pedestrian Signals Implementation (AODA) | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OPS-006-17 Victoria Reconstruction EA - Chatham to Park | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 125,000 | 0 | 0 | 125,000 |
| OPS-007-16 Cabana Rd. Pavement Markings | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 110,000 | 0 | 0 | 0 | 110,000 |
| OPS-009-07 Transportation Planning Environmental Study Reports (ESRs) | 160 - Capital Expenditure Reserve | 100,000 | 0 | 0 | 0 | 0 | 0 | 100,000 |
| OPS-009-07 Transportation Planning Environmental Study Reports (ESRs) | 169 - Pay As You Go - Capital Reserve | 0 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 500,000 |
| OPS-010-07 Advanced Traffic Management System (ATMS) - Capital Software/Hardware Upgrades | 176 - Federal Gas Tax Rebate | 600,000 | 600,000 | 600,000 | 600,000 | 234,000 | 234,000 | 2,868,000 |
| OPS-010-07 Advanced Traffic Management System (ATMS) - Capital Software/Hardware Upgrades | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 366,000 | 0 | 366,000 |
| OPS-012-07 Traffic Signals - Capital Upgrades and Replacements | 176 - Federal Gas Tax Rebate | 200,000 | 0 | 200,000 | 200,000 | 0 | 0 | 600,000 |
| OPS-012-07 Traffic Signals - Capital Upgrades and Replacements | 169 - Pay As You Go - Capital Reserve | 0 | 200,000 | 100,000 | 100,000 | 300,000 | 0 | 700,000 |
| OPS-014-07 Citywide Bikeway Development Initiatives | 176 - Federal Gas Tax Rebate | 0 | 0 | 600,000 | 600,000 | 200,000 | 200,000 | 1,600,000 |
| OPS-014-07 Citywide Bikeway Development Initiatives | 160 - Capital Expenditure Reserve | 500,000 | 0 | 0 | 0 | 0 | 0 | 500,000 |
| OPS-014-07 Citywide Bikeway Development Initiatives | 169 - Pay As You Go - Capital Reserve | 0 | 600,000 | 0 | 0 | 0 | 0 | 600,000 |
| OPS-018-07 Parking Garage Capital Improvements | 138 - Off Street Parking | 300,000 | 600,000 | 600,000 | 1,100,000 | 600,000 | 600,000 | 3,800,000 |
| OPS-019-07 New Parking Lot Development | 138 - Off Street Parking | 0 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 750,000 |

City of Windsor

Summary of Capital Budget by Funding Source

For Budget Year: 2018

| | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
|--|---------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| OPS-020-07 Parking Lot Rehabilitation Program | 138 - Off Street Parking | 0 | 50,000 | 150,000 | 150,000 | 150,000 | 150,000 | 650,000 |
| OPS-020-07 Parking Lot Rehabilitation Program | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OPS-021-07 Traffic Calming Initiatives | 160 - Capital Expenditure Reserve | 0 | 169,000 | 106,000 | 0 | 0 | 0 | 275,000 |
| Total for Division: Contracts, Field Services & Maintenance | | 30,601,812 | 23,342,090 | 26,192,000 | 25,176,000 | 27,751,340 | 24,955,350 | 158,018,592 |

Department: Transit Windsor

Division: Administration - Transit Windsor

| | | | | | | | | |
|---|---------------------------------------|---|---------|--------|--------|--------|--------|----------------|
| TRN-003-07 Transit Windsor Customer Service Improvements - Shelters/Signage/Amenities | 127 - Dev Chg - Transit | 0 | 0 | 0 | 0 | 20,000 | 20,000 | 40,000 |
| TRN-003-07 Transit Windsor Customer Service Improvements - Shelters/Signage/Amenities | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TRN-004-07 Transit Windsor Master Plan Implementation | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 50,000 | 50,000 | 50,000 | 150,000 |
| TRN-005-17 Transit Windsor Service Delivery Review and Project Management | 169 - Pay As You Go - Capital Reserve | 0 | 175,000 | 50,000 | 0 | 0 | 0 | 225,000 |
| TRN-008-17 Transit Windsor Fare Structure Review | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 20,000 | 0 | 0 | 0 | 20,000 |

Division: Transit Maintenance

| | | | | | | | | |
|--|---------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|
| TRN-001-07 Transit Windsor Fleet Replacement Program | 169 - Pay As You Go - Capital Reserve | 0 | 215,108 | 2,085,500 | 3,010,500 | 4,800,000 | 4,800,000 | 14,911,108 |
| TRN-001-08 Transit Windsor Smart Bus Technology/Intelligent Transportation System (ITS) Initiative | 160 - Capital Expenditure Reserve | 0 | 220,000 | 0 | 0 | 0 | 0 | 220,000 |
| TRN-001-08 Transit Windsor Smart Bus Technology/Intelligent Transportation System (ITS) Initiative | 169 - Pay As You Go - Capital Reserve | 0 | 280,000 | 0 | 0 | 0 | 0 | 280,000 |
| TRN-001-16 Transit Windsor Fleet Refurbishment/Repair Costs | 160 - Capital Expenditure Reserve | 500,000 | 0 | 0 | 500,000 | 0 | 0 | 1,000,000 |
| TRN-001-16 Transit Windsor Fleet Refurbishment/Repair Costs | 169 - Pay As You Go - Capital Reserve | 0 | 500,000 | 500,000 | 0 | 300,000 | 300,000 | 1,600,000 |
| TRN-002-08 Transit Windsor Fleet Structural Repairs | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 302,500 | 200,000 | 200,000 | 702,500 |
| TRN-002-13 Transit Windsor Fuel System Improvements Initiative | 169 - Pay As You Go - Capital Reserve | 0 | 55,000 | 0 | 0 | 0 | 0 | 55,000 |
| TRN-010-17 Acquisition of 40' Clean Diesel Buses | 169 - Pay As You Go - Capital Reserve | 4,000,000 | 2,247,392 | 0 | 0 | 0 | 0 | 6,247,392 |

City of Windsor
Summary of Capital Budget by Funding Source

For Budget Year: 2018

| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
|---|---------------------------------------|--------|---------|---------|--------|------|---------|
| TRN-012-17 Rehabilitation of Concrete Surfaces/Drains in Fuelling and Cleaning Area of the Maintenance Garage | 169 - Pay As You Go - Capital Reserve | 0 | 5,000 | 0 | 0 | 0 | 5,000 |
| TRN-013-17 Rehabilitation of Concrete Surfaces throughout the Maintenance Garage | 169 - Pay As You Go - Capital Reserve | 0 | 50,000 | 0 | 0 | 0 | 50,000 |
| TRN-014-17 Replacement of Three High-Speed Doors in the Maintenance Garage | 169 - Pay As You Go - Capital Reserve | 0 | 45,000 | 0 | 0 | 0 | 45,000 |
| TRN-017-17 Installation of an Exhaust Unit for Improved Ventilation at Main Transit Terminal | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 375,000 | 0 | 0 | 375,000 |
| TRN-018-17 Acquisition of a Commercial Grade Floor Sweeper for Maintenance Garage Floor | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 42,500 | 0 | 0 | 42,500 |
| TRN-019-17 Acquisition of a Commercial Grade Parts Washer for the Maintenance Garage | 169 - Pay As You Go - Capital Reserve | 0 | 37,500 | 0 | 0 | 0 | 37,500 |
| TRN-021-17 Acquisition of Fleet Inspection Equipment to Support the Bus Rehabilitation Program | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 387,500 | 0 | 0 | 387,500 |
| Division: Transit Operations | | | | | | | |
| TRN-001-17 Transit Windsor - Building Maintenance | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 |
| TRN-002-17 Transit Maintenance - Safety Assessment at Transit Windsor Property | 169 - Pay As You Go - Capital Reserve | 0 | 180,000 | 0 | 0 | 0 | 180,000 |
| TRN-003-17 Transit Windsor - West End Terminal | 169 - Pay As You Go - Capital Reserve | 0 | 548,000 | 0 | 0 | 0 | 548,000 |
| TRN-020-17 Renovations and Enhancements to the Transportation Services Area | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 100,000 | 0 | 0 | 100,000 |
| Division: Transit Planning | | | | | | | |
| TRN-009-17 Restoration of Multiple Transit Windsor Pedestrian Shelters | 127 - Dev Chg - Transit | 20,000 | 20,000 | 20,000 | 20,000 | 0 | 80,000 |
| TRN-009-17 Restoration of Multiple Transit Windsor Pedestrian Shelters | 169 - Pay As You Go - Capital Reserve | 0 | 100,000 | 300,000 | 0 | 0 | 400,000 |

City of Windsor

Summary of Capital Budget by Funding Source

For Budget Year: 2018

| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total | |
|---|---------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| Division: Transit Sales & Customer Service | | | | | | | | |
| TRN-015-17 Expansion of Customer Service Parking to Support Increased Demand | 169 - Pay As You Go - Capital Reserve | 0 | 10,000 | 0 | 0 | 0 | 10,000 | |
| TRN-016-17 Renovations And Enhancements To Customer Service Area At The Main Transit Terminal | 169 - Pay As You Go - Capital Reserve | 0 | 20,000 | 0 | 0 | 0 | 20,000 | |
| Total for Division: Administration - Transit Windsor | | 4,520,000 | 4,708,000 | 3,880,500 | 3,883,000 | 5,370,000 | 5,370,000 | 27,731,500 |
| Total for Service Area: Office of the City Engineer (OCE) | | 70,138,080 | 70,832,759 | 67,478,694 | 77,115,242 | 71,971,400 | 71,507,910 | 429,044,085 |

City of Windsor

Summary of Capital Budget by Funding Source

For Budget Year: 2018

| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total | |
|--|---|----------------|---------------|---------------|------------------|----------------|---------------|------------------|
| Service Area: Office of the City Solicitor (OCS) | | | | | | | | |
| Department: Fire & Rescue | | | | | | | | |
| Division: Fire Operations | | | | | | | | |
| FRS-003-13 New Fire Headquarters - Station #1 | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 1,000,000 | 0 | 0 | 1,000,000 |
| FRS-007-18 Thermal Imaging Camera - Fire & Rescue Services | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 100,000 |
| Division: Fire Support Services | | | | | | | | |
| FRS-001-15 Fire & Rescue GPS Traffic Pre-emption Technology Infrastructure | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| FRS-001-18 Radio Service Monitor | 198- Pay As You Go Corporate Radios Reserve | 0 | 0 | 0 | 45,000 | 0 | 0 | 45,000 |
| FRS-002-07 Fire & Rescue Computer-aided Dispatch System (CRISYS) Upgrade | 170 - Pay As You Go - Leasing Reserve | 0 | 50,000 | 0 | 0 | 50,000 | 0 | 100,000 |
| FRS-002-16 Fire Engine Portable Hoists | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 80,000 | 0 | 0 | 80,000 |
| FRS-002-18 Breathing Air-Compressor Replacement | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 100,000 | 0 | 100,000 |
| FRS-003-16 Fire Education Materials, Displays & Equipment | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 20,000 | 0 | 0 | 0 | 20,000 |
| FRS-004-07 Firefighter Self-Contained Breathing Apparatus (SCBA) Replacement | 169 - Pay As You Go - Capital Reserve | 300,000 | 0 | 0 | 0 | 0 | 0 | 300,000 |
| FRS-004-18 Posichek Machine (SCBA tester) | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 25,000 | 0 | 25,000 |
| FRS-005-18 Shop Air-Compressor | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| FRS-006-18 Hoist Replacement | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| FRS-008-18 WFRS - Development of the Strategic Plan | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 30,000 | 0 | 30,000 |
| Total for Division: Fire Operations | | 300,000 | 50,000 | 20,000 | 1,125,000 | 255,000 | 50,000 | 1,800,000 |
| Department: Legal | | | | | | | | |
| Division: Legal, Real Estate & Risk Mgmt | | | | | | | | |
| ENG-005-16 2437 Howard Ave. Improvements Placeholder | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LGL-001-17 Former Marlborough Community Centre | 160 - Capital Expenditure Reserve | 0 | 0 | 0 | 0 | 60,000 | 0 | 60,000 |
| LGL-001-18 Corporate Space Needs | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

City of Windsor

Summary of Capital Budget by Funding Source

For Budget Year: 2018

| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
|--|---------------------------------------|------------------|----------------|------------------|----------------|---------------|------------------|
| LGL-002-17 Demolition of Transitional Buildings | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 |
| LGL-003-17 Confidential Property Related Matters - In-Camera Items | 169 - Pay As You Go - Capital Reserve | 1,000,000 | 100,000 | 3,950,000 | 500,000 | 0 | 5,550,000 |
| Total for Division: Legal, Real Estate & Risk Mgmt | | 1,000,000 | 100,000 | 3,950,000 | 500,000 | 60,000 | 5,610,000 |

Department: Planning & Building

Division: Administration - Planning & Building

| | | | | | | | |
|--|---------------------------------------|---------|---|---|---|---------|---------|
| PBG-003-18 Annexed Lands Growth/Development - Storm Water Charge Study | 153 - Sewer Surcharge | 150,000 | 0 | 0 | 0 | 0 | 150,000 |
| PBG-003-18 Annexed Lands Growth/Development - Storm Water Charge Study | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 670,000 | 670,000 |

Division: Development

| | | | | | | | |
|--|---------------------------------------|---------|---|---|---|---|---------|
| PBG-001-14 Alley Closing Subsidy Pilot Program | 169 - Pay As You Go - Capital Reserve | 790,000 | 0 | 0 | 0 | 0 | 790,000 |
|--|---------------------------------------|---------|---|---|---|---|---------|

Division: Policy & Design

| | | | | | | | |
|---|---------------------------------------|---------|---------|---------|---------|---------|---------|
| PBG-001-18 Official Plan Review | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 |
| PBG-002-14 Serviced Employment Lands/Shovel Ready Sites Program | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 50,000 | 0 | 50,000 |
| PBG-002-18 Comprehensive Zoning B-Law | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 250,000 | 250,000 |
| PLN-007-07 Growth Management Plan Review and Implementation | 169 - Pay As You Go - Capital Reserve | 0 | 100,000 | 0 | 0 | 0 | 100,000 |
| PLN-008-07 "Green Windsor" Protection and Funding Strategy | 169 - Pay As You Go - Capital Reserve | 0 | 80,000 | 0 | 0 | 0 | 80,000 |
| PLN-010-07 Heritage Preservation Study and Identification of Incentives | 7052 - TRANSFER From Capital Projects | 0 | 0 | 0 | 0 | 0 | 0 |
| PLN-010-07 Heritage Preservation Study and Identification of Incentives | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 435,000 | 0 | 435,000 |
| PLN-017-07 Business Improvement Area Assistance Program | 169 - Pay As You Go - Capital Reserve | 150,000 | 0 | 150,000 | 0 | 0 | 300,000 |

Division: Urban Design

| | | | | | | | |
|--|-----------------------------------|---|---|---|---------|---|---------|
| ECB-042-18 Theme Districting - Downtown, Sandwich, Walkerville, Riverside, Ford City, Asian Town | 160 - Capital Expenditure Reserve | 0 | 0 | 0 | 500,000 | 0 | 500,000 |
|--|-----------------------------------|---|---|---|---------|---|---------|

City of Windsor
Summary of Capital Budget by Funding Source

For Budget Year: 2018

| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total | |
|--|---------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| ECB-042-18 Theme Districting - Downtown, Sandwich, Walkerville, Riverside, Ford City, Asian Town | 169 - Pay As You Go - Capital Reserve | 0 | 175,000 | 234,000 | 196,000 | 300,000 | 3,595,000 | 4,500,000 |
| PLN-005-07 Planning & Building E-Plan & E-Permit Review and Implementation | 169 - Pay As You Go - Capital Reserve | 210,000 | 10,000 | 0 | 0 | 1,500,000 | 0 | 1,720,000 |
| PLN-012-07 City Centre Community Development Plan | 169 - Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PLN-018-07 Neighbourhood Studies and Design Guidelines | 169 - Pay As You Go - Capital Reserve | 0 | 100,000 | 100,000 | 25,000 | 0 | 0 | 225,000 |
| PLN-021-07 City Hall Square and Civic Esplanade | 169 - Pay As You Go - Capital Reserve | 0 | 500,000 | 258,000 | 300,000 | 500,000 | 0 | 1,558,000 |
| Total for Division: Administration - Planning & Building | | 1,300,000 | 965,000 | 742,000 | 1,506,000 | 3,220,000 | 3,595,000 | 11,328,000 |
| Total for Service Area: Office of the City Solicitor (OCS) | | 2,600,000 | 1,115,000 | 4,712,000 | 3,131,000 | 3,535,000 | 3,645,000 | 18,738,000 |

City of Windsor

Summary of Capital Budget by Funding Source

For Budget Year: 2018

| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|-------------------|
| 028 - Sewer Surcharge | 21,600,603 | 21,600,000 | 21,600,374 | 21,600,412 | 21,599,690 | 21,600,190 | 129,601,269 |
| 115 - Dev Chg - Roads & Related | 1,982,675 | 405,325 | 1,525,000 | 2,175,000 | 0 | 2,000,000 | 8,088,000 |
| 117 - Dev Chg - Storm & Drains | 980,000 | 100,000 | 725,000 | 100,000 | 0 | 0 | 1,905,000 |
| 121 - Dev Chg - General | 120,000 | 40,000 | 40,000 | 0 | 0 | 0 | 200,000 |
| 122 - Dev Chg - Library | 688,795 | 175,000 | 150,000 | 150,000 | 125,000 | 125,000 | 1,413,795 |
| 125 - Dev Chg - Indoor Recreation | 0 | 95,000 | 95,000 | 95,000 | 95,000 | 5,000 | 385,000 |
| 127 - Dev Chg - Transit | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | 120,000 |
| Total Development Charges Reserves | 3,791,470 | 835,325 | 2,555,000 | 2,540,000 | 240,000 | 2,150,000 | 12,111,795 |
| 135 - Willistead Improvements | 0 | 0 | 100,000 | 0 | 0 | 0 | 100,000 |
| 136 - Equipment Replacement | 1,574,000 | 2,806,000 | 2,195,000 | 1,197,000 | 2,028,000 | 1,955,000 | 11,755,000 |
| 138 - Off Street Parking | 420,000 | 900,000 | 1,000,000 | 1,500,000 | 1,000,000 | 1,000,000 | 5,820,000 |
| 151 - Land Acquisitions - O/T Highways | 0 | 0 | 1,000,000 | 1,550,000 | 250,000 | 0 | 2,800,000 |
| 153 - Sewer Surcharge | 2,392,673 | 225,000 | 75,000 | 0 | 0 | 0 | 2,692,673 |
| 163 - Fire Major Equipment | 47,000 | 0 | 52,000 | 58,000 | 2,775,000 | 116,000 | 3,048,000 |
| 165 - Lakeview Park Marina | 0 | 0 | 55,000 | 100,000 | 0 | 0 | 155,000 |
| 170 - Pay As You Go - Leasing Reserve | 0 | 50,000 | 0 | 0 | 50,000 | 0 | 100,000 |
| 183 - Police Fleet | 1,268,000 | 1,268,000 | 1,268,000 | 1,268,000 | 1,268,000 | 1,268,000 | 7,608,000 |
| 195 - Police Equipment Reserve | 1,375,000 | 920,000 | 885,000 | 325,000 | 545,000 | 375,000 | 4,425,000 |
| 197 - Off Road Fleet Replacement | 617,000 | 272,000 | 733,000 | 648,000 | 591,000 | 413,000 | 3,274,000 |
| 198- Pay As You Go Corporate Radios Reserve | 0 | 0 | 0 | 3,145,000 | 3,100,000 | 0 | 6,245,000 |
| 208-Pollution Control Reserve | 4,950,000 | 7,385,000 | 2,800,000 | 5,575,000 | 3,875,000 | 3,783,000 | 28,368,000 |
| 209-WIATC Capital Maintenance Rve | 75,000 | 0 | 0 | 0 | 0 | 0 | 75,000 |
| 7052 - TRANSFER From Capital Projects | 1,155,000 | 0 | 0 | 0 | 0 | 0 | 1,155,000 |
| Total Other Reserves | 13,873,673 | 13,826,000 | 10,163,000 | 15,366,000 | 15,482,000 | 8,910,000 | 77,620,673 |
| 160 - Capital Expenditure Reserve | 3,013,000 | 3,020,000 | 3,000,000 | 3,000,000 | 3,000,000 | 3,000,000 | 18,033,000 |
| 169 - Pay As You Go - Capital Reserve | 35,744,097 | 53,554,862 | 53,554,584 | 53,555,395 | 53,554,884 | 53,555,216 | 303,519,038 |

City of Windsor
Summary of Capital Budget by Funding Source

For Budget Year: 2018

| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
|---|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| 176 - Federal Gas Tax Rebate | 13,801,160 | 13,434,090 | 13,433,516 | 13,434,000 | 13,434,000 | 13,434,000 | 80,970,766 |
| Total Special Reserves | 52,558,257 | 70,008,952 | 69,988,100 | 69,989,395 | 69,988,884 | 69,989,216 | 402,522,804 |
| 6310 - Ontario Specific Grants | 375,000 | 0 | 0 | 0 | 0 | 0 | 375,000 |
| 6320 - Canada Specific Grants | 550,000 | 275,000 | 393,300 | 168,750 | 0 | 0 | 1,387,050 |
| 6340 - Net County Cost | 752,800 | 696,102 | 0 | 102,130 | 3,141,855 | 1,740,256 | 6,433,143 |
| 6735 - Recovery Of Expenses EXTERNAL | 576,709 | 375,000 | 362,500 | 380,720 | 225,000 | 75,000 | 1,994,929 |
| 6955 - Proceeds - Disposal of TCA | 500,000 | 0 | 0 | 0 | 0 | 0 | 500,000 |
| 6990 - Other General Revenue | 41,000 | 2,896,000 | 3,063,000 | 0 | 0 | 0 | 6,000,000 |
| Total Subsidies/Recoveries | 2,795,509 | 4,242,102 | 3,818,800 | 651,600 | 3,366,855 | 1,815,256 | 16,690,122 |
| Total Capital Budget (6-Year Plan) | 94,619,512 | 110,512,379 | 108,125,274 | 110,147,407 | 110,677,429 | 104,464,662 | 638,546,663 |

2018 Approved Capital Budget



Section E:

Summary of Growth vs. Maintenance Related Projects
(Gross Expenditure Level)

City of Windsor

Summary of Growth vs. Maintenance Related Projects (Gross Expenditure Level)

For Budget Year 2018

| | Maintenance /Growth | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
|---|------------------------|----------------|----------------|----------------|------------------|----------------|----------------|-----------|
| Non-Tangible Capital Asset | | | | | | | | |
| Service Area: Agencies, Boards & Committees | | | | | | | | |
| Department: Windsor Airport | | | | | | | | |
| Division: Windsor-Airport | | | | | | | | |
| ECP-046-07 - Airport Capital Improvements | Maintenance | 140,000 | 345,000 | 380,000 | 380,000 | 300,000 | 195,000 | 1,740,000 |
| Department: Windsor Police Services | | | | | | | | |
| Division: Administration - Police | | | | | | | | |
| POL-007-13 - Windsor Police Service Business Intelligence Technology and Processes Improvements | Growth | 0 | 0 | 0 | 500,000 | 0 | 0 | 500,000 |
| POL-013-14 - Windsor Police Service - In-camera Item #15 | Growth | 200,000 | 0 | 0 | 0 | 0 | 0 | 200,000 |
| POL-003-14 - Windsor Police Service - In-camera Item #3 | Maintenance | 0 | 0 | 100,000 | 0 | 0 | 0 | 100,000 |
| POL-004-16 - Windsor Police Service - In-camera Item #6 | Maintenance | 0 | 50,000 | 50,000 | 50,000 | 100,000 | 100,000 | 350,000 |
| POL-007-14 - Windsor Police Service - In-camera Item #9 | Maintenance | 220,000 | 155,000 | 125,000 | 125,000 | 125,000 | 125,000 | 875,000 |
| Total for Service Area: Agencies, Boards & Committees | | 560,000 | 550,000 | 655,000 | 1,055,000 | 525,000 | 420,000 | |
| Growth Percent: | | 35.7 % | 0.0 % | 0.0 % | 47.4 % | 0.0 % | 0.0 % | |
| Maintenance Percent: | | 64.3 % | 100.0 % | 100.0 % | 52.6 % | 100.0 % | 100.0 % | |

| | | | | | | | | |
|--|-------------|--------------|--------------|--------------|--------------|----------------|--------------|----------------|
| Service Area: City Council & Mayor's Office | | | | | | | | |
| Department: Mayor's Office | | | | | | | | |
| Division: Administration - Mayor's Office | | | | | | | | |
| MAY-002-17 - 2022 Can-Am Police-Fire Games Bid | Maintenance | 0 | 0 | 0 | 0 | 580,000 | 0 | 580,000 |
| Total for Service Area: City Council & Mayor's Office | | 0 | 0 | 0 | 0 | 580,000 | 0 | 580,000 |
| Growth Percent: | | 0.0 % | 0.0 % | 0.0 % | 0.0 % | 0.0 % | 0.0 % | 0.0 % |
| Maintenance Percent: | | 0.0 % | 0.0 % | 0.0 % | 0.0 % | 100.0 % | 0.0 % | 100.0 % |

| | | | | | | | | |
|---|-------------|-----------|-----------|---|---------|-----------|-----------|------------|
| Service Area: Community Dev. & Health Commissioner | | | | | | | | |
| Department: Housing & Children Services | | | | | | | | |
| Division: Housing Services | | | | | | | | |
| HCS-001-07 - Social Housing Reserve Fund | Maintenance | 0 | 2,000,000 | 0 | 0 | 5,000,000 | 5,000,000 | 12,000,000 |
| HCS-001-14 - Windsor Essex Community Housing Corporation Capital Improvements | Maintenance | 2,252,800 | 0 | 0 | 305,630 | 4,198,099 | 0 | 6,756,529 |

City of Windsor

Summary of Growth vs. Maintenance Related Projects (Gross Expenditure Level)

For Budget Year 2018

| | Maintenance /Growth | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
|---|--------------------------------|------------------|------------------|--------------|----------------|------------------|------------------|-------------------|
| Department: Huron Lodge | | | | | | | | |
| Division: Nursing & Personal Care | | | | | | | | |
| HLD-001-11 - Huron Lodge Wireless Technology Implementation | Maintenance | 0 | 78,000 | 0 | 0 | 0 | 0 | 78,000 |
| HLD-002-15 - Huron Lodge Resident Monitoring & Nurse Bedside Call System | Maintenance | 100,000 | 25,000 | 0 | 20,000 | 0 | 100,000 | 245,000 |
| Division: Nutrition & Dietary Services | | | | | | | | |
| HLD-006-15 - Huron Lodge Dietary Management System Upgrades | Growth | 0 | 65,000 | 0 | 0 | 75,000 | 105,000 | 245,000 |
| HLD-001-17 - Huron Lodge Dietary Servery Updates and Equipment Replacement | Maintenance | 0 | 0 | 0 | 35,000 | 35,000 | 35,000 | 105,000 |
| HLD-004-15 - Huron Lodge Refrigeration and Freezer Equipment Replacement | Maintenance | 80,000 | 0 | 0 | 0 | 175,000 | 0 | 255,000 |
| Division: Program Services | | | | | | | | |
| HLD-002-12 - Huron Lodge Cooking and Food Preparation Equipment Replacement Program | Maintenance | 40,000 | 40,000 | 0 | 40,000 | 40,000 | 40,000 | 200,000 |
| Division: Resident Services | | | | | | | | |
| HLD-002-17 - Huron Lodge Resident Services Equipment Replacement | Maintenance | 0 | 0 | 0 | 124,500 | 50,000 | 0 | 174,500 |
| Total for Service Area: Community Dev. & Health Commissioner | | 2,472,800 | 2,208,000 | 0 | 525,130 | 9,573,099 | 5,280,000 | 20,059,029 |
| Growth Percent: | | 0.0 % | 2.9 % | 0.0 % | 0.0 % | 0.8 % | 2.0 % | 1.2 % |
| Maintenance Percent: | | 100.0 % | 97.1 % | 0.0 % | 100.0 % | 99.2 % | 98.0 % | 98.8 % |

Service Area: Office of Parks, Rec., Culture & Facilities

Department: Parks & Facilities

Division: Facility Operations

| | | | | | | | | |
|--|-------------|---------|---------|---------|---------|---------|---------|----------------|
| ENG-009-17 - Festival Plaza - Facility Requirements | Growth | 0 | 0 | 0 | 0 | 50,000 | 0 | 50,000 |
| PFO-001-12 - Corporate Properties Security Systems and Infrastructure | Growth | 50,000 | 50,000 | 50,000 | 75,000 | 75,000 | 75,000 | 375,000 |
| PFO-004-14 - Facilities Operations Business Process Improvements | Growth | 0 | 0 | 50,000 | 0 | 0 | 0 | 50,000 |
| ENG-004-16 - Corporate Facilities Access Protocols | Maintenance | 75,000 | 150,000 | 50,000 | 0 | 0 | 0 | 275,000 |
| ENG-006-17 - Windsor International Aquatic Training Centre – Ongoing Capital Maintenance | Maintenance | 75,000 | 200,000 | 0 | 0 | 150,000 | 150,000 | 575,000 |
| ENG-007-17 - Facility Maintenance Equipment Program | Maintenance | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 100,000 |
| ENG-008-17 - Generator & Fuel Storage Upgrades | Maintenance | 175,000 | 45,000 | 0 | 0 | 0 | 0 | 220,000 |
| HCP-001-10 - Corporate Facilities Water Backflow Prevention Program | Maintenance | 0 | 0 | 300,000 | 0 | 100,000 | 0 | 400,000 |
| HCP-002-09 - Fire Hall Capital Refurbishment Program | Maintenance | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 900,000 |
| HCP-005-08 - Corporate Facilities Paving Program | Maintenance | 150,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 650,000 |
| HCP-010-07 - Willistead Complex Capital Improvements | Maintenance | 0 | 0 | 0 | 0 | 150,000 | 50,000 | 200,000 |
| OPS-007-07 - Operations Facilities Improvements | Maintenance | 373,360 | 490,720 | 25,000 | 25,000 | 25,000 | 25,000 | 964,080 |

City of Windsor

Summary of Growth vs. Maintenance Related Projects (Gross Expenditure Level)

For Budget Year 2018

| | | | | | | | | |
|---|-------------|---------|---------|------------------|------------------|------------------|------------------|-------------------|
| PFO-002-12 - Facility Structural & Building Envelope Maintenance Program | Maintenance | 50,000 | 100,000 | 50,000 | 50,000 | 50,000 | 50,000 | 350,000 |
| PFO-002-18 - Facility & Parks Building Demolitions | Maintenance | 55,000 | 0 | 0 | 0 | 100,000 | 100,000 | 255,000 |
| PFO-003-14 - Corporate Facilities Boiler Replacement Program | Maintenance | 0 | 89,500 | 0 | 0 | 0 | 0 | 89,500 |
| PFO-004-12 - Corporate Facilities Building Condition Assessments | Maintenance | 0 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 250,000 |
| PFO-009-11 - Corporate Heating & Cooling Replacement/Repair Program | Maintenance | 450,000 | 500,000 | 500,000 | 100,000 | 150,000 | 100,000 | 1,800,000 |
| PFO-010-11 - Corporate Facilities Flooring and Finishes Replacement Program | Maintenance | 100,000 | 260,000 | 100,000 | 100,000 | 100,000 | 100,000 | 760,000 |
| PFO-014-07 - Corporate Facilities Health & Safety Compliance Upgrades | Maintenance | 150,000 | 100,000 | 100,000 | 100,000 | 150,000 | 150,000 | 750,000 |
| REC-005-07 - Corporate Arena Refurbishments | Maintenance | 635,000 | 250,000 | 280,000 | 250,000 | 375,000 | 200,000 | 1,990,000 |
| REC-006-07 - Mackenzie Hall Repair and Maintenance | Maintenance | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 100,000 |
| Division: Forestry | | | | | | | | |
| PFO-007-11 - Tree Maintenance Backlog | Maintenance | 710,000 | 500,000 | 500,000 | 500,000 | 500,000 | 500,000 | 3,210,000 |
| Division: Parks Development | | | | | | | | |
| PFO-014-12 - Park Community Partnership Initiatives | Growth | 0 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 125,000 |
| PFO-015-12 - Parks Master Plan | Growth | 0 | 0 | 0 | 0 | 12,500 | 0 | 12,500 |
| PFO-011-12 - Beautification of Civic Gateways and Other Open Spaces | Maintenance | 0 | 0 | 0 | 0 | 500,000 | 1,500,000 | 2,000,000 |
| PFO-015-12 - Parks Master Plan | Maintenance | 0 | 0 | 0 | 0 | 37,500 | 50,000 | 87,500 |
| Department: Recreation & Culture | | | | | | | | |
| Division: Admin - Recreation & Culture | | | | | | | | |
| ECB-038-18 - Windsor International Film Festival (WIFF) | Growth | 0 | 0 | 250,000 | 0 | 0 | 0 | 250,000 |
| ECB-043-18 - Recreation Master Plan | Maintenance | 0 | 200,000 | 0 | 0 | 0 | 0 | 200,000 |
| Division: Community Centres & Programming | | | | | | | | |
| REC-001-08 - The WFCU Centre Transitional Budget | Growth | 0 | 0 | 0 | 0 | 400,000 | 0 | 400,000 |
| REC-004-07 - Recreation Facility Refurbishment Program | Maintenance | 0 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 250,000 |
| Division: Cultural Affairs | | | | | | | | |
| REC-001-18 - Monument and Memorial Capital Repairs | Maintenance | 0 | 0 | 0 | 0 | 75,000 | 75,000 | 150,000 |
| Division: Recreation Facilities | | | | | | | | |
| HCP-011-07 - Willstead Complex Restoration Improvements | Maintenance | 0 | 0 | 100,000 | 0 | 0 | 0 | 100,000 |
| | | | | 2,730,000 | 1,575,000 | 3,475,000 | 3,600,000 | 17,888,580 |

Growth Percent:

Service Area: **Office of the CAO**

Department: **CAO's Office**

Division: **Administration - CAO's Office**

| | | | | | | | | |
|--|--------|---|-----------|-----------|---|---|---|-------------------|
| CAO-001-16 - City Contribution Placeholder for Transfer of Paul Martin Bldg. | Growth | 0 | 7,500,000 | 7,500,000 | 0 | 0 | 0 | 15,000,000 |
|--|--------|---|-----------|-----------|---|---|---|-------------------|

City of Windsor

Summary of Growth vs. Maintenance Related Projects (Gross Expenditure Level)

For Budget Year 2018

to University of Windsor

| | | | | | | | | |
|---|--------|---|---|---|---|---|-----------|------------------|
| CAO-002-18 - New Windsor-Essex Hospital System Plan | Growth | 0 | 0 | 0 | 0 | 0 | 6,900,000 | 6,900,000 |
|---|--------|---|---|---|---|---|-----------|------------------|

| | | | | | | | | |
|--|--|------------------|----------|----------|------------------|--|--|--|
| | | 7,500,000 | 0 | 0 | 6,900,000 | | | |
|--|--|------------------|----------|----------|------------------|--|--|--|

Growth Percent:

Service Area: Office of the CFO

Department: Finance

Division: Administration - Finance

| | | | | | | | | |
|--|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|
| FIN-009-15 - Capital Reserve Replenishment Allocation | Growth | 3,210,000 | 3,210,000 | 3,210,000 | 3,210,000 | 3,210,000 | 3,210,000 | 19,260,000 |
| FIN-006-16 - (Legislated) Liability for Contaminated Sites | Maintenance | 0 | 0 | 0 | 0 | 100,000 | 0 | 100,000 |

Division: Asset Planning

| | | | | | | | | |
|--|-------------|--------|---------|--------|---------|---|--------|----------------|
| FIN-003-15 - Corporate Wide Facilities Lighting Sensors and Timers | Growth | 55,000 | 0 | 5,000 | 0 | 0 | 0 | 60,000 |
| ECB-044-18 - Financing Charges | Maintenance | 20,000 | 0 | 64,000 | 0 | 0 | 75,000 | 159,000 |
| FIN-003-14 - Energy Efficiency Engineering Studies for Arenas | Maintenance | 0 | 200,000 | 0 | 0 | 0 | 0 | 200,000 |
| FIN-004-15 - 400 City Hall Square Energy Efficiency Upgrades | Maintenance | 0 | 0 | 0 | 100,000 | 0 | 0 | 100,000 |
| FIN-006-15 - Transit Windsor Installation of NOx and CO Sensors | Maintenance | 60,000 | 0 | 2,000 | 0 | 0 | 0 | 62,000 |

Division: Financial Planning

| | | | | | | | | |
|---|--------|---------|--------|--------|---|---|---|----------------|
| FIN-001-14 - Development Charges Study and Bylaw Update | Growth | 120,000 | 40,000 | 40,000 | 0 | 0 | 0 | 200,000 |
|---|--------|---------|--------|--------|---|---|---|----------------|

Department: Information Technology

Division: Administration - Info. Tech.

| | | | | | | | | |
|--|--------|---|---------|---------|---------|---------|---------|------------------|
| ITC-001-08 - Information Technology Business Continuity Improvements | Growth | 0 | 0 | 100,000 | 100,000 | 200,000 | 150,000 | 550,000 |
| ITC-007-07 - Corporate Intranet Redesign & Internet Accessibility Improvements | Growth | 0 | 850,000 | 0 | 0 | 850,000 | 0 | 1,700,000 |

Division: Enterprise Systems

| | | | | | | | | |
|---|-------------|---------|---------|---------|---------|---------|---------|------------------|
| ITC-008-07 - Corporate Enterprise Resource Planning (ERP) System Improvements | Growth | 0 | 237,500 | 125,000 | 0 | 0 | 0 | 362,500 |
| ITC-011-07 - AMANDA Information System Upgrades and Improvements | Growth | 50,000 | 87,500 | 50,000 | 50,000 | 75,000 | 50,000 | 362,500 |
| ITC-008-07 - Corporate Enterprise Resource Planning (ERP) System Improvements | Maintenance | 0 | 237,500 | 125,000 | 250,000 | 250,000 | 250,000 | 1,112,500 |
| ITC-011-07 - AMANDA Information System Upgrades and Improvements | Maintenance | 150,000 | 262,500 | 150,000 | 150,000 | 225,000 | 150,000 | 1,087,500 |

Division: Technology Infrastructure

| | | | | | | | | |
|--|--------|---|---|---------|---------|---------|---|----------------|
| ITC-001-18 - Online Access for Non-Network Users | Growth | 0 | 0 | 250,000 | 200,000 | 100,000 | 0 | 550,000 |
|--|--------|---|---|---------|---------|---------|---|----------------|

| | | | | | | | | |
|--|--|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Total for Service Area: Office of the CFO | | 3,665,000 | 5,125,000 | 4,121,000 | 4,060,000 | 5,010,000 | 3,885,000 | 25,866,000 |
|--|--|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|

| | | | | | | | | |
|------------------------|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Growth Percent: | | 93.7 % | 86.3 % | 91.7 % | 87.7 % | 88.5 % | 87.8 % | 89.1 % |
|------------------------|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|

| | | | | | | | | |
|-----------------------------|--|--------------|---------------|--------------|---------------|---------------|---------------|---------------|
| Maintenance Percent: | | 6.3 % | 13.7 % | 8.3 % | 12.3 % | 11.5 % | 12.2 % | 10.9 % |
|-----------------------------|--|--------------|---------------|--------------|---------------|---------------|---------------|---------------|

City of Windsor

Summary of Growth vs. Maintenance Related Projects (Gross Expenditure Level)

For Budget Year 2018

Service Area: Office of the City Clerk

Department: Human Resources

Division: Administration - Human Resources

| | | | | | | | | |
|---|-------------|---|---|---------|---------|---------|---|----------------|
| HCP-001-07 - Accessibility - ODA Compliance | Growth | 0 | 0 | 100,000 | 100,000 | 100,000 | 0 | 300,000 |
| HRS-002-09 - Accessibility - AODA Standard Training, Materials and Outreach | Growth | 0 | 0 | 16,250 | 0 | 0 | 0 | 16,250 |
| HRS-002-11 - Corporate Employee Online Training Programs | Growth | 0 | 0 | 0 | 20,000 | 0 | 0 | 20,000 |
| HRS-002-09 - Accessibility - AODA Standard Training, Materials and Outreach | Maintenance | 0 | 0 | 58,250 | 0 | 0 | 0 | 58,250 |

Division: Occupational H&S & Wellness

| | | | | | | | | |
|---|-------------|--------|--------|--------|--------|---|---|---------------|
| HRS-002-08 - Corporate Health and Safety Program - Assessments and Upgrades | Maintenance | 10,000 | 10,000 | 10,000 | 10,000 | 0 | 0 | 40,000 |
|---|-------------|--------|--------|--------|--------|---|---|---------------|

Department: Windsor Public Library

Division: Administration - Library

| | | | | | | | | |
|---|-------------|---------|---------|---------|---------|---------|---------|----------------|
| WPL-001-14 - Windsor Public Library Mobile Unit/Materials Acquisition | Growth | 175,000 | 175,000 | 150,000 | 150,000 | 0 | 0 | 650,000 |
| WPL-001-17 - Library Refurbishments | Maintenance | 0 | 0 | 0 | 25,844 | 89,180 | 33,752 | 148,776 |
| WPL-002-09 - Budimir Library Renovation/Expansion | Maintenance | 0 | 0 | 0 | 0 | 50,000 | 0 | 50,000 |
| WPL-002-18 - Material Acquisitions | Maintenance | 0 | 0 | 0 | 0 | 125,000 | 125,000 | 250,000 |
| WPL-009-11 - Windsor Public Library Facility Refurbishments | Maintenance | 0 | 0 | 0 | 45,500 | 0 | 0 | 45,500 |

| | | | | | | | |
|---|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Total for Service Area: Office of the City Clerk | 185,000 | 185,000 | 334,500 | 351,344 | 364,180 | 158,752 | 1,578,776 |
|---|----------------|----------------|----------------|----------------|----------------|----------------|------------------|

| | | | | | | | |
|------------------------|---------------|---------------|---------------|---------------|---------------|--------------|---------------|
| Growth Percent: | 94.6 % | 94.6 % | 79.6 % | 76.8 % | 27.5 % | 0.0 % | 62.5 % |
|------------------------|---------------|---------------|---------------|---------------|---------------|--------------|---------------|

| | | | | | | | |
|-----------------------------|--------------|--------------|---------------|---------------|---------------|----------------|---------------|
| Maintenance Percent: | 5.4 % | 5.4 % | 20.4 % | 23.2 % | 72.5 % | 100.0 % | 37.5 % |
|-----------------------------|--------------|--------------|---------------|---------------|---------------|----------------|---------------|

Service Area: Office of the City Engineer

Department: Engineering

Division: Development, Projects & Right of Way

| | | | | | | | | |
|---|-------------|--------|---------|---------|---------|---------|---------|------------------|
| ECP-012-07 - South Cameron/South Windsor Planning District Infrastructure Improvements | Growth | 0 | 0 | 200,000 | 0 | 0 | 0 | 200,000 |
| ECP-041-07 - New Infrastructure Development - Oversizing Infrastructure (Developer-related) | Growth | 22,500 | 755,000 | 0 | 272,500 | 800,000 | 300,000 | 2,150,000 |
| ECP-009-08 - Corporate Properties Site Assessments/Clean-ups/Demolitions | Maintenance | 0 | 0 | 200,000 | 200,000 | 200,000 | 0 | 600,000 |

Division: Infrastructure & Geomatics

| | | | | | | | | |
|---|--------|---------|---------|---------|---------|---------|---------|----------------|
| ECP-004-09 - Stormwater and Sanitary Master Plan Development | Growth | 562,500 | 0 | 0 | 0 | 62,500 | 62,500 | 687,500 |
| ECP-005-10 - Local Improvement Program - Road Rehabilitation | Growth | 0 | 250,000 | 200,000 | 200,000 | 200,000 | 0 | 850,000 |
| ECP-030-07 - Riverside Flood Abatement Initiatives - Capital Improvements to Existing Trunk Sewer | Growth | 0 | 250,000 | 250,000 | 0 | 0 | 0 | 500,000 |
| ENG-002-17 - Bus Bay Program | Growth | 0 | 0 | 0 | 0 | 100,000 | 100,000 | 200,000 |
| ENG-003-17 - New Streetlights on Collectors and Arterials | Growth | 0 | 0 | 0 | 0 | 100,000 | 100,000 | 200,000 |

City of Windsor

Summary of Growth vs. Maintenance Related Projects (Gross Expenditure Level)

For Budget Year 2018

| | | | | | | | | |
|--|-------------|---------|---------|---------|---------|-----------|---------|------------------|
| ECP-004-08 - Municipal Drains Capital Improvement Program | Maintenance | 200,000 | 0 | 200,000 | 200,000 | 250,000 | 250,000 | 1,100,000 |
| ECP-004-09 - Stormwater and Sanitary Master Plan Development | Maintenance | 187,500 | 0 | 0 | 0 | 187,500 | 187,500 | 562,500 |
| ECP-008-07 - Pedestrian Safety Improvements | Maintenance | 0 | 100,000 | 0 | 0 | 100,000 | 0 | 200,000 |
| ENG-015-17 - Sewer Rehabilitation - Mount Carmel - Cabana to Lennon Drain | Maintenance | 783,000 | 0 | 0 | 0 | 0 | 0 | 783,000 |
| ENG-016-17 - Campbell/University Area Storm Drainage - Environmental Assessment/Master Plan | Maintenance | 100,000 | 0 | 0 | 0 | 0 | 0 | 100,000 |
| ENG-017-17 - Pontiac Pumping Station - Capacity Study | Maintenance | 62,500 | 0 | 0 | 0 | 0 | 0 | 62,500 |
| ENG-018-17 - St. Paul Pumping Station - Capacity Study | Maintenance | 62,500 | 0 | 0 | 0 | 0 | 0 | 62,500 |
| Division: Pollution Control | | | | | | | | |
| ENG-012-17 - ESR for Riverfront CSO Downstream of CMH Woods Pump Station/LRWRP Wet Weather Flows | Maintenance | 300,000 | 0 | 0 | 0 | 0 | 0 | 300,000 |
| ENG-013-17 - Malden Landfill Gas Migration | Maintenance | 0 | 460,000 | 0 | 0 | 0 | 0 | 460,000 |
| ENG-020-17 - LRWRP Dry Well Reliability Issues | Maintenance | 87,500 | 0 | 0 | 0 | 0 | 0 | 87,500 |
| ENG-021-17 - Maplewood Pumping Station - Odour Control System | Maintenance | 137,500 | 0 | 0 | 0 | 0 | 0 | 137,500 |
| ENG-022-17 - LRWRP Back Wash Tanks | Maintenance | 187,500 | 0 | 0 | 0 | 0 | 0 | 187,500 |
| Department: Public Works | | | | | | | | |
| Division: Contracts, Field Services & Maintenance | | | | | | | | |
| OPS-005-07 - Railway Lands Fencing | Growth | 100,000 | 100,000 | 0 | 0 | 100,000 | 100,000 | 400,000 |
| OPS-001-11 - Minor Alley Maintenance Program | Maintenance | 100,000 | 200,000 | 100,000 | 100,000 | 1,100,000 | 250,000 | 1,850,000 |
| OPS-019-17 - Storm & Waste - Data Acquisition | Maintenance | 282,500 | 0 | 0 | 0 | 0 | 0 | 282,500 |
| OPS-029-18 - Curb Replacement Program | Maintenance | 0 | 0 | 0 | 0 | 600,000 | 0 | 600,000 |
| Division: Fleet | | | | | | | | |
| OPS-005-16 - FleetFocus Web Migration | Growth | 0 | 0 | 0 | 0 | 35,000 | 0 | 35,000 |
| OPS-027-18 - Greening the Fleet | Growth | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 100,000 |
| OPS-002-16 - Corporate Fuel Site Automation Initiatives | Maintenance | 0 | 0 | 0 | 50,000 | 50,000 | 50,000 | 150,000 |
| Division: Traffic Ops, Parking & Trans. Planning | | | | | | | | |
| OPS-001-18 - School Neighbourhood Policy | Growth | 0 | 0 | 0 | 0 | 150,000 | 150,000 | 300,000 |
| OPS-009-07 - Transportation Planning Environmental Study Reports (ESRs) | Growth | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 150,000 |
| OPS-014-07 - Citywide Bikeway Development Initiatives | Growth | 500,000 | 600,000 | 600,000 | 600,000 | 200,000 | 200,000 | 2,700,000 |
| OPS-021-07 - Traffic Calming Initiatives | Growth | 0 | 169,000 | 106,000 | 0 | 0 | 0 | 275,000 |
| OPS-007-16 - Cabana Rd. Pavement Markings | Maintenance | 0 | 0 | 110,000 | 0 | 0 | 0 | 110,000 |
| OPS-009-07 - Transportation Planning Environmental Study Reports (ESRs) | Maintenance | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 | 450,000 |
| Department: Transit Windsor | | | | | | | | |
| Division: Administration - Transit Windsor | | | | | | | | |
| TRN-005-17 - Transit Windsor Service Delivery Review and Project Management | Growth | 0 | 175,000 | 50,000 | 0 | 0 | 0 | 225,000 |
| TRN-008-17 - Transit Windsor Fare Structure Review | Growth | 0 | 0 | 20,000 | 0 | 0 | 0 | 20,000 |
| TRN-003-07 - Transit Windsor Customer Service Improvements - | Maintenance | 0 | 0 | 0 | 0 | 20,000 | 20,000 | 40,000 |

City of Windsor

Summary of Growth vs. Maintenance Related Projects (Gross Expenditure Level)

For Budget Year 2018

Shelters/Signage/Amenities

| | | | | | | | | |
|---|-------------|---|---|---|--------|--------|--------|----------------|
| TRN-004-07 - Transit Windsor Master Plan Implementation | Maintenance | 0 | 0 | 0 | 50,000 | 50,000 | 50,000 | 150,000 |
|---|-------------|---|---|---|--------|--------|--------|----------------|

Division: Transit Maintenance

| | | | | | | | | |
|---|-------------|---|---|---|---------|---------|---------|----------------|
| TRN-002-08 - Transit Windsor Fleet Structural Repairs | Maintenance | 0 | 0 | 0 | 302,500 | 200,000 | 200,000 | 702,500 |
|---|-------------|---|---|---|---------|---------|---------|----------------|

| | | | | | | | | |
|--|-------------|---|--------|---|---|---|---|---------------|
| TRN-002-13 - Transit Windsor Fuel System Improvements Initiative | Maintenance | 0 | 55,000 | 0 | 0 | 0 | 0 | 55,000 |
|--|-------------|---|--------|---|---|---|---|---------------|

Division: Transit Operations

| | | | | | | | | |
|--|-------------|---|---------|---|---|---|---|----------------|
| TRN-002-17 - Transit Maintenance - Safety Assessment at Transit Windsor Property | Maintenance | 0 | 180,000 | 0 | 0 | 0 | 0 | 180,000 |
|--|-------------|---|---------|---|---|---|---|----------------|

| | | | | | |
|--|------------------|------------------|------------------|------------------|-------------------|
| | 2,136,000 | 2,075,000 | 4,655,000 | 2,170,000 | 18,205,500 |
|--|------------------|------------------|------------------|------------------|-------------------|

Growth Percent:

Service Area: **Office of the City Solicitor**

Department: **Fire & Rescue**

Division: **Fire Support Services**

| | | | | | | | | |
|---|--------|---|---|---|---|--------|---|---------------|
| FRS-008-18 - WFRS - Development of the Strategic Plan | Growth | 0 | 0 | 0 | 0 | 30,000 | 0 | 30,000 |
|---|--------|---|---|---|---|--------|---|---------------|

| | | | | | | | | |
|---|-------------|---|---|--------|---|---|---|---------------|
| FRS-003-16 - Fire Education Materials, Displays & Equipment | Maintenance | 0 | 0 | 20,000 | 0 | 0 | 0 | 20,000 |
|---|-------------|---|---|--------|---|---|---|---------------|

Department: **Planning & Building**

Division: **Administration - Planning & Building**

| | | | | | | | | |
|--|--------|---------|---|---|---|---------|---|----------------|
| PBG-003-18 - Annexed Lands Growth/Development - Storm Water Charge Study | Growth | 150,000 | 0 | 0 | 0 | 670,000 | 0 | 820,000 |
|--|--------|---------|---|---|---|---------|---|----------------|

Division: **Development**

| | | | | | | | | |
|--|-------------|---------|---|---|---|---|---|----------------|
| PBG-001-14 - Alley Closing Subsidy Pilot Program | Maintenance | 790,000 | 0 | 0 | 0 | 0 | 0 | 790,000 |
|--|-------------|---------|---|---|---|---|---|----------------|

Division: **Policy & Design**

| | | | | | | | | |
|---|--------|---|---|---|--------|---|---|---------------|
| PBG-002-14 - Serviced Employment Lands/Shovel Ready Sites Program | Growth | 0 | 0 | 0 | 50,000 | 0 | 0 | 50,000 |
|---|--------|---|---|---|--------|---|---|---------------|

| | | | | | | | | |
|---|--------|---|---------|---|---|---|---|----------------|
| PLN-007-07 - Growth Management Plan Review and Implementation | Growth | 0 | 100,000 | 0 | 0 | 0 | 0 | 100,000 |
|---|--------|---|---------|---|---|---|---|----------------|

| | | | | | | | | |
|--|--------|---|--------|---|---|---|---|---------------|
| PLN-008-07 - "Green Windsor" Protection and Funding Strategy | Growth | 0 | 80,000 | 0 | 0 | 0 | 0 | 80,000 |
|--|--------|---|--------|---|---|---|---|---------------|

| | | | | | | | | |
|---|--------|---|---|---|---------|---|---|----------------|
| PLN-010-07 - Heritage Preservation Study and Identification of Incentives | Growth | 0 | 0 | 0 | 435,000 | 0 | 0 | 435,000 |
|---|--------|---|---|---|---------|---|---|----------------|

| | | | | | | | | |
|---|--------|--------|---|--------|---|---|---|---------------|
| PLN-017-07 - Business Improvement Area Assistance Program | Growth | 37,000 | 0 | 37,000 | 0 | 0 | 0 | 74,000 |
|---|--------|--------|---|--------|---|---|---|---------------|

| | | | | | | | | |
|---|-------------|---|---|---|---|---------|---|----------------|
| PBG-002-18 - Comprehensive Zoning B-Law | Maintenance | 0 | 0 | 0 | 0 | 250,000 | 0 | 250,000 |
|---|-------------|---|---|---|---|---------|---|----------------|

| | | | | | | | | |
|---|-------------|---------|---|---------|---|---|---|----------------|
| PLN-017-07 - Business Improvement Area Assistance Program | Maintenance | 113,000 | 0 | 113,000 | 0 | 0 | 0 | 226,000 |
|---|-------------|---------|---|---------|---|---|---|----------------|

Division: **Urban Design**

| | | | | | | | | |
|--|--------|---|--------|--------|-------|---|---|---------------|
| PLN-018-07 - Neighbourhood Studies and Design Guidelines | Growth | 0 | 25,000 | 25,000 | 6,250 | 0 | 0 | 56,250 |
|--|--------|---|--------|--------|-------|---|---|---------------|

| | | | | | | | | |
|--|-------------|---------|--------|---|---|-----------|---|------------------|
| PLN-005-07 - Planning & Building E-Plan & E-Permit Review and Implementation | Maintenance | 210,000 | 10,000 | 0 | 0 | 1,500,000 | 0 | 1,720,000 |
|--|-------------|---------|--------|---|---|-----------|---|------------------|

| | | | | | | | | |
|--|-------------|---|--------|--------|--------|---|---|----------------|
| PLN-018-07 - Neighbourhood Studies and Design Guidelines | Maintenance | 0 | 75,000 | 75,000 | 18,750 | 0 | 0 | 168,750 |
|--|-------------|---|--------|--------|--------|---|---|----------------|

City of Windsor

Summary of Growth vs. Maintenance Related Projects (Gross Expenditure Level)

For Budget Year 2018

| | | | | | | | |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| Total for Service Area: Office of the City Solicitor | 1,300,000 | 290,000 | 270,000 | 510,000 | 2,450,000 | 0 | 4,820,000 |
| Growth Percent: | 14.4 % | 70.7 % | 23.0 % | 96.3 % | 28.6 % | 0.0 % | 34.1 % |
| Maintenance Percent: | 85.6 % | 29.3 % | 77.0 % | 3.7 % | 71.4 % | 0.0 % | 65.9 % |
| Total for: Non-Tangible Capital Asset | 15,156,660 | 22,562,220 | 17,746,500 | 10,151,474 | 26,632,279 | 22,413,752 | 114,662,885 |
| Growth Percent: | 34.7 % | 65.5 % | 75.7 % | 59.3 % | 28.9 % | 51.8 % | 51.3 % |
| Maintenance Percent: | 65.3 % | 34.5 % | 24.3 % | 40.7 % | 71.1 % | 48.2 % | 48.7 % |

City of Windsor

Summary of Growth vs. Maintenance Related Projects (Gross Expenditure Level)

For Budget Year 2018

| | Maintenance /Growth | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
|---|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|
| Tangible Capital Asset | | | | | | | | |
| Service Area: Agencies, Boards & Committees | | | | | | | | |
| Department: Agencies | | | | | | | | |
| Division: External Agencies | | | | | | | | |
| TRN-005-07 - Handi-Transit Bus Acquisitions | Growth | 0 | 480,000 | 240,000 | 0 | 120,000 | 120,000 | 960,000 |
| Department: Roseland Golf & Country Club | | | | | | | | |
| Division: Roseland Operations | | | | | | | | |
| RGC-001-18 - Roseland/Little River Golf Courses Asset Replacement/Improvements | Maintenance | 0 | 0 | 0 | 0 | 100,000 | 0 | 100,000 |
| Department: Windsor Airport | | | | | | | | |
| Division: Windsor-Airport | | | | | | | | |
| ECP-010-09 - Airport Various Asset Replacement/Refurbishment/Upgrades | Maintenance | 650,000 | 2,896,000 | 3,945,300 | 2,255,750 | 365,950 | 300,000 | 10,413,000 |
| Department: Windsor Police Services | | | | | | | | |
| Division: Administration - Police | | | | | | | | |
| POL-001-11 - Windsor Police Service Collision Reporting Centre - Expansion and Upgrades | Growth | 630,000 | 370,000 | 0 | 0 | 500,000 | 0 | 1,500,000 |
| POL-002-15 - Windsor Police Service Next Generation 911 Infrastructure Upgrades | Growth | 0 | 200,000 | 50,000 | 65,000 | 0 | 0 | 315,000 |
| POL-006-17 - Windsor Police Service Operations Centre (WPSOC) | Growth | 0 | 0 | 0 | 250,000 | 1,250,000 | 0 | 1,500,000 |
| POL-010-14 - Windsor Police Service - In-camera Item #12 | Growth | 0 | 0 | 0 | 1,000,000 | 0 | 0 | 1,000,000 |
| POL-011-16 - Windsor Police Service Mobile Occurrence/Scene Documentation Application | Growth | 0 | 0 | 150,000 | 0 | 0 | 0 | 150,000 |
| POL-018-18 - Windsor Police Service Stores Reconfiguration/Automation | Growth | 0 | 0 | 0 | 0 | 90,000 | 60,000 | 150,000 |
| ITC-002-16 - Corporate Radio Infrastructure Upgrades | Maintenance | 0 | 0 | 0 | 3,100,000 | 3,100,000 | 0 | 6,200,000 |
| POL-001-09 - Windsor Police Service Fleet Replacement/Refurbishment Program | Maintenance | 1,268,000 | 1,268,000 | 1,268,000 | 1,268,000 | 1,268,000 | 1,268,000 | 7,608,000 |
| POL-001-16 - Windsor Police Service E911 Voice Logger System Upgrades/Replacement | Maintenance | 0 | 0 | 150,000 | 0 | 0 | 0 | 150,000 |
| POL-001-17 - Windsor Police Service - In-camera Item #1 | Maintenance | 0 | 0 | 0 | 75,000 | 0 | 0 | 75,000 |
| POL-002-16 - Windsor Police Service Backup E911 Centre Upgrades | Maintenance | 0 | 0 | 100,000 | 0 | 0 | 0 | 100,000 |
| POL-002-17 - Windsor Police Service - In-camera Item #2 | Maintenance | 0 | 0 | 0 | 75,000 | 0 | 0 | 75,000 |
| POL-003-16 - Windsor Police Service Microsoft Office Software Upgrades | Maintenance | 100,000 | 0 | 0 | 0 | 0 | 0 | 100,000 |
| POL-003-17 - Windsor Police Service - In-camera Item #4 | Maintenance | 0 | 0 | 0 | 100,000 | 0 | 0 | 100,000 |
| POL-004-15 - Windsor Police Service - In-camera Item #5 | Maintenance | 0 | 200,000 | 0 | 0 | 0 | 0 | 200,000 |
| POL-004-17 - Windsor Police Service - In-camera Item #7 | Maintenance | 0 | 0 | 0 | 75,000 | 0 | 0 | 75,000 |
| POL-005-17 - Windsor Police Service - In-camera Item #8 | Maintenance | 0 | 0 | 0 | 85,000 | 0 | 0 | 85,000 |

City of Windsor

Summary of Growth vs. Maintenance Related Projects (Gross Expenditure Level)

For Budget Year 2018

| | | | | | | | | |
|---|-------------|---------|---------|---------|---------|---------|---------|---------|
| POL-006-13 - Windsor Police Service Network Infrastructure Upgrades | Maintenance | 0 | 150,000 | 0 | 0 | 0 | 0 | 150,000 |
| POL-008-17 - Windsor Police Service CRISIS Negotiator Unit (life-cycle replacement) | Maintenance | 0 | 0 | 0 | 60,000 | 0 | 0 | 60,000 |
| POL-009-14 - WPS HQ Building Workspace Reconfigurations | Maintenance | 250,000 | 0 | 0 | 0 | 0 | 0 | 250,000 |
| POL-009-17 - Windsor Police Service Disaster Recovery (DR) Backup/Replication Site Implementation | Maintenance | 150,000 | 100,000 | 0 | 0 | 0 | 0 | 250,000 |
| POL-010-17 - Windsor Police Service - In-camera Item #13 | Maintenance | 0 | 0 | 0 | 75,000 | 0 | 0 | 75,000 |
| POL-012-16 - Windsor Police Service Indoor Training Range Upgrades | Maintenance | 300,000 | 0 | 0 | 0 | 0 | 0 | 300,000 |
| POL-014-17 - Windsor Police Service Mobile Device Encryption-Laptops | Maintenance | 100,000 | 0 | 0 | 0 | 0 | 0 | 100,000 |
| POL-014-18 - Windsor Police Service Data and Technology Security | Maintenance | 0 | 0 | 0 | 0 | 100,000 | 0 | 100,000 |
| POL-015-17 - Windsor Police Service - In-camera Item #17 | Maintenance | 0 | 0 | 160,000 | 0 | 0 | 0 | 160,000 |
| POL-015-18 - Windsor Police Service Technology Infrastructure Enhancements | Maintenance | 0 | 0 | 0 | 0 | 0 | 100,000 | 100,000 |
| POL-016-18 - Windsor Police Service Smartphone Device Refresh | Maintenance | 0 | 0 | 0 | 0 | 140,000 | 0 | 140,000 |
| POL-019-18 - Windsor Police Service New HQ Key Control Management System | Maintenance | 0 | 0 | 0 | 0 | 40,000 | 90,000 | 130,000 |
| Division: Investigations | | | | | | | | |
| POL-010-18 - Windsor Police Service Property Room Audit & Reorganization | Growth | 0 | 0 | 0 | 150,000 | 0 | 0 | 150,000 |
| POL-004-18 - Windsor Police Service - 2018 In-Camera Item 4 | Maintenance | 0 | 0 | 0 | 0 | 100,000 | 0 | 100,000 |
| Division: Patrol | | | | | | | | |
| POL-006-18 - Windsor Police Service - 2018 In-Camera Item 6 | Growth | 0 | 0 | 0 | 0 | 50,000 | 0 | 50,000 |
| POL-008-18 - Windsor Police Service - 2018 In-Camera Item 8 | Maintenance | 0 | 0 | 0 | 60,000 | 0 | 0 | 60,000 |

| | | | | |
|------------------|------------------|------------------|------------------|-------------------|
| 6,063,300 | 8,693,750 | 7,223,950 | 1,938,000 | 33,031,000 |
|------------------|------------------|------------------|------------------|-------------------|

Growth Percent:

Service Area: **City Council & Mayor's Office**

Department: **Mayor's Office**

Division: **Administration - Mayor's Office**

| | | | | | | | | |
|--|--------|---|---|-----------|---------|---|---|-----------|
| MAY-001-17 - Districting - Themes and Identity | Growth | 0 | 0 | 0 | 250,000 | 0 | 0 | 250,000 |
| MAY-002-16 - Environmentally Significant Lands Acquisition Placeholder | Growth | 0 | 0 | 1,500,000 | 0 | 0 | 0 | 1,500,000 |

| | | | | | | | | |
|--|--|----------|----------|------------------|----------------|----------|----------|------------------|
| Total for Service Area: City Council & Mayor's Office | | 0 | 0 | 1,500,000 | 250,000 | 0 | 0 | 1,750,000 |
|--|--|----------|----------|------------------|----------------|----------|----------|------------------|

| | | | | | | | | |
|------------------------|--|--------------|--------------|----------------|----------------|--------------|--------------|----------------|
| Growth Percent: | | 0.0 % | 0.0 % | 100.0 % | 100.0 % | 0.0 % | 0.0 % | 100.0 % |
|------------------------|--|--------------|--------------|----------------|----------------|--------------|--------------|----------------|

| | | | | | | | | |
|-----------------------------|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Maintenance Percent: | | 0.0 % | 0.0 % | 0.0 % | 0.0 % | 0.0 % | 0.0 % | 0.0 % |
|-----------------------------|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|

Service Area: **Community Dev. & Health Commissioner**

City of Windsor

Summary of Growth vs. Maintenance Related Projects (Gross Expenditure Level)

For Budget Year 2018

| | Maintenance /Growth | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
|---|--------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Department: Huron Lodge | | | | | | | | |
| Division: Nursing & Personal Care | | | | | | | | |
| HLD-001-12 - Huron Lodge Nursing Equipment Replacement Program | Maintenance | 0 | 150,000 | 150,000 | 150,000 | 450,000 | 50,000 | 950,000 |
| HLD-001-15 - Huron Lodge Ceiling Mounted Resident Lift Replacement Program | Maintenance | 0 | 115,000 | 200,000 | 200,000 | 100,000 | 100,000 | 715,000 |
| Division: Nutrition & Dietary Services | | | | | | | | |
| HLD-003-15 - Huron Lodge Dish Machines and Industrial Kitchen Equipment Replacement | Maintenance | 80,000 | 95,000 | 0 | 110,000 | 0 | 40,000 | 325,000 |
| Division: Program Services | | | | | | | | |
| HLD-001-13 - Huron Lodge Beds/Mattresses/Furniture Replacement Program | Maintenance | 0 | 250,000 | 100,000 | 100,000 | 100,000 | 100,000 | 650,000 |
| Total for Service Area: Community Dev. & Health Commissioner | | 80,000 | 610,000 | 450,000 | 560,000 | 650,000 | 290,000 | 2,640,000 |
| Growth Percent: | | 0.0 % | 0.0 % | 0.0 % | 0.0 % | 0.0 % | 0.0 % | 0.0 % |
| Maintenance Percent: | | 100.0 % | 100.0 % | 100.0 % | 100.0 % | 100.0 % | 100.0 % | 100.0 % |

Service Area: Office of Parks, Rec., Culture & Facilities

Department: Parks & Facilities

Division: Facility Operations

| | | | | | | | | |
|---|-------------|-----------|---------|-----------|---------|---------|---------|------------------|
| ENG-041-17 - Enwin Substations Acquisition (Avon/Mark Parks) | Growth | 0 | 0 | 0 | 150,000 | 0 | 0 | 150,000 |
| PFO-003-13 - Art Gallery of Windsor Capital Improvements | Growth | 1,320,000 | 125,000 | 125,000 | 125,000 | 125,000 | 125,000 | 1,945,000 |
| ECB-010-18 - Capitol Theatre Improvements | Maintenance | 0 | 0 | 60,000 | 0 | 0 | 0 | 60,000 |
| ENG-006-16 - Coventry Gardens Peace Fountain Capital Repairs | Maintenance | 0 | 0 | 0 | 0 | 100,000 | 0 | 100,000 |
| ENG-008-16 - 400 City Hall Square Workplace Reconfiguration | Maintenance | 0 | 38,000 | 162,000 | 0 | 0 | 0 | 200,000 |
| ENG-010-17 - Capitol Theatre Capital Improvements | Maintenance | 0 | 0 | 500,000 | 0 | 200,000 | 0 | 700,000 |
| ENG-033-17 - Feasibility Study - WFCU Arena | Maintenance | 0 | 0 | 0 | 90,000 | 0 | 0 | 90,000 |
| HCP-002-07 - Corporate Facilities Roof Replacement Program | Maintenance | 471,100 | 415,400 | 1,330,500 | 410,000 | 400,000 | 400,000 | 3,427,000 |
| PFO-001-15 - Huron Lodge Miscellaneous Equipment Replacement | Maintenance | 0 | 60,000 | 175,000 | 0 | 175,000 | 0 | 410,000 |
| PFO-003-11 - Corporate Designated Substance Remediation Program | Maintenance | 0 | 100,000 | 0 | 0 | 0 | 0 | 100,000 |
| REC-004-08 - The WFCU Centre Capital Improvements | Maintenance | 0 | 200,000 | 30,000 | 280,000 | 0 | 200,000 | 710,000 |

Division: Horticulture

| | | | | | | | | |
|---|--------|---|---|---------|---|---|---|----------------|
| PFO-001-16 - New Greenhouse Complex Construction and Refurbishments | Growth | 0 | 0 | 150,000 | 0 | 0 | 0 | 150,000 |
|---|--------|---|---|---------|---|---|---|----------------|

Division: Parks Development

| | | | | | | | | |
|---|--------|---|-----------|---------|-----------|---------|---------|------------------|
| ECB-002-18 - Walking Path - Daytona to California | Growth | 0 | 75,000 | 0 | 0 | 0 | 0 | 75,000 |
| ECB-023-18 - Realtor Park - Path | Growth | 0 | 0 | 475,000 | 0 | 0 | 0 | 475,000 |
| PFO-001-14 - Central Riverfront Park Improvements | Growth | 0 | 1,500,000 | 250,000 | 1,225,000 | 500,000 | 500,000 | 3,975,000 |

City of Windsor

Summary of Growth vs. Maintenance Related Projects (Gross Expenditure Level)

For Budget Year 2018

| | | | | | | | | |
|--|-------------|-----------|-----------|-----------|-----------|-----------|-----------|------------------|
| PFO-001-17 - Adult Exercise Equipment | Growth | 0 | 0 | 0 | 50,000 | 0 | 0 | 50,000 |
| PFO-002-16 - Realtor Park Splash Pad/Washroom Placeholder | Growth | 0 | 0 | 500,000 | 0 | 0 | 0 | 500,000 |
| PFO-004-18 - Riverfront Trail - Pedestrian Tunnel | Growth | 0 | 0 | 1,691,000 | 750,000 | 0 | 0 | 2,441,000 |
| PFO-005-17 - Reaume Park Lights for Afghanistan Memorial | Growth | 0 | 0 | 0 | 5,000 | 0 | 0 | 5,000 |
| PFO-008-12 - New Park Design/Development/Construction | Growth | 0 | 0 | 0 | 300,000 | 0 | 0 | 300,000 |
| PFO-008-17 - Beach Volleyball Courts - Riverfront Park | Growth | 0 | 0 | 0 | 100,000 | 0 | 0 | 100,000 |
| PFO-010-17 - Dog Park - Malden Road | Growth | 0 | 0 | 0 | 75,000 | 0 | 0 | 75,000 |
| PFO-016-12 - Parkland Acquisitions | Growth | 13,000 | 0 | 0 | 0 | 0 | 0 | 13,000 |
| ECB-004-18 - Wigle Park - Phase 2 Funding | Maintenance | 0 | 150,000 | 0 | 0 | 0 | 175,000 | 325,000 |
| ECB-011-18 - Stodgell Park Redevelopment | Maintenance | 0 | 0 | 0 | 0 | 0 | 460,000 | 460,000 |
| ECB-028-18 - Improvements to Peche Island and Boat Access | Maintenance | 0 | 500,000 | 500,000 | 0 | 0 | 0 | 1,000,000 |
| ENG-002-14 - Festival Plaza Retaining Wall - Design & Construction | Maintenance | 0 | 675,000 | 675,000 | 0 | 0 | 0 | 1,350,000 |
| PFO-001-14 - Central Riverfront Park Improvements | Maintenance | 0 | 1,500,000 | 250,000 | 1,225,000 | 500,000 | 500,000 | 3,975,000 |
| PFO-002-15 - Playgrounds Replacement Program | Maintenance | 2,654,172 | 350,000 | 0 | 1,500,000 | 1,000,000 | 1,000,000 | 6,504,172 |
| PFO-003-15 - Central Riverfront Implementation Plan (C.R.I.P.) Placeholder | Maintenance | 1,990,000 | 310,000 | 0 | 0 | 0 | 0 | 2,300,000 |
| PFO-003-18 - Fred Thomas Splash Pad (Glengarry) | Maintenance | 0 | 0 | 300,000 | 0 | 0 | 0 | 300,000 |
| PFO-004-17 - Forest Glade Basketball Court Renovation | Maintenance | 0 | 0 | 0 | 200,000 | 0 | 0 | 200,000 |
| PFO-005-12 - Regional Parks Initiatives | Maintenance | 500,000 | 150,000 | 0 | 950,000 | 0 | 0 | 1,600,000 |
| PFO-005-18 - Shorewall Capital Improvements | Maintenance | 0 | 0 | 0 | 231,500 | 418,500 | 0 | 650,000 |
| PFO-006-12 - Community Parks Initiatives | Maintenance | 0 | 500,000 | 500,000 | 250,000 | 250,000 | 0 | 1,500,000 |
| PFO-006-17 - Realtor Park - Tennis Court Enhancements | Maintenance | 0 | 0 | 0 | 75,000 | 0 | 0 | 75,000 |
| PFO-007-12 - Neighbourhood Parks Initiatives | Maintenance | 0 | 500,000 | 510,000 | 250,000 | 0 | 0 | 1,260,000 |
| PFO-007-17 - Washroom at Alexander Park | Maintenance | 0 | 0 | 0 | 250,000 | 0 | 0 | 250,000 |
| PFO-009-12 - Park Bridges/Shelters/Buildings/Capital Improvements | Maintenance | 0 | 100,000 | 100,000 | 100,000 | 168,000 | 100,000 | 568,000 |
| PFO-012-12 - Park Trails Capital Improvements | Maintenance | 0 | 200,000 | 200,000 | 200,000 | 600,000 | 0 | 1,200,000 |
| PFO-012-17 - Central Park Tennis Court (Repave, New Nets, Paint) | Maintenance | 0 | 0 | 0 | 100,000 | 0 | 0 | 100,000 |
| PFO-013-12 - Park-related Parking Lots Capital Upgrades | Maintenance | 0 | 1,000,000 | 500,000 | 200,000 | 200,000 | 200,000 | 2,100,000 |
| PFO-017-12 - Playground Equipment Removal | Maintenance | 0 | 100,000 | 0 | 100,000 | 100,000 | 100,000 | 400,000 |
| Division: Parks Operations | | | | | | | | |
| ECB-026-18 - Elizabeth Kishkon Park - Install Washroom | Growth | 0 | 0 | 0 | 0 | 0 | 400,000 | 400,000 |
| ECB-029-18 - Wayfinding Signage and Markers - Ganatchio Trail/Little River | Growth | 0 | 0 | 0 | 0 | 0 | 100,000 | 100,000 |
| PFO-006-18 - Ditch Cutting Equipment for Vacant Properties/Phragmites Control | Growth | 0 | 0 | 0 | 0 | 266,280 | 0 | 266,280 |
| ECB-018-18 - Rubber Base for Gary Dugal Playground | Maintenance | 124,000 | 0 | 0 | 0 | 0 | 0 | 124,000 |
| ECB-022-18 - Tranby Park - Relocate Kiwanis Equipment - timed with Tranby Roadwork in the Spring | Maintenance | 0 | 155,000 | 0 | 0 | 0 | 0 | 155,000 |
| ECB-024-18 - Accessible Washroom and Changeroom - Riverside Park | Maintenance | 400,000 | 0 | 0 | 0 | 0 | 0 | 400,000 |
| ECB-041-18 - Bike Park | Maintenance | 0 | 0 | 0 | 0 | 0 | 500,000 | 500,000 |
| PFO-003-17 - GPS Laser Line Painting Equipment | Maintenance | 0 | 0 | 50,000 | 65,000 | 0 | 0 | 115,000 |

City of Windsor

Summary of Growth vs. Maintenance Related Projects (Gross Expenditure Level)

For Budget Year 2018

| | Maintenance /Growth | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
|--|--------------------------------|------------------|------------------|-------------------|-------------------|------------------|------------------|-------------------|
| Department: Recreation & Culture | | | | | | | | |
| Division: Admin - Recreation & Culture | | | | | | | | |
| REC-001-17 - WFCU Centre Upgrades | Maintenance | 0 | 0 | 0 | 698,441 | 0 | 0 | 698,441 |
| Division: Community Centres & Programming | | | | | | | | |
| REC-003-07 - Municipal Pools Refurbishment Program | Maintenance | 0 | 90,000 | 433,280 | 100,000 | 1,267,020 | 180,000 | 2,070,300 |
| Division: Recreation Facilities | | | | | | | | |
| REC-005-16 - Gino & Liz Marcus Community Centre Family Change Room | Growth | 0 | 0 | 1,100,000 | 0 | 0 | 0 | 1,100,000 |
| REC-002-07 - Lakeview Park Marina Upgrades | Maintenance | 50,000 | 0 | 55,000 | 100,000 | 50,000 | 50,000 | 305,000 |
| Total for Service Area: Office of Parks, Rec., Culture & Facilities | | 7,522,272 | 8,793,400 | 10,621,780 | 10,154,941 | 6,319,800 | 4,990,000 | 48,402,193 |
| Growth Percent: | | 17.7 % | 19.3 % | 40.4 % | 27.4 % | 14.1 % | 22.5 % | 25.0 % |
| Maintenance Percent: | | 82.3 % | 80.7 % | 59.6 % | 72.6 % | 85.9 % | 77.5 % | 75.0 % |

Service Area: Office of the CFO

Department: Finance

Division: Asset Planning

| | | | | | | | | |
|---|-------------|---|-----------|---------|---------|---|---|------------------|
| FIN-001-15 - Sub-Metering - Energy Cost Savings Initiative | Maintenance | 0 | 0 | 0 | 150,000 | 0 | 0 | 150,000 |
| FIN-002-15 - Corporate Wide Facilities LED Conversion | Maintenance | 0 | 1,200,000 | 0 | 0 | 0 | 0 | 1,200,000 |
| FIN-005-15 - Little River Pollution Control Plant Energy Efficiency Measures Implementation | Maintenance | 0 | 0 | 150,000 | 0 | 0 | 0 | 150,000 |
| FIN-007-15 - Huron Lodge Energy Efficiency Initiatives - LED/Sub-Metering/HVAC Upgrades | Maintenance | 0 | 0 | 0 | 50,000 | 0 | 0 | 50,000 |

Division: Financial Planning

| | | | | | | | | |
|-------------------------|-------------|---|---|---------|---|---|---|----------------|
| FIN-007-16 - Ward Funds | Growth | 0 | 0 | 200,000 | 0 | 0 | 0 | 200,000 |
| FIN-007-16 - Ward Funds | Maintenance | 0 | 0 | 200,000 | 0 | 0 | 0 | 200,000 |

Department: Information Technology

Division: Administration - Info. Tech.

| | | | | | | | | |
|---|--------|---|---------|---------|---------|---------|---------|------------------|
| ITC-001-10 - Smart Community Initiative | Growth | 0 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 1,000,000 |
| ITC-001-13 - Corporate Integration of Mobile Technologies | Growth | 0 | 500,000 | 0 | 500,000 | 0 | 300,000 | 1,300,000 |

Division: Business Process Modernization

| | | | | | | | | |
|--|--------|---|---|---|---------|---|---|----------------|
| ITC-001-12 - Fire and Rescue Records Management and Computer Aided Dispatch System Initiatives | Growth | 0 | 0 | 0 | 900,000 | 0 | 0 | 900,000 |
|--|--------|---|---|---|---------|---|---|----------------|

Division: End User Management

| | | | | | | | | |
|---|--------|---|---|---------|---|---------|---|----------------|
| ITC-001-09 - Corporate Facilities Content Access Improvements | Growth | 0 | 0 | 200,000 | 0 | 200,000 | 0 | 400,000 |
|---|--------|---|---|---------|---|---------|---|----------------|

Division: Technology Infrastructure

City of Windsor

Summary of Growth vs. Maintenance Related Projects (Gross Expenditure Level)

For Budget Year 2018

| | | | | | | | | |
|--|-------------|----------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| ITC-002-07 - Corporate Electronic Storage and Retrieval Systems Upgrades | Growth | 60,000 | 90,000 | 90,000 | 90,000 | 90,000 | 90,000 | 510,000 |
| ITC-003-07 - Information Technology Network Infrastructure Improvements | Growth | 98,859 | 98,859 | 125,000 | 145,000 | 98,859 | 98,859 | 665,436 |
| ITC-005-07 - Corporate Data & Network Security Initiatives | Growth | 50,000 | 159,500 | 164,500 | 88,000 | 150,000 | 150,000 | 762,000 |
| ITC-006-07 - Information Technology Disaster Recovery Initiatives | Growth | 50,000 | 75,000 | 50,000 | 50,000 | 50,000 | 50,000 | 325,000 |
| ITC-012-07 - Corporate Telephone System Upgrades/Replacement | Growth | 60,000 | 45,000 | 60,000 | 60,000 | 150,000 | 50,000 | 425,000 |
| ITC-002-07 - Corporate Electronic Storage and Retrieval Systems Upgrades | Maintenance | 40,000 | 60,000 | 60,000 | 60,000 | 60,000 | 60,000 | 340,000 |
| ITC-003-07 - Information Technology Network Infrastructure Improvements | Maintenance | 101,141 | 101,141 | 105,000 | 105,000 | 101,141 | 101,141 | 614,564 |
| ITC-005-07 - Corporate Data & Network Security Initiatives | Maintenance | 50,000 | 159,500 | 164,500 | 88,000 | 150,000 | 150,000 | 762,000 |
| ITC-006-07 - Information Technology Disaster Recovery Initiatives | Maintenance | 100,000 | 75,000 | 50,000 | 50,000 | 50,000 | 50,000 | 375,000 |
| ITC-012-07 - Corporate Telephone System Upgrades/Replacement | Maintenance | 140,000 | 105,000 | 140,000 | 140,000 | 150,000 | 50,000 | 725,000 |
| Total for Service Area: Office of the CFO | | 750,000 | 2,869,000 | 1,959,000 | 2,676,000 | 1,450,000 | 1,350,000 | 11,054,000 |
| Growth Percent: | | 42.5 % | 40.7 % | 55.6 % | 76.0 % | 64.7 % | 69.5 % | 58.7 % |
| Maintenance Percent: | | 57.5 % | 59.3 % | 44.4 % | 24.0 % | 35.3 % | 30.5 % | 41.3 % |

Service Area: Office of the City Clerk

Department: Council Services

Division: Administration Council Services

| | | | | | | | | |
|-------------------------|-------------|---|---------|---|---|---|---------|------------------|
| ECB-039-18 - Ward Funds | Maintenance | 0 | 500,000 | 0 | 0 | 0 | 500,000 | 1,000,000 |
|-------------------------|-------------|---|---------|---|---|---|---------|------------------|

Division: Communications & Cust. Service

| | | | | | | | | |
|--|-------------|---|---------|---|---|---|---|----------------|
| CCS-001-11 - 311/211 Call Centre Telephone System Upgrades | Maintenance | 0 | 200,000 | 0 | 0 | 0 | 0 | 200,000 |
|--|-------------|---|---------|---|---|---|---|----------------|

Department: Windsor Public Library

Division: Administration - Library

| | | | | | | | | |
|---|--------|---|-----------|---|---|---|---|------------------|
| WPL-004-11 - Windsor Public Library Materials Automation Systems Upgrades | Growth | 0 | 1,050,000 | 0 | 0 | 0 | 0 | 1,050,000 |
|---|--------|---|-----------|---|---|---|---|------------------|

| | | | | | | | | |
|---|--|----------|------------------|----------|----------|----------|----------------|------------------|
| Total for Service Area: Office of the City Clerk | | 0 | 1,750,000 | 0 | 0 | 0 | 500,000 | 2,250,000 |
|---|--|----------|------------------|----------|----------|----------|----------------|------------------|

| | | | | | | | | |
|------------------------|--|--------------|---------------|--------------|--------------|--------------|--------------|---------------|
| Growth Percent: | | 0.0 % | 60.0 % | 0.0 % | 0.0 % | 0.0 % | 0.0 % | 46.7 % |
|------------------------|--|--------------|---------------|--------------|--------------|--------------|--------------|---------------|

| | | | | | | | | |
|-----------------------------|--|--------------|---------------|--------------|--------------|--------------|----------------|---------------|
| Maintenance Percent: | | 0.0 % | 40.0 % | 0.0 % | 0.0 % | 0.0 % | 100.0 % | 53.3 % |
|-----------------------------|--|--------------|---------------|--------------|--------------|--------------|----------------|---------------|

Service Area: Office of the City Engineer

Department: Engineering

Division: Administration - Engineering

| | | | | | | | | |
|---|--------|--------|---|---|---|---|---|---------------|
| ECB-005-18 - Electrical Box Installation - Maiden Lane - Support DWFM | Growth | 75,000 | 0 | 0 | 0 | 0 | 0 | 75,000 |
|---|--------|--------|---|---|---|---|---|---------------|

| | | | | | | | | |
|---|--------|---|---|---------|---|---|---|----------------|
| ECB-012-18 - Pedestrian Street Lighting on Ottawa St. | Growth | 0 | 0 | 158,000 | 0 | 0 | 0 | 158,000 |
|---|--------|---|---|---------|---|---|---|----------------|

| | | | | | | | | |
|---|--------|---|---|---|---|---|--------|---------------|
| ECB-025-18 - Streetlights on Banwell Road between Tecumseh and Mulberry | Growth | 0 | 0 | 0 | 0 | 0 | 70,000 | 70,000 |
|---|--------|---|---|---|---|---|--------|---------------|

| | | | | | | | | |
|--|--------|---|---|---|---|-----------|---|------------------|
| ECB-035-18 - Riverside Dr. Vista Roundabout - Devonshire and Riverside | Growth | 0 | 0 | 0 | 0 | 1,000,000 | 0 | 1,000,000 |
|--|--------|---|---|---|---|-----------|---|------------------|

| | | | | | | | | |
|--|-------------|---|---|---|---|---|-----------|------------------|
| ECB-001-18 - California/Pulford - Norfolk to Daytona | Maintenance | 0 | 0 | 0 | 0 | 0 | 1,200,000 | 1,200,000 |
|--|-------------|---|---|---|---|---|-----------|------------------|

City of Windsor

Summary of Growth vs. Maintenance Related Projects (Gross Expenditure Level)

For Budget Year 2018

| | | | | | | | | |
|--|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|
| ECB-003-18 - College Ave. - Campbell to Mckay | Maintenance | 150,000 | 0 | 1,350,000 | 0 | 0 | 0 | 1,500,000 |
| ECB-006-18 - Crawford Ave. - Wyandotte to Tecumseh - Engineering | Maintenance | 0 | 0 | 250,000 | 0 | 0 | 0 | 250,000 |
| ECB-013-18 - Windermere St. - Engineering for Storm Sewer Reconstruction | Maintenance | 0 | 0 | 105,000 | 0 | 0 | 0 | 105,000 |
| ECB-015-18 - Erie St. - La Bella Strada Streetscaping | Maintenance | 0 | 0 | 0 | 0 | 0 | 300,000 | 300,000 |
| ECB-017-18 - Pillette Rd. - Seminole to VIA Tracks - Reconstruction (Phases 1 & 2) | Maintenance | 50,000 | 0 | 0 | 0 | 0 | 950,000 | 1,000,000 |
| ECB-033-18 - Reginald St. - Pillette to Norman - Reconstruction | Maintenance | 0 | 0 | 0 | 0 | 0 | 375,000 | 375,000 |
| ECB-034-18 - Byng Rd. - Lappan to Melinda - Reconstruction | Maintenance | 128,000 | 600,000 | 2,000 | 0 | 0 | 650,000 | 1,380,000 |
| ECB-040-18 - Reserve for Basement Flooding Mitigation - Sewer Master Plan | Maintenance | 500,000 | 0 | 0 | 0 | 0 | 0 | 500,000 |
| Division: Development, Projects & Right of Way | | | | | | | | |
| ECP-001-13 - New Fire Hall Station #6 & Emergency Operations Centre (EOC) | Growth | 311,790 | 612,016 | 0 | 0 | 0 | 0 | 923,806 |
| ECP-001-16 - New City Hall Construction | Growth | 0 | 625,000 | 0 | 1,212,500 | 0 | 0 | 1,837,500 |
| ENG-002-18 - Asphalt Pavement Widening - Malden Rd./South Cameron Blvd. | Growth | 0 | 0 | 325,000 | 0 | 0 | 0 | 325,000 |
| ENG-003-18 - Sandwich Library | Growth | 513,795 | 434,280 | 465,720 | 0 | 500,000 | 0 | 1,913,795 |
| ECP-001-13 - New Fire Hall Station #6 & Emergency Operations Centre (EOC) | Maintenance | 935,370 | 1,836,048 | 0 | 0 | 0 | 0 | 2,771,418 |
| ECP-001-16 - New City Hall Construction | Maintenance | 0 | 1,875,000 | 0 | 3,637,500 | 0 | 0 | 5,512,500 |
| Division: Infrastructure & Geomatics | | | | | | | | |
| ECP-001-10 - Upper Little River Stormwater Management Plan and Implementation | Growth | 500,000 | 0 | 0 | 0 | 0 | 0 | 500,000 |
| ECP-002-08 - Provincial Rd./Division Rd. Corridor Infrastructure Improvements | Growth | 0 | 2,000,000 | 1,850,000 | 2,000,000 | 0 | 0 | 5,850,000 |
| ECP-002-10 - Banwell Rd. Infrastructure Improvements | Growth | 0 | 0 | 1,000,000 | 1,000,000 | 0 | 1,000,000 | 3,000,000 |
| ECP-003-07 - Grand Marais Rd. Infrastructure Improvements | Growth | 340,000 | 0 | 0 | 0 | 0 | 0 | 340,000 |
| ECP-003-08 - Howard Ave. - South Corridor Infrastructure Improvements | Growth | 0 | 0 | 175,000 | 0 | 25,000 | 0 | 200,000 |
| ECP-003-09 - Cabana Rd. Infrastructure Improvements | Growth | 2,030,000 | 1,915,162 | 3,159,837 | 3,028,371 | 2,272,530 | 1,926,280 | 14,332,180 |
| ECP-005-07 - Tecumseh Rd. E. Infrastructure Improvements | Growth | 0 | 0 | 50,000 | 450,000 | 500,000 | 0 | 1,000,000 |
| ECP-007-07 - Local Improvement Program - Infrastructure | Growth | 195,000 | 1,000,000 | 1,744,800 | 1,500,000 | 0 | 0 | 4,439,800 |
| ECP-009-07 - Intersection Improvements Program | Growth | 0 | 470,000 | 500,000 | 500,000 | 500,000 | 500,000 | 2,470,000 |
| ECP-010-07 - East Riverside Planning District Infrastructure Improvements | Growth | 0 | 250,000 | 0 | 2,400,000 | 0 | 0 | 2,650,000 |
| ECP-016-07 - The Riverside Drive Vista Improvement | Growth | 280,000 | 100,000 | 1,040,000 | 250,000 | 1,000,000 | 3,350,000 | 6,020,000 |
| ECP-017-07 - Local Improvements Program - Sanitary Sewer | Growth | 2,000,000 | 0 | 0 | 2,000,000 | 1,150,000 | 0 | 5,150,000 |
| ECP-023-07 - Parent Ave./McDougall Ave. Storm Sewer Engineering & Construction | Growth | 125,000 | 0 | 0 | 0 | 1,475,000 | 0 | 1,600,000 |
| EDG-001-11 - Lauzon Parkway & County Rd. 42 Infrastructure Improvements | Growth | 0 | 0 | 0 | 2,000,000 | 0 | 1,000,000 | 3,000,000 |
| EIT-001-11 - Local Improvement Program - Street Lighting | Growth | 0 | 100,000 | 0 | 100,000 | 0 | 100,000 | 300,000 |
| ENG-001-16 - Sixth Concession Rd./North Talbot Rd. Infrastructure Improvements | Growth | 0 | 0 | 0 | 600,000 | 0 | 0 | 600,000 |

City of Windsor

Summary of Growth vs. Maintenance Related Projects (Gross Expenditure Level)

For Budget Year 2018

| | | | | | | | | |
|--|-------------|------------|------------|------------|------------|------------|------------|-------------------|
| ENG-002-12 - Local Improvement Program - Sidewalks | Growth | 0 | 50,000 | 0 | 50,000 | 50,000 | 0 | 150,000 |
| ENG-005-17 - Central Box EA Road and Infrastructure Improvements | Growth | 0 | 220,000 | 500,000 | 0 | 700,000 | 4,662,000 | 6,082,000 |
| ENG-009-16 - North Talbot Rd. Environmental Assessment/Southwood Lakes Entrance Reconstruction | Growth | 0 | 0 | 200,000 | 0 | 0 | 0 | 200,000 |
| ENG-026-17 - Sandwich Street - Roundabout and Archeological Study | Growth | 0 | 0 | 0 | 1,150,000 | 0 | 0 | 1,150,000 |
| ENG-027-17 - Wyandotte Town Centre's World Marketplace Redevelopment - Phase 1 | Growth | 0 | 0 | 0 | 1,000,000 | 0 | 0 | 1,000,000 |
| ENG-028-17 - Banwell Road - Engineering - Roundabout at Mulberry | Growth | 0 | 0 | 0 | 200,000 | 0 | 0 | 200,000 |
| ECP-001-07 - Citywide Streetlight Pole/Wiring Upgrades & Relocations | Maintenance | 700,000 | 520,000 | 240,000 | 500,000 | 200,000 | 362,000 | 2,522,000 |
| ECP-003-08 - Howard Ave. - South Corridor Infrastructure Improvements | Maintenance | 0 | 0 | 175,000 | 0 | 25,000 | 0 | 200,000 |
| ECP-003-09 - Cabana Rd. Infrastructure Improvements | Maintenance | 2,030,000 | 1,915,163 | 3,159,837 | 3,028,371 | 2,272,530 | 1,926,280 | 14,332,181 |
| ECP-014-07 - City Centre Streetscape Improvements | Maintenance | 897,640 | 350,000 | 350,000 | 0 | 5,700,000 | 0 | 7,297,640 |
| ECP-022-07 - Prince Rd./Totten St. Storm Sewer Improvements - Engineering & Construction | Maintenance | 125,000 | 0 | 80,000 | 0 | 100,000 | 0 | 305,000 |
| ECP-023-07 - Parent Ave./McDougall Ave. Storm Sewer Engineering & Construction | Maintenance | 125,000 | 0 | 0 | 0 | 1,475,000 | 0 | 1,600,000 |
| ECP-028-07 - Grand Marais Drain Capital Improvements (Existing Naturalized Channel) | Maintenance | 470,000 | 2,100,000 | 0 | 732,000 | 500,000 | 1,200,000 | 5,002,000 |
| ECP-034-07 - Campbell Ave./University Ave. Storm Sewer Engineering & Construction | Maintenance | 125,000 | 0 | 3,670,000 | 0 | 0 | 0 | 3,795,000 |
| ECP-035-07 - City Wide Sewer Rehabilitation Program | Maintenance | 14,116,673 | 16,410,000 | 11,156,000 | 12,000,000 | 11,995,000 | 12,343,000 | 78,020,673 |
| ECP-036-07 - Ojibway Sanitary Sewer Rehabilitation | Maintenance | 0 | 0 | 0 | 0 | 0 | 3,000,000 | 3,000,000 |
| ENG-001-13 - Capital Improvements to Little River Steel Retaining Walls | Maintenance | 500,000 | 0 | 1,000,000 | 0 | 0 | 1,000,000 | 2,500,000 |
| ENG-002-16 - Capital Improvements to Little River Municipal Drain (Lauzon Rd. to VIA Tracks) | Maintenance | 0 | 0 | 100,000 | 0 | 0 | 0 | 100,000 |
| ENG-003-13 - Sixth Concession Municipal Drain - Land Acquisition & Capital Improvements | Maintenance | 150,000 | 200,000 | 500,000 | 200,000 | 535,000 | 485,000 | 2,070,000 |
| ENG-009-16 - North Talbot Rd. Environmental Assessment/Southwood Lakes Entrance Reconstruction | Maintenance | 0 | 0 | 400,000 | 0 | 0 | 0 | 400,000 |
| ENG-023-17 - Connaught Street Reconstruction | Maintenance | 0 | 0 | 0 | 715,000 | 0 | 0 | 715,000 |
| ENG-024-17 - Northwood/Dominion Intersection Improvements | Maintenance | 0 | 0 | 0 | 1,150,000 | 1,000,000 | 0 | 2,150,000 |
| ENG-031-17 - Norman Road - Engineering - Tecumseh to Adstoll | Maintenance | 0 | 0 | 0 | 100,000 | 0 | 0 | 100,000 |
| OPS-012-17 - Streetlights on South National | Maintenance | 0 | 0 | 0 | 105,000 | 0 | 0 | 105,000 |
| Division: Pollution Control | | | | | | | | |
| ENV-001-08 - Lou Romano Water Reclamation Plant Capital Improvements | Maintenance | 2,605,000 | 1,380,000 | 1,150,000 | 1,350,000 | 1,050,000 | 1,283,000 | 8,818,000 |
| ENV-002-08 - Little River Pollution Control Plant Capital Improvements | Maintenance | 1,545,000 | 2,555,000 | 725,000 | 2,375,000 | 2,095,000 | 1,095,000 | 10,390,000 |
| ENV-003-08 - Pumping Stations Capital Improvements | Maintenance | 800,000 | 3,450,000 | 775,000 | 1,850,000 | 730,000 | 1,405,000 | 9,010,000 |
| Department: Public Works | | | | | | | | |
| Division: Contracts, Field Services & Maintenance | | | | | | | | |
| ECB-007-18 - Victoria Ave. - Tecumseh to Jackson Park - Mill and Pave | Maintenance | 0 | 0 | 150,000 | 0 | 0 | 0 | 150,000 |

City of Windsor

Summary of Growth vs. Maintenance Related Projects (Gross Expenditure Level)

For Budget Year 2018

| | | | | | | | | |
|---|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|
| ECB-008-18 - Park St. - Pelissier to Caron | Maintenance | 43,000 | 387,000 | 0 | 0 | 0 | 0 | 430,000 |
| ECB-009-18 - Lillian Ave. - Grand Marais to South Pacific - Reconstruction | Maintenance | 0 | 0 | 500,000 | 0 | 0 | 0 | 500,000 |
| ECB-014-18 - Ypres Blvd. - Forest to Marentette - Mill and Pave | Maintenance | 0 | 0 | 247,000 | 0 | 0 | 0 | 247,000 |
| ECB-016-18 - St. Luke Rd. - Seminole to ETR - Reconstruction | Maintenance | 51,000 | 0 | 0 | 459,000 | 0 | 0 | 510,000 |
| ECB-019-18 - St. Julien Rd. - George to Tourangeau - Reconstruction | Maintenance | 0 | 0 | 0 | 155,000 | 0 | 0 | 155,000 |
| ECB-020-18 - Milloy Ave. - Chandler to Meldrum - Mill and Pave | Maintenance | 0 | 108,000 | 0 | 0 | 0 | 0 | 108,000 |
| ECB-021-18 - Albert St. - Wyandotte to Edna - Mill and Pave | Maintenance | 0 | 114,000 | 0 | 0 | 0 | 0 | 114,000 |
| ECB-027-18 - Briarbank Dr. - Mill and Pave | Maintenance | 0 | 7,000 | 143,000 | 190,000 | 0 | 0 | 340,000 |
| ECB-030-18 - Wyandotte St. - St. Rose to Janisse - Repair WB, Reconstruct EB | Maintenance | 0 | 0 | 0 | 0 | 0 | 440,000 | 440,000 |
| ECB-031-18 - Courtland Cres. - South National to South National - Mill and Pave | Maintenance | 0 | 0 | 0 | 0 | 0 | 120,000 | 120,000 |
| ECB-032-18 - Annie St. - Tecumseh to Cul-de-sac - Mill and Pave | Maintenance | 0 | 0 | 0 | 0 | 0 | 90,000 | 90,000 |
| ECB-036-18 - Northwood St. - Cleary to Daytona - Reconstruction | Maintenance | 0 | 675,000 | 75,000 | 0 | 0 | 0 | 750,000 |
| ECB-037-18 - Alley Funding | Maintenance | 0 | 250,000 | 0 | 0 | 0 | 0 | 250,000 |
| ENG-007-16 - Basement Flooding Abatement Measures | Maintenance | 2,700,000 | 640,000 | 1,100,000 | 2,250,000 | 2,300,000 | 2,300,000 | 11,290,000 |
| OPS-001-07 - Road Rehabilitation - Various Locations Program | Maintenance | 8,887,000 | 9,239,090 | 8,877,000 | 8,000,000 | 8,000,000 | 8,000,000 | 51,003,090 |
| OPS-002-11 - Minor Road Deficiencies Rehabilitation Program | Maintenance | 140,000 | 400,000 | 250,000 | 250,000 | 250,000 | 750,000 | 2,040,000 |
| OPS-002-14 - Enhanced Capital Budget Road Rehabilitation Placeholder | Maintenance | 5,489,000 | 0 | 0 | 0 | 0 | 0 | 5,489,000 |
| OPS-003-07 - Bridge Rehabilitation Program | Maintenance | 2,500,000 | 3,200,000 | 3,399,000 | 3,034,000 | 4,000,000 | 5,000,000 | 21,133,000 |
| OPS-004-07 - Sidewalk Rehabilitation Program | Maintenance | 317,500 | 700,000 | 700,000 | 800,000 | 1,500,000 | 1,500,000 | 5,517,500 |
| OPS-006-07 - "At-Grade" Railway Crossings Capital Improvements | Maintenance | 275,000 | 825,000 | 85,000 | 200,000 | 125,000 | 125,000 | 1,635,000 |
| OPS-008-16 - Devon Dr. Reconstruction - South Service Rd. to Sydney Ave. | Maintenance | 0 | 0 | 1,500,000 | 0 | 0 | 0 | 1,500,000 |
| OPS-008-17 - Rossini Reconstruction - Tecumseh to Griffin | Maintenance | 0 | 0 | 0 | 300,000 | 0 | 0 | 300,000 |
| OPS-009-16 - North Service Rd. Reconstruction | Maintenance | 0 | 0 | 2,100,000 | 0 | 0 | 0 | 2,100,000 |
| OPS-009-17 - Reginald Street Reconstruction - Rossini to Francois | Maintenance | 0 | 0 | 0 | 280,000 | 0 | 0 | 280,000 |
| OPS-010-16 - Wyandotte St. Mill and Pave - Watson Ave. to Riverdale Ave. | Maintenance | 0 | 0 | 300,000 | 0 | 0 | 0 | 300,000 |
| OPS-010-17 - Tranby Reconstruction | Maintenance | 0 | 0 | 0 | 1,200,000 | 0 | 0 | 1,200,000 |
| OPS-013-17 - Reginald Street Reconstruction - Norman to Westminster | Maintenance | 0 | 0 | 0 | 390,000 | 0 | 0 | 390,000 |
| OPS-014-17 - Alice Street Mill and Pave - Norman to Polonia Park | Maintenance | 0 | 0 | 0 | 35,000 | 0 | 0 | 35,000 |
| OPS-015-17 - Coronation Street Mill and Pave - Jefferson to Cul-de-sac | Maintenance | 0 | 0 | 0 | 55,000 | 0 | 0 | 55,000 |
| OPS-016-17 - Devon Drive Reconstruction - Sydney to South Service | Maintenance | 0 | 0 | 0 | 800,000 | 0 | 0 | 800,000 |
| OPS-017-17 - Northwood Reconstruction - Northwood to Northway | Maintenance | 0 | 0 | 0 | 500,000 | 0 | 0 | 500,000 |
| OPS-023-17 - South National Relining | Maintenance | 187,500 | 0 | 0 | 0 | 0 | 0 | 187,500 |
| OPS-024-17 - Rossini Street Relining | Maintenance | 35,000 | 0 | 0 | 0 | 0 | 0 | 35,000 |
| OPS-025-17 - Storm Extension to Railway at College and Crawford | Maintenance | 126,312 | 0 | 0 | 0 | 0 | 0 | 126,312 |
| OPS-026-17 - Lake Trail Drive Mill and Pave | Maintenance | 0 | 0 | 0 | 400,000 | 0 | 0 | 400,000 |
| OPS-028-18 - Concrete Road Panel Repair Program | Maintenance | 0 | 0 | 0 | 0 | 895,000 | 1,500,000 | 2,395,000 |

Division: **Fleet**

City of Windsor

Summary of Growth vs. Maintenance Related Projects (Gross Expenditure Level)

For Budget Year 2018

| | | | | | | | | |
|---|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|
| OPS-022-07 - Purchase of Additional Fleet Equipment | Growth | 310,000 | 0 | 0 | 0 | 240,000 | 150,000 | 700,000 |
| FRS-001-07 - Fire & Rescue First Response Vehicle Replacement Program | Maintenance | 47,000 | 0 | 52,000 | 58,000 | 2,775,000 | 116,000 | 3,048,000 |
| OPS-001-15 - Parks Equipment Replacement Program | Maintenance | 617,000 | 272,000 | 733,000 | 648,000 | 591,000 | 413,000 | 3,274,000 |
| OPS-001-17 - Fuel Site Equipment Replacement | Maintenance | 0 | 0 | 20,000 | 0 | 310,340 | 42,350 | 372,690 |
| OPS-002-17 - Fuel Site Improvements | Maintenance | 0 | 0 | 0 | 0 | 132,000 | 0 | 132,000 |
| OPS-005-08 - Corporate Fleet Replacement Program | Maintenance | 1,574,000 | 2,806,000 | 2,195,000 | 1,197,000 | 2,028,000 | 1,955,000 | 11,755,000 |
| Division: Traffic Ops, Parking & Trans. Planning | | | | | | | | |
| OPS-002-09 - Video Detection Infrastructure & Equipment Upgrade/Replacement Program | Growth | 0 | 500,000 | 400,000 | 400,000 | 120,000 | 120,000 | 1,540,000 |
| OPS-019-07 - New Parking Lot Development | Growth | 0 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 750,000 |
| OPS-001-10 - Traffic Signal LED Replacement Program | Maintenance | 0 | 350,000 | 450,000 | 200,000 | 200,000 | 200,000 | 1,400,000 |
| OPS-001-13 - Parking Equipment Replacement Program | Maintenance | 120,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 620,000 |
| OPS-003-14 - University Avenue Environmental Assessment Placeholder | Maintenance | 5,000,000 | 0 | 0 | 0 | 0 | 0 | 5,000,000 |
| OPS-006-17 - Victoria Reconstruction EA - Chatham to Park | Maintenance | 0 | 0 | 0 | 125,000 | 0 | 0 | 125,000 |
| OPS-010-07 - Advanced Traffic Management System (ATMS) - Capital Software/Hardware Upgrades | Maintenance | 600,000 | 600,000 | 600,000 | 600,000 | 600,000 | 234,000 | 3,234,000 |
| OPS-012-07 - Traffic Signals - Capital Upgrades and Replacements | Maintenance | 200,000 | 200,000 | 300,000 | 300,000 | 300,000 | 0 | 1,300,000 |
| OPS-018-07 - Parking Garage Capital Improvements | Maintenance | 300,000 | 600,000 | 600,000 | 1,100,000 | 600,000 | 600,000 | 3,800,000 |
| OPS-020-07 - Parking Lot Rehabilitation Program | Maintenance | 0 | 50,000 | 150,000 | 150,000 | 150,000 | 150,000 | 650,000 |
| Department: Transit Windsor | | | | | | | | |
| Division: Transit Maintenance | | | | | | | | |
| TRN-001-08 - Transit Windsor Smart Bus Technology/Intelligent Transportation System (ITS) Initiative | Growth | 0 | 500,000 | 0 | 0 | 0 | 0 | 500,000 |
| TRN-001-07 - Transit Windsor Fleet Replacement Program | Maintenance | 0 | 215,108 | 2,085,500 | 3,010,500 | 4,800,000 | 4,800,000 | 14,911,108 |
| TRN-001-16 - Transit Windsor Fleet Refurbishment/Repair Costs | Maintenance | 500,000 | 500,000 | 500,000 | 500,000 | 300,000 | 300,000 | 2,600,000 |
| TRN-010-17 - Acquisition of 40' Clean Diesel Buses | Maintenance | 4,000,000 | 2,247,392 | 0 | 0 | 0 | 0 | 6,247,392 |
| TRN-012-17 - Rehabilitation of Concrete Surfaces/Drains in Fuelling and Cleaning Area of the Maintenance Garage | Maintenance | 0 | 5,000 | 0 | 0 | 0 | 0 | 5,000 |
| TRN-013-17 - Rehabilitation of Concrete Surfaces throughout the Maintenance Garage | Maintenance | 0 | 50,000 | 0 | 0 | 0 | 0 | 50,000 |
| TRN-014-17 - Replacement of Three High-Speed Doors in the Maintenance Garage | Maintenance | 0 | 45,000 | 0 | 0 | 0 | 0 | 45,000 |
| TRN-017-17 - Installation of an Exhaust Unit for Improved Ventilation at Main Transit Terminal | Maintenance | 0 | 0 | 375,000 | 0 | 0 | 0 | 375,000 |
| TRN-018-17 - Acquisition of a Commercial Grade Floor Sweeper for Maintenance Garage Floor | Maintenance | 0 | 0 | 42,500 | 0 | 0 | 0 | 42,500 |
| TRN-019-17 - Acquisition of a Commercial Grade Parts Washer for the Maintenance Garage | Maintenance | 0 | 37,500 | 0 | 0 | 0 | 0 | 37,500 |
| TRN-021-17 - Acquisition of Fleet Inspection Equipment to Support the Bus Rehabilitation Program | Maintenance | 0 | 0 | 387,500 | 0 | 0 | 0 | 387,500 |

City of Windsor

Summary of Growth vs. Maintenance Related Projects (Gross Expenditure Level)

For Budget Year 2018

Division: Transit Operations

| | | | | | | | | |
|---|-------------|---|---------|---------|---|---|---|----------------|
| TRN-003-17 - Transit Windsor - West End Terminal | Growth | 0 | 548,000 | 0 | 0 | 0 | 0 | 548,000 |
| TRN-020-17 - Renovations and Enhancements to the Transportation Services Area | Maintenance | 0 | 0 | 100,000 | 0 | 0 | 0 | 100,000 |

Division: Transit Planning

| | | | | | | | | |
|--|--------|--------|---------|---------|--------|---|---|----------------|
| TRN-009-17 - Restoration of Multiple Transit Windsor Pedestrian Shelters | Growth | 20,000 | 120,000 | 320,000 | 20,000 | 0 | 0 | 480,000 |
|--|--------|--------|---------|---------|--------|---|---|----------------|

Division: Transit Sales & Customer Service

| | | | | | | | | |
|---|-------------|---|--------|---|---|---|---|---------------|
| TRN-015-17 - Expansion of Customer Service Parking to Support Increased Demand | Growth | 0 | 10,000 | 0 | 0 | 0 | 0 | 10,000 |
| TRN-016-17 - Renovations And Enhancements To Customer Service Area At The Main Transit Terminal | Maintenance | 0 | 20,000 | 0 | 0 | 0 | 0 | 20,000 |

| | | | | | |
|--|-------------------|-------------------|-------------------|-------------------|--------------------|
| | 65,342,694 | 75,040,242 | 67,316,400 | 69,337,910 | 410,838,585 |
|--|-------------------|-------------------|-------------------|-------------------|--------------------|

Growth Percent:

Service Area: Office of the City Solicitor

Department: Fire & Rescue

Division: Fire Operations

| | | | | | | | | |
|--|-------------|---|---|---|-----------|--------|--------|------------------|
| FRS-003-13 - New Fire Headquarters - Station #1 | Growth | 0 | 0 | 0 | 1,000,000 | 0 | 0 | 1,000,000 |
| FRS-007-18 - Thermal Imaging Camera - Fire & Rescue Services | Maintenance | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 100,000 |

Division: Fire Support Services

| | | | | | | | | |
|--|-------------|---------|--------|---|--------|---------|---|----------------|
| FRS-002-16 - Fire Engine Portable Hoists | Growth | 0 | 0 | 0 | 80,000 | 0 | 0 | 80,000 |
| FRS-001-18 - Radio Service Monitor | Maintenance | 0 | 0 | 0 | 45,000 | 0 | 0 | 45,000 |
| FRS-002-07 - Fire & Rescue Computer-aided Dispatch System (CRISYS) Upgrade | Maintenance | 0 | 50,000 | 0 | 0 | 50,000 | 0 | 100,000 |
| FRS-002-18 - Breathing Air-Compressor Replacement | Maintenance | 0 | 0 | 0 | 0 | 100,000 | 0 | 100,000 |
| FRS-004-07 - Firefighter Self-Contained Breathing Apparatus (SCBA) Replacement | Maintenance | 300,000 | 0 | 0 | 0 | 0 | 0 | 300,000 |
| FRS-004-18 - Posichek Machine (SCBA tester) | Maintenance | 0 | 0 | 0 | 0 | 25,000 | 0 | 25,000 |

Department: Legal

Division: Legal, Real Estate & Risk Mgmt

| | | | | | | | | |
|--|-------------|-----------|---------|-----------|---------|--------|---|------------------|
| LGL-001-17 - Former Marlborough Community Centre | Maintenance | 0 | 0 | 0 | 0 | 60,000 | 0 | 60,000 |
| LGL-003-17 - Confidential Property Related Matters - In-Camera Items | Maintenance | 1,000,000 | 100,000 | 3,950,000 | 500,000 | 0 | 0 | 5,550,000 |

Department: Planning & Building

Division: Urban Design

| | | | | | | | | |
|--|--------|---|---------|---------|---------|---------|-----------|------------------|
| ECB-042-18 - Theme Districting - Downtown, Sandwich, Walkerville, Riverside, Ford City, Asian Town | Growth | 0 | 175,000 | 234,000 | 696,000 | 300,000 | 3,595,000 | 5,000,000 |
|--|--------|---|---------|---------|---------|---------|-----------|------------------|

City of Windsor

Summary of Growth vs. Maintenance Related Projects (Gross Expenditure Level)

For Budget Year 2018

| | | | | | | | | |
|---|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------------------|
| PLN-021-07 - City Hall Square and Civic Esplanade | Maintenance | 0 | 500,000 | 258,000 | 300,000 | 500,000 | 0 | 1,558,000 |
| | | 1,300,000 | 825,000 | 4,442,000 | 2,621,000 | 1,085,000 | 3,645,000 | 13,918,000 |
| Growth Percent: | | | | | | | | |
| Total for: Tangible Capital Asset | | | | | | | | |
| Growth Percent: | | | | | | | | |
| Total Growth for Non-Tangible and Tangible Capital Asset: | 14,239,444 | 29,516,817 | 33,027,107 | 34,333,621 | 21,517,669 | 30,469,639 | 163,104,297 | |
| Growth Percentage: | 15.0 % | 26.7 % | 30.5 % | 31.2 % | 19.4 % | 29.2 % | 25.5 % | |
| Total Maintenance for Non-Tangible and Tangible Capital Asset: | 80,380,068 | 80,995,562 | 75,098,167 | 75,813,786 | 89,159,760 | 73,995,023 | 475,442,366 | |
| Maintenance Percentage: | 85.0 % | 73.3 % | 69.5 % | 68.8 % | 80.6 % | 70.8 % | 74.5 % | |
| Grand Total: | 94,619,512 | 110,512,379 | 108,125,274 | 110,147,407 | 110,677,429 | 104,464,662 | 638,546,663 | |

2018 Approved Capital Budget



Section F:

Capital Project Summaries

Agencies, Boards & Committees



Project Version Summary

| | | | |
|-----------------------|--------------------------------|---------------------|-------------------------------|
| Project # | TRN-005-07 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Agencies |
| Asset Type | Unassigned | Division | External Agencies |
| Title | Handi-Transit Bus Acquisitions | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|--|---|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|------------------|-------------------|--|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | | |
| Bus replacement vehicles which have been listed annually on the MTO Forms. Cost is estimated based on previous purchases, however, Handi Transit plans to access the Metrolinx project in order to obtain the best price possible before purchasing. | | | | 2019: Purchase 4 replacement vehicles - approx. cost \$120,000 ea. - \$480,000 2020: Purchase 2 replacement vehicles - approx. cost \$120,000 ea. - \$240,000 2022: Purchase 1 replacement vehicle - approx. cost \$120,000 ea. - \$120,000 2023: Purchase 1 replacement vehicle - approx. cost \$120,000 ea. - \$120,000 | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | |
| (7081003/7091038 Closed) 7151008/7161043 | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | | | | |
| 2019 | 480,000 | 480,000 | 0 | 5110 | Machinery & Equipment - TCA | | | | | | | | | | | | | | | |
| 2020 | 240,000 | 240,000 | 0 | | 0 | 480,000 | 240,000 | 0 | 120,000 | 120,000 | 600,000 | 1,560,000 | | | | | | | | |
| 2021 | 0 | 0 | 0 | | Total | | | | | | | | | | | | | | | |
| 2022 | 120,000 | 120,000 | 0 | Revenues | | | | | | | | | | | | | | | | |
| 2023 | 120,000 | 120,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | |
| 2024+ | 600,000 | 600,000 | 0 | | 0 | 480,000 | 240,000 | 0 | 120,000 | 120,000 | 600,000 | 1,560,000 | | | | | | | | |
| | 1,560,000 | 1,560,000 | 0 | | Total | | | | | | | | | | | | | | | |
| | | | | | 0 | 480,000 | 240,000 | 0 | 120,000 | 120,000 | 600,000 | 1,560,000 | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | | | | | | | |
| 2008 | 440,000 | 294,000 | 146,000 | | | | | | | | | | | | | | | | | |
| 2009 | 210,000 | 210,000 | 0 | | | | | | | | | | | | | | | | | |
| 2015 | 360,000 | 360,000 | 0 | | | | | | | | | | | | | | | | | |
| 2016 | 480,000 | 480,000 | 0 | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | | Exp/(Rev) | FTE Impact | | | | | | |
| | | | | Unknown | Handi-Transit acquired (4) four new buses in 2016, with these new vehicles in the fleet we will have 50% of our fleet that should require minimal maintenance in order to meet and maintain MTO requirements. | | | | | | | | 0 | 0 | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | | | | | | |
| 2007 | January 1, 2015 | Growth: 0.0 % Maintenance: 0.0 % | | Lori Colenutt | | | | 2020+ | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-------------------------------|
| Project # | RGC-001-18 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Roseland Golf & Country Club |
| Asset Type | Unassigned | Division | Roseland Operations |
| Title | Roseland/Little River Golf Courses Asset Replacement/Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | Ward 1 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|--|--|-------------|-------------|-------------|-----------------------------|----------------|-------------|--------------|----------------|
| Project Description | | | | Version Description | | | | | | | | | |
| <p>In a recent audit of the Roseland Golf and Curling Club by Price Waterhouse Cooper the need to develop a strategic / business plan as well as an asset management plan in conjunction with the City's Asset Planning Department was identified.</p> <p>The attached 2018 capital budget request represents an initial start to getting some of the more immediate capital needs and is supported by reports and conditions of capital assets which were assessed in 2017 or earlier based on physical condition and degree of risk which collectively would be difficult for Roseland to fund independently.</p> | | | | <p>Roseland Golf Course Building Infrastructure Rehabilitation - \$40,000 Roseland Golf Course Grounds Equipment Replacement - \$40,000 Little River Golf Course Cart / Pedestrian Bridge Restoration - \$20,000</p> | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| See attached document. | | | | As per CR176/2018, City Council approved a pre-commitment of \$100,000 for Roseland/Little River Golf Courses asset replacement/improvements. | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 Machinery & Equipment - TCA | | | | | | 100,000 | 0 | 0 | 100,000 |
| 2019 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2020 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2021 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2022 | 100,000 | 100,000 | 0 | | | 0 | 0 | 0 | 0 | 100,000 | 0 | 0 | 100,000 |
| 2023 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2024+ | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 100,000 | 100,000 | 0 | | | 0 | 0 | 0 | 0 | 100,000 | 0 | 0 | 100,000 |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | |
| 2018 | January 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | | Phil Roberts | | | | | 2023+ | | | | |



ROSELAND GOLF and CURLING CLUB
2018 Capital Plan

| Project Title | | Estimated Cost | Description | |
|---|---|--|-------------|---|
| Roseland Building Infrastructure Rehabilitation | | | | |
| | 1 | Replace Security and Alarm Monitoring System | \$ 20,000 | Complete replacement of current obsolete, unsupported system. |
| | 3 | Rehabilitate Kitchen Ventilation Equipment System | \$ 15,000 | Rehabilitate kitchen ventilation systems and equipment to NFPA safety standards. |
| | 4 | Replace Receiving Dock Roll Up Door | \$ 5,000 | Replace one of two aged and damaged doors. |
| TOTAL | | \$ 40,000 | | |
| Roseland Grounds Equipment Replacement | | | | |
| | 1 | Replace (one) Greens Mower | \$ 40,000 | Replace greens cutting mower which is past it's useful life cycle expectancy. |
| TOTAL | | \$ 40,000 | | |
| Little River Golf Course Pedestrian Bridge Restoration | | | | |
| | 1 | Restore bridge crossings over Little River channel | \$ 20,000 | Restore decking of one of three bridges at Little River Golf Course which carry pedestrians, golf carts and equipment to Provincial safety standards. |
| TOTAL | | \$ 20,000 | | |
| TOTAL 2018 | | \$ 100,000 | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | ECP-010-09 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Airport |
| Asset Type | Unassigned | Division | Windsor-Airport |
| Title | Airport Various Asset Replacement/Refurbishment/Upgrades | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | Ward 9 | | |
| Version Name | Main (Active) | | |

Project Description

The construction or rehabilitation of various aprons, taxiways and runways noted within the 10-yr. capital program dated 2005-2014.
Apron 1 rehabilitation and Golf West Taxiway was due in 2005-2006.
Apron 111 rehabilitation and Delta Taxiway was due in 2008-2009.
Runway 12-30 rehabilitation was due in 2015.

YQG has requested items as outlined in the attached YQG letter. However, due to limited capital funding, YQG will prioritize funds based on a reactive/urgent need to ensure continuous and safe operation at the Airport.

Version Description

2018: \$3,200,000 - Rehabilitation of Runway 12-30 Note: Represents total required expenditures with funding available in future years.
\$160,000 - Pavement / drainage work
\$40,000 - Replacement of roof on 3rd floor of Airport Terminal Building and Air Traffic Control Tower

2019: \$1,210,000 – Reconstruction of Hayes Road
\$1,167,000 - Replacement of Apron 1
\$150,000 - Replacement of Tower HVAC
\$140,000 – Replacement of the two wheel drive tractor

2020: \$1,311,000 – Replacement of the Apron 3 slab sections and rehabilitation of Taxiway D
\$210,000 - Replacement of Tandem axle dump trunk with 20 foot, 2-way snow blade
\$55,000 – Replacement of pick-up truck – staff vehicle #26
\$250,000 - Replacement of baggage carousel in International Wing
\$175,000 – Replacement of backhoe
\$95,000 - Replacement of sand storage building
\$250,000 - Widening taxiway India
\$150,000 - Replace former Shell FBO with a new ramp handling office / storage building

2021: \$750,000 – Replacement of runway edge and approach lighting systems
\$260,000 – Replacement of the 4-wheeled front-end loader
\$40,000 – Replacement of Man Lift Unit

2022: \$165,000 - Lighting upgrades for Runway 12-30
\$280,000 - Addition and upgrades to the Combined Services Building
\$55,000 - Replacement of the Runway Condition Reporting system

2023: \$250,000 - Replacement of the Emergency Generator
\$180,000 - Replace 1998 2 wheel drive tractor
\$280,000 - Mill and Pave Taxiway Alpha

Project Comments/Reference

7141054/7141055
See attached YQG letter approved by YQG Board of Directors.

Version Comments

This project is being submitted for available ACAP funding to offset the total cost of runway construction, provided the application is successful. Additional financing costs have been incorporated into the funding requirements, as funds will likely be spent in advance of being received.

As per the approved capital budget that was deliberated on Tue. Jan. 16th, 2018, funds in the amount of \$6m are being provided from the Airport operations.

| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
|----------------------------|------------------------------|------------------------------------|------------------|---------------------------|---|-----------|-----------|----------------------|---------|---------|---------|------------|------------|--|
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | |
| 2018 | 650,000 | 159,000 | 491,000 | 5410 | Construction Contracts - TCA | | | | | | | | | |
| 2019 | 2,896,000 | 0 | 2,896,000 | | 650,000 | 2,896,000 | 3,945,300 | 2,255,750 | 365,950 | 300,000 | 410,000 | 10,823,000 | | |
| 2020 | 3,945,300 | 489,000 | 3,456,300 | | Total | | | | | | | | | |
| 2021 | 2,255,750 | 2,087,000 | 168,750 | | 650,000 | 2,896,000 | 3,945,300 | 2,255,750 | 365,950 | 300,000 | 410,000 | 10,823,000 | | |
| 2022 | 365,950 | 365,950 | 0 | Revenues | | | | | | | | | | |
| 2023 | 300,000 | 300,000 | 0 | 028 | Sewer Surcharge | | | | | | | | | |
| 2024+ | 410,000 | 410,000 | 0 | | 159,000 | 0 | 0 | 0 | 0 | 0 | 0 | 159,000 | | |
| | 10,823,000 | 3,810,950 | 7,012,050 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | 6320 | Canada Specific Grants | | | | | | | | | |
| 2016 | 160,000 | 160,000 | 0 | | 450,000 | 0 | 393,300 | 168,750 | 0 | 0 | 0 | 1,012,050 | | |
| 2017 | 460,000 | 460,000 | 0 | 6990 | Other General Revenue | | | | | | | | | |
| | | | | | 41,000 | 2,896,000 | 3,063,000 | 0 | 0 | 0 | 0 | 6,000,000 | | |
| | | | | | Total | | | | | | | | | |
| | | | | | 650,000 | 2,896,000 | 3,945,300 | 2,255,750 | 365,950 | 300,000 | 410,000 | 10,823,000 | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | |
| Precedes | Project Title | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | |
| ECP-046-07 | Airport Capital Improvements | | | Unknown | These works are all related to replacement and refurbishment of existing equipment and are expected to result in decreased maintenance costs. | | | | | | | 0 | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | |
| 2009 | January 1, 2016 | Growth: 0.0 % Maintenance: 100.0 % | | France Isabelle Tunks | | | | Ongoing | | | | | | |



Windsor International Airport
 3200 County Rd. 42
 Unit Number 200
 Windsor, Ontario
 Canada, N8V 0A1

phone: 519-969-2430
 fax: 519-969-6053
 web: www.YQG.ca

September 7th 2017

Corporation of the City of Windsor
 350 City Hall Square West
 Windsor, ON N9A 6S1

Attention: Onorio Colucci, Chief Administrative Officer

Dear Mr. Colucci;

**RE: AMENDED SIX (6) YEAR CAPITAL PLAN FOR AIRPORT OPERATIONS
 YOUR QUICK GATEWAY (WINDSOR) INC.**

Your Quick Gateway (Windsor) Inc. ("YQG") hereby requests your consideration for funding the six – year capital plan for the Windsor International Airport. The capital funding is requested to sustain airport operations in compliance with ongoing Federal, Provincial and Municipal regulatory and legal requirements.

Airport Operations

Section 6.3 of the Airport Management Agreement between the Corporation of the City of Windsor and YQG provides as follows:

YQG shall prepare a five-year Capital Improvement Plan for the Airport which shall be reviewed by the Airport Coordinating Committee on an annual basis and recommended to Council for approval. Once the five-year plan has been approved by Council, items forming part of this plan shall be included in a Capital Budget within the five-year timeframe as decided by YQG and approved by the Airport Coordinating Committee.

The proposed capital improvements will benefit all airline passengers, general aviation aircraft as well as flight training facilities, the MRO and cargo aircraft. The capital improvements are required to help ensure that the airport meets safety-related regulatory requirements as prescribed by Transport Canada as well as the long-term growth of air service for domestic and international travelers.

The six – year capital budget is summarized in the following table.

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| Asset | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--------------|------------------|------------------|------------------|------------------|----------------|----------------|
| Management | 100,000 | 345,000 | 380,000 | 380,000 | 300,000 | 195,000 |
| Replacement | 3,400,000 | 2,667,000 | 2,496,000 | 1,050,000 | 500,000 | 710,000 |
| Total | 3,500,000 | 3,012,000 | 2,876,000 | 1,430,000 | 800,000 | 905,000 |

2018

Asset Management

There are no new requests related to asset management in 2018. The amount of \$100,000 that was previously approved in principle will be required for the storm water drainage maintenance and pavement rehab.

Asset Replacement

There are no new requests related to asset replacement in 2018. The amount of \$3,400,000 that was previously approved in principle will be required for the rehabilitation of Runway 12-30 (\$3,200,000), Pavement/Drainage work (\$160,000), and replacing the roof on the 3rd floor of the Airport Terminal Building and the Air Traffic Control Tower (\$40,000).

Runway 12-30 is nearing the end of its useful life and will require significant rehabilitation to permit its continued use. The runway way was last milled and paved in 1994. This project may qualify for up to \$900,000 of Airport Capital Assistance Program (ACAP) funding, thereby reducing the City's contribution to \$2,300,000. If significant improvements cannot be made to this runway within the next 2years, the airport would risk having to close the runway for landings and take offs, and limit the use to taxiing purposes only.

2019

Asset Management

There are no changes to the amount of \$345,000 that was previously approved in principle. This funding is required for ongoing Pavement Rehabilitation for Runway 07-25 (\$85,000) Replacement of Staff 21 pickup (\$50,000) and Fire Suppression Mains (\$210,000). The water mains that serve the fire hydrants around the Airport are starting to fail due to age. There was a break in the line in front of the terminal early in 2015 and a few other breaks in the previous years. Cathodic protection will be added, where feasible, to substantially extend the useful life.

Asset Replacement

For 2019 YQG is requesting \$2,667,000. This will be required for the following:

- Reconstruction of Hayes Road (\$1,210,000). This airport road is used by the general public, transport trucks and fire trucks. After 40 years without rehabilitation, the road is now in disrepair and services adjacent to the road require repair or replacement.
- Replacement of Apron 1 (\$1,167,000). This apron is near the end of its useful life. It was built in 1934 and last overlaid in 1982.
- Replacement of the Tower HVAC (\$150,000). This equipment is 35 years old and is approaching the end of its useful life.
- Replacement of the 2 wheel drive tractor(\$140,000)

2020

Asset Management

For 2020 YQG is requesting \$380,000. This funding is required for ongoing Drainage Maintenance, (\$100,000) Pavement Maintenance (\$100,000), Painting the exterior of the Combined Services Building and the steel dry storage building (\$40,000), and HVAC upgrades RTU #2 & 3 (\$140,000).

Asset Replacement

YQG is requesting \$2,496,000 for the following asset replacement or rehabilitation projects;

- Replacement of the Apron 3 slab and rehabilitation of Taxiway D (\$1,311,000). Sections of the apron and the taxiway are near the end of their useful life. The slab and the taxiway were installed in 1956 and sections of the taxiway were last overlaid in 1980. Apron 3 qualifies for up to 60% of ACAP funding.
- Replacement of the Tandem axle dump truck with a 20 foot, 2- way snow blade (\$210,000). The dump truck will be 32 years old and in need of costly repairs.
- Replacement of the Pick-up Truck, Staff vehicle # 26, (\$55,000). This truck will be 15 years old and in need of replacement.
- Replacement of the baggage carousel in the International Wing (\$250,000). This carousel was partially refurbished in 2014/15 but many of the parts have to be custom machined as the manufacturer is no longer in business and parts are not available.
- Replacement of the backhoe (\$175,000).
- Replacement of the sand storage building (\$95,000)
- Widening taxiway India, (\$250,000)
- Replace former Shell FBO with a new ramp handling office/storage building (\$150,000)

2021

Asset Management

YQG is requesting \$380,000. This funding is required for ongoing Drainage Maintenance and Culvert Replacement, (\$225,000), Pavement Maintenance for Runway 07-25 (\$100,000) upgrading of the Runway condition reporting system (\$55,000)

Asset Replacement

YQG is requesting \$1,050,000 for the following asset replacement or rehabilitation projects;

- Replacement of the runway edge and approach lighting systems (\$750,000). This equipment was installed in 1977 and 1980 respectively and is now failing electrical tests. A new LED edge lighting system will improve reliability, cut both maintenance and electrical costs. This project may qualify for ACAP funding up to 50%.
- Replacement of the 4 wheeled front-end loader (\$260,000). The current loader will be 27 years old and is currently showing significant wear.
- Replacement of the Man-lift Unit (\$40,000).

2022

Asset Management

YQG is requesting \$300,000. This funding is required for ongoing Drainage Maintenance (\$150,000) and Pavement Maintenance for Runway 07-25 (\$150,000)

Asset Replacement

YQG is requesting \$500,000 for the following asset replacement or rehabilitation projects;

- Lighting Upgrades for Runway 12-30 (\$165,000).
- Addition and upgrades to the Combined Services Building (\$280,000).
- Replacement of the Runway Condition Reporting system (\$55,000).

2023

Asset Management

YQG is requesting \$195,000. This funding is required for ongoing Drainage Maintenance (\$95,000), Pavement Maintenance for Runway 07-25 (\$100,000).

Asset Replacement

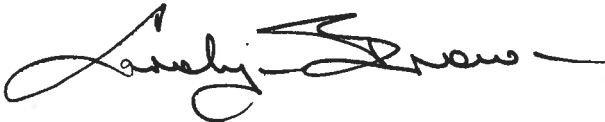
YQG is requesting \$710,000 for the following asset replacement or rehabilitation projects:

- Replacement of the Emergency Generator (\$250,000).
- Replace 1998 2 wheel drive tractor (\$180,000).
- Mill and Pave Taxiway Alpha (\$280,000).

Thank you for your consideration of the above and we look forward to hearing from you at your earliest convenience.

Sincerely,

YOUR QUICK GATEWAY (WINDSOR) INC.



Carolyn Brown
Chief Executive Officer

cc: Airport Coordinating Committee



Project Version Summary

| | | | |
|-----------------------|-------------------------------|---------------------|-------------------------------|
| Project # | ECP-046-07 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Airport |
| Asset Type | Unassigned | Division | Windsor-Airport |
| Title | Airport Capital Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | Ward 9 | | |
| Version Name | Main (Active) | | |

Project Description

YQG has requested various items as outlined in the attached YQG letter. However, due to limited capital funding, YQG must prioritize those capital items to ensure the continuous and safe operations of the Airport.

Version Description

2018: \$100,000 – Storm water drainage project and pavement rehabilitation
 Note: \$40,000 in PAYG funds required for 2017 Capital Budget requests.

2019: \$85,000 – Ongoing pavement rehabilitation for Runway 07-25
 \$50,000 – Replacement of Staff 21 pickup
 \$210,000 – Fire suppression mains

2020: \$100,000 – Ongoing drainage maintenance
 \$100,000 – Ongoing pavement maintenance
 \$40,000 – Painting the exterior of the Combined Services Building and steel dry storage building
 \$140,000 – HVAC upgrades RTU #2 & #3

2021: \$225,000 – Ongoing drainage maintenance and culvert replacement
 \$100,000 – Pavement maintenance for Runway 07-25
 \$55,000 – Upgrading Runway Condition Reporting System

2022: \$150,000 - Ongoing drainage maintenance
 \$150,000 - Pavement maintenance for Runway 07-25

2023: \$95,000 - Ongoing drainage maintenance
 \$100,000 - Pavement maintenance for Runway 07-25

Project Comments/Reference

(Closed: 7059011/7111009)
 7141054 Drainage Improv.
 7141055 Electrical-Fleet-Facilities
 See attached YQG letter dated August 10, 2017 and approved by YQG Board of Directors.

Version Comments

Additional project funds (\$2.5m) have been pre-approved in principle as a placeholder in the 2014 Approved Capital Budget. CR89/2014 Report #17088 approves this placeholder.

| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | |
|----------------------------|------------------|------------------|-----------|--|---|---------|---------|---------|---------|---------|------------------------------------|-----------|-----------------------|---------|----------------------|---------|---------|---------|---|-----------|
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | | | | | | |
| 2018 | 140,000 | 140,000 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | | | | |
| 2019 | 345,000 | 345,000 | 0 | | 140,000 | 345,000 | 380,000 | 380,000 | 300,000 | 195,000 | 0 | 1,740,000 | | | | | | | | |
| 2020 | 380,000 | 380,000 | 0 | | Total | | | | | | | | 140,000 | 345,000 | 380,000 | 380,000 | 300,000 | 195,000 | 0 | 1,740,000 |
| 2021 | 380,000 | 380,000 | 0 | Revenues | | | | | | | | | | | | | | | | |
| 2022 | 300,000 | 300,000 | 0 | 028 | Sewer Surcharge | | | | | | | | | | | | | | | |
| 2023 | 195,000 | 195,000 | 0 | | 100,000 | 0 | 0 | 220,000 | 150,000 | 95,000 | 0 | 565,000 | | | | | | | | |
| 2024+ | 0 | 0 | 0 | 160 | Capital Expenditure Reserve | | | | | | | | | | | | | | | |
| | 1,740,000 | 1,740,000 | 0 | | 0 | 255,000 | 380,000 | 0 | 125,000 | 100,000 | 0 | 860,000 | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | | | | | | | |
| 2009 | 250,000 | 250,000 | 0 | Unknown | These works are all related to rehabilitation and repair of existing Airport facilities and are expected to result in decreased operating costs, going forward. | | | | | | | 0 | 0 | | | | | | | |
| 2010 | 310,000 | 310,000 | 0 | | | | | | | | | | | | | | | | | |
| 2011 | 660,000 | 660,000 | 0 | | | | | | | | | | | | | | | | | |
| 2012 | 660,000 | 510,000 | 150,000 | | | | | | | | | | | | | | | | | |
| 2013 | 260,000 | 260,000 | 0 | | | | | | | | | | | | | | | | | |
| 2014 | 400,000 | 400,000 | 0 | | | | | | | | | | | | | | | | | |
| 2015 | 150,000 | 150,000 | 0 | | | | | | | | | | | | | | | | | |
| 2016 | 650,000 | 650,000 | 0 | | | | | | | | | | | | | | | | | |
| 2017 | 460,000 | 460,000 | 0 | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Project Title | | | | | | | Project Type for 2018 | | Project Lead | | Est. Completion Date | | | | | |
| Follows | | ECP-010-09 | | Airport Various Asset Replacement/Refurbishment/Upgrades | | | | | | | Growth: 0.0 % Maintenance: 100.0 % | | France Isabelle Tunks | | Ongoing | | | | | |



Windsor International Airport
 3200 County Rd. 42
 Unit Number 200
 Windsor, Ontario
 Canada, N8V 0A1

phone: 519-969-2430
 fax: 519-969-6053
 web: www.YQG.ca

September 7th 2017

Corporation of the City of Windsor
 350 City Hall Square West
 Windsor, ON N9A 6S1

Attention: Onorio Colucci, Chief Administrative Officer

Dear Mr. Colucci;

**RE: AMENDED SIX (6) YEAR CAPITAL PLAN FOR AIRPORT OPERATIONS
 YOUR QUICK GATEWAY (WINDSOR) INC.**

Your Quick Gateway (Windsor) Inc. ("YQG") hereby requests your consideration for funding the six – year capital plan for the Windsor International Airport. The capital funding is requested to sustain airport operations in compliance with ongoing Federal, Provincial and Municipal regulatory and legal requirements.

Airport Operations

Section 6.3 of the Airport Management Agreement between the Corporation of the City of Windsor and YQG provides as follows:

YQG shall prepare a five-year Capital Improvement Plan for the Airport which shall be reviewed by the Airport Coordinating Committee on an annual basis and recommended to Council for approval. Once the five-year plan has been approved by Council, items forming part of this plan shall be included in a Capital Budget within the five-year timeframe as decided by YQG and approved by the Airport Coordinating Committee.

The proposed capital improvements will benefit all airline passengers, general aviation aircraft as well as flight training facilities, the MRO and cargo aircraft. The capital improvements are required to help ensure that the airport meets safety-related regulatory requirements as prescribed by Transport Canada as well as the long-term growth of air service for domestic and international travelers.

The six – year capital budget is summarized in the following table.

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| Asset | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--------------------|-----------|-----------|-----------|-----------|---------|---------|
| | | | | | | |
| Management | 100,000 | 345,000 | 380,000 | 380,000 | 300,000 | 195,000 |
| | | | | | | |
| Replacement | 3,400,000 | 2,667,000 | 2,496,000 | 1,050,000 | 500,000 | 710,000 |
| | | | | | | |
| Total | 3,500,000 | 3,012,000 | 2,876,000 | 1,430,000 | 800,000 | 905,000 |

2018

Asset Management

There are no new requests related to asset management in 2018. The amount of \$100,000 that was previously approved in principle will be required for the storm water drainage maintenance and pavement rehab.

Asset Replacement

There are no new requests related to asset replacement in 2018. The amount of \$3,400,000 that was previously approved in principle will be required for the rehabilitation of Runway 12-30 (\$3,200,000), Pavement/Drainage work (\$160,000), and replacing the roof on the 3rd floor of the Airport Terminal Building and the Air Traffic Control Tower (\$40,000).

Runway 12-30 is nearing the end of its useful life and will require significant rehabilitation to permit its continued use. The runway way was last milled and paved in 1994. This project may qualify for up to \$900,000 of Airport Capital Assistance Program (ACAP) funding, thereby reducing the City's contribution to \$2,300,000. If significant improvements cannot be made to this runway within the next 2years, the airport would risk having to close the runway for landings and take offs, and limit the use to taxiing purposes only.

2019

Asset Management

There are no changes to the amount of \$345,000 that was previously approved in principle. This funding is required for ongoing Pavement Rehabilitation for Runway 07-25 (\$85,000) Replacement of Staff 21 pickup (\$50,000) and Fire Suppression Mains (\$210,000). The water mains that serve the fire hydrants around the Airport are starting to fail due to age. There was a break in the line in front of the terminal early in 2015 and a few other breaks in the previous years. Cathodic protection will be added, where feasible, to substantially extend the useful life.

Asset Replacement

For 2019 YQG is requesting \$2,667,000. This will be required for the following:

- Reconstruction of Hayes Road (\$1,210,000). This airport road is used by the general public, transport trucks and fire trucks. After 40 years without rehabilitation, the road is now in disrepair and services adjacent to the road require repair or replacement.
- Replacement of Apron 1 (\$1,167,000). This apron is near the end of its useful life. It was built in 1934 and last overlaid in 1982.
- Replacement of the Tower HVAC (\$150,000). This equipment is 35 years old and is approaching the end of its useful life.
- Replacement of the 2 wheel drive tractor(\$140,000)

2020

Asset Management

For 2020 YQG is requesting \$380,000. This funding is required for ongoing Drainage Maintenance, (\$100,000) Pavement Maintenance (\$100,000), Painting the exterior of the Combined Services Building and the steel dry storage building (\$40,000), and HVAC upgrades RTU #2 & 3 (\$140,000).

Asset Replacement

YQG is requesting \$2,496,000 for the following asset replacement or rehabilitation projects;

- Replacement of the Apron 3 slab and rehabilitation of Taxiway D (\$1,311,000). Sections of the apron and the taxiway are near the end of their useful life. The slab and the taxiway were installed in 1956 and sections of the taxiway were last overlaid in 1980. Apron 3 qualifies for up to 60% of ACAP funding.
- Replacement of the Tandem axle dump truck with a 20 foot, 2- way snow blade (\$210,000). The dump truck will be 32 years old and in need of costly repairs.
- Replacement of the Pick-up Truck, Staff vehicle # 26, (\$55,000). This truck will be 15 years old and in need of replacement.
- Replacement of the baggage carousel in the International Wing (\$250,000). This carousel was partially refurbished in 2014/15 but many of the parts have to be custom machined as the manufacturer is no longer in business and parts are not available.
- Replacement of the backhoe (\$175,000).
- Replacement of the sand storage building (\$95,000)
- Widening taxiway India, (\$250,000)
- Replace former Shell FBO with a new ramp handling office/storage building (\$150,000)

2021

Asset Management

YQG is requesting \$380,000. This funding is required for ongoing Drainage Maintenance and Culvert Replacement, (\$225,000), Pavement Maintenance for Runway 07-25 (\$100,000) upgrading of the Runway condition reporting system (\$55,000)

Asset Replacement

YQG is requesting \$1,050,000 for the following asset replacement or rehabilitation projects;

- Replacement of the runway edge and approach lighting systems (\$750,000). This equipment was installed in 1977 and 1980 respectively and is now failing electrical tests. A new LED edge lighting system will improve reliability, cut both maintenance and electrical costs. This project may qualify for ACAP funding up to 50%.
- Replacement of the 4 wheeled front-end loader (\$260,000). The current loader will be 27 years old and is currently showing significant wear.
- Replacement of the Man-lift Unit (\$40,000).

2022

Asset Management

YQG is requesting \$300,000. This funding is required for ongoing Drainage Maintenance (\$150,000) and Pavement Maintenance for Runway 07-25 (\$150,000)

Asset Replacement

YQG is requesting \$500,000 for the following asset replacement or rehabilitation projects;

- Lighting Upgrades for Runway 12-30 (\$165,000).
- Addition and upgrades to the Combined Services Building (\$280,000).
- Replacement of the Runway Condition Reporting system (\$55,000).

2023

Asset Management

YQG is requesting \$195,000. This funding is required for ongoing Drainage Maintenance (\$95,000), Pavement Maintenance for Runway 07-25 (\$100,000).

Asset Replacement

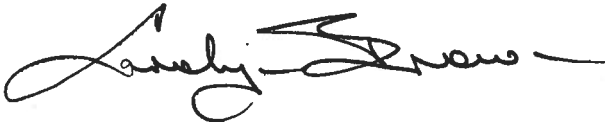
YQG is requesting \$710,000 for the following asset replacement or rehabilitation projects:

- Replacement of the Emergency Generator (\$250,000).
- Replace 1998 2 wheel drive tractor (\$180,000).
- Mill and Pave Taxiway Alpha (\$280,000).

Thank you for your consideration of the above and we look forward to hearing from you at your earliest convenience.

Sincerely,

YOUR QUICK GATEWAY (WINDSOR) INC.



Carolyn Brown
Chief Executive Officer

cc: Airport Coordinating Committee



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-------------------------------|
| Project # | ITC-002-16 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Corporate Radio Infrastructure Upgrades | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

Project Description

The corporate radio system is used by Windsor Police Services, Windsor Fire & Rescue Services, Transit Windsor and various operating departments within the Corporation of the City of Windsor. The system, an ASTRO P25 Digital Voice Radio Communications System from Motorola Solutions, was purchased in 2008 and implemented in 2009.

The digital radio system components can be classified into three categories, Infrastructure (servers, software, networking equipment and emergency dispatch computers), End User Devices (in-vehicle and portable radios), and Transmission Equipment (broadcasting).

The system Infrastructure has surpassed the typical useful life of similar Infrastructure for other corporate systems.

Due to the critical nature of the corporate radio system, the need to upgrade the Infrastructure in relatively short order, and considering that the End User Devices and Transmission Equipment still have several years of useful service life remaining, it is recommended that this upgrade is purchased as soon as possible from the current vendor, Motorola Solutions, in order to maintain operability of the entire system through to the expected end of life for the balance of the system. It is recommended that a Request For Proposal process (RFP) be conducted between 2021-2023 to align with the end of life of the End User Devices, to provide for a more comprehensive system replacement.

In addition to procuring an Infrastructure upgrade, a Motorola System Upgrade Agreement with Security Update Service will allow the City to keep the critical radio system Infrastructure current and reliable.

In order to ensure a sustainable funding model for the corporate radio system, a thorough analysis of cost and funding projections through 2033 was undertaken. It was determined that long term investment requirements to maintain a public safety grade radio system at an appropriate level is significant and the current funding model falls short. An operating budget increase of \$700,000 in 2017 is required. Administration will submit this operating budget issue during the 2017 operating budget process.

New corporate radio system sharing agreements with regional partners is a strategy that could reduce the net radio system costs for the City. Revenue from new sharing agreements would offset the funding requirements from the operating budget. The details and financial information related to any opportunities that appear likely will be brought forward to City Council for consideration and possible approval.

Version Description

Recommendations as noted in the November 2, 2015 Corporate Radio System Infrastructure Upgrade Council Report (Report #18016), approved via CR209/2015:

I. THAT City Council AUTHORIZE a one-time initial transfer of \$6,000,000 from the current Pay-As-You-Go Leasing Reserve fund to establish the new corporate radio system Pay-as-You-Go fund, with all current and subsequent annual transfers and expenditures relating to radios to be directed to and funded from this new Pay-as-You-Go reserve fund.

II. THAT City Council AUTHORIZE a Sole Source procurement, in compliance with applicable City of Windsor policies and by-laws, for the following from Motorola Solutions, to be funded from the new corporate radio system Pay-as-You-Go fund as described in item "I" above.

- Infrastructure upgrade, for a cost of \$1,589,205, plus net taxes
- A four-year System Upgrade Agreement with Security Update Service for an annual cost of \$254,777, plus net taxes

III. THAT City Council AUTHORIZE the Chief Administrative Officer and the City Clerk to sign the required agreements for the infrastructure upgrade and a four-year System Upgrade Agreement with Security Update Service with Motorola Solutions, subject to satisfactory review as to form by the City Solicitor, as to technical content by the Chief Information Officer /Executive Director of Information Technology and as to financial content by the Chief Financial Officer/City Treasurer.

IV. THAT City Council AUTHORIZE the Chief Administrative Officer and the City Clerk to sign a new four-year Motorola Communications System Support Agreement, subject to satisfactory review as to form by the City Solicitor, as to technical content by the Chief Information Officer /Executive Director of Information Technology and as to financial content by the Chief Financial Officer/City Treasurer This agreement will replace the existing Motorola Communications System Support Agreement, in order to realize a \$38,000 per year savings.

V. THAT City Council RECEIVE for information, and provide the approvals within this report with the understanding that these recommendations will result in a recommendation for a 2017 operating budget increase of a maximum of \$700,000 as an increased contribution by various departments, into the Corporate Radio system reserve; possibly lower if offset by community partnerships. Administration will bring the required operating budget issue forward during the 2017 operating budget process along with any possible mitigating measures.

VI. THAT City Council RECEIVE for information, the Corporate Radio System Steering Committee will begin the process of investigating a geo-redundant option for the corporate radio system, and will report its findings, including the upfront and ongoing costs, and related funding requirements to City Council for consideration.

| | | | | | | | | | | | | |
|---|----------------------|----------------------------------|----------------------------------|--|--|-------------|-----------------------------|-------------|-------------|------------------|-------------------|--------------|
| Project Comments/Reference | | | Version Comments | | | | | | | | | |
| 7151026 Funding for these projects is from the Corporate Radio Reserve (#198) See attached document - Operating Budget Issue #2018-0331 | | | | | | | | | | | | |
| Project Forecast | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 3,100,000 | 3,100,000 | 0 | 0 | 6,200,000 |
| 2020 | 0 | 0 | 0 | | <hr/> | | | | | | | |
| 2021 | 3,100,000 | 3,100,000 | 0 | Total | 0 | 0 | 0 | 3,100,000 | 3,100,000 | 0 | 0 | 6,200,000 |
| 2022 | 3,100,000 | 3,100,000 | 0 | Revenues | | | | | | | | |
| 2023 | 0 | 0 | 0 | 198 | Pay As You Go Corporate Radios Reserve | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 0 | 0 | 3,100,000 | 3,100,000 | 0 | 0 | 6,200,000 |
| | 6,200,000 | 6,200,000 | 0 | Total | 0 | 0 | 0 | 3,100,000 | 3,100,000 | 0 | 0 | 6,200,000 |
| Historical Approved Budget | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | |
| 2016 | 3,415,235 | 3,415,235 | 0 | | | | | | | | | |
| Related Projects | | | Operating Budget Impact | | | | | | | | | |
| | | | Effective Date | Description | | | | | | Exp/(Rev) | FTE Impact | |
| | | | 2018-01-01 | The radio system upgrade has resulted in a recommendation for a 2017 operating budget increase (2017-0331) as an increased contribution by various departments, into the Corporate Radio system reserve. | | | | | 275,000 | 0 | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | Est. Completion Date | | | | | |
| 2016 | January 1, 2016 | Growth: 0.0 % Maintenance: 0.0 % | Matt Caplin | | | | 2022 | | | | | |

| | | | |
|-----------------------|----------------------------|-----------------------|-----------------------------------|
| Budget Issue # | 2018-0331 | Stage | Stage 2: Departmental Development |
| CLT Office | Corporate | Classification | [1] Budget Increase |
| Department | Corporate Accounts | Category | [G] Line Item Increase |
| Division | Corporate Expense Accounts | Status | Public |

Phased-In Increase Related to the Corporate Radio System

Reflects a phased-in increase resulting from the 2015 Council-approved upgrade to the Corporate Radio System. While the annual increased transfer to the reserve was projected to be significantly higher, Administration is proposing a phased-in increase over 3 years to mitigate the impact to the levy. This issue reflects the increase of year 2 of 3.

Recommendation: Recommended by Department

One-Time Funding: n/a

Issue Detail

The Corporation of the City of Windsor (the City) owns a public safety grade radio system, which is operated as a shared service for Windsor Fire & Rescue Services, Windsor Police Service, Transit Windsor, YQG and various operating departments within the City. The system, an ASTRO P25 Digital Voice Radio Communications System from Motorola Solutions, was originally purchased in 2008 and implemented in 2009. The Council approved capital budget for that implementation was \$11,476,000.

The digital radio system components can be classified into three categories:

1. Infrastructure (servers, software, networking equipment and emergency dispatch computers)
2. End User Devices (in-vehicle and portable radios)
3. Transmission Equipment (broadcasting)

The equipment in the End User Devices category is expected to remain useful for an estimated twelve to fifteen years after the 2009 implementation. The Transmission Equipment may remain functional for approximately twenty years after the 2009 implementation.

Of the three system categories, Infrastructure has the shortest expected useful life. Infrastructure is the information technology (IT) portion of the system. This is the control equipment, servers, dispatch stations, networking equipment and software. Servers and computers in the City are typically replaced after approximately five years.

In April 2015, Motorola approached Windsor Fire & Rescue Services and Windsor Police Services with a proposal to upgrade the radio system's Infrastructure (servers, control equipment, software, networking equipment, emergency dispatch computers and some microwave equipment). Aside from the annual support payments, the City had not made radio system investments since it was originally purchased. Motorola advised that the City's Infrastructure, since it has not been upgraded 6+ years, was becoming a significant risk. At that time Motorola also proposed a service model that would keep the City's Infrastructure up to date, in order maintain an acceptable standard of reliability and security. The service model is called a, System Upgrade Agreement with Security Update Service (SUAI). Under this agreement, Motorola would patch and upgrade system software and replace Infrastructure hardware. The City is still responsible to replace the End User Devices and Transmission Equipment when those components reach end-of-life.

In addition to an Infrastructure upgrade, Windsor Police Services identified a need to invest in some level of system geo-redundancy in order to mitigate risks to public safety related to outages at the radio system's main control location (the Master-Prime site). The radio system has four

physical locations across the City, which includes the Master-Prime site. These locations are not the emergency dispatch centres; they are remote un-staffed locations that house the system infrastructure and transmission equipment. The Master-Prime site is the system's data centre, which houses the majority of the system's IT equipment.

In recognition of the mission critical nature of the corporate radio system, the breadth of its use, the significant size of this corporate asset, the system complexity, and the need to ensure system sustainability, a corporate radio system governance model was developed in July 2015. A Steering Committee and Working Group were established to provide a formal structure for operational and strategic decision making as it relates to the corporate radio system. These groups, after significant research, recommended to proceed with a radio system infrastructure upgrade, including the addition of system geo-redundancy.

The Steering Committee also recommended the creation of a separate pay-as-you-go reserve fund specific to the corporate radio system because separating the radio contributions, expenditures and remaining balances from other PAYG assets would greatly assist in the governance and strategic planning of the corporate radio system.

In establishing these recommendations, the Working Group and the Financial Accounting division developed detailed long-term radio system expenditure projections through the year 2033 to ensure the Steering Committee and City Council had an accurate understanding of the funding required to sustain the corporate radio system.

In 2015, an upgrade to the corporate radio system was approved by City Council through two Council Resolutions, CR209/2015 (November 2, 2015 – radio system upgrade) and B19/2015 (December 21, 2015 – addition of geo-redundancy to the radio system). CR209/2015 also approved the establishment of a new corporate radio system pay-as-you-go fund.

CR209/2015 included the following:

THAT City Council RECEIVE for information, and provide the approvals within this report with the understanding that these recommendations will result in a recommendation for a 2017 operating budget increase of a maximum of \$700,000 as an increased contribution by various departments, into the Corporate Radio system reserve; possibly lower if offset by community partnerships. Administration will bring the required operating budget issue forward during the 2017 operating budget process along with any possible mitigating measures.

B19/2015 included the following:

THAT City Council RECEIVE for information, and provide the approvals within this report with the understanding that these recommendations will result in a recommendation for a 2017 operating budget increase of a maximum of \$400,000 as an increased contribution by various departments, into the Corporate Radio system reserve; possibly lower if offset by community partnerships. Administration will bring the required operating budget issue forward during the 2017 operating budget process along with any possible mitigating measures.

The \$1.1 million identified in the above Council Resolutions is the additional amount of annual contributions required to the corporate radio reserve fund in order to sustain the corporate radio system in the long-term. This amount is based on the detailed radio system expenditure projections through the year 2033.

The required sustainable additional annual contribution has been reduced to \$825,000 due to revenues from an anticipated system sharing agreement with the Canada Border Services Agency as well as refined future cost projections. The additional \$825,000 can be phased in by increasing the annual budget by \$275,000 in each of 2017, 2018 and 2019.

Per the above schedule, during the 2017 budgeting process, City Council approved a 2017 operating budget increase of \$275,000.

The 2018 operating budget increase is therefore \$275,000.

| Department | Dept ID | GL Account | Municipal Levy | Building Permit Reserves | Off Street Parking Reserves | Sewer Surcharge Reserves |
|--------------------|--|---------------------------------|----------------|--------------------------|-----------------------------|--------------------------|
| Corporate Accounts | 0131740 - Corporate Radio Lease 134-38 | 4250 - TRANSFER to Reserve Fund | 275,000 | | | |
| | | Total Expenses | 275,000 | 0 | 0 | 0 |
| | | Net Total | 275,000 | 0 | 0 | 0 |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-001-09 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service Fleet Replacement/Refurbishment Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|---|----------------------|------------------------------------|------------------|---|--|-----------------------------------|-------------|-----------------------------|-------------|-------------|-------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | |
| The Police Fleet reserve has been created as per CR162/2008 dated April 14, 2008 to fund future replacement of police vehicles. Funding for this reserve will come as a transfer from Police's operating budget on an annual basis. | | | | The fleet replacement schedule was approved by the Windsor Police Service's Board on Jan. 24, 2014. | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| 7091014 | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 1,268,000 | 1,268,000 | 0 | 5110 Machinery & Equipment - TCA | | | | | | | | | |
| 2019 | 1,268,000 | 1,268,000 | 0 | | | 1,268,000 | 1,268,000 | 1,268,000 | 1,268,000 | 1,268,000 | 1,268,000 | 0 | 7,608,000 |
| 2020 | 1,268,000 | 1,268,000 | 0 | | | | | | | | | | |
| 2021 | 1,268,000 | 1,268,000 | 0 | | | | | | | | | | |
| 2022 | 1,268,000 | 1,268,000 | 0 | | | | | | | | | | |
| 2023 | 1,268,000 | 1,268,000 | 0 | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | |
| | 7,608,000 | 7,608,000 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | | Revenues | | | | | | | | | |
| | | Revenue | | 183 Police Fleet | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | 1,268,000 | 1,268,000 | 1,268,000 | 1,268,000 | 1,268,000 | 1,268,000 | 0 | 7,608,000 |
| 2009 | 1,100,000 | 1,100,000 | 0 | | | | | | | | | | |
| 2010 | 1,100,000 | 1,100,000 | 0 | | | | | | | | | | |
| 2011 | 1,200,000 | 1,200,000 | 0 | | | | | | | | | | |
| 2012 | 1,200,000 | 1,200,000 | 0 | | | | | | | | | | |
| 2013 | 1,200,000 | 1,200,000 | 0 | | | | | | | | | | |
| 2014 | 1,268,000 | 1,268,000 | 0 | | | | | | | | | | |
| 2015 | 1,268,000 | 1,268,000 | 0 | | | | | | | | | | |
| 2016 | 1,268,000 | 1,268,000 | 0 | | | | | | | | | | |
| 2017 | 1,268,000 | 1,268,000 | 0 | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | | No known operating budget impact. | | | | | | 0 | 0 |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | |
| 2009 | January 1, 2015 | Growth: 0.0 % Maintenance: 100.0 % | | Al Frederick | | | | Ongoing | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-001-11 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service Collision Reporting Centre - Expansion and Upgrades | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | Ward 9 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|--|----------------------|------------------------------------|------------------|--|--|------------------|-------------------|-----------------------------|-------------|-------------|--------------|--------------|-----------|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| Based on an approved business case, this project is part of a modernized combined facility featuring an expanded Collision Reporting Centre (CRC), secure storage space for archival data/information, back up 911 call taking and dispatch functions, secure specialty police vehicle storage, and a police electronic back up data facility. The project location is an existing property located at 2696 Jefferson Boulevard. At this point, the project is in the final detailed design and contract document preparation stages (specifications and drawings), with tender to be issued in late September 2017. Project is anticipated to be completed by late Spring 2018. | | | | Total estimated project cost is anticipated to be approximately \$3,644,000. In addition to funds currently existing in the project's capital account, additional funds shall be generated through the sale of the property at 5245 County Road 42 (a Council report confirms this), plus funds reallocated from a number of other approved Windsor Police capital projects. | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| Police project reference #2011-2 7061930 See document attached | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | |
| 2018 | 630,000 | 630,000 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | |
| 2019 | 370,000 | 370,000 | 0 | | | 630,000 | 370,000 | 0 | 0 | 500,000 | 0 | 0 | 1,500,000 | |
| 2020 | 0 | 0 | 0 | | Total | 630,000 | 370,000 | 0 | 0 | 500,000 | 0 | 0 | 1,500,000 | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | |
| 2022 | 500,000 | 500,000 | 0 | 160 | Capital Expenditure Reserve | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | 200,000 | 0 | 0 | 0 | 500,000 | 0 | 0 | 700,000 | |
| 2024+ | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | |
| | 1,500,000 | 1,500,000 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Historical Approved Budget | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | |
| 2017 | 500,000 | 0 | 500,000 | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | | |
| | | | | Unknown | Annual facility costs of operating a building, surrounding property and contribution to a reserve for future capital improvements, similar to what exists for both the Windsor Justice Facility and the Major F. A. Tilston Armoury and Police Training Centre. It is anticipated that because the project will be pursued as a LEED Gold certified development, the annual operating costs per square foot cannot be quantified until a finalized project design is completed but will be less than those for the existing facilities to be replaced. | 0 | 0 | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | |
| 2011 | January 1, 2019 | Growth: 100.0 % Maintenance: 0.0 % | | Barry Horrobin | | | | 2019 & Beyond | | | | | | |

Project #: POL-001-11

**Project Name: Windsor Police Service Collision Reporting Centre -
Expansion and Upgrades**

Projects Identified for Repurposing of approved funds to Jefferson Facility

| Project Number | Project Title | Project ID | Budget Year | Amount | Funding Source Account/Fund |
|-----------------------|---|-------------------|--------------------|---------------|--|
| POL-003-16 | WPS Microsoft Un\grades | 7161006 | 2016 | 100,000.00 | 7052 |
| N/A | Emergency Notification System | 7071076 | 2007 | 66,599.00 | 7052 |
| POL-001-15 | WPS Containment Team | 7161004 | 2016 | 75,000.00 | 7052 |
| POL-002-14 | WPS Training Classroom Table Replacements | 7171029 | 2017 | 65,000.00 | 7052 |
| POL-006-14 | WPS Bell 911 Voice (VoIP) Upgrade | 7171031 | 2017 | 200,000.00 | 7052 |
| POL-004-15 | Windsor Police Service - In-camera Item #5 | 7171030 | 2017 | 100,000.00 | 7052 |
| POL-014-16 | WPS Secure HQ Wireless Network | 7171032 | 2017 | 50,000.00 | 7052 |
| POL-004-15 | Windsor Police Service - In-camera Item #5 | - | 2018 | 100,000.00 | F195/7054 |
| POL-002-15 | WPS Next Generation 911 | - | 2018 | 150,000.00 | F195/7054 |
| POL-008-16 | Windsor Police Service - In-camera Item #11 | - | 2019 | 100,000.00 | F195/7054 |
| POL-007-16 | Windsor Police Service - In-camera Item #10 | - | 2018 | 180,000.00 | F195/7054 |
| POL-010-16 | WPS CIU Mobile Technology | - | 2019 | 70,000.00 | F195/7054 |
| POL-009-16 | WPS Internet Child Exploitation Program | - | 2019 | 100,000.00 | F195/7054 |
| POL-011-16 | WPS Mobile Occurrence & Scene Documentation | - | 2019 | 100,000.00 | F195/7054 |

Total amount to be repurposed and transferred to 7061930 - East End Police Station Relocation

1,456,599.00



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-001-16 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service E911 Voice Logger System Upgrades/Replacement | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|----------------------|----------------------------------|-----------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|-----------------------------|-------------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| The Emergency 911 Centre is legislated under the Police Services Act to ensure that all communications are recorded. The current voicelogger system will be at its end of life by 2020 and will require replacement/upgrade. | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 Machinery & Equipment - TCA | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 150,000 | 0 | 0 | 0 | 0 | 150,000 | | | |
| 2020 | 150,000 | 150,000 | 0 | Total | 0 | 0 | 150,000 | 0 | 0 | 0 | 0 | 150,000 | | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 195 Police Equipment Reserve | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 0 | 150,000 | 0 | 0 | 0 | 0 | 150,000 | | | |
| 2024+ | 0 | 0 | 0 | Total | 0 | 0 | 150,000 | 0 | 0 | 0 | 0 | 150,000 | | | |
| | 150,000 | 150,000 | 0 | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | | |
| | | | | Unknown | No known operating budget impact. | | | | | | | 0 | 0 | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | | | | | | Est. Completion Date | | | |
| 2016 | January 1, 2020 | Growth: 0.0 % Maintenance: 0.0 % | Director Lori Powers | | | | | | | | | Dec 31, 2020 | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-001-17 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service - In-camera Item #1 | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|----------------------|----------------------------------|------------------|--|-------------|-----------------------------------|-------------|-----------------------------|-------------|-------------|--------------|------------------|--|-------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5110 Machinery & Equipment - TCA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | <table border="0" style="width: 100%;"> <tr> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> </tr> <tr> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> </tr> </table> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 75,000 | 75,000 | 0 | <table border="0" style="width: 100%;"> <tr> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> </tr> <tr> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> </tr> </table> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | <table border="0" style="width: 100%;"> <tr> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> </tr> <tr> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> </tr> </table> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 75,000 | 75,000 | 0 | <table border="0" style="width: 100%;"> <tr> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> <td style="width: 10px;"></td> </tr> <tr> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> <td style="border-top: 1px solid black;"></td> </tr> </table> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Effective Date | | Description | | | | | | Exp/(Rev) | | FTE Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Unknown | | No known operating budget impact. | | | | | | 0 | | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2017 | January 1, 2021 | Growth: 0.0 % Maintenance: 0.0 % | | Constable Ing | | | | 2021 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-002-15 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service Next Generation 911 Infrastructure Upgrades | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|----------------------|--|--------------------|-------------|-------------|-------------|-------------|-------------|------------------|-------------------|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| Next Generation 9-1-1 (abbreviated NG9-1-1) refers to an initiative aimed at updating the 9-1-1 service infrastructure to improve public emergency communications services in a growingly wireless mobile society. Komutel's SIT 911 was purchased in 2014 for the purpose of migrating to internet protocol (IP) for data for 911. The migration to IP is the foundation for NG911 and this product will be used as the database structure for NG911. The product that will be developed for NG911 will be added to Komutel's SIT 911. | | | | In addition to calling 9-1-1 from a phone, the system enables the public to transmit text, images, video and data to the 9-1-1 centre (referred to as a Public Safety Answering Point, or PSAP). The initiative also envisions additional types of emergency communications and data transfer. This NG9-1-1 infrastructure is intended to replace the current services over time. Requested budgets by year are placeholders so that funds can accumulate to cover the associated costs with upgrading to NG911 as those costs are not known at this time. | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 Machinery & Equipment - TCA | 0 | 200,000 | 50,000 | 65,000 | 0 | 0 | 0 | 315,000 | | | |
| 2019 | 200,000 | 200,000 | 0 | Total | 0 | 200,000 | 50,000 | 65,000 | 0 | 0 | 0 | 315,000 | | | |
| 2020 | 50,000 | 50,000 | 0 | Revenues | | | | | | | | | | | |
| 2021 | 65,000 | 65,000 | 0 | 195 Police Equipment Reserve | 0 | 200,000 | 50,000 | 65,000 | 0 | 0 | 0 | 315,000 | | | |
| 2022 | 0 | 0 | 0 | Total | 0 | 200,000 | 50,000 | 65,000 | 0 | 0 | 0 | 315,000 | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | |
| | 315,000 | 315,000 | 0 | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| Related Projects | | | | Effective Date | Description | | | | | | Exp/(Rev) | FTE Impact | | | |
| | | | | 2020-01-01 | Maintenance costs | | | | | | 20,000 | 0 | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | |
| 2015 | January 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | Director Lori Powers | Dec 31, 2020+ | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-002-16 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service Backup E911 Centre Upgrades | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|----------------------------------|--|-----------------------------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|------------------|-------------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | |
| The Emergency 911 Centre backup facility will require a technological upgrade to the Public Branch Exchange System, computers, monitors and software. This upgrade will ensure that the backup facility is compliant with Next Generation 911 and new internet protocol features. | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 Machinery & Equipment - TCA | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | 0 | 0 | 100,000 | 0 | 0 | 0 | 0 | 100,000 | | | |
| 2020 | 100,000 | 100,000 | 0 | Total | | 0 | 0 | 100,000 | 0 | 0 | 0 | 0 | 100,000 | | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 195 Police Equipment Reserve | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | 0 | 0 | 100,000 | 0 | 0 | 0 | 0 | 100,000 | | | |
| 2024+ | 0 | 0 | 0 | Total | | 0 | 0 | 100,000 | 0 | 0 | 0 | 0 | 100,000 | | | |
| 100,000 | | 100,000 | | 0 | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | | Exp/(Rev) | FTE Impact | | |
| | | | | Unknown | | No known operating budget impact. | | | | | | | 0 | 0 | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | |
| 2016 | January 1, 2020 | Growth: 0.0 % Maintenance: 0.0 % | | Director Lori Powers | | | | | Dec 31, 2020 | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-002-17 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service - In-camera Item #2 | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|-----------------------------------|----------------------|----------------------------------|------------------|-------------------------------------|-----------------------------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 Machinery & Equipment - TCA | | | | 75,000 | 0 | 0 | 0 | 75,000 | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 75,000 | 0 | 0 | 0 | 75,000 | | |
| 2020 | 0 | 0 | 0 | Total | 0 | 0 | 0 | 75,000 | 0 | 0 | 0 | 75,000 | | |
| 2021 | 75,000 | 75,000 | 0 | Revenues | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | 75,000 | 0 | 0 | 0 | 75,000 | | |
| 2023 | 0 | 0 | 0 | | 0 | 0 | 0 | 75,000 | 0 | 0 | 0 | 75,000 | | |
| 2024+ | 0 | 0 | 0 | Total | 0 | 0 | 0 | 75,000 | 0 | 0 | 0 | 75,000 | | |
| | 75,000 | 75,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| Related Projects | | | | Effective Date | Description | | | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | No known operating budget impact. | | | | | | | 0 | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | |
| 2017 | January 1, 2021 | Growth: 0.0 % Maintenance: 0.0 % | | Constable Ing | | | | December 31, 2021 | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-003-14 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service - In-camera Item #3 | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|----------------------------------|-----------------------------------|-------------|-------------|-----------------------------|-------------|-------------|------------------|-------------------|---------|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | |
| WPS project reference #2013-20 7141008 | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | |
| | | | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | |
| Year | Total Expense | Revenue | | Expenses | | | | | | | | | | | | | | |
| | | Net City Cost | Subsidies | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 | Machinery & Equipment - TCA | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 100,000 | 0 | 0 | 0 | 0 | 0 | 100,000 | | | | | |
| 2020 | 100,000 | 100,000 | 0 | Total | 0 | 0 | 100,000 | 0 | 0 | 0 | 0 | 0 | 100,000 | | | | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 195 | Police Equipment Reserve | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 0 | 100,000 | 0 | 0 | 0 | 0 | 0 | 100,000 | | | | | |
| | 100,000 | 100,000 | 0 | Total | 0 | 0 | 100,000 | 0 | 0 | 0 | 0 | 0 | 100,000 | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Revenue | | | | | | | | | | | | | | | | |
| | | Net City Cost | Subsidies | | | | | | | | | | | | | | | |
| 2014 | 265,000 | 265,000 | 0 | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | Exp/(Rev) | FTE Impact | | | | | | |
| | | | | Unknown | No known operating budget impact. | | | | | | 0 | 0 | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | | | | |
| 2014 | January 1, 2020 | Growth: 0.0 % Maintenance: 0.0 % | | Inspector T. Crowley | | | | Dec 31 2020+ | | | | | | | | | | |



Project Version Summary

Project # POL-003-16 **Service Area** Agencies, Boards & Committees
Budget Year 2018 **Department** Windsor Police Services
Asset Type Unassigned **Division** Administration - Police

Title Windsor Police Service Microsoft Office Software Upgrades
Budget Status Council Approved Budget
Major Category Corporate Technology
Wards City Wide
Version Name Main (Active)

| | | | | | | | | | | | | | | | | | | | |
|--|----------------------|------------------------------------|------------------|----------------------------------|-----------------------------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|------------------|-------------------|--|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | |
| The City of Windsor uses Microsoft Office suite of software products for all of its business document related needs. In keeping with this standard, the Windsor Police Service uses the same software products. The city is considering an upgrade to Microsoft Office 2013 in 2016. For compatibility reasons, it is recommended the Windsor Police Service upgrade at the same time. A phased approach is expected, given training requirements. | | | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | |
| 7161006 | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | | | | | | |
| 2018 | 100,000 | 100,000 | 0 | Expenses | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5110 | Machinery & Equipment - TCA | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 100,000 | 0 | 0 | 0 | 0 | 0 | 75,000 | 175,000 | | | | | | | |
| 2021 | 0 | 0 | 0 | Total | 100,000 | 0 | 0 | 0 | 0 | 0 | 75,000 | 175,000 | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 195 | Police Equipment Reserve | | | | | | | | | | | | | | |
| 2024+ | 75,000 | 75,000 | 0 | | 100,000 | 0 | 0 | 0 | 0 | 0 | 75,000 | 175,000 | | | | | | | |
| | 175,000 | 175,000 | 0 | Total | 100,000 | 0 | 0 | 0 | 0 | 0 | 75,000 | 175,000 | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | | | | | | |
| 2016 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | |
| 2017 | 75,000 | 75,000 | 0 | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | |
| | | | | <u>Effective Date</u> | <u>Description</u> | | | | | | | <u>Exp/(Rev)</u> | <u>FTE Impact</u> | | | | | | |
| | | | | Unknown | No known operating budget impact. | | | | | | 0 | 0 | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | | | |
| 2016 | January 1, 2016 | Growth: 0.0 % Maintenance: 100.0 % | | Director Matt Caplin | | | | | Dec 31, 2018 | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-003-17 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service - In-camera Item #4 | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

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|-----------------------------------|----------------------|----------------------------------|------------------|-------------------------------------|-----------------------------------|-------------|-------------|-----------------------------|-------------|-------------|------------------|-------------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 Machinery & Equipment - TCA | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 100,000 | 0 | 0 | 0 | 100,000 | | |
| 2020 | 0 | 0 | 0 | Total | 0 | 0 | 0 | 100,000 | 0 | 0 | 0 | 100,000 | | |
| 2021 | 100,000 | 100,000 | 0 | Revenues | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 0 | 0 | 100,000 | 0 | 0 | 0 | 100,000 | | |
| 2024+ | 0 | 0 | 0 | Total | 0 | 0 | 0 | 100,000 | 0 | 0 | 0 | 100,000 | | |
| | 100,000 | 100,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| Related Projects | | | | Effective Date | Description | | | | | | Exp/(Rev) | FTE Impact | | |
| | | | | Unknown | No known operating budget impact. | | | | | 0 | 0 | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | |
| 2017 | January 1, 2021 | Growth: 0.0 % Maintenance: 0.0 % | | Constable Ing | | | | 2021 | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-004-15 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service - In-camera Item #5 | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | |
|-----------------------------------|----------------------|----------------------------------|-----------------------|---------------------|-----------------------------|-------------|-------------|-----------------------------|-------------|-------------|------------------|-------------------|
| Project Description | | Version Description | | | | | | | | | | |
| Project Comments/Reference | | Version Comments | | | | | | | | | | |
| 7171030 | | | | | | | | | | | | |
| Project Forecast | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 | Machinery & Equipment - TCA | | | | | | | |
| 2019 | 200,000 | 200,000 | 0 | | 0 | 200,000 | 0 | 0 | 0 | 0 | 0 | 200,000 |
| 2020 | 0 | 0 | 0 | Total | 0 | 200,000 | 0 | 0 | 0 | 0 | 0 | 200,000 |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | |
| 2022 | 0 | 0 | 0 | 195 | Police Equipment Reserve | | | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 200,000 | 0 | 0 | 0 | 0 | 0 | 200,000 |
| 2024+ | 0 | 0 | 0 | Total | 0 | 200,000 | 0 | 0 | 0 | 0 | 0 | 200,000 |
| | 200,000 | 200,000 | 0 | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | |
| 2017 | 100,000 | 100,000 | 0 | | | | | | | | | |
| Related Projects | | Operating Budget Impact | | | | | | | | | | |
| | | Effective Date | Description | | | | | | | | Exp/(Rev) | FTE Impact |
| | | 2020-01-01 | Maintenance contracts | | | | | | | | 20,000 | 0 |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | |
| 2015 | January 1, 2017 | Growth: 0.0 % Maintenance: 0.0 % | | Insp. P. Keane | | | | Dec 31, 2020+ | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-004-16 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service - In-camera Item #6 | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|-----------------------------------|----------------------|----------------------------------|------------------|----------------------------------|-----------------------------------|-----------------------------|-------------|-------------|-------------|------------------|-------------------|--------------|---------|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| Project Comments/Reference | | 7161007 | | Version Comments | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | <u>Revenue</u> | | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 | Machinery & Equipment - TCA | | | | | | | | | |
| 2019 | 50,000 | 50,000 | 0 | | 0 | 50,000 | 50,000 | 50,000 | 100,000 | 100,000 | 50,000 | 400,000 | | |
| 2020 | 50,000 | 50,000 | 0 | | Total | | 0 | 50,000 | 50,000 | 100,000 | 100,000 | 50,000 | 400,000 | |
| 2021 | 50,000 | 50,000 | 0 | Revenues | | | | | | | | | | |
| 2022 | 100,000 | 100,000 | 0 | 195 | Police Equipment Reserve | | | | | | | | | |
| 2023 | 100,000 | 100,000 | 0 | | 0 | 50,000 | 50,000 | 50,000 | 100,000 | 100,000 | 50,000 | 400,000 | | |
| 2024+ | 50,000 | 50,000 | 0 | | Total | | 0 | 50,000 | 50,000 | 100,000 | 100,000 | 50,000 | 400,000 | |
| | 400,000 | 400,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | |
| | | <u>Revenue</u> | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | |
| 2016 | 50,000 | 50,000 | 0 | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | Exp/(Rev) | FTE Impact | | | |
| | | | | Unknown | No known operating budget impact. | | | | | | 0 | 0 | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | Est. Completion Date | | | | | | | | |
| 2016 | January 1, 2016 | Growth: 0.0 % Maintenance: 0.0 % | | D/C Derus | | Ongoing | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-004-17 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service - In-camera Item #7 | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|-----------------------------------|----------------------|----------------------------------|------------------|----------------------------------|-----------------------------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 | Machinery & Equipment - TCA | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 75,000 | 0 | 0 | 0 | 75,000 | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | |
| 2021 | 75,000 | 75,000 | 0 | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | |
| | 75,000 | 75,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| Related Projects | | | | Effective Date | Description | | | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | No known operating budget impact. | | | | | | | 0 | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | |
| 2017 | January 1, 2021 | Growth: 0.0 % Maintenance: 0.0 % | | Constable Ing | | | | 2021 | | | | | | |



Project Version Summary

| | | | |
|-----------------------|----------------------------|---------------------|-------------------------------|
| Project # | POL-005-15 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | WPS Use of Force Simulator | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|----------------------------------|-------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| Information from a recent homicide investigation where patrol officers experienced auditory exclusion confronting a murder suspect prompted a request for additional scenario based training. This increased demand for realistic relevant training lends itself to Use of Force Simulation Technology. | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7161008 | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 Machinery & Equipment - TCA | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 160,000 | 160,000 | | |
| 2020 | 0 | 0 | 0 | Total | 0 | 0 | 0 | 0 | 0 | 0 | 160,000 | 160,000 | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 195 Police Equipment Reserve | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 160,000 | 160,000 | | |
| 2024+ | 160,000 | 160,000 | 0 | Total | 0 | 0 | 0 | 0 | 0 | 0 | 160,000 | 160,000 | | |
| | 160,000 | 160,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | |
| 2016 | 80,000 | 80,000 | 0 | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | |
| 2015 | January 1, 2016 | Growth: 0.0 % Maintenance: 0.0 % | | T. Crowley | | | | | Dec 31, 2024+ | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-005-17 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service - In-camera Item #8 | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|-----------------------------------|----------------------|----------------------------------|------------------|-------------------------------------|-----------------------------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 Machinery & Equipment - TCA | | | | 85,000 | 0 | 0 | 0 | 85,000 | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 85,000 | 0 | 0 | 0 | 85,000 | | |
| 2020 | 0 | 0 | 0 | Total | 0 | 0 | 0 | 85,000 | 0 | 0 | 0 | 85,000 | | |
| 2021 | 85,000 | 85,000 | 0 | Revenues | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | 85,000 | 0 | 0 | 0 | 85,000 | | |
| 2023 | 0 | 0 | 0 | | 0 | 0 | 0 | 85,000 | 0 | 0 | 0 | 85,000 | | |
| 2024+ | 0 | 0 | 0 | Total | 0 | 0 | 0 | 85,000 | 0 | 0 | 0 | 85,000 | | |
| | 85,000 | 85,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| Related Projects | | | | Effective Date | Description | | | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | No known operating budget impact. | | | | | | | 0 | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | |
| 2017 | January 1, 2021 | Growth: 0.0 % Maintenance: 0.0 % | | Constable Ing | | | | 2021 | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-006-13 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service Network Infrastructure Upgrades | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| Project Description | | This project will replace all of the communications switches contained in the 6 communications closets located at Windsor Police headquarters and in the 5 remote Windsor Police Service locations. The equipment provides and manages connectivity to the Windsor Police Service network for all Windsor Police computers and network devices. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------------------|---|----------------------|-----------------------------|-------------|-----------|---------------|----------------|----------------------------------|-------|-------|------------|----------------------------------|-------|---------|---------|---|------|---|---|---|----------------------------------|---|---------|---|------|---|---|---|---------|--------------|----------|----------------|----------|----------|----------|----------|----------------|----------------|-----------------|----------|--|--|--|--|--|--|--|-------------------------------------|---|---------|---|---|---|---|---|---------|--------------|----------|----------------|----------|----------|----------|----------|----------|----------------|
| Project Comments/Reference | | 7132001 Police project reference #2013-22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | Version Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr> <td>2018</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2019</td> <td>150,000</td> <td>150,000</td> <td>0</td> </tr> <tr> <td>2020</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2021</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2022</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2023</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2024+</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td colspan="2">150,000</td> <td>150,000</td> <td>0</td> </tr> </tbody> </table> | | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2018 | 0 | 0 | 0 | 2019 | 150,000 | 150,000 | 0 | 2020 | 0 | 0 | 0 | 2021 | 0 | 0 | 0 | 2022 | 0 | 0 | 0 | 2023 | 0 | 0 | 0 | 2024+ | 0 | 0 | 0 | 150,000 | | 150,000 | 0 | <p>The warranty on the equipment is approximately 5 years and will need replacement at the expiry of the warranty and to meet any new updated technology advancements and connectivity requirements.</p> | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 150,000 | 150,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 150,000 | | 150,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | Version Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5110 Machinery & Equipment - TCA</td> <td>0</td> <td>150,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>150,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>150,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>150,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td>0</td> <td>150,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>150,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>150,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>150,000</td> </tr> </tbody> </table> | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5110 Machinery & Equipment - TCA | 0 | 150,000 | 0 | 0 | 0 | 0 | 0 | 150,000 | Total | 0 | 150,000 | 0 | 0 | 0 | 0 | 0 | 150,000 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | 0 | 150,000 | 0 | 0 | 0 | 0 | 0 | 150,000 | Total | 0 | 150,000 | 0 | 0 | 0 | 0 | 0 | 150,000 |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5110 Machinery & Equipment - TCA | 0 | 150,000 | 0 | 0 | 0 | 0 | 0 | 150,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 150,000 | 0 | 0 | 0 | 0 | 0 | 150,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | 0 | 150,000 | 0 | 0 | 0 | 0 | 0 | 150,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 150,000 | 0 | 0 | 0 | 0 | 0 | 150,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Operating Budget Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>2018-01-01</td> <td>Annual licencing and maintenance</td> <td>5,000</td> <td>0</td> </tr> <tr> <td>2019-01-01</td> <td>Annual licencing and maintenance</td> <td>5,000</td> <td>0</td> </tr> </tbody> </table> | | Effective Date | Description | Exp/(Rev) | FTE Impact | 2018-01-01 | Annual licencing and maintenance | 5,000 | 0 | 2019-01-01 | Annual licencing and maintenance | 5,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018-01-01 | Annual licencing and maintenance | 5,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019-01-01 | Annual licencing and maintenance | 5,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2013 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | Director Matt Caplin | Dec 31 2019 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-006-17 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service Operations Centre (WPSOC) | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|----------------------------------|-----------------------------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|------------------|-------------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| <p>The Windsor Police Service Operations Centre (WPSOC) is designed to serve as the Command and Control Centre for all "real-time" policing activities in the City of Windsor. Positional authority for the Windsor Police Service Operations Centre (WPSOC) will rest with the Staff Sergeant of Patrol who will oversee day-to-day operations for the Windsor Police Service. The Staff Sergeant of Patrol, assisted by an embedded Executive Officer, Media Officer and the E911 Communications Centre, will collate information provided by various sources and provide a common operating picture that it disseminates to the field and command in order to enhance situational awareness, increase the agency's ability to respond both strategically and tactically to virtually any incident and proactively allocate resources to community issues. It will serve as a one-stop information portal for internal and external policing partners, a command-and-control structure during major incidents and an always available supervisory resource to frontline police officers.</p> | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 250,000 | 1,250,000 | 0 | 0 | 1,500,000 | | | |
| 2021 | 250,000 | 250,000 | 0 | Total | | 0 | 0 | 0 | 250,000 | 1,250,000 | 0 | 0 | 1,500,000 | | |
| 2022 | 1,250,000 | 1,250,000 | 0 | Revenues | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 0 | 0 | 250,000 | 1,250,000 | 0 | 0 | 1,500,000 | | | |
| | 1,500,000 | 1,500,000 | 0 | Total | | 0 | 0 | 0 | 250,000 | 1,250,000 | 0 | 0 | 1,500,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | | |
| | | | | Unknown | No known operating budget impact. | | | | | | 0 | 0 | | | |
| Related Projects | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2017 | January 1, 2021 | Growth: 0.0 % Maintenance: 0.0 % | | Deputy Chief Derus | | | | 2022 | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-007-13 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service Business Intelligence Technology and Processes Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

Project Description

Windsor Police Service has been collecting vast amounts of data within its Versadex RMS-CAD since 2001. However, there is no software within that system to provide Business Intelligence (BI) to improve operational efficiency and measure effectiveness without human intervention to conceive, perceive or identify an issue, structure a browse/query to obtain data to address the issue, conduct the query, organize the data, analyze the data and provide meaningful solutions in a timely manner to all of the necessary people. Business Intelligence (BI) technologies provide historical, current, and predictive views of business operations through automated functions such as reporting, dashboarding, online analytical processing, analytics, data mining, process mining, complex event processing, business performance management, benchmarking of key performance indicators (internal & external), text mining and combined field and free text search, predictive analytics, and prescriptive analytics. As Business Intelligence (BI) systems are decision support systems, acquisition of a Business Intelligence (BI) software system will finally provide the Windsor Police Service with the tools to provide the necessary data to the right people in a timely and meaningful way for effective data driven decision making, eliminating manual and inefficient processes, streamline operations, and provide data-driven intelligence to patrol officers, using data to predict criminal activity to efficiently focus resources, and provide real time information to police in a smarter, cost efficient and safer manner.

Currently, Windsor Police Service is implementing PHASE 1 of a "Business Intelligence" (BI) data driven policing model. All police data collected and processed is being organized in an efficient manner using hardware, software and services to allow for easy searches and retrieval. Manual data processes are being reviewed and inefficient processes are either being eliminated or replaced with a streamlined electronic process.

PHASE 2 will be the next step. Advanced predictive analysis will be implemented to provide an in depth data-driven intelligence to patrol officers using data previously collected to predict criminal activity. This will efficiently focus resources.

Project Comments/Reference

7132002
Police project reference numbers 2013-3 and 2013-6

Version Description

Phase 1 of the project was approved as part of the 2013 enhanced plan (B26-2013). Project was delayed due to staffing changes. Work is still ongoing.

Phase 2 of the project is targeted for 2021.

Version Comments

| Project Forecast | | | Revenue | | Project Detailed Forecast | | | | | | | | | | | |
|-----------------------------------|-------------------|----------------------------------|--------------------------------|----------------------------------|---------------------------------|------|------|-----------------------------|------|------|-------|------------------|-------------------|--|--|--|
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5110 | Machinery & Equipment - TCA | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 500,000 | 0 | 0 | 0 | 500,000 | | | | |
| 2021 | 500,000 | 500,000 | 0 | Total | 0 | 0 | 0 | 500,000 | 0 | 0 | 0 | 500,000 | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 0 | 0 | 500,000 | 0 | 0 | 0 | 500,000 | | | | |
| | 500,000 | 500,000 | 0 | Total | 0 | 0 | 0 | 500,000 | 0 | 0 | 0 | 500,000 | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | |
| Related Projects | | | Operating Budget Impact | | | | | | | | | | | | | |
| | | | Effective Date | Description | | | | | | | | Exp/(Rev) | FTE Impact | | | |
| | | | Unknown | Annual licencing and maintenance | | | | | | | | 0 | 0 | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | | Est. Completion Date | | | | | | | | |
| 2013 | January 1, 2020 | Growth: 0.0 % Maintenance: 0.0 % | D/C Derus | | | | | 2020 & Beyond | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-007-14 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service - In-camera Item #9 | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| Project Description | | | | Version Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------|-------------------|----------------|------------------------------------|----------------|----------------|-------------------------|----------------|---------------|-----------------------------------|-----------|------------------|---------|-------------------|---|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|-------|---|---|---|--|----------------|----------------|----------|--|--|--|--|--|--|--|--|--|--|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|----------------------------------|---------|---------|---------|---------|---------|---------|---|---------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------|----------------|-----------------|--|--|--|--|--|--|--|--|---------------------------------|---------|---|---|---------|---|---|---|---------|-------------------------------------|---|---------|---|---|---|---|---|---------|------------------------------|---|---|---------|---|---------|---------|---|---------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------|----------------|
| Project Comments/Reference 7141010 | | | | Version Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>220,000</td><td>220,000</td><td>0</td></tr> <tr><td>2019</td><td>155,000</td><td>155,000</td><td>0</td></tr> <tr><td>2020</td><td>125,000</td><td>125,000</td><td>0</td></tr> <tr><td>2021</td><td>125,000</td><td>125,000</td><td>0</td></tr> <tr><td>2022</td><td>125,000</td><td>125,000</td><td>0</td></tr> <tr><td>2023</td><td>125,000</td><td>125,000</td><td>0</td></tr> <tr><td>2024+</td><td>0</td><td>0</td><td>0</td></tr> <tr><td></td><td>875,000</td><td>875,000</td><td>0</td></tr> </tbody> </table> | | | | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2018 | 220,000 | 220,000 | 0 | 2019 | 155,000 | 155,000 | 0 | 2020 | 125,000 | 125,000 | 0 | 2021 | 125,000 | 125,000 | 0 | 2022 | 125,000 | 125,000 | 0 | 2023 | 125,000 | 125,000 | 0 | 2024+ | 0 | 0 | 0 | | 875,000 | 875,000 | 0 | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5110 Machinery & Equipment - TCA</td> <td>220,000</td> <td>155,000</td> <td>125,000</td> <td>125,000</td> <td>125,000</td> <td>125,000</td> <td>0</td> <td>875,000</td> </tr> <tr> <td>Total</td> <td>220,000</td> <td>155,000</td> <td>125,000</td> <td>125,000</td> <td>125,000</td> <td>125,000</td> <td>0</td> <td>875,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>160 Capital Expenditure Reserve</td> <td>220,000</td> <td>0</td> <td>0</td> <td>125,000</td> <td>0</td> <td>0</td> <td>0</td> <td>345,000</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td>0</td> <td>155,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>155,000</td> </tr> <tr> <td>195 Police Equipment Reserve</td> <td>0</td> <td>0</td> <td>125,000</td> <td>0</td> <td>125,000</td> <td>125,000</td> <td>0</td> <td>375,000</td> </tr> <tr> <td>Total</td> <td>220,000</td> <td>155,000</td> <td>125,000</td> <td>125,000</td> <td>125,000</td> <td>125,000</td> <td>0</td> <td>875,000</td> </tr> </tbody> </table> | | | | | | | | | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5110 Machinery & Equipment - TCA | 220,000 | 155,000 | 125,000 | 125,000 | 125,000 | 125,000 | 0 | 875,000 | Total | 220,000 | 155,000 | 125,000 | 125,000 | 125,000 | 125,000 | 0 | 875,000 | Revenues | | | | | | | | | 160 Capital Expenditure Reserve | 220,000 | 0 | 0 | 125,000 | 0 | 0 | 0 | 345,000 | 169 Pay As You Go - Capital Reserve | 0 | 155,000 | 0 | 0 | 0 | 0 | 0 | 155,000 | 195 Police Equipment Reserve | 0 | 0 | 125,000 | 0 | 125,000 | 125,000 | 0 | 375,000 | Total | 220,000 | 155,000 | 125,000 | 125,000 | 125,000 | 125,000 | 0 | 875,000 |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 220,000 | 220,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 155,000 | 155,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 125,000 | 125,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 125,000 | 125,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 125,000 | 125,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 125,000 | 125,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 875,000 | 875,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5110 Machinery & Equipment - TCA | 220,000 | 155,000 | 125,000 | 125,000 | 125,000 | 125,000 | 0 | 875,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 220,000 | 155,000 | 125,000 | 125,000 | 125,000 | 125,000 | 0 | 875,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 160 Capital Expenditure Reserve | 220,000 | 0 | 0 | 125,000 | 0 | 0 | 0 | 345,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | 0 | 155,000 | 0 | 0 | 0 | 0 | 0 | 155,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 195 Police Equipment Reserve | 0 | 0 | 125,000 | 0 | 125,000 | 125,000 | 0 | 375,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 220,000 | 155,000 | 125,000 | 125,000 | 125,000 | 125,000 | 0 | 875,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2014</td><td>250,000</td><td>250,000</td><td>0</td></tr> <tr><td>2016</td><td>75,000</td><td>75,000</td><td>0</td></tr> <tr><td>2017</td><td>125,000</td><td>125,000</td><td>0</td></tr> </tbody> </table> | | | | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2014 | 250,000 | 250,000 | 0 | 2016 | 75,000 | 75,000 | 0 | 2017 | 125,000 | 125,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2014 | 250,000 | 250,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2016 | 75,000 | 75,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2017 | 125,000 | 125,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Effective Date | | | | | | Description | | Exp/(Rev) | | FTE Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Unknown | | | | | | No known operating budget impact. | | 0 | | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Identified | | Start Date | | Project Type for 2018 | | | Project Lead | | | Est. Completion Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2014 | | January 1, 2018 | | Growth: 0.0 % Maintenance: 100.0 % | | | Director Barry Horrobin | | | Ongoing | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-------------------------------|
| Project # | POL-007-16 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service - In-camera Item #10 | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | |
|-----------------------------------|----------------------|----------------------------------|------------------|----------------------------------|-----------------------------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|------------------|-------------------|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5110 | Machinery & Equipment - TCA | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 180,000 | 180,000 | | | | | |
| 2021 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 180,000 | 180,000 | | | | | |
| 2022 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 180,000 | 180,000 | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 180,000 | 180,000 | | | | | |
| 2024+ | 180,000 | 180,000 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 180,000 | 180,000 | | | | | |
| | 180,000 | 180,000 | 0 | | Revenues | | | | | | | | | | | | |
| | | | | 195 | Police Equipment Reserve | | | | | | | | | | | | |
| | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 180,000 | 180,000 | | | | | |
| | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 180,000 | 180,000 | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | |
| Related Projects | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | | | | |
| | | | | Unknown | No known operating budget impact. | | | | | | | 0 | 0 | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | | | |
| 2016 | January 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | | Superintendent E. Hickey | | | | Dec 31, 2019 | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-007-17 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service Patrol Line-up Room Modernization | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|-----------------------------------|--|-----------------------------------|-------------|-----------------------------|-------------|-------------|-------------|------------------|--------------|-------------------|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| <p>The Patrol Briefing Room Modernization Project will transform the currently outdated and technology absent Briefing Room to a modern, efficient and aesthetically pleasing area for daily briefings of frontline officers. On duty members will receive their daily assignments, crime information/bulletins and training in a set up that quickly disseminates departmental information in an efficient manner. Supervisors, using a variety of technology including Smart boards and sophisticated software programs will be able to properly brief their shift members at the beginning of their tour of duty.</p> <p>The Patrol Briefing Room Modernization Project will also ensure the room furniture/layout/technology is configurable for use as a training classroom/report writing room or emergency operations centre if required.</p> | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | 0 | 0 | 0 | 0 | 0 | 0 | 500,000 | 500,000 | | |
| 2019 | 0 | 0 | 0 | Total | | 0 | 0 | 0 | 0 | 0 | 0 | 500,000 | 500,000 | | |
| 2020 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | 195 Police Equipment Reserve | | 0 | 0 | 0 | 0 | 0 | 0 | 500,000 | 500,000 | | |
| 2022 | 0 | 0 | 0 | Total | | 0 | 0 | 0 | 0 | 0 | 0 | 500,000 | 500,000 | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2024+ | 500,000 | 500,000 | 0 | | | | | | | | | | | | |
| | 500,000 | 500,000 | 0 | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | Exp/(Rev) | | FTE Impact | |
| | | | | Unknown | | No known operating budget impact. | | | | | | 0 | | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2017 | January 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | | Superintendent St. Louis | | | | 2022 | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-------------------------------|
| Project # | POL-008-16 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service - In-camera Item #11 | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|-----------------------------------|----------------------|----------------------------------|------------------|----------------------------------|-----------------------------------|-------------|-------------|-----------------------------|-------------|-------------|------------------|-------------------|--|
| Project Description | | | | Version Description | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 Machinery & Equipment - TCA | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 175,000 | 175,000 | |
| 2020 | 0 | 0 | 0 | Total | 0 | 0 | 0 | 0 | 0 | 0 | 175,000 | 175,000 | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 195 Police Equipment Reserve | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 175,000 | 175,000 | |
| 2024+ | 175,000 | 175,000 | 0 | Total | 0 | 0 | 0 | 0 | 0 | 0 | 175,000 | 175,000 | |
| | 175,000 | 175,000 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| Related Projects | | | | Effective Date | Description | | | | | | Exp/(Rev) | FTE Impact | |
| | | | | Unknown | No known operating budget impact. | | | | | | 0 | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | |
| 2016 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | | Supt. E. Hickey | | | | Dec 31, 2019 | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-008-17 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service CRISIS Negotiator Unit (life-cycle replacement) | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|-------------------------------------|--|-------------------------------|-------------|-----------------------------|-------------|-------------|-------------|------------------|--------------|-------------------|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| This project entails the maintenance and/or replacement of equipment to help ensure that the Windsor Police Service remains able to safely respond to high-risk tactical, crisis negotiation or related critical situations in which the lives of officers and community members are put in immediate jeopardy (legislated requirement). Existing equipment to be maintained and/or replaced as part of this project includes the Direct-Link Crisis Response Throw Phone System, Wireless Remote Area Perimeter Sharing (WRAPS) System, Wireless First Responder Loud Hailer, the Structural Tactical Acoustic Receiver and Sender (STARS) System as well as the various other tools utilized by incident command personnel and operators. | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 Machinery & Equipment - TCA | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | 0 | 0 | 0 | 60,000 | 0 | 0 | 0 | 60,000 | | |
| 2020 | 0 | 0 | 0 | Total | | 0 | 0 | 0 | 60,000 | 0 | 0 | 0 | 60,000 | | |
| 2021 | 60,000 | 60,000 | 0 | Revenues | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | 0 | 0 | 0 | 60,000 | 0 | 0 | 0 | 60,000 | | |
| 2024+ | 0 | 0 | 0 | Total | | 0 | 0 | 0 | 60,000 | 0 | 0 | 0 | 60,000 | | |
| | 60,000 | 60,000 | 0 | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | Exp/(Rev) | | FTE Impact | |
| | | | | Unknown | | Computer, telephone, supplies | | | | | | 0 | | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2017 | | Growth: 0.0 % Maintenance: 0.0 % | | Staff Sergeant Crowley | | | | 2021 | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-009-14 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | WPS HQ Building Workspace Reconfigurations | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|--|----------------------|------------------------------------|------------------|--|------------------------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| There are a number of areas within Windsor Police HQ facility that have become highly inefficient and ergonomically less functional since the building was first constructed 15 years ago. | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7161011 | | | | WPS Board meeting dated June 22, 2017 approved the consolidation of 7161009 - WPS Investment Master Plan & Renovation into 7161011 - WPS Workplace Ergonomic & Efficiency Reconstruction project. This is to ensure overall facility project coordination. The consolidated project shall be entitled HQ Facility Renovations. | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | |
| 2018 | 250,000 | 250,000 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 250,000 | 0 | 0 | 0 | 0 | 0 | 2,000,000 | 2,250,000 | | |
| 2020 | 0 | 0 | 0 | | Total | 250,000 | 0 | 0 | 0 | 0 | 2,000,000 | 2,250,000 | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 195 | Police Equipment Reserve | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 250,000 | 0 | 0 | 0 | 0 | 0 | 2,000,000 | 2,250,000 | | |
| 2024+ | 2,000,000 | 2,000,000 | 0 | | Total | 250,000 | 0 | 0 | 0 | 0 | 2,000,000 | 2,250,000 | | |
| | | 2,250,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | |
| 2016 | 200,000 | 200,000 | 0 | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | |
| 2014 | January 1, 2016 | Growth: 0.0 % Maintenance: 100.0 % | | Director Barry Horrobin | | | | | Dec 31, 2020+ | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-------------------------------|
| Project # | POL-009-16 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service Internet Child Anti-Exploitation Initiatives | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|----------------------------------|--|-----------------------------------|-------------|-----------------------------|-------------|-------------|-------------|------------------|--------------|-------------------|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| This project is to provide additional software and equipment to assist in the fight against the exploitation of children through the internet. It is imperative to the safety of the community that this mandate is maintained. Not only for the vital service it provides for the well being of our vulnerable children but for the service it provides in a multitude of other criminal investigations where cell phone, video, and computer technology are vital components of any and all investigations. | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 Machinery & Equipment - TCA | | 0 | 0 | 0 | 0 | 0 | 0 | 100,000 | 100,000 | | |
| 2019 | 0 | 0 | 0 | Total | | 0 | 0 | 0 | 0 | 0 | 0 | 100,000 | 100,000 | | |
| 2020 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | 195 Police Equipment Reserve | | 0 | 0 | 0 | 0 | 0 | 0 | 100,000 | 100,000 | | |
| 2022 | 0 | 0 | 0 | Total | | 0 | 0 | 0 | 0 | 0 | 0 | 100,000 | 100,000 | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2024+ | 100,000 | 100,000 | 0 | | | | | | | | | | | | |
| | 100,000 | 100,000 | 0 | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | Exp/(Rev) | | FTE Impact | |
| | | | | Unknown | | No known operating budget impact. | | | | | | 0 | | 0 | |
| Related Projects | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2016 | January 1, 2024 | Growth: 0.0 % Maintenance: 0.0 % | | Supterintendant E. Hickey | | | | Dec 31, 2024 | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-009-17 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service Disaster Recovery (DR) Backup/Replication Site Implementation | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|---|----------------------|------------------------------------|------------------|--|--|-----------------------------------|----------------|-----------------------------|-------------|-------------|-------------|---------------|----------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | | | |
| A new design/build of an IT infrastructure disaster recovery site at the WPS Operational Support Facility will provide basic geo-diversity for server hardware only. Additional funding is required to implement industry standard best practice architectures to ensure adequate data security and resiliency. Funds are required for the engagement of technical network and security consulting services as well as additional hardware and software for the DR site implementation. | | | | Cost breakdown estimate includes: Veeam Software (\$22,000), Server with proper # of drives (\$50,000). Not included is the cost of the upgrade fibre line to the Disaster Recovery (DR) site and other unpredictable costs (\$28,000) and the Disaster Recovery (DR) site to house the RMS/CAD/exchange /etc. | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| 7181014 | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 150,000 | 150,000 | 0 | 5110 Machinery & Equipment - TCA | | | | | | | | | | | |
| 2019 | 100,000 | 100,000 | 0 | | | 150,000 | 100,000 | 0 | 0 | 0 | 0 | 75,000 | 325,000 | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2024+ | 75,000 | 75,000 | 0 | Revenues | | | | | | | | | | | |
| | 325,000 | 325,000 | 0 | 195 Police Equipment Reserve | | 150,000 | 100,000 | 0 | 0 | 0 | 0 | 75,000 | 325,000 | | |
| | | | | | | Total | 150,000 | 100,000 | 0 | 0 | 0 | 75,000 | 325,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| Related Projects | | | | Effective Date | | Description | | | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | | No known operating budget impact. | | | | | | | | 0 | 0 |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2017 | January 1, 2018 | Growth: 0.0 % Maintenance: 100.0 % | | Tony Petrilli | | | | 2019 | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-------------------------------|
| Project # | POL-010-14 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service - In-camera Item #12 | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| Project Description | | | | Version Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------------------|----------------------------------|------------|---|----------|----------|----------|------------------|-----------------------------|---------------|-----------|------|---|----------------|-------------|-----------|------------|------------|-----------------------|--------|---|------------|---------------------|---------|-----------|-----------|---|------|---|---|---|------|---|---|---|-------|---|---|---|------------------|--|------------------|----------|---|--|--|--|--|--|--|--|--|--|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|----------------------------------|---|---|---|-----------|---|---|---|-----------|--------------|----------|----------|----------|------------------|----------|----------|----------|------------------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|---|---|---|-----------|---|---|---|-----------|--------------|----------|----------|----------|------------------|----------|----------|----------|------------------|
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr> <td>2018</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2019</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2020</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2021</td> <td>1,000,000</td> <td>1,000,000</td> <td>0</td> </tr> <tr> <td>2022</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2023</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2024+</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td colspan="2">1,000,000</td> <td>1,000,000</td> <td>0</td> </tr> </tbody> </table> | | | | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2018 | 0 | 0 | 0 | 2019 | 0 | 0 | 0 | 2020 | 0 | 0 | 0 | 2021 | 1,000,000 | 1,000,000 | 0 | 2022 | 0 | 0 | 0 | 2023 | 0 | 0 | 0 | 2024+ | 0 | 0 | 0 | 1,000,000 | | 1,000,000 | 0 | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5110 Machinery & Equipment - TCA</td> <td>0</td> <td>0</td> <td>0</td> <td>1,000,000</td> <td>0</td> <td>0</td> <td>0</td> <td>1,000,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>1,000,000</td> <td>0</td> <td>0</td> <td>0</td> <td>1,000,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td>0</td> <td>0</td> <td>0</td> <td>1,000,000</td> <td>0</td> <td>0</td> <td>0</td> <td>1,000,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>1,000,000</td> <td>0</td> <td>0</td> <td>0</td> <td>1,000,000</td> </tr> </tbody> </table> | | | | | | | | | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5110 Machinery & Equipment - TCA | 0 | 0 | 0 | 1,000,000 | 0 | 0 | 0 | 1,000,000 | Total | 0 | 0 | 0 | 1,000,000 | 0 | 0 | 0 | 1,000,000 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | 0 | 0 | 0 | 1,000,000 | 0 | 0 | 0 | 1,000,000 | Total | 0 | 0 | 0 | 1,000,000 | 0 | 0 | 0 | 1,000,000 |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 1,000,000 | 1,000,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,000,000 | | 1,000,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5110 Machinery & Equipment - TCA | 0 | 0 | 0 | 1,000,000 | 0 | 0 | 0 | 1,000,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 1,000,000 | 0 | 0 | 0 | 1,000,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | 0 | 0 | 0 | 1,000,000 | 0 | 0 | 0 | 1,000,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 1,000,000 | 0 | 0 | 0 | 1,000,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | <table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>2021-01-01</td> <td>Maintenance Contracts</td> <td>40,000</td> <td>0</td> </tr> <tr> <td>2021-01-01</td> <td>Salary and Benefits</td> <td>110,000</td> <td>1</td> </tr> </tbody> </table> | | | | | | | | | | Effective Date | Description | Exp/(Rev) | FTE Impact | 2021-01-01 | Maintenance Contracts | 40,000 | 0 | 2021-01-01 | Salary and Benefits | 110,000 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021-01-01 | Maintenance Contracts | 40,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021-01-01 | Salary and Benefits | 110,000 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2014 | January 1, 2021 | Growth: 0.0 % Maintenance: 0.0 % | | Deputy Chief R. Derus | | | | | Dec 31, 2020+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-010-16 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service Mobile Technology Initiatives | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|----------------------------------|--|-----------------------------------|-------------|-----------------------------|-------------|-------------|-------------|------------------|--------------|-------------------|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| <p>CIU is looking to provide all Intelligence and Surveillance officers with mobile computers and cellular access for use in their daily duties and details. They spend a large amount of time working in the field often beginning and ending their shift without ever entering Headquarters. Notes and reports are generated daily and need to be submitted electronically, in a timely manner, to the requesting investigator. Photographic evidence and video evidence is also gathered on a regular basis during these assignments. Currently, valuable time and resources are wasted by having officers report to a police facility for the sole purpose of completing and submitting reports along with digital evidence. A mobile computer would eliminate the need to attend a police facility to complete these tasks, improve efficiencies within the operating unit, increase officer and public safety by not having to leave an operation to complete reports that can now be completed on the road, much like patrol officers. The cost of outfitting all officers with the appropriate computer, software, peripherals, and cellular internet access would be \$70,000.</p> | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | <u>Revenue</u> | | <u>GL Account</u> | | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 Machinery & Equipment - TCA | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 70,000 | 70,000 | | |
| 2020 | 0 | 0 | 0 | Total | | 0 | 0 | 0 | 0 | 0 | 0 | 70,000 | 70,000 | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 195 Police Equipment Reserve | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 70,000 | 70,000 | | |
| 2024+ | 70,000 | 70,000 | 0 | Total | | 0 | 0 | 0 | 0 | 0 | 0 | 70,000 | 70,000 | | |
| | 70,000 | 70,000 | 0 | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | Exp/(Rev) | | FTE Impact | |
| | | | | Unknown | | No known operating budget impact. | | | | | | 0 | | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2016 | January 1, 2024 | Growth: 0.0 % Maintenance: 0.0 % | | Superintendent E. Hickey | | | | Dec 31, 2024+ | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-------------------------------|
| Project # | POL-010-17 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service - In-camera Item #13 | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|-----------------------------------|----------------------|----------------------------------|------------------|----------------------------------|-----------------------------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|------------------|-------------------|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 | Machinery & Equipment - TCA | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 75,000 | 0 | 0 | 0 | 75,000 | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | |
| 2021 | 75,000 | 75,000 | 0 | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | |
| | 75,000 | 75,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| Related Projects | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | |
| | | | | Unknown | No known operating budget impact. | | | | | | | 0 | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | |
| 2017 | | Growth: 0.0 % Maintenance: 0.0 % | | Inspector Fryer | | | | 2021 | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-011-16 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service Mobile Occurrence/Scene Documentation Application | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|----------------------------------|--|-----------------------------------|-------------|-----------------------------|-------------|-------------|-------------|------------------|-------------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| The objective of this project is to leverage the Windsor Police Service' investment in mobile technology (smartphones/tablets). This project will see the deployment applications on those devices that will assist all frontline personnel with the streamlined, at-source, capture of searchable digital multimedia reports, notes and scene imagery via secure wireless handheld technology. This project will ensure a variety of effective text capture methods are available to officers - including voice to text dictation - to reduce overall reporting time and duplication of efforts required with traditional reporting and note-taking methods. Significant time savings and quality improvements are anticipated at occurrence scenes, as well as downstream during electronic Crown brief production and subsequent trial environments. | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 Machinery & Equipment - TCA | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | 0 | 0 | 150,000 | 0 | 0 | 0 | 0 | 150,000 | | |
| 2020 | 150,000 | 150,000 | 0 | Total | | 0 | 0 | 150,000 | 0 | 0 | 0 | 0 | 150,000 | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 195 Police Equipment Reserve | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | 0 | 0 | 150,000 | 0 | 0 | 0 | 0 | 150,000 | | |
| 2024+ | 0 | 0 | 0 | Total | | 0 | 0 | 150,000 | 0 | 0 | 0 | 0 | 150,000 | | |
| | 150,000 | 150,000 | 0 | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | Exp/(Rev) | FTE Impact | | |
| | | | | Unknown | | No known operating budget impact. | | | | | | 0 | 0 | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2016 | January 1, 2020 | Growth: 0.0 % Maintenance: 0.0 % | | Sgt. J. Belanger | | | | Dec 31, 2020 | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-------------------------------|
| Project # | POL-011-17 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service - In-camera Item #14 | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|-----------------------------------|----------------------|----------------------------------|------------------|----------------------------------|-----------------------------------|-------------|-------------|-------------|-----------------------------|-------------|------------------|-------------------|--|
| Project Description | | | | Version Description | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 780,000 | 780,000 | |
| 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 780,000 | 780,000 | |
| 2021 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 780,000 | 780,000 | |
| 2022 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 780,000 | 780,000 | |
| 2023 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 780,000 | 780,000 | |
| 2024+ | 780,000 | 780,000 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 780,000 | 780,000 | |
| | 780,000 | 780,000 | 0 | | Revenues | | | | | | | | |
| | | | | 195 | Police Equipment Reserve | | | | | | | | |
| | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 780,000 | 780,000 | |
| | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 780,000 | 780,000 | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| Related Projects | | | | Effective Date | Description | | | | | | Exp/(Rev) | FTE Impact | |
| | | | | Unknown | No known operating budget impact. | | | | | 0 | 0 | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | |
| 2017 | January 1, 2024 | Growth: 0.0 % Maintenance: 0.0 % | | Superintendent E. Hickey | | | | | 2024+ | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-------------------------------|
| Project # | POL-011-18 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service - 2018 In-Camera Item 11 | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| Project Description | | | | Version Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|-------------------|----------------------------------|-----------|---|------|------|------|------|-----------------------------|-----------|-----------|--|--|--|--|---------|--|------|------|------|------|------|------|-------|-------|------|---------------|---------------|-----------|------------|--|--|--|--|--|--|--|--|-----------------|--|--|--|--|--|--|--|--|--|--|--|------|---|---|---|----------------------------------|--|--|--|--|--|--|--|--|------|---|---|---|--|---|---|---|---|---|-----------|-----------|------|---|---|---|-------|---|---|---|---|---|-----------|-----------|------|---|---|---|-----------------|--|--|--|--|--|--|--|--|--|--|--|------|---|---|---|-------------------------------------|--|--|--|--|--|--|--|--|------|---|---|---|--|---|---|---|---|---|-----------|-----------|-------|-----------|-----------|---|-------|---|---|---|---|---|-----------|-----------|--|------------------|------------------|----------|--|--|--|--|--|--|--|--|--|
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> <th>GL Account</th> <th colspan="7"></th> <th></th> </tr> </thead> <tbody> <tr> <td colspan="12">Expenses</td> </tr> <tr> <td>2018</td> <td>0</td> <td>0</td> <td>0</td> <td>5110 Machinery & Equipment - TCA</td> <td colspan="7"></td> <td></td> </tr> <tr> <td>2019</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1,400,000</td> <td>1,400,000</td> </tr> <tr> <td>2020</td> <td>0</td> <td>0</td> <td>0</td> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1,400,000</td> <td>1,400,000</td> </tr> <tr> <td>2021</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="12">Revenues</td> </tr> <tr> <td>2022</td> <td>0</td> <td>0</td> <td>0</td> <td>169 Pay As You Go - Capital Reserve</td> <td colspan="7"></td> <td></td> </tr> <tr> <td>2023</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1,400,000</td> <td>1,400,000</td> </tr> <tr> <td>2024+</td> <td>1,400,000</td> <td>1,400,000</td> <td>0</td> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1,400,000</td> <td>1,400,000</td> </tr> <tr> <td></td> <td>1,400,000</td> <td>1,400,000</td> <td>0</td> <td colspan="8"></td> <td></td> </tr> </tbody> </table> | | | | | | | | | | | | Revenue | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Year | Total Expense | Net City Cost | Subsidies | GL Account | | | | | | | | | Expenses | | | | | | | | | | | | 2018 | 0 | 0 | 0 | 5110 Machinery & Equipment - TCA | | | | | | | | | 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 1,400,000 | 1,400,000 | 2020 | 0 | 0 | 0 | Total | 0 | 0 | 0 | 0 | 0 | 1,400,000 | 1,400,000 | 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | 2022 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | 2023 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 1,400,000 | 1,400,000 | 2024+ | 1,400,000 | 1,400,000 | 0 | Total | 0 | 0 | 0 | 0 | 0 | 1,400,000 | 1,400,000 | | 1,400,000 | 1,400,000 | 0 | | | | | | | | | |
| | | Revenue | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 Machinery & Equipment - TCA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 1,400,000 | 1,400,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | Total | 0 | 0 | 0 | 0 | 0 | 1,400,000 | 1,400,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 1,400,000 | 1,400,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 1,400,000 | 1,400,000 | 0 | Total | 0 | 0 | 0 | 0 | 0 | 1,400,000 | 1,400,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1,400,000 | 1,400,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | January 1, 2024 | Growth: 0.0 % Maintenance: 0.0 % | | Supt. Admin. Support | | | | | 12/31/2024+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-------------------------------|
| Project # | POL-012-16 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service Indoor Training Range Upgrades | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|---|----------------------|------------------------------------|---------------------|---|-----------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|------------------|-------------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| This proposal is to update the ten year old indoor range. The current design of this indoor range facilitates static shooting only. Research indicates the need for additional baffles to be installed on the ceiling and walls for a more effective range and increase training capacity. Electronics will be updated to improve target retrieval and controlled movements. Policing has evolved to include the need for dynamic training to provide a realistic environment to allow movement to better prepare police officers to safely serve in the community. The Ontario Police College has improved their range facility to incorporate more efficient and effective training with similar upgrades. This recommendation is in line with Ministry training and will allow our service the ability to increase training capacity significantly. This new design will afford the Windsor Police Service the ability to train in an environment that a police officer is more likely to encounter. This recommendation's goal is to sustain training capacity for ten years. Partnering agencies will benefit from the improvements of the indoor range. | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| 7161008 | | | | WPS Board meeting dated June 22, 2017 approved the repurposing of existing 2016 capital funds of \$80,000 from 7161008 - WPS Use of Force Simulator and 2017 capital funds of \$75,000 from 7161006 - Microsoft Software Upgrade. | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 300,000 | 145,000 | 155,000 | 5410 Construction Contracts - TCA | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 300,000 | 0 | 0 | 0 | 0 | 0 | 0 | 700,000 | 1,000,000 | | | |
| 2020 | 0 | 0 | 0 | Total | 300,000 | 0 | 0 | 0 | 0 | 0 | 700,000 | 1,000,000 | | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 500,000 | 500,000 | | | |
| 2024+ | 700,000 | 700,000 | 0 | 195 Police Equipment Reserve | | | | | | | | | | | |
| | 1,000,000 | 845,000 | 155,000 | 145,000 | 0 | 0 | 0 | 0 | 0 | 0 | 200,000 | 345,000 | | | |
| Historical Approved Budget | | | | 7052 TRANSFER From Capital Projects | | | | | | | | | | | |
| | | | | 155,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 155,000 | | | |
| | | | | Total | 300,000 | 0 | 0 | 0 | 0 | 0 | 700,000 | 1,000,000 | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | | |
| | | | | Unknown | No known operating budget impact. | | | | | | 0 | 0 | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | |
| 2016 | January 1, 2018 | Growth: 0.0 % Maintenance: 100.0 % | Insp. T. Crowley | Dec. 31, 2024+ | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-------------------------------|
| Project # | POL-012-17 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service Physical Readiness & Preparedness Centre | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|-------------------------------------|--|----------------------|-------------|-----------------------------|-------------|-------------|-------------|------------------|--------------|-------------------|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| A building on the site of the Major F. A. Tilston Armoury & Police Training Centre is required to meet the growing, statutory requirements associated with the physical readiness and preparation skills of operational police officers. This new structure would permanently house a "judgment simulator", a classroom space to support training exercises carried out in the adjacent outdoor firing range and CQB, and the relocation of the P.R.E.P. testing equipment and defensive tactics equipment. The building would require proper insulation, heating & air conditioning, electrical servicing, technology infrastructure, etc. to meet established legislative requirements in the policing profession. It would be used regularly throughout the year. | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | 0 | 0 | 0 | 0 | 0 | 0 | 800,000 | 800,000 | | |
| 2019 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 800,000 | 800,000 | | |
| 2020 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 800,000 | 800,000 | | |
| 2021 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 800,000 | 800,000 | | |
| 2022 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 800,000 | 800,000 | | |
| 2023 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 800,000 | 800,000 | | |
| 2024+ | 800,000 | 800,000 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 800,000 | 800,000 | | |
| | 800,000 | 800,000 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 800,000 | 800,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | Exp/(Rev) | | FTE Impact | |
| | | | | Unknown | | Facility maintenance | | | | | | 0 | | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2017 | January 1, 2024 | Growth: 0.0 % Maintenance: 0.0 % | | Director Horrobin/Inspector Crowley | | | | 2024+ | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-------------------------------|
| Project # | POL-013-14 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service - In-camera Item #15 | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| Project Description | | Version Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------|--|----------------------|----------|----------|-----------------------------|-----------|----------------|-------------|-----------|------------|------------|----------------|---------|---|------|---|---|---|------|---|---|---|------|---|---|---|------|---|---|---|-------|---|---|---|--|----------------|----------------|----------|--|--|--|--|--|--|--|--|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|----------------------------------|--|--|--|--|--|--|--|--|--|---------|---|---|---|---|---|---|---------|--------------|----------------|----------|----------|----------|----------|----------|----------|----------------|-----------------|--|--|--|--|--|--|--|--|------------------------------|--|--|--|--|--|--|--|--|--|---------|---|---|---|---|---|---|---------|--------------|----------------|----------|----------|----------|----------|----------|----------|----------------|
| Project Comments/Reference 7141013 | | Version Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th rowspan="2">Year</th> <th rowspan="2">Total Expense</th> <th colspan="2">Revenue</th> </tr> <tr> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>200,000</td><td>200,000</td><td>0</td></tr> <tr><td>2019</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2020</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2021</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2022</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2024+</td><td>0</td><td>0</td><td>0</td></tr> <tr> <td></td> <td>200,000</td> <td>200,000</td> <td>0</td> </tr> </tbody> </table> | | Year | Total Expense | Revenue | | Net City Cost | Subsidies | 2018 | 200,000 | 200,000 | 0 | 2019 | 0 | 0 | 0 | 2020 | 0 | 0 | 0 | 2021 | 0 | 0 | 0 | 2022 | 0 | 0 | 0 | 2023 | 0 | 0 | 0 | 2024+ | 0 | 0 | 0 | | 200,000 | 200,000 | 0 | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5110 Machinery & Equipment - TCA</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>200,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>200,000</td> </tr> <tr> <td>Total</td> <td>200,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>200,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>195 Police Equipment Reserve</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>200,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>200,000</td> </tr> <tr> <td>Total</td> <td>200,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>200,000</td> </tr> </tbody> </table> | | | | | | | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5110 Machinery & Equipment - TCA | | | | | | | | | | 200,000 | 0 | 0 | 0 | 0 | 0 | 0 | 200,000 | Total | 200,000 | 0 | 0 | 0 | 0 | 0 | 0 | 200,000 | Revenues | | | | | | | | | 195 Police Equipment Reserve | | | | | | | | | | 200,000 | 0 | 0 | 0 | 0 | 0 | 0 | 200,000 | Total | 200,000 | 0 | 0 | 0 | 0 | 0 | 0 | 200,000 |
| Year | Total Expense | | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 200,000 | 200,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 200,000 | 200,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5110 Machinery & Equipment - TCA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 200,000 | 0 | 0 | 0 | 0 | 0 | 0 | 200,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 200,000 | 0 | 0 | 0 | 0 | 0 | 0 | 200,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 195 Police Equipment Reserve | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 200,000 | 0 | 0 | 0 | 0 | 0 | 0 | 200,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 200,000 | 0 | 0 | 0 | 0 | 0 | 0 | 200,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th rowspan="2">Year</th> <th rowspan="2">Total Expense</th> <th colspan="2">Revenue</th> </tr> <tr> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2014</td><td>200,000</td><td>200,000</td><td>0</td></tr> <tr><td>2016</td><td>125,000</td><td>125,000</td><td>0</td></tr> </tbody> </table> | | Year | Total Expense | Revenue | | Net City Cost | Subsidies | 2014 | 200,000 | 200,000 | 0 | 2016 | 125,000 | 125,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2014 | 200,000 | 200,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2016 | 125,000 | 125,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | Operating Budget Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>2020-01-01</td> <td>Training Staff</td> <td>65,000</td> <td>0</td> </tr> </tbody> </table> | | | | | | Effective Date | Description | Exp/(Rev) | FTE Impact | 2020-01-01 | Training Staff | 65,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020-01-01 | Training Staff | 65,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | Est. Completion Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2014 | January 1, 2016 | Growth: 100.0 % Maintenance: 0.0 % | Inspector T. Crowley | | | Dec. 31 2020+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-013-16 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service Outdoor Training Range Upgrades | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|--|----------------------|------------------------------|---------------------|-------------------------------------|--|-----------------------------------|-------------|-------------|-------------|-------------|-------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | |
| <p>This proposal is for a redesign of the outdoor range. A quote was requested to enclose the first fifty yards of the outdoor range in year one of the recommendation. This will serve to increase training capacity and efficiency. The outdoor range retrofit will create opportunity to increase training capacity essentially adding a second range option that can be utilized 365 days of the year. In addition, the range will be baffled and have sound eliminating technologies applied that will significantly reduce noise volumes experienced by local residents. In year two, range electronic updates would be complete and baffling extended to enable officers in training to discharge weapons from zero to 100 yards while positioned under the cover of the baffles or enclosed portion. Training will be more effective and efficient with recommended improvements and will facilitate movement tasks that will create a very important realistic training environment. Static training is no longer deemed to be effective. This recommended upgrade is aligned with the Ontario Police College and their efforts to increase training capacity. This design eliminates the possibility of a discharged round escaping the range and will significantly reduce noise complaints from neighbouring residents. The indoor range upgrade will need to occur first which will help determine the specific needs to be done for the outdoor range.</p> | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 2,400,000 | 2,400,000 |
| 2020 | 0 | 0 | 0 | Total | | 0 | 0 | 0 | 0 | 0 | 0 | 2,400,000 | 2,400,000 |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 2,400,000 | 2,400,000 |
| 2024+ | 2,400,000 | 2,400,000 | 0 | Total | | 0 | 0 | 0 | 0 | 0 | 0 | 2,400,000 | 2,400,000 |
| | 2,400,000 | 2,400,000 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | | No known operating budget impact. | | | | | | 0 | 0 |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | |

| | | | | |
|------|-----------------|----------------------------------|------------------|----------------|
| 2016 | January 1, 2024 | Growth: 0.0 % Maintenance: 0.0 % | Insp. T. Crowley | Dec. 31, 2024+ |
|------|-----------------|----------------------------------|------------------|----------------|



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-------------------------------|
| Project # | POL-013-17 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service - In-camera Item #16 | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|-----------------------------------|----------------------|----------------------------------|---------------------|----------------------------------|-----------------------------------|-------------|-------------|-----------------------------|-------------|-------------|------------------|-------------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 | Machinery & Equipment - TCA | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 50,000 | 50,000 | | |
| 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 50,000 | 50,000 | | |
| 2021 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 50,000 | 50,000 | | |
| 2022 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 50,000 | 50,000 | | |
| 2023 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 50,000 | 50,000 | | |
| 2024+ | 50,000 | 50,000 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 50,000 | 50,000 | | |
| | 50,000 | 50,000 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 50,000 | 50,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| Related Projects | | | | Effective Date | Description | | | | | | Exp/(Rev) | FTE Impact | | |
| | | | | Unknown | No known operating budget impact. | | | | | 0 | 0 | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | | Est. Completion Date | | | | | | |
| 2017 | January 1, 2024 | Growth: 0.0 % Maintenance: 0.0 % | Insp. T. Crowley | | | | | 2024+ | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-------------------------------|
| Project # | POL-014-17 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service Mobile Device Encryption-Laptops | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|---|----------------------|------------------------------------|------------------|----------------------------------|--|----------------------------------|-------------|-----------------------------|-------------|-------------|-------------|------------------|--------------|-------------------|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| This project entails ensuring any device Windsor Police staff use that leaves the building be encrypted to prevent data loss in the event equipment is lost or stolen. This is a technology and data security related issue required to mitigate risk and liability. This provides a provision to encrypt all computers in the Service. | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| 7181021 | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | | | |
| 2018 | 100,000 | 100,000 | 0 | 5110 Machinery & Equipment - TCA | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | 100,000 | 0 | 0 | 0 | 0 | 0 | 0 | 100,000 | | |
| 2020 | 0 | 0 | 0 | Total | | 100,000 | 0 | 0 | 0 | 0 | 0 | 0 | 100,000 | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 195 Police Equipment Reserve | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | 100,000 | 0 | 0 | 0 | 0 | 0 | 0 | 100,000 | | |
| 2024+ | 0 | 0 | 0 | Total | | 100,000 | 0 | 0 | 0 | 0 | 0 | 0 | 100,000 | | |
| 100,000 | | 100,000 | | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | Exp/(Rev) | | FTE Impact | |
| | | | | Unknown | | Annual maintenance and licensing | | | | | | 0 | | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2017 | January 1, 2018 | Growth: 0.0 % Maintenance: 100.0 % | | Tony Petrilli | | | | 2018 | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-------------------------------|
| Project # | POL-014-18 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service Data and Technology Security | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| |
|--|
| Project Description |
| <p>The Windsor Police Service (WPS) has a complex and continuously growing information technology infrastructure that is the foundation for the delivery of services to the residents, businesses and visitors of the City of Windsor. The technology that is being deployed in policing is unprecedented (e.g. officer mobility, video evidence, Next Generation 911, self-service reporting, regionalization, cyber-crimes). The use of technology in policing will be transformational in the coming years. With the inclusion of WPS's mobility footprint, there are well over a hundred networked locations in the organization.</p> <p>The continuous growth in the size and complexity of the WPS network, will continue to increase WPS's security risk exposure. Additionally, year-over-year there is an unprecedented level of world-wide cyber-attacks against individuals, businesses and government organizations. These threats will continue to grow at an exponential rate. Further complicating this threat proliferation is the broad range of motivating factors, which requires attention and diligence across an exceptionally large number of possible vulnerabilities. While protecting information technology infrastructure is critically important for all organizations, it is a public safety matter for police agencies. Additionally, police data includes the highest level of private and sensitive data. While the WPS does exercise due diligence in securing the network and sensitive information, as the risks continue to rapidly increase, and as the security technology available continues to improve and become more robust, significant investments will be required in modern and automated tools to protect, detect and mitigate cyber attacks.</p> |

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|----------------------------|
| Version Description |
| |
| Version Comments |
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|-----------------------------------|
| Project Comments/Reference |
| |

| |
|-------------------------|
| Version Comments |
| |

| | | | |
|-------------------------|----------------------|----------------------|------------------|
| Project Forecast | | Revenue | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> |
| 2018 | 0 | 0 | 0 |
| 2019 | 0 | 0 | 0 |
| 2020 | 0 | 0 | 0 |
| 2021 | 0 | 0 | 0 |
| 2022 | 100,000 | 100,000 | 0 |
| 2023 | 0 | 0 | 0 |
| 2024+ | 300,000 | 300,000 | 0 |
| | 400,000 | 400,000 | 0 |

| | | | | | | | | |
|-------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|
| Project Detailed Forecast | | | | | | | | |
| <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> |
| Expenses | | | | | | | | |
| 5110 Machinery & Equipment - TCA | | | | | 100,000 | 0 | 300,000 | 400,000 |
| Total | 0 | 0 | 0 | 0 | 100,000 | 0 | 300,000 | 400,000 |
| Revenues | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | | | | | 100,000 | 0 | 300,000 | 400,000 |
| Total | 0 | 0 | 0 | 0 | 100,000 | 0 | 300,000 | 400,000 |

| |
|-----------------------------------|
| Historical Approved Budget |
| |

| Related Projects | | | Operating Budget Impact | | |
|------------------|-----------------|----------------------------------|---------------------------|---|----------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | |
| 2018 | January 1, 2022 | Growth: 0.0 % Maintenance: 0.0 % | Supt. Operational Support | 12/31/2024 | |
| | | | Effective Date | Description | Exp/(Rev) FTE Impact |
| | | | 2024-01-01 | Annual costs for back up and DR systems | 40,000 0 |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-------------------------------|
| Project # | POL-015-17 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service - In-camera Item #17 | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| Project Description | | | | Version Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------------------------------|----------------------------------|----------------|---|----------|----------|----------------|----------------|-----------------------------|---------------|-----------|------|---|----------------|-------------|-----------|------------|---------|-----------------------------------|------|---------|---------|---|------|---|---|---|------|---|---|---|------|---|---|---|-------|---------|---------|---|----------------|--|----------------|----------|---|--|--|--|--|--|--|--|--|--|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-----------------------------------|--|--|---------|---|---|---|---------|---------|--------------|----------|----------|----------------|----------|----------|----------|----------------|----------------|-----------------|--|--|--|--|--|--|--|--|------------------------------|--|--|---------|---|---|---|---------|---------|--------------|----------|----------|----------------|----------|----------|----------|----------------|----------------|
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr> <td>2018</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2019</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2020</td> <td>160,000</td> <td>160,000</td> <td>0</td> </tr> <tr> <td>2021</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2022</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2023</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2024+</td> <td>140,000</td> <td>140,000</td> <td>0</td> </tr> <tr> <td colspan="2">300,000</td> <td>300,000</td> <td>0</td> </tr> </tbody> </table> | | | | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2018 | 0 | 0 | 0 | 2019 | 0 | 0 | 0 | 2020 | 160,000 | 160,000 | 0 | 2021 | 0 | 0 | 0 | 2022 | 0 | 0 | 0 | 2023 | 0 | 0 | 0 | 2024+ | 140,000 | 140,000 | 0 | 300,000 | | 300,000 | 0 | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td></td> <td></td> <td>160,000</td> <td>0</td> <td>0</td> <td>0</td> <td>140,000</td> <td>300,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>160,000</td> <td>0</td> <td>0</td> <td>0</td> <td>140,000</td> <td>300,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>195 Police Equipment Reserve</td> <td></td> <td></td> <td>160,000</td> <td>0</td> <td>0</td> <td>0</td> <td>140,000</td> <td>300,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>160,000</td> <td>0</td> <td>0</td> <td>0</td> <td>140,000</td> <td>300,000</td> </tr> </tbody> </table> | | | | | | | | | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5410 Construction Contracts - TCA | | | 160,000 | 0 | 0 | 0 | 140,000 | 300,000 | Total | 0 | 0 | 160,000 | 0 | 0 | 0 | 140,000 | 300,000 | Revenues | | | | | | | | | 195 Police Equipment Reserve | | | 160,000 | 0 | 0 | 0 | 140,000 | 300,000 | Total | 0 | 0 | 160,000 | 0 | 0 | 0 | 140,000 | 300,000 |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 160,000 | 160,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 140,000 | 140,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 300,000 | | 300,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5410 Construction Contracts - TCA | | | 160,000 | 0 | 0 | 0 | 140,000 | 300,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 160,000 | 0 | 0 | 0 | 140,000 | 300,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 195 Police Equipment Reserve | | | 160,000 | 0 | 0 | 0 | 140,000 | 300,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 160,000 | 0 | 0 | 0 | 140,000 | 300,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | <table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>No known operating budget impact.</td> <td>0</td> <td>0</td> </tr> </tbody> </table> | | | | | | | | | | Effective Date | Description | Exp/(Rev) | FTE Impact | Unknown | No known operating budget impact. | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unknown | No known operating budget impact. | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2017 | January 1, 2020 | Growth: 0.0 % Maintenance: 0.0 % | | Director Barry Horrobin | | | | | 2020 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-------------------------------|
| Project # | POL-015-18 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service Technology Infrastructure Enhancements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|---------------------------|-------------------------------------|--|-------------|-------------|-------------|-------------|------------------|-------------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| <p>The Windsor Police Service (WPS) has a complex and continuously growing information technology infrastructure that is the foundation for the delivery of services to the residents, businesses and visitors of the City of Windsor. The technology that is being deployed in policing is unprecedented (e.g. officer mobility, video evidence, Next Generation 911, self-service reporting, regionalization, cyber-crimes). The use of technology in policing will be transformational in the coming years. With the inclusion of WPS's mobility footprint, there are well over a hundred networked locations in the organization.</p> <p>WPS has significant investments in infrastructure hardware and software. This capital project is for the modernization of the technology infrastructure, which will inevitably be required to keep pace with increased demand and new technological capabilities. Without long-term financial planning for continued technological advancements, WPS will not be in a position to continue to meet general policing adequacy standards.</p> | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 Machinery & Equipment - TCA | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 100,000 | 300,000 | 400,000 | | |
| 2020 | 0 | 0 | 0 | Total | 0 | 0 | 0 | 0 | 0 | 100,000 | 300,000 | 400,000 | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | |
| 2023 | 100,000 | 100,000 | 0 | | 0 | 0 | 0 | 0 | 0 | 100,000 | 300,000 | 400,000 | | |
| 2024+ | 300,000 | 300,000 | 0 | Total | 0 | 0 | 0 | 0 | 0 | 100,000 | 300,000 | 400,000 | | |
| | 400,000 | 400,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | Exp/(Rev) | FTE Impact | | | |
| | | | | 2024-01-01 | Annual cost for back up and DR systems | | | | | 40,000 | 0 | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | |
| 2018 | January 1, 2023 | Growth: 0.0 % Maintenance: 0.0 % | Supt. Operational Support | 12/31/2024 | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-016-17 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service Patrol Smartphone Mobile Data Phase 2 | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|----------------------------------|--|--------------------|-------------|-----------------------------|-------------|-------------|-------------|------------------|----------------|-------------------|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| Building on the success of the initial phase of the Patrol Mobile Data (Smartphone) Project, Phase two involves the deployment of additional phones to frontline Patrol Division officers for use with a wide variety of operational and support applications. Procurement of 150 additional smartphones will enable the issue of a dedicated smartphone to frontline officers thus enabling wider access to basic email applications for charge follow-ups as well as access to newly deployed EmpCentre software for overtime (OT) and time off submissions and after hours access to key employee self-service information. The dedicated issue of smartphones to frontline officers will also streamline resource intensive equipment issue processes (crib) and is expected to reduce instances of device damage and wear and tear. | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 Machinery & Equipment - TCA | | 0 | 0 | 0 | 0 | 0 | 0 | 100,000 | 100,000 | | |
| 2019 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 100,000 | 100,000 | | |
| 2020 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 100,000 | 100,000 | | |
| 2021 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 100,000 | 100,000 | | |
| 2022 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 100,000 | 100,000 | | |
| 2023 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 100,000 | 100,000 | | |
| 2024+ | 100,000 | 100,000 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 100,000 | 100,000 | | |
| | 100,000 | 100,000 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 100,000 | 100,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | Exp/(Rev) | | FTE Impact | |
| | | | | Unknown | | Annual fees | | | | | | 0 | | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2017 | January 1, 2024 | Growth: 0.0 % Maintenance: 0.0 % | | Inspector Dodd | | | | 2024+ | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-016-18 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service Smartphone Device Refresh | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|----------------------------------|-------------|-------------|-------------|-------------|-----------------------------|-------------|----------------|----------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| As of February 2018 the majority of the 277 smartphones the WPS has deployed to personnel will have been in service for 2 years, and are therefore eligible for subsidized replacement under the Connecting Windsor-Essex (CWE) agreement with the cellular network carrier (Telus). The remainder will be eligible in the second half of 2018 and early 2019. These devices include approximately 65 smartphones which are signed out by mobile Patrol officers at the start of each daily 12 Hour Shift. IT personnel have already received numerous reports of degraded battery life and device performance as these smartphones have aged, and it is anticipated all devices will require replacement once eligible in Feb. 2018. Funds will be used to purchase new smartphones (current hardware available) at a discounted rate by renewing individual phone contracts; all necessary accessories (protective cases, licenses etc.) will be purchased as required. Based on the useful life of mobile devices at the WPS, we expect the replacement cycle to be two years. | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 2711 Cell Phones | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 140,000 | 0 | 140,000 | 280,000 | | |
| 2020 | 0 | 0 | 0 | Total | 0 | 0 | 0 | 0 | 140,000 | 0 | 140,000 | 280,000 | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | |
| 2022 | 140,000 | 140,000 | 0 | 195 Police Equipment Reserve | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 140,000 | 0 | 140,000 | 280,000 | | |
| 2024+ | 140,000 | 140,000 | 0 | Total | 0 | 0 | 0 | 0 | 140,000 | 0 | 140,000 | 280,000 | | |
| | 280,000 | 280,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | |
| 2018 | January 1, 2022 | Growth: 0.0 % Maintenance: 0.0 % | | Supt. Operational Support | | | | | 12/31/2024+ | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-017-18 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service Motorola WAVE Digital Radio Smartphone App Implementation | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|----------------------------------|-------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| This initiative will see the WPS install a software Application (App) on the smartphones of WPS investigative personnel who currently have a dedicated physical Motorola P25 Radio assigned to them. The goal of this initiative is to transfer the assignment of these dedicated radios from members of the Investigation Division to members of the Patrol Division who are currently assigned radios from a pooled daily inventory. It is expected that the use of the WAVE digital radio App by Investigation Division members will allow the implementation of dedicated individual issue radios for all Patrol Division officers, thus providing efficiencies in the equipment crib area at the start of each Patrol shift. Funds will be used for the one-time purchase of per user software licenses, as well as licenses for each radio talkgroup (channel) that is integrated with the WAVE application. | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | |
| 2024+ | 150,000 | 150,000 | 0 | | | | | | | | | | | |
| | 150,000 | 150,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | |
| 2018 | January 1, 2024 | Growth: 0.0 % Maintenance: 0.0 % | | Supt. Operational Support | | | | | 12/31/2024+ | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-018-18 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service Stores Reconfiguration/Automation | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|----------------------------------|-------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|
| Project Description | | | | Version Description | | | | | | | | | |
| Reconfiguration of the Stores warehouse with a view to maximizing storage capabilities within the limited confines of the warehouse. The amount of required equipment and clothing issued to frontline officers continues to increase, and the current storage solution (shelves and bins) is inadequate to house these items maintained as inventory. The goal would be to maximize the storage space available through enhanced storage system solutions proposed by an expert in that field in two phases. | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | <u>Revenue</u> | | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 Machinery & Equipment - TCA | | | | | 90,000 | 60,000 | 0 | 150,000 | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 90,000 | 60,000 | 0 | 150,000 | |
| 2020 | 0 | 0 | 0 | Total | 0 | 0 | 0 | 0 | 90,000 | 60,000 | 0 | 150,000 | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | |
| 2022 | 90,000 | 90,000 | 0 | 195 Police Equipment Reserve | | | | | 90,000 | 60,000 | 0 | 150,000 | |
| 2023 | 60,000 | 60,000 | 0 | | 0 | 0 | 0 | 0 | 90,000 | 60,000 | 0 | 150,000 | |
| 2024+ | 0 | 0 | 0 | Total | 0 | 0 | 0 | 0 | 90,000 | 60,000 | 0 | 150,000 | |
| | 150,000 | 150,000 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | |
| 2018 | January 1, 2022 | Growth: 0.0 % Maintenance: 0.0 % | | Supt. Operational Support | | | | | 12/31/2023 | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-------------------------------|
| Project # | POL-019-18 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service New HQ Key Control Management System | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|----------------------------------|--|--------------------|-------------|-----------------------------|-------------|-------------|-------------|------------------|--------------|-------------------|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| A completely new keying system to replace the current one that has become outdated due to numerous changes over the years which has reduced security and functionality. The new system will be based on a key control management protocol that tracks all users and applicable hardware. | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 Machinery & Equipment - TCA | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 40,000 | 90,000 | 0 | 130,000 | | |
| 2020 | 0 | 0 | 0 | Total | | 0 | 0 | 0 | 0 | 40,000 | 90,000 | 0 | 130,000 | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2022 | 40,000 | 40,000 | 0 | 195 Police Equipment Reserve | | | | | | | | | | | |
| 2023 | 90,000 | 90,000 | 0 | | | 0 | 0 | 0 | 0 | 40,000 | 90,000 | 0 | 130,000 | | |
| 2024+ | 0 | 0 | 0 | Total | | 0 | 0 | 0 | 0 | 40,000 | 90,000 | 0 | 130,000 | | |
| | 130,000 | 130,000 | 0 | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | Exp/(Rev) | | FTE Impact | |
| | | | | 2024-01-01 | | Basic maintenance | | | | | | 1,000 | | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2018 | January 1, 2022 | Growth: 0.0 % Maintenance: 0.0 % | | Supt. Operational Support | | | | 12/31/2023 | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-------------------------------|
| Project # | POL-021-18 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Administration - Police |
| Title | Windsor Police Service Asset Management Life-Cycle Replacements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

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|--|----------------------|----------------------------------|------------------|----------------------------------|-------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| Life-cycle replacement of assets identified in the WPS Asset Management Plan. Although the plan is currently in the development stages, assets have been identified that will require replacement in the range of 5 to 10 years. | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 Machinery & Equipment - TCA | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 1,500,000 | 1,500,000 | | |
| 2020 | 0 | 0 | 0 | Total | 0 | 0 | 0 | 0 | 0 | 0 | 1,500,000 | 1,500,000 | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 195 Police Equipment Reserve | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 1,500,000 | 1,500,000 | | |
| 2024+ | 1,500,000 | 1,500,000 | 0 | Total | 0 | 0 | 0 | 0 | 0 | 0 | 1,500,000 | 1,500,000 | | |
| | 1,500,000 | 1,500,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | |
| 2018 | | Growth: 0.0 % Maintenance: 0.0 % | | Supt. Operational Support | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-002-18 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Investigations |
| Title | Windsor Police Service - 2018 In-Camera Item 2 | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|-----------------------------------|----------------------|----------------------------------|------------------|----------------------------------|-------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| | | | | Expenses | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Revenue</u> | | | | | | | | | | | | |
| | | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | |
| 2024+ | 100,000 | 100,000 | 0 | | | | | | | | | | | |
| | 100,000 | 100,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | |
| 2018 | January 1, 2024 | Growth: 0.0 % Maintenance: 0.0 % | | Supt. of Investigations | | | | | 12/31/2024+ | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-003-18 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Investigations |
| Title | Windsor Police Service - 2018 In-Camera Item 3 | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| Project Description | | | | Version Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------|----------------------------------|-----------|----------------------------------|----------|----------|----------------|----------------|-----------------------------|---------------|-----------|------|---|---|---|------|---|---|---|------|---|---|---|------|---|---|---|------|---|---|---|------|---|---|---|-------|---------|---------|---|--|----------------|----------------|----------|---|--|--|--|--|--|--|--|--|--|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|----------------------------------|--|--|--|--|--|--|--|--|--|---|---|---|---|---|---|---------|---------|--------------|----------|----------|----------|----------|----------|----------|----------------|----------------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|--|--|--|--|--|--|--|--|--|---|---|---|---|---|---|---------|---------|--------------|----------|----------|----------|----------|----------|----------|----------------|----------------|
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2019</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2020</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2021</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2022</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2024+</td><td>250,000</td><td>250,000</td><td>0</td></tr> <tr><td></td><td>250,000</td><td>250,000</td><td>0</td></tr> </tbody> </table> | | | | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2018 | 0 | 0 | 0 | 2019 | 0 | 0 | 0 | 2020 | 0 | 0 | 0 | 2021 | 0 | 0 | 0 | 2022 | 0 | 0 | 0 | 2023 | 0 | 0 | 0 | 2024+ | 250,000 | 250,000 | 0 | | 250,000 | 250,000 | 0 | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5110 Machinery & Equipment - TCA</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>250,000</td> <td>250,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>250,000</td> <td>250,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>250,000</td> <td>250,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>250,000</td> <td>250,000</td> </tr> </tbody> </table> | | | | | | | | | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5110 Machinery & Equipment - TCA | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 250,000 | 250,000 | Total | 0 | 0 | 0 | 0 | 0 | 0 | 250,000 | 250,000 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 250,000 | 250,000 | Total | 0 | 0 | 0 | 0 | 0 | 0 | 250,000 | 250,000 |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 250,000 | 250,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 250,000 | 250,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5110 Machinery & Equipment - TCA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 250,000 | 250,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 250,000 | 250,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 250,000 | 250,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 250,000 | 250,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | January 1, 2024 | Growth: 0.0 % Maintenance: 0.0 % | | Supt. of Investigations | | | | | 12/31/2024+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-004-18 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Investigations |
| Title | Windsor Police Service - 2018 In-Camera Item 4 | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|-----------------------------------|----------------------|----------------------------------|------------------|----------------------------------|-----------------------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 | Machinery & Equipment - TCA | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 100,000 | 0 | 0 | 100,000 | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | |
| 2022 | 100,000 | 100,000 | 0 | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | |
| | 100,000 | 100,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | |
| 2018 | January 1, 2022 | Growth: 0.0 % Maintenance: 0.0 % | | Supt. of Investigations | | | | | 12/31/2022 | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-------------------------------|
| Project # | POL-010-18 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Investigations |
| Title | Windsor Police Service Property Room Audit & Reorganization | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|----------------------------------|-------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|
| Project Description | | | | Version Description | | | | | | | | | |
| The procedures regarding Property and Evidence Control are outlined in Directives on file with WPS. In keeping with best practices and as the result of a recent review of Cold Case files, as review of current practices as it pertains to these procedures was undertaken. Contained in the results of this review, are the areas which have been identified as requiring modernization to take advantage of the advances in technology, some of which is already present and available to WPS through the current Versadex System. | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | <u>Revenue</u> | | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 Machinery & Equipment - TCA | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 150,000 | 0 | 0 | 100,000 | 250,000 | |
| 2020 | 0 | 0 | 0 | Total | 0 | 0 | 0 | 150,000 | 0 | 0 | 100,000 | 250,000 | |
| 2021 | 150,000 | 150,000 | 0 | Revenues | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 195 Police Equipment Reserve | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 0 | 0 | 150,000 | 0 | 0 | 100,000 | 250,000 | |
| 2024+ | 100,000 | 100,000 | 0 | Total | 0 | 0 | 0 | 150,000 | 0 | 0 | 100,000 | 250,000 | |
| | 250,000 | 250,000 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | |
| 2018 | January 1, 2021 | Growth: 0.0 % Maintenance: 0.0 % | | Supt. of Investigations | | | | | 12/31/2021 | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-001-18 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Patrol |
| Title | Windsor Police Service - 2018 In-Camera Item 1 | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|-----------------------------------|----------------------|----------------------------------|------------------|----------------------------------|-----------------------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 | Machinery & Equipment - TCA | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 100,000 | 100,000 | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | |
| 2024+ | 100,000 | 100,000 | 0 | | | | | | | | | | | |
| | 100,000 | 100,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | |
| 2018 | January 1, 2024 | Growth: 0.0 % Maintenance: 0.0 % | | Supt. of Patrol | | | | | 2024-12-31 | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-006-18 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Patrol |
| Title | Windsor Police Service - 2018 In-Camera Item 6 | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| Project Description | | | | Version Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------|----------------------------------|-----------|--|---------------|----------|----------|---------------|-----------------------------|------|---|---|---|-------------------------|----------------|-------------|-----------|------------|------|------------|----------------------------|-------|-----------------|---|------------|----------------------------|--------|--------|---|------------|----------------------------|----------------------------------|---|-------|------------|----------------------------|-------|---|---------------|---------------|----------|---|---|---|---|--------|---|---|--------|--------------|----------|----------|----------|----------|---------------|----------|----------|---------------|-----------------|--|--|--|--|--|--|--|--|------------------------------|--|--|--|--|--|--|--|--|--|---|---|---|---|--------|---|---|--------|--------------|----------|----------|----------|----------|---------------|----------|----------|---------------|
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5110 Machinery & Equipment - TCA</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>50,000</td> <td>0</td> <td>0</td> <td>50,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>50,000</td> <td>0</td> <td>0</td> <td>50,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>195 Police Equipment Reserve</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>50,000</td> <td>0</td> <td>0</td> <td>50,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>50,000</td> <td>0</td> <td>0</td> <td>50,000</td> </tr> </tbody> </table> | | | | | | | | | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5110 Machinery & Equipment - TCA | | | | | | | | | | 0 | 0 | 0 | 0 | 50,000 | 0 | 0 | 50,000 | Total | 0 | 0 | 0 | 0 | 50,000 | 0 | 0 | 50,000 | Revenues | | | | | | | | | 195 Police Equipment Reserve | | | | | | | | | | 0 | 0 | 0 | 0 | 50,000 | 0 | 0 | 50,000 | Total | 0 | 0 | 0 | 0 | 50,000 | 0 | 0 | 50,000 |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5110 Machinery & Equipment - TCA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 0 | 0 | 50,000 | 0 | 0 | 50,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 0 | 50,000 | 0 | 0 | 50,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 195 Police Equipment Reserve | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 0 | 0 | 50,000 | 0 | 0 | 50,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 0 | 50,000 | 0 | 0 | 50,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th rowspan="2">Year</th> <th rowspan="2">Total Expense</th> <th colspan="2">Revenue</th> </tr> <tr> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr> <td>2018</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2019</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2020</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2021</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2022</td> <td>50,000</td> <td>50,000</td> <td>0</td> </tr> <tr> <td>2023</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2024+</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td></td> <td>50,000</td> <td>50,000</td> <td>0</td> </tr> </tbody> </table> | | | | Year | Total Expense | Revenue | | Net City Cost | Subsidies | 2018 | 0 | 0 | 0 | 2019 | 0 | 0 | 0 | 2020 | 0 | 0 | 0 | 2021 | 0 | 0 | 0 | 2022 | 50,000 | 50,000 | 0 | 2023 | 0 | 0 | 0 | 2024+ | 0 | 0 | 0 | | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | <table border="1"> <thead> <tr> <th>Operating Budget Impact</th> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td></td> <td>2019-01-01</td> <td>Annual Software Access Fee</td> <td>2,000</td> <td>0</td> </tr> <tr> <td></td> <td>2020-01-01</td> <td>Annual Software Access Fee</td> <td>2,000</td> <td>0</td> </tr> <tr> <td></td> <td>2021-01-01</td> <td>Annual Software Access Fee</td> <td>2,000</td> <td>0</td> </tr> <tr> <td></td> <td>2022-01-01</td> <td>Annual Software Access Fee</td> <td>2,000</td> <td>0</td> </tr> </tbody> </table> | | | | | | | | | | Operating Budget Impact | Effective Date | Description | Exp/(Rev) | FTE Impact | | 2019-01-01 | Annual Software Access Fee | 2,000 | 0 | | 2020-01-01 | Annual Software Access Fee | 2,000 | 0 | | 2021-01-01 | Annual Software Access Fee | 2,000 | 0 | | 2022-01-01 | Annual Software Access Fee | 2,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Operating Budget Impact | Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2019-01-01 | Annual Software Access Fee | 2,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2020-01-01 | Annual Software Access Fee | 2,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2021-01-01 | Annual Software Access Fee | 2,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2022-01-01 | Annual Software Access Fee | 2,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | January 1, 2022 | Growth: 0.0 % Maintenance: 0.0 % | | Supt. of Patrol | | | | | 12/31/2022 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-008-18 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Patrol |
| Title | Windsor Police Service - 2018 In-Camera Item 8 | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|-----------------------------------|----------------------|----------------------------------|------------------|----------------------------------|-------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 Machinery & Equipment - TCA | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 60,000 | 0 | 0 | 0 | 60,000 | | |
| 2020 | 0 | 0 | 0 | Total | 0 | 0 | 0 | 60,000 | 0 | 0 | 0 | 60,000 | | |
| 2021 | 60,000 | 60,000 | 0 | Revenues | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 195 Police Equipment Reserve | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 0 | 0 | 60,000 | 0 | 0 | 0 | 60,000 | | |
| 2024+ | 0 | 0 | 0 | Total | 0 | 0 | 0 | 60,000 | 0 | 0 | 0 | 60,000 | | |
| | 60,000 | 60,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | |
| 2018 | January 1, 2021 | Growth: 0.0 % Maintenance: 0.0 % | | Supt. of Patrol | | | | | 12/31/2021 | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-009-18 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Patrol |
| Title | Windsor Police Service - 2018 In-Camera Item 9 | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|-----------------------------------|----------------------|----------------------------------|------------------|----------------------------------|-----------------------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 | Machinery & Equipment - TCA | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 240,000 | 240,000 | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | |
| 2024+ | 240,000 | 240,000 | 0 | | | | | | | | | | | |
| | 240,000 | 240,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | |
| 2018 | January 1, 2024 | Growth: 0.0 % Maintenance: 0.0 % | | Supt. of Patrol | | | | 12/31/2024+ | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | POL-020-18 | Service Area | Agencies, Boards & Committees |
| Budget Year | 2018 | Department | Windsor Police Services |
| Asset Type | Unassigned | Division | Patrol |
| Title | Windsor Police Service E911 Workstations | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|---------------------|----------------------------------|-----------------------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | |
| Additional workstations required for the projected expansion of the Emergency 911 Centre. | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5110 | Machinery & Equipment - TCA | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 300,000 | 300,000 | | | | | |
| 2021 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 300,000 | 300,000 | | | | | |
| 2022 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 300,000 | 300,000 | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 300,000 | 300,000 | | | | | |
| 2024+ | 300,000 | 300,000 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 300,000 | 300,000 | | | | | |
| | 300,000 | 300,000 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 300,000 | 300,000 | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | | Est. Completion Date | | | | | | | | | |
| 2018 | January 1, 2024 | Growth: 0.0 % Maintenance: 0.0 % | Supt. of Patrol | | | | | 12/31/2024+ | | | | | | | | | |

2018 Approved Capital Budget



Capital Project Summaries

City Council and Mayor's Office



Project Version Summary

| | | | |
|-----------------------|-----------------------------------|---------------------|---------------------------------|
| Project # | MAY-001-17 | Service Area | City Council & Mayor's Office |
| Budget Year | 2018 | Department | Mayor's Office |
| Asset Type | Unassigned | Division | Administration - Mayor's Office |
| Title | Districting - Themes and Identity | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Community & Economic Development | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|---|--|-------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|
| Project Description | | | | Version Description | | | | | | | | | |
| As per the approved 2017 enhanced Capital Budget 5-year plan. | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| | | | | Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan. | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | 0 | 0 | 0 | 250,000 | 0 | 0 | 0 | 250,000 |
| 2020 | 0 | 0 | 0 | | | | | | | | | | |
| 2021 | 250,000 | 250,000 | 0 | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | |
| | 250,000 | 250,000 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | |
| 2017 | | Growth: 0.0 % Maintenance: 0.0 % | | Norma Coleman | | | | | Unknown | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---------------------------------|
| Project # | MAY-002-16 | Service Area | City Council & Mayor's Office |
| Budget Year | 2018 | Department | Mayor's Office |
| Asset Type | Unassigned | Division | Administration - Mayor's Office |
| Title | Environmentally Significant Lands Acquisition Placeholder | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Community & Economic Development | | |
| Wards | | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|---|-------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| In accordance with B68-2015, Council approved the "Proposed 2016 Enhanced Capital Budget" in the form of placeholder allocations in the budget with reports to BE PREPARED for Council's consideration. | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| | | | | Placeholder as per the approved 2016 enhanced Capital Budget 5-year plan (\$1,500,000 in 2020). | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | |
| 2020 | 1,500,000 | 1,500,000 | 0 | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | |
| | 1,500,000 | 1,500,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | |
| 2016 | | Growth: 0.0 % Maintenance: 0.0 % | | Norma Coleman | | | | | Unknown | | | | | |



Project Version Summary

| | | | |
|-----------------------|-----------------------------------|---------------------|---------------------------------|
| Project # | MAY-002-17 | Service Area | City Council & Mayor's Office |
| Budget Year | 2018 | Department | Mayor's Office |
| Asset Type | Unassigned | Division | Administration - Mayor's Office |
| Title | 2022 Can-Am Police-Fire Games Bid | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Community & Economic Development | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|---|---------------------------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| Report C 42/2017 was approved by CR187/2017 for Windsor to put a bid in for the Can-Am Police Fire Games to be hosted in Windsor in 2022. The hosting fee of \$25,000 US is required in 2017 and came out of project 7121026 - Events/Bids/Sports Tourism. If the bid is successful and Windsor is the host in 2022 a cost of \$580,000 will be required in 2018, however, if the bid is unsuccessful, this funding will not be required. | | | | Council approved CR 187/2017 for Windsor to include a bid for the Can-Am Police Fire Games to be hosted in Windsor in 2022. The hosting fee of \$25,000 U.S. is required in 2017 and was funded from project 7121026 - Events/Bids/Sports Tourism. If the bid is successful and Windsor is the host in 2022, a cost of \$580,000 will be required, if the bid is unsuccessful, this funding will not be required. | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 2980 | Contracted Services | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 580,000 | 0 | 0 | 580,000 | | |
| 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 580,000 | 0 | 0 | 580,000 | | |
| 2021 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 580,000 | 0 | 0 | 580,000 | | |
| 2022 | 580,000 | 580,000 | 0 | Revenues | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 580,000 | 0 | 0 | 580,000 | | |
| | 580,000 | 580,000 | 0 | | 0 | 0 | 0 | 0 | 580,000 | 0 | 0 | 580,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | |
| 2018 | January 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | | Samantha Magalas | | | | | December 2022 | | | | | |

2018 Approved Capital Budget



Capital Project Summaries

Community Development & Health Commissioner



Project Version Summary

| | | | |
|-----------------------|-----------------------------------|---------------------|--------------------------------------|
| Project # | HCS-001-07 | Service Area | Community Dev. & Health Commissioner |
| Budget Year | 2018 | Department | Housing & Children Services |
| Asset Type | Unassigned | Division | Housing Services |
| Title | Social Housing Reserve Fund | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

Project Description

Windsor and Essex County Social Housing units represent over 7,900 housing units in the region with an estimated value of \$500 million and yearly operating budgets of \$70 million. These units are a vital and valuable resource to the community. Many of the projects have been a part of this community for many years and are aging and require significant renewal. The Social Housing Reserve Fund was established in 2001 using the one-time transfer of \$2.4 million from MMAH. This fund was established "to cover the risks associated with future increases" in the social housing program. The current available balance of this fund after Council approved commitments is \$1.4M as at June 30, 2017. Prudent business practice would indicate that the service manager has a duty to ensure that funds are available to deal with both expected and unexpected events that arise within the social housing portfolio. In 2010 a total of \$294,000 (\$200,000 City) was transferred to the Social Housing Reserve fund. All requests for years after 2011 have not been recommended for approval and deferred to future years. The County of Essex would share approx. 37.4% of the cost of maintaining this fund based on the current arbitrated weighted assessment formula.

The Social Housing Reserve fund was established to assist Housing Providers with the cost of capital repairs in the housing stock, to offset with the impact of underfunded capital reserves, the impact of potential increases in interest rates, the impact of maturing mortgages and the impact of the legislated funding model. In the event that housing providers require emergency repairs and the provider has insufficient funds for the work, the fund can be accessed. This fund will also be accessed to deal with periodic building reviews, capital reserve fund studies and other capital planning activities and other housing related initiatives. Other municipalities of similar size (Region of Waterloo and the City of London) adopted a similar strategy and currently have invested funds for this purpose. It has previously been noted that there is a need to prepare for regeneration and rationalization of stock. The Windsor Essex 10-Year Housing and Homelessness Plan completed in April 2014 indicates a "mismatch in the housing stock related to mandate and unit size, with a higher demand for units appropriate for single individuals and large families". Demand for one bedroom units as well as larger units exceeds the current supply. There is a need to review this anomaly in an effort to 'rationalize the stock' and attempt to more closely match current and future demand. Other pressures that will require the use of the Social Housing Reserve fund would include the need for energy efficiency upgrades to save on energy costs, necessary health and safety and building envelope upgrades throughout the portfolio and the need to comply with the upcoming AODA built environment requirements.

The City of Windsor is the sole shareholder of Windsor Essex Community Housing Corporation (CHC) which owns and operates 4,708 social housing units in Windsor and Essex County (60% of the service area stock). In late 2015, CHC undertook a regeneration and rationalization study for their stock of 4708 units. The report is in the final stages of completion and a report to Council outlining the overall findings will be brought to Council in early 2018. See Project #HCS-001-14 Windsor Essex Community Housing Corporation for WECHC capital request.

In order to ensure accurate capital planning information was used for this study, Facility Condition Assessments (FCA) completed by a professional engineering firm, were undertaken on CHC assets. The FCA is now complete and CHC indicates that the outcome shows that CHC's assets are in poorer condition than originally estimated by CHC staff.

The FCA indicate that the average capital needs of CHC is estimated at \$11.2 million per year over the next ten years. CHC currently allocates \$ 3.6 million on a yearly basis for capital upgrades to its 4708 units. This represents an average shortfall of \$10 million per year. Based on these estimates, CHC's cumulative 10 year unfunded capital liability is estimated at \$112 million.

Version Description

Housing Services is requesting a total allocation of \$2.0M Gross (\$1.304M Net City) in 2019 and \$5.0M Gross (\$3.26M Net City) in each of 2022 and 2023. Based on industry and MMAH originally established capital fund allowances, the current reserve fund balance is inadequate. It is expected that the future net capital requirements of the Windsor Essex social housing providers (including CHC) will be in excess of the capital funds currently held by providers. As such, the providers will (and have been) approaching the City for assistance. At present it is estimated that total capital reserve fund balances held by Windsor Essex providers are approximately \$14M. It should be noted that of the 39 housing providers, 15% to 20% have little or no capital reserve balances and a large number would not have enough funding should a major capital repair be required. Windsor Essex Community Housing (CHC) has estimated that within their portfolio (approx. 60% of the stock) a large capital deficit exists. CHC currently indicates that, based on the results of Facility Condition Assessments (FCA) currently being undertaken at CHC properties, based on the current level of funding for capital purposes from the City of Windsor, the unfunded capital liability by 2027 will be \$112 million. In addition, WECHC indicates that over 70% of their units are now over 30 years or older. A study undertaken in 2005 on behalf of the Service Manager Housing Network identified overall projected capital reserve shortfalls in all non-profit projects province-wide. It was estimated that an additional \$600 - \$700 per unit/year should be deposited in provider Capital reserve funds (City of Windsor - \$2.1M/year from 2005) in order that capital needs of these providers be met in the future. At present, Housing Services has received a number of requests for funding for projects such as roofing, parking lot repairs/replacements, elevators, major building envelope repairs and accessibility needs. In March 2015, Housing Services received approval by City Council to withdraw up to \$600,000 from the Social Housing Reserve Fund to deal with similar projects to those outlined above. That request also included funding to CHC to secure consulting services to complete a study on the regeneration and rationalization of the Public Housing stock. The study is nearing completion and a detailed report to City Council will be prepared and brought forward in early 2018. The report confirms WECHC's previous concerns of the projected capital funding shortfall and indicates that should the current level of capital funding to WECHC properties continue "there will be an unfunded capital requirement of \$143 million by 2030". In 2016, new funding programs were announced through the Ministry of Housing (MHO) as follows:
- Social Housing Apartment Retrofit Program (SHARP) - \$ 3.134 million – As part of the Province's Green Investment Fund (GIF) this funding will support retrofits in social housing high-rise apartment building of 150 units or more.
- Social Housing Infrastructure Program (SHIP) - \$6.7 million - This funding is to assist in the repair and retrofit of existing social housing stock to address capital needs, improve energy efficiency and reduce greenhouse gas emissions. Provider requests for this funding in 2016 from all Social Housing providers in Windsor/Essex (including WECHC) exceeded \$ 21.1 million.
This funding has assisted with the most urgent repairs/retrofits in Windsor/Essex. The needs, as evidenced by the above noted CHC - FCA findings and the provider requests for SHIP funding, noted above, are in excess of this senior government funding. Without an ongoing source of funding for capital projects to repair and maintain aging Windsor/Essex social housing infrastructure, providers will have an increasing difficulty in maintaining this much needed community resource.

| | | | | | | | | | | | | |
|-----------------------------------|----------------------|----------------------------------|------------------|----------------------------------|---------------------------------|-------------|-------------|-----------------------------|-------------|-------------|------------------|-------------------|
| Project Comments/Reference | | | | Version Comments | | | | | | | | |
| 7109003 (closed) | | | | | | | | | | | | |
| Project Forecast | | Revenue | | Project Detailed Forecast | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | |
| 2019 | 2,000,000 | 1,303,898 | 696,102 | 5410 | Construction Contracts - TCA | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 2,000,000 | 0 | 0 | 5,000,000 | 5,000,000 | 38,000,000 | 50,000,000 |
| 2021 | 0 | 0 | 0 | | Total | | | | | | | |
| 2022 | 5,000,000 | 3,259,744 | 1,740,256 | | 0 | 2,000,000 | 0 | 0 | 5,000,000 | 5,000,000 | 38,000,000 | 50,000,000 |
| 2023 | 5,000,000 | 3,259,744 | 1,740,256 | Revenues | | | | | | | | |
| 2024+ | 38,000,000 | 24,774,062 | 13,225,938 | 169 | Pay As You Go - Capital Reserve | | | | | | | |
| 50,000,000 | 32,597,448 | 17,402,552 | | | 0 | 1,303,898 | 0 | 0 | 3,259,744 | 3,259,744 | 24,774,062 | 32,597,448 |
| | | | | 6340 | Net County Cost | | | | | | | |
| | | | | | 0 | 696,102 | 0 | 0 | 1,740,256 | 1,740,256 | 13,225,938 | 17,402,552 |
| | | | | | Total | | | | | | | |
| | | | | | 0 | 2,000,000 | 0 | 0 | 5,000,000 | 5,000,000 | 38,000,000 | 50,000,000 |
| Historical Approved Budget | | Revenue | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | |
| 2010 | 294,000 | 200,000 | 94,000 | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | |
| | | | | <u>Effective Date</u> | <u>Description</u> | | | | | | <u>Exp/(Rev)</u> | <u>FTE Impact</u> |
| | | | | Unknown | No operating budget impact. | | | | | | 0 | 0 |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | |
| 2007 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | | Mike Deimling | | | | Ongoing | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|--------------------------------------|
| Project # | HCS-001-14 | Service Area | Community Dev. & Health Commissioner |
| Budget Year | 2018 | Department | Housing & Children Services |
| Asset Type | Unassigned | Division | Housing Services |
| Title | Windsor Essex Community Housing Corporation Capital Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

Project Description

As per the 2014 Enhanced Capital Plan, Council approved in principle funds from the 2018 Debt Reduction Levy (DRL) for allocation towards the Windsor Essex Community Housing Corporation (WECHC).

In addition, WECHC has submitted a 2018 Capital request of \$3 million (City Costs) representing capital projects that have been identified in 2018 as “urgent” and “high priority”. “Urgent” is defined as a system or component non-functioning or missing or a severe visual annoyance; Repair or replacement in 1-2 years. “High Priority” is defined as the capital asset functioning unreliably, budget imminent failure expected, requires major operator intervention; Repair or replacement in 3-4 years.

Version Description

In 2014, Windsor Essex Community Housing Corporation (WECHC) was approved \$1.5 million (City costs) from the 2018 Debt Reduction Levy (DRL) as part of the 2014 Enhanced Capital. In 2018 budget process, WECHC is requesting approximately \$4.5 Million Gross (\$3.0 Million City).

As part of the City of Windsor’s Operating Budget, Windsor Essex Community Housing Corporation (CHC) currently receives \$3.1 million annually for capital projects and infrastructure upgrades for the Public Housing and Family Non-Profit Housing Portfolios. CHC’s Public Housing portfolio is aging and requests to the City over the last number of years for additional funding for capital purposes have not been approved. In late 2015, CHC engaged a professional engineering firm to undertake a comprehensive assessment of its building conditions through a third party Facility Condition Assessments (FCA). In mid-2017, CHC received a consolidated report summarizing the condition of all assets and an analysis of the unfunded capital liability for capital repairs and maintenance that have been deferred. This report outlined there will be an “unfunded capital requirement will reach \$112 million over the next 10 years with an annual funding requirement of \$11,209,000, assuming the current level of capital funding from the City (and County) to WECHC. The annual funding requirement of \$8.9 million can be attributed to the Public Housing unit portfolio.

Windsor Essex Community Housing Corporation (WECHC) indicates that “due to the poor condition of certain assets, CHC has strategically deferred capital maintenance in these developments. One single family home has been demolished and within the next 24 months other could follow. These and other developments require regeneration which provides potential opportunities for revenue generating initiatives.”

In March 2015, Housing Services received approval by City Council to withdraw up to \$600,000 from the Social Housing Reserve Fund to provide much needed capital funding to social housing providers in Windsor/Essex. That request also included funding to Windsor Essex Community Housing Corporation (WECHC) to secure consulting services to complete a study on the regeneration and rationalization of the Public Housing stock. Windsor Essex Community Housing Corporation (WECHC) is in final stages of completing this report. A report to Council presenting the results of the consultant’s findings is anticipated to be brought forward in 2018.

Project Comments/Reference

7189003

Version Comments

| Project Forecast | | Revenue | |
|-------------------------|----------------------|----------------------|------------------|
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> |
| 2018 | 2,252,800 | 1,500,000 | 752,800 |
| 2019 | 0 | 0 | 0 |
| 2020 | 0 | 0 | 0 |
| 2021 | 305,630 | 203,500 | 102,130 |
| 2022 | 4,198,099 | 2,796,500 | 1,401,599 |
| 2023 | 0 | 0 | 0 |
| 2024+ | 0 | 0 | 0 |
| | 6,756,529 | 4,500,000 | 2,256,529 |

| Project Detailed Forecast | | | | | | | | | |
|----------------------------------|---------------------------------|------------------|-------------|-------------|----------------|------------------|--------------|--------------|------------------|
| <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | |
| Expenses | | | | | | | | | |
| 5410 | Construction Contracts - TCA | | | | | | | | |
| | 2,252,800 | 0 | 0 | 305,630 | 4,198,099 | 0 | 0 | 6,756,529 | |
| | Total | 2,252,800 | 0 | 0 | 305,630 | 4,198,099 | 0 | 0 | 6,756,529 |
| Revenues | | | | | | | | | |
| 169 | Pay As You Go - Capital Reserve | | | | | | | | |
| | 1,500,000 | 0 | 0 | 203,500 | 2,796,500 | 0 | 0 | 4,500,000 | |
| 6340 | Net County Cost | | | | | | | | |
| | 752,800 | 0 | 0 | 102,130 | 1,401,599 | 0 | 0 | 2,256,529 | |
| | Total | 2,252,800 | 0 | 0 | 305,630 | 4,198,099 | 0 | 0 | 6,756,529 |

Historical Approved Budget

| Related Projects | | Operating Budget Impact | | |
|------------------|-----------------|------------------------------------|------------------------------|----------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date |
| 2014 | January 1, 2018 | Growth: 0.0 % Maintenance: 100.0 % | Mike Deimling/Debbie Cercone | 2018 |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|--------------------------------------|
| Project # | HLD-001-11 | Service Area | Community Dev. & Health Commissioner |
| Budget Year | 2018 | Department | Huron Lodge |
| Asset Type | Unassigned | Division | Nursing & Personal Care |
| Title | Huron Lodge Wireless Technology Implementation | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | Ward 1 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------|--|--|-------------------------------------|-------------------|-------------|-----------------------------|-------------|-------------|-------------|-------------|--------------------|--------------|---------------------|--|--|--|--|--|--|--|--------------------|-----------|---------------------|--|--|--|--|--|--|--|--------------|------------------|--|--|--|--|--|--|--|--|
| Project Description | | Version Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>-To install wireless technology throughout the home and implement wireless equipment that will facilitate entry of health care data into a clinical health record software and enhance business practices and resident continuity of services.</p> <p>-To achieve this, access points would have to be installed throughout each floor to ensure appropriate wireless coverage based on Information Technology's assessment.</p> <p>-Some additional hardware such as wiring and server for security is required.</p> <p>-Purchase of additional module (point of care-POC) from the clinical software to allow for wireless entry.</p> <p>-Purchase of additional clinical software licenses to allow for more users on the system.</p> <p>-Purchase of wireless equipment for point of care (POC) entry.</p> | | <p>As part of the agreement for Medical Pharmacies Group to provide pharmacy services at Huron Lodge (CAO#1805, 3808), the proponent will give an annual life enhancement fund for the life of the contracts (3 years with the option to extend for an additional 2 years) to be used for a program of Huron Lodge's choice. As communicated to the Social Development, Health and Culture Standing Committee (Report #16180) it is Huron Lodge's goal to implement an up-to-date point of care electronic documentation program which requires wireless technology throughout the home. Funding from Medical Pharmacies Group is as follows:</p> <table border="0"> <tr> <td>Contract 2012-2016</td> <td>\$400,000</td> <td>(\$80,000 per year)</td> <td colspan="7"></td> </tr> <tr> <td>Contract 2017-2020</td> <td>\$180,000</td> <td>(\$60,000 per year)</td> <td colspan="7"></td> </tr> <tr> <td>Total</td> <td>\$580,000</td> <td></td> <td colspan="7"></td> </tr> </table> | | | | | | | | | | Contract 2012-2016 | \$400,000 | (\$80,000 per year) | | | | | | | | Contract 2017-2020 | \$180,000 | (\$60,000 per year) | | | | | | | | Total | \$580,000 | | | | | | | | |
| Contract 2012-2016 | \$400,000 | (\$80,000 per year) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Contract 2017-2020 | \$180,000 | (\$60,000 per year) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | \$580,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | Version Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7135002 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5125 Computers - PCs | | 0 | 78,000 | 0 | 0 | 0 | 0 | 0 | 78,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 78,000 | 78,000 | 0 | <hr/> | | 0 | 78,000 | 0 | 0 | 0 | 0 | 0 | 78,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | Total | | 0 | 78,000 | 0 | 0 | 0 | 0 | 0 | 78,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | 0 | 78,000 | 0 | 0 | 0 | 0 | 0 | 78,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | <hr/> | | 0 | 78,000 | 0 | 0 | 0 | 0 | 0 | 78,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | Total | | 0 | 78,000 | 0 | 0 | 0 | 0 | 0 | 78,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 78,000 | 78,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | Operating Budget Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 2018-01-01 | Equipment Maintenance (Annual) | 3,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 2018-01-01 | Additional Licensing Fees for POC option (Annual) | 4,160 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 2018-01-01 | Software License, Maintenance, Database Hosting Fee (Annual)- CAO Report 3660. | 20,800 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 2018-01-01 | WIFI I.T. maintenance fee (Annual) | 5,520 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 2019-01-01 | WIFI I.T. maintenance fee (Annual) | 5,520 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 2019-01-01 | Software License, Maintenance, Database Hosting Fee (Annual)- CAO Report 3660. | 20,800 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 2019-01-01 | Additional Licensing Fees for POC option (Annual) | 4,160 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 2019-01-01 | Equipment Maintenance (Annual) | 3,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | Est. Completion Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | |
|------|-----------------|----------------------------------|--------------|------|
| 2011 | January 1, 2017 | Growth: 0.0 % Maintenance: 0.0 % | Susan Rogers | 2019 |
|------|-----------------|----------------------------------|--------------|------|



Project Version Summary

| | | | |
|-----------------------|---|---------------------|--------------------------------------|
| Project # | HLD-001-12 | Service Area | Community Dev. & Health Commissioner |
| Budget Year | 2018 | Department | Huron Lodge |
| Asset Type | Unassigned | Division | Nursing & Personal Care |
| Title | Huron Lodge Nursing Equipment Replacement Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | Ward 1 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|---------------------|--|---------------------------------|-------------|-------------|-----------------------------|-------------|-------------|------------------|-------------------|-----------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| To provide a capital project for replacement of nursing equipment from a risk management prospective to address the safety and security of residents, staff and visitors and ensure all nursing equipment meets manufacturer requirements as outlined in the Long Term Care Homes Act (2007). | | | | 1) Establishment of a Floor Lift replacement program - \$222,000 (10 years - life expectancy) 2) Establishment of an Alenti/Miranti bath/Tornado/shower chair replacement program - \$420,500 (10 years - life expectancy) 3) Establishment of a shower tub replacement program - \$210,000 (15 years - life expectancy) | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | |
| 2019 | 150,000 | 150,000 | 0 | 5110 | Machinery & Equipment - TCA | | | | | | | | | | |
| 2020 | 150,000 | 150,000 | 0 | | 0 | 150,000 | 150,000 | 150,000 | 450,000 | 50,000 | 577,500 | 1,527,500 | | | |
| 2021 | 150,000 | 150,000 | 0 | | Total | | | | | | | | | | |
| 2022 | 450,000 | 450,000 | 0 | | 0 | 150,000 | 150,000 | 150,000 | 450,000 | 50,000 | 577,500 | 1,527,500 | | | |
| 2023 | 50,000 | 50,000 | 0 | Revenues | | | | | | | | | | | |
| 2024+ | 577,500 | 577,500 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | |
| | 1,527,500 | 1,527,500 | 0 | | 0 | 150,000 | 150,000 | 150,000 | 450,000 | 50,000 | 577,500 | 1,527,500 | | | |
| | | | | | Total | 0 | 150,000 | 150,000 | 150,000 | 450,000 | 50,000 | 577,500 | 1,527,500 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| Related Projects | | | | Effective Date | Description | | | | | | Exp/(Rev) | FTE Impact | | | |
| | | | | Unknown | Preventative Maintenance | | | | | | 0 | 0 | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | | Est. Completion Date | | | | | | | |
| 2012 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | Susan Rogers | | | | | Ongoing | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|--------------------------------------|
| Project # | HLD-001-15 | Service Area | Community Dev. & Health Commissioner |
| Budget Year | 2018 | Department | Huron Lodge |
| Asset Type | Unassigned | Division | Nursing & Personal Care |
| Title | Huron Lodge Ceiling Mounted Resident Lift Replacement Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | Ward 1 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|--|--|----------------------------|-------------|-----------------------------|-------------|-------------|-------------|--------------|--------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | | | |
| To provide a capital program for the replacement of ceiling lifts, from a risk management prospective, to address the safety and security of residents and ensure all nursing equipment meets the manufacturer requirements as outlined in the Long Term Care Homes Act (2007). | | | | This project is for the replacement of the 199 ceiling lifts within Huron Lodge. This is a phased-in project to accommodate approximately 5 lifts in the first year and 20 lifts every year thereafter. The cost to replace ceiling lifts include the track, motor, battery, slings and labour. This includes ceiling lifts in resident rooms and tub rooms. | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 Machinery & Equipment - TCA | | | | | | | | | | | |
| 2019 | 115,000 | 115,000 | 0 | | | 0 | 115,000 | 200,000 | 200,000 | 100,000 | 100,000 | 1,285,000 | 2,000,000 | | |
| 2020 | 200,000 | 200,000 | 0 | Total | | 0 | 115,000 | 200,000 | 200,000 | 100,000 | 100,000 | 1,285,000 | 2,000,000 | | |
| 2021 | 200,000 | 200,000 | 0 | Revenues | | | | | | | | | | | |
| 2022 | 100,000 | 100,000 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | |
| 2023 | 100,000 | 100,000 | 0 | | | 0 | 115,000 | 200,000 | 200,000 | 100,000 | 100,000 | 1,285,000 | 2,000,000 | | |
| 2024+ | 1,285,000 | 1,285,000 | 0 | Total | | 0 | 115,000 | 200,000 | 200,000 | 100,000 | 100,000 | 1,285,000 | 2,000,000 | | |
| 2,000,000 | | 2,000,000 | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| Related Projects | | | | Effective Date | | Description | | | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | | No Operating Budget Impact | | | | | | | | 0 | 0 |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2015 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | | Susan Rogers | | | | Ongoing | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|--------------------------------------|
| Project # | HLD-002-15 | Service Area | Community Dev. & Health Commissioner |
| Budget Year | 2018 | Department | Huron Lodge |
| Asset Type | Unassigned | Division | Nursing & Personal Care |
| Title | Huron Lodge Resident Monitoring & Nurse Bedside Call System | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | Ward 1 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | |
|--|----------------------|--|----------------------------|-----------------------------|-------------------|-------------|-------------|-------------|--------------|--------------|
| Project Description | | Version Description | | | | | | | | |
| This project allows for a safe and secure environment for the residents of Huron Lodge. This project replaces all equipment required for the resident monitoring, security and access throughout the home property including the bedside call system, addresses risk management and the safety and security of all residents indoors and outdoors. | | Due to technology changes, upgrades and infection control concerns, a complete replacement of the resident access and nurse bedside call system was projected to be replaced and funding allocated in 2018. This includes the current WanderGuard system, bedside nurse call buttons and paging system. Full replacement actually occurred in 2016 as the current system failed and was beyond repair with parts/technology being obsolete. Funding source for replacement was wireless project HLD-001-11 to be paid back to wireless in 2018 from this project per CR296/2016. Budget amounts are estimates. 2019-Software and Hardware updates/repairs 2021-Software and Hardware updates/repairs Updates allow for fundamental communication components in responding to resident needs. 2022-Replacement communication system required due to technological advances. This budget is based on 2016 costs and may change by 2022. 2023- Wanderguard secured outdoor area for all residents to use. Currently there is no common outdoor secure area for residents. Due to increased resident population with dementia this would limit the health and safety risks which exist. Fencing, accessible walkway, modest shade gazebo, benches, WanderGuard secured. | | | | | | | | |
| Project Comments/Reference | | Version Comments | | | | | | | | |
| 7163001 | | 2016-A new spectralink system was purchased/implemented due to an emergency failure of the system and funding was borrowed from the wireless technology project. 2018-Move \$100,000 to wireless technology project 7135002 HLD-001-11 | | | | | | | | |
| Project Forecast | | Project Detailed Forecast | | | | | | | | |
| | Revenue | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | |
| 2018 | 100,000 | 100,000 | 0 | | | | | | | |
| 2019 | 25,000 | 25,000 | 0 | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | |
| 2021 | 20,000 | 20,000 | 0 | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | |
| 2023 | 100,000 | 100,000 | 0 | | | | | | | |
| 2024+ | 150,000 | 150,000 | 0 | | | | | | | |
| | 395,000 | 395,000 | 0 | | | | | | | |
| Historical Approved Budget | | Operating Budget Impact | | | | | | | | |
| | | Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | |
| | | Unknown | No Operating Budget Impact | 0 | 0 | | | | | |
| Related Projects | | Project Lead | | Est. Completion Date | | | | | | |
| 2015 | January 1, 2019 | Growth: 0.0 % Maintenance: 100.0 % | | Susan Rogers | | 2024 | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|--------------------------------------|
| Project # | HLD-001-17 | Service Area | Community Dev. & Health Commissioner |
| Budget Year | 2018 | Department | Huron Lodge |
| Asset Type | Unassigned | Division | Nutrition & Dietary Services |
| Title | Huron Lodge Dietary Servery Updates and Equipment Replacement | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | Ward 1 | | |
| Version Name | Main (Active) | | |

| | |
|---|---|
| Project Description | Version Description |
| <p>Huron Lodge has 7 servery and dining rooms within the building which was built in 2007. Each servery and dining room is located within each resident home area in which 32 residents live. The servery is where the staff members do small food preparation work and food is kept warm or cold. Staff pick up the meals from the servery to deliver to the dining room.</p> <p>Each servery includes the following equipment: 1 reach-in fridge, industrial microwave, steam table, cold food table, rotary toaster and small toaster. Each servery has a pantry, cupboards and counter top. The replacement of fridges is part of HLD-004-15.</p> <p>It is estimated at this time that each servery including its equipment will require updating in the next 5 years. Wear and tear is already prevalent with the countertops chipping and are susceptible to mold.</p> <p>One servery shall be updated per year and be completed at the cost of \$35,000 commencing in 2021.</p> <p>The following equipment/updates are required to be replaced when the servery is updated. Microwave \$500, steam table \$12,000, cold table \$2,000, rotary toasters \$1,000, multiple use oven \$9,000 and stainless steel countertop installation.</p> | <p>One servery shall be updated per year be completed at the cost of \$35,000 commencing in 2021.</p> <p>The following equipment/updates are required to be replaced when the servery is updated. Microwave \$500, steam table \$12,000, cold table \$2,000, rotary toasters \$1,000, multiple use oven \$9,000, stainless steel countertop installation.</p> |

| | |
|-----------------------------------|-------------------------|
| Project Comments/Reference | Version Comments |
| | |

| Project Forecast | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----------------------------------|----------------|---------------|---------------|---------------|---------------|----------------|----------------|---|---|------|---|---|---|------|---|---|---|------|--------|--------|---|------|--------|--------|---|------|--------|--------|---|-------|---------|---------|---|--------------|----------------|----------------|----------|---|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|---|---|---|--------|--------|--------|---------|---------|--------------|----------|----------|----------|---------------|---------------|---------------|----------------|----------------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|---|---|---|--------|--------|--------|---------|---------|--------------|----------|----------|----------|---------------|---------------|---------------|----------------|----------------|
| <table border="1" style="width: 100%;"> <thead> <tr> <th rowspan="2">Year</th> <th rowspan="2">Total Expense</th> <th colspan="2">Revenue</th> </tr> <tr> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2019</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2020</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2021</td><td>35,000</td><td>35,000</td><td>0</td></tr> <tr><td>2022</td><td>35,000</td><td>35,000</td><td>0</td></tr> <tr><td>2023</td><td>35,000</td><td>35,000</td><td>0</td></tr> <tr><td>2024+</td><td>140,000</td><td>140,000</td><td>0</td></tr> <tr><td>Total</td><td>245,000</td><td>245,000</td><td>0</td></tr> </tbody> </table> | Year | Total Expense | Revenue | | Net City Cost | Subsidies | 2018 | 0 | 0 | 0 | 2019 | 0 | 0 | 0 | 2020 | 0 | 0 | 0 | 2021 | 35,000 | 35,000 | 0 | 2022 | 35,000 | 35,000 | 0 | 2023 | 35,000 | 35,000 | 0 | 2024+ | 140,000 | 140,000 | 0 | Total | 245,000 | 245,000 | 0 | <table border="1" style="width: 100%;"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5111 Machinery & Equipment -Non TCA</td> <td>0</td> <td>0</td> <td>0</td> <td>35,000</td> <td>35,000</td> <td>35,000</td> <td>140,000</td> <td>245,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>35,000</td> <td>35,000</td> <td>35,000</td> <td>140,000</td> <td>245,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td>0</td> <td>0</td> <td>0</td> <td>35,000</td> <td>35,000</td> <td>35,000</td> <td>140,000</td> <td>245,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>35,000</td> <td>35,000</td> <td>35,000</td> <td>140,000</td> <td>245,000</td> </tr> </tbody> </table> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5111 Machinery & Equipment -Non TCA | 0 | 0 | 0 | 35,000 | 35,000 | 35,000 | 140,000 | 245,000 | Total | 0 | 0 | 0 | 35,000 | 35,000 | 35,000 | 140,000 | 245,000 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | 0 | 0 | 0 | 35,000 | 35,000 | 35,000 | 140,000 | 245,000 | Total | 0 | 0 | 0 | 35,000 | 35,000 | 35,000 | 140,000 | 245,000 |
| Year | | | Total Expense | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 35,000 | 35,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 35,000 | 35,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 35,000 | 35,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 140,000 | 140,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 245,000 | 245,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5111 Machinery & Equipment -Non TCA | 0 | 0 | 0 | 35,000 | 35,000 | 35,000 | 140,000 | 245,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 35,000 | 35,000 | 35,000 | 140,000 | 245,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | 0 | 0 | 0 | 35,000 | 35,000 | 35,000 | 140,000 | 245,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 35,000 | 35,000 | 35,000 | 140,000 | 245,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|-----------------------------------|--|
| Historical Approved Budget | |
|-----------------------------------|--|

| Related Projects | Operating Budget Impact | | | | | | | | |
|-------------------------|---|----------------|-------------|-----------|------------|---------|----------------------------|---|---|
| | <table border="1" style="width: 100%;"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>No Operating Budget Impact</td> <td>0</td> <td>0</td> </tr> </tbody> </table> | Effective Date | Description | Exp/(Rev) | FTE Impact | Unknown | No Operating Budget Impact | 0 | 0 |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | |
| Unknown | No Operating Budget Impact | 0 | 0 | | | | | | |

| | | | | |
|------------------------|-------------------|----------------------------------|---------------------|-----------------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date |
| 2017 | January 1, 2021 | Growth: 0.0 % Maintenance: 0.0 % | Cathy Harris | 2024+ |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|--------------------------------------|
| Project # | HLD-003-15 | Service Area | Community Dev. & Health Commissioner |
| Budget Year | 2018 | Department | Huron Lodge |
| Asset Type | Unassigned | Division | Nutrition & Dietary Services |
| Title | Huron Lodge Dish Machines and Industrial Kitchen Equipment Replacement | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | Ward 1 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|---|----------------------|------------------------------------|------------------|--|--|----------------------------|-------------|-----------------------------|-------------|-------------|-------------|--------------|--------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | | | |
| To establish a capital project to replace the dish machines and other industrial equipment within the kitchen at Huron Lodge that addresses risk management, quality assurance, and resident care requirements. This equipment is used as part of Huron Lodge's infection control procedures offering industrial quality sanitation and cleaning practices. | | | | To establish a project for the replacement of the dish machines in the kitchen at Huron Lodge. This equipment has a life span of 8 - 10 years and by 2018 will need to be replaced as the cost of repairs on old equipment is too costly. Also included in this project is the replacement of other industrial equipment such as hot carts. 2021-The rooftop make-up air unit will also need to be replaced. The estimated cost for this unit is \$110,000. | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| 7183001 | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 80,000 | 80,000 | 0 | 5111 Machinery & Equipment -Non TCA | | | | | | | | | | | |
| 2019 | 95,000 | 95,000 | 0 | | | 80,000 | 95,000 | 0 | 110,000 | 0 | 40,000 | 0 | 325,000 | | |
| 2020 | 0 | 0 | 0 | | | Total | | 80,000 | 95,000 | 0 | 110,000 | 0 | 40,000 | 0 | 325,000 |
| 2021 | 110,000 | 110,000 | 0 | Revenues | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | |
| 2023 | 40,000 | 40,000 | 0 | | | 80,000 | 95,000 | 0 | 110,000 | 0 | 40,000 | 0 | 325,000 | | |
| 2024+ | 0 | 0 | 0 | | | Total | | 80,000 | 95,000 | 0 | 110,000 | 0 | 40,000 | 0 | 325,000 |
| | | 325,000 | 325,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | | No Operating Budget Impact | | | | | | | | 0 | 0 |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2015 | January 1, 2018 | Growth: 0.0 % Maintenance: 100.0 % | | Cathy Harris | | | | 2023 | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|--------------------------------------|
| Project # | HLD-004-15 | Service Area | Community Dev. & Health Commissioner |
| Budget Year | 2018 | Department | Huron Lodge |
| Asset Type | Unassigned | Division | Nutrition & Dietary Services |
| Title | Huron Lodge Refrigeration and Freezer Equipment Replacement | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | Ward 1 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|--|----------------------|------------------------------------|------------------|--|--|----------------------------|---------------|-----------------------------|-------------|----------------|-------------|------------------|----------------|-------------------|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| To establish a capital project for the replacement of the refrigeration and freezer equipment throughout the RHA servery, pantry, and main kitchen at Huron Lodge. | | | | This equipment has a life expectancy of 8 to 10 years and by 2018 this equipment will need to be replaced as the cost of repairs will be too costly. Items requiring major repairs or replacing include 3 fridge walk-ins, 2 freezer walk-ins, and several fridges and freezers for the dietary (16 units) and nursing areas (16 units) . Some units will be purchased new and others can be repaired through the purchase of compressors and motors. 2022-establish replacement program for fridge/freezers and purchase software system for monitoring temperature for food and medications as required per the Ministry of Health and long term care standards. | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| 7183002 | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 80,000 | 80,000 | 0 | 5111 Machinery & Equipment -Non TCA | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | 80,000 | 0 | 0 | 0 | 175,000 | 0 | 0 | 255,000 | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2022 | 175,000 | 175,000 | 0 | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | |
| | 255,000 | 255,000 | 0 | Revenues | | | | | | | | | | | |
| | | | | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | |
| | | | | | | 80,000 | 0 | 0 | 0 | 175,000 | 0 | 0 | 255,000 | | |
| | | | | | | | | | | | | | | | |
| | | | | | | Total | 80,000 | 0 | 0 | 175,000 | 0 | 0 | 255,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | Exp/(Rev) | | FTE Impact | |
| | | | | Unknown | | No Operating Budget Impact | | | | | | 0 | | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2015 | January 1, 2018 | Growth: 0.0 % Maintenance: 100.0 % | | Cathy Harris | | | | 2022 | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|--------------------------------------|
| Project # | HLD-006-15 | Service Area | Community Dev. & Health Commissioner |
| Budget Year | 2018 | Department | Huron Lodge |
| Asset Type | Unassigned | Division | Nutrition & Dietary Services |
| Title | Huron Lodge Dietary Management System Upgrades | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | Ward 1 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|--|---------------------------------|-------------|-------------|-------------|-----------------------------|-------------|-------------|------------------|-------------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| This system will allow for a real time posting of all therapeutic information, such as but not limited to, individual needs, daily and weekly menus, diet cards, production sheets, and real time resident dietary requirements. This will mitigate risks such as aspiration, allergic reactions, ministry requirements, and consistent proper seating arrangements, etc. | | | | This project will allow the Dietary area to update resident files in real-time as opposed to the current manual system which requires binders in several locations in every resident home area and main kitchen to be updated daily (e.g. therapeutics count sheets, production sheets, table cards, seating placements, nourishment list, etc, all required by the Ministry of Health and long term care). This will allow for computerized menus to be posted electronically and all changes to be reflected in real time as they are made. This would also benefit the nursing staff as they will have access to the most up-to-date information in providing resident care which will reduce risk to the residents of Huron Lodge and the Corporation of the City of Windsor. Improved production efficiencies will result with streamlining the process in which data is entered and significant reduction of risk to resident health. It is expected there will be an operating budget impact as a new software may have an annual license fee and if tablets are purchased our IT department may charge the department an annual fee. Budget is based on 2016 estimates. 2019- 7 screens and keyboards for each dietary servery, purchase new software to allow for point of care for dietary needs, possible wiring WIFI connection updates 2022- integration with clinical software and point of care tablets 2023- integration with current dietary software and menu integration, hardware such as computer terminal in the kitchen, monitors in the dining rooms, software updates as required. | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 | Machinery & Equipment - TCA | | | | | | | | | | |
| 2019 | 65,000 | 65,000 | 0 | | | 0 | 65,000 | 0 | 0 | 75,000 | 105,000 | 0 | 245,000 | | |
| 2020 | 0 | 0 | 0 | Total | | 0 | 65,000 | 0 | 0 | 75,000 | 105,000 | 0 | 245,000 | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2022 | 75,000 | 75,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | |
| 2023 | 105,000 | 105,000 | 0 | | | 0 | 65,000 | 0 | 0 | 75,000 | 105,000 | 0 | 245,000 | | |
| 2024+ | 0 | 0 | 0 | Total | | 0 | 65,000 | 0 | 0 | 75,000 | 105,000 | 0 | 245,000 | | |
| | 245,000 | 245,000 | 0 | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| Related Projects | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | | |
| | | | | Unknown | License Fees | | | | | | | 0 | 0 | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | |
| 2015 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | | Cathy Harris | | | | | 2023 | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|--------------------------------------|
| Project # | HLD-001-13 | Service Area | Community Dev. & Health Commissioner |
| Budget Year | 2018 | Department | Huron Lodge |
| Asset Type | Unassigned | Division | Program Services |
| Title | Huron Lodge Beds/Mattresses/Furniture Replacement Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | Ward 1 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|---------------------|---|---------------------------------|----------------------------|-----------------------------|-------------|-------------|------------------|--------------|-------------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| Heavy usage by residents and constant environmental disinfection practices results in irreparable damages to the resident furniture. A capital replacement program averaging every 7 - 10 years is recommended to provide for furniture replacement. | | | | A replacement program for the beds and mattresses along with mandatory utilitarian furniture require replacement due to age (10+ years) and wear and breakdown from cleaning chemicals. | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | |
| 2019 | 250,000 | 250,000 | 0 | 5130 | Furniture & Furnishings | | | | | | | | | |
| 2020 | 100,000 | 100,000 | 0 | | 0 | 250,000 | 100,000 | 100,000 | 100,000 | 100,000 | 1,100,000 | 1,750,000 | | |
| 2021 | 100,000 | 100,000 | 0 | | Total | | | | | | | | | |
| 2022 | 100,000 | 100,000 | 0 | | 0 | 250,000 | 100,000 | 100,000 | 100,000 | 100,000 | 1,100,000 | 1,750,000 | | |
| 2023 | 100,000 | 100,000 | 0 | Revenues | | | | | | | | | | |
| 2024+ | 1,100,000 | 1,100,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | |
| | 1,750,000 | 1,750,000 | 0 | | 0 | 250,000 | 100,000 | 100,000 | 100,000 | 100,000 | 1,100,000 | 1,750,000 | | |
| | | | | | Total | | | | | | | | | |
| | | | | | 0 | 250,000 | 100,000 | 100,000 | 100,000 | 100,000 | 1,100,000 | 1,750,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | Exp/(Rev) | | FTE Impact | | |
| | | | | Unknown | | No Operating Budget Impact | | | | 0 | | 0 | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2013 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | Mary Bateman | | | | Ongoing | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|--------------------------------------|
| Project # | HLD-002-12 | Service Area | Community Dev. & Health Commissioner |
| Budget Year | 2018 | Department | Huron Lodge |
| Asset Type | Unassigned | Division | Program Services |
| Title | Huron Lodge Cooking and Food Preparation Equipment Replacement Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | Ward 1 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|---|----------------------|------------------------------------|------------------|--|--|----------------------------|-------------|-----------------------------|-------------|------------------|-------------|-------------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| To ensure there is an efficient capital fund for the Dietary Services division of Huron Lodge that addresses risk management, quality assurance, and resident care as it relates to legislated food services. | | | | Establishment of a replacement program to purchase, upgrade, and or replace Dietary equipment for food storage & preparation equipment which must comply with the Ministry of Health and Long Term Care Act and Regulations as well as other legislated food service standards to ensure quality of food service to residents to maximize nutritional needs. Equipment such as ovens, steamers, food preparation equipment, heating, food waste disposals and steam tables, have a life span of 8 – 10 years. The current cost to replace an industrial oven is \$35,000 - \$40,000 with an expected life of 8 - 10 years. All equipment is currently 10 years old and replacement is imminent. Continuous repair costs may eventually exceed the cost of full replacement. | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| 7183003 | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 40,000 | 40,000 | 0 | 5111 Machinery & Equipment -Non TCA | | | | | | | | | | | |
| 2019 | 40,000 | 40,000 | 0 | | | 40,000 | 40,000 | 0 | 40,000 | 40,000 | 40,000 | 0 | 200,000 | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2021 | 40,000 | 40,000 | 0 | | | | | | | | | | | | |
| 2022 | 40,000 | 40,000 | 0 | | | | | | | | | | | | |
| 2023 | 40,000 | 40,000 | 0 | Revenues | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | 160 Capital Expenditure Reserve | | 40,000 | 0 | 0 | 0 | 0 | 0 | 0 | 40,000 | | |
| | 200,000 | 200,000 | 0 | 169 Pay As You Go - Capital Reserve | | 0 | 40,000 | 0 | 40,000 | 40,000 | 40,000 | 0 | 160,000 | | |
| | | | | Total | | 40,000 | 40,000 | 0 | 40,000 | 40,000 | 40,000 | 0 | 200,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| Related Projects | | | | Effective Date | | Description | | | | Exp/(Rev) | | FTE Impact | | | |
| | | | | Unknown | | No Operating Budget Impact | | | | 0 | | 0 | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2012 | January 1, 2018 | Growth: 0.0 % Maintenance: 100.0 % | | Cathy Harris | | | | Ongoing | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|--------------------------------------|
| Project # | HLD-002-17 | Service Area | Community Dev. & Health Commissioner |
| Budget Year | 2018 | Department | Huron Lodge |
| Asset Type | Unassigned | Division | Resident Services |
| Title | Huron Lodge Resident Services Equipment Replacement | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Community & Economic Development | | |
| Wards | Ward 1 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|---|----------------------|----------------------|------------------|--|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--|
| Project Description | | | | Version Description | | | | | | | | | |
| Establish an equipment replacement program for the Resident Services Division of Huron Lodge that addresses risk management, enriched quality of life, Physiotherapy and Group Exercise programs, and improved delivery of resident programs. | | | | <p>Establishment of a replacement program over the next five years to purchase, upgrade and or replace equipment for Physiotherapy Services and Resident life enrichment. These must comply with the Ministry of Health and Long Term Care Physiotherapy and Recreation and Social Activities regulations. Maintaining physical function in long term care is critical for improved functions across all aspects of resident care. By being able to provide the appropriate equipment to maintain or improve a resident's abilities we see reduced skin issues, improved ADL performance and increased psychosocial well being. Equipment such as ultrasounds, tens machines, and pedlars ensure our residents receive the appropriate exercises, range of motion, and strengthening to improve or maintain their physical abilities.</p> <p>In addition to equipment for Physiotherapy and group exercise there are various equipment pieces that improve the programs and leisure time of our residents. It is mandated by the Act that the home provide a recreation program that meets the needs of the residents. Televisions, sound equipment, therapeutic recreation pieces, resident computers, and a large projection screen are all equipment that is necessary to enrich the lives of our residents. The use of technology and software in resident programming is vital in order to keep Huron lodge current with best practices in the private sector.</p> <p>\$15,000 - Auditorium TV \$10,000 - TVs (7 Lounge, 1 Therapy Room, 1 Café and 1 Front Main Area) \$10,000 - Ipads and Software (8) \$2,000 - Camera \$10,000 - Computers (7 Resident, 1 for Library) \$2,500 - BBQ \$5,000 - Canopy \$10,000 - Outdoor Furniture \$10,000 - Snoezelen Equipment \$5,000 - Celebration Dining Room Furniture \$45,000 - Physio and Exercise Room Equipment \$50,000 - Shade Structure for Outdoor Equipment</p> | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5111 Machinery & Equipment -Non TCA | | | 0 | 124,500 | 50,000 | 0 | 0 | 174,500 | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 124,500 | 50,000 | 0 | 0 | 174,500 | |
| 2020 | 0 | 0 | 0 | Total | 0 | 0 | 0 | 124,500 | 50,000 | 0 | 0 | 174,500 | |
| 2021 | 124,500 | 124,500 | 0 | Revenues | | | | | | | | | |
| 2022 | 50,000 | 50,000 | 0 | 169 Pay As You Go - Capital Reserve | | | 0 | 124,500 | 50,000 | 0 | 0 | 174,500 | |
| 2023 | 0 | 0 | 0 | | 0 | 0 | 0 | 124,500 | 50,000 | 0 | 0 | 174,500 | |
| 2024+ | 0 | 0 | 0 | Total | 0 | 0 | 0 | 124,500 | 50,000 | 0 | 0 | 174,500 | |
| | 174,500 | 174,500 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | |

| Related Projects | | | Operating Budget Impact | | |
|------------------|-----------------|----------------------------------|-------------------------|----------------------|------------------------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | |
| 2017 | January 1, 2021 | Growth: 0.0 % Maintenance: 0.0 % | Amanda Caslick | 2022 | |
| | | | | | Exp/(Rev) FTE Impact |
| | | | | | 0 0 |
| | | | | | Unknown No Operating Budget Impact |

2018 Approved Capital Budget



Capital Project Summaries

Office of Parks, Recreation, Culture & Facilities



Project Version Summary

| | | | |
|-----------------------|-----------------------------------|---------------------|---|
| Project # | ECB-010-18 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Facility Operations |
| Title | Capitol Theatre Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | Ward 3 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|--|---------------------------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | Allocated funds will be used to upgrade and replace various components of theatre equipment. These are expected to include a projector (\$28,000), audio (\$5,000), television (\$6,000) and lighting upgrades (\$22,000) with funds expended on a facility needs basis. | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7183008 | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | |
| 2020 | 60,000 | 60,000 | 0 | | 0 | 0 | 60,000 | 0 | 0 | 0 | 0 | 60,000 | | |
| 2021 | 0 | 0 | 0 | Total | 0 | 0 | 60,000 | 0 | 0 | 0 | 0 | 60,000 | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 0 | 60,000 | 0 | 0 | 0 | 0 | 60,000 | | |
| | 60,000 | 60,000 | 0 | Total | 0 | 0 | 60,000 | 0 | 0 | 0 | 0 | 60,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | |
| 2018 | March 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | | Mark Spizzirri | | | | | TBD | | | | | |



Project Version Summary

| | | | |
|-----------------------|---------------------------------------|---------------------|---|
| Project # | ENG-004-16 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Facility Operations |
| Title | Corporate Facilities Access Protocols | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

Project Description

An internal audit on Corporate Facilities Key Control was conducted by the Office of Continuous Improvement. One of its recommendations stated "An opportunity exists for the Facility Operations Division to provide guidance to operating departments in the expected minimum standards and other best practices that should be utilized for tracking keys issued to employees. The Division should develop templates and guidelines for distribution to those managers in operating departments who are responsible for the security of City facilities."

The City of Windsor has a duty under the Occupier's Liability Act and the Occupational Health & Safety Act to protect employees and members of the public from foreseeable dangers, to ensure they are reasonably safe while on the premises, and to maintain a safe workplace. Keys provide access to buildings and consequently, to the people located within the buildings. An absence of strict key control could pose a security and a Health & Safety risk.

Keys within the corporation are currently handled on an ad hoc basis. Each facility tracks and maintains its own sets of keys. There is no standardized methodology to ensure keys are returned or not duplicated or that locks are changed if keys are lost.

The key management system will include changing keys and locks of all external & internal doors in a facility to a secure format. Software will be purchased to monitor key access & distribution of keys. A policy will be created to provide common rules for the usage of keys.

Version Description

There are 41 facilities identified as the priority to change locks and regulate key assignments. These include administration buildings, community centres, fire halls, and other recreation & culture buildings such as Art Gallery, Willistead, Windsor International Aquatics Centre etc. All facilities eventually need to be converted to a key control system. Initially, the focus for conversion will be on areas where staff is located, including many administrative buildings, community centres, fire halls, and operations buildings.

The work will be done in phases over a number of years:

2018: \$75,000 for inventory control cameras at various sites
 2019: \$150,000 to convert 8 - 10 buildings.
 2020: \$50,000 to convert 4 facilities.

Project Comments/Reference

7165002

Version Comments

| Project Forecast | | Revenue | |
|------------------|----------------|----------------|-----------|
| Year | Total Expense | Net City Cost | Subsidies |
| 2018 | 75,000 | 75,000 | 0 |
| 2019 | 150,000 | 150,000 | 0 |
| 2020 | 50,000 | 50,000 | 0 |
| 2021 | 0 | 0 | 0 |
| 2022 | 0 | 0 | 0 |
| 2023 | 0 | 0 | 0 |
| 2024+ | 150,000 | 150,000 | 0 |
| | 425,000 | 425,000 | 0 |

| Project Detailed Forecast | | | | | | | | | |
|---------------------------|---------------------------------|---------|--------|------|------|------|---------|---------|--|
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | |
| Expenses | | | | | | | | | |
| 5410 | Construction Contracts - TCA | | | | | | | | |
| | 75,000 | 150,000 | 50,000 | 0 | 0 | 0 | 150,000 | 425,000 | |
| Total | 75,000 | 150,000 | 50,000 | 0 | 0 | 0 | 150,000 | 425,000 | |
| Revenues | | | | | | | | | |
| 169 | Pay As You Go - Capital Reserve | | | | | | | | |
| | 75,000 | 150,000 | 50,000 | 0 | 0 | 0 | 150,000 | 425,000 | |
| Total | 75,000 | 150,000 | 50,000 | 0 | 0 | 0 | 150,000 | 425,000 | |

| Historical Approved Budget | | Revenue | |
|----------------------------|---------------|---------------|-----------|
| Year | Total Expense | Net City Cost | Subsidies |
| 2016 | 100,000 | 100,000 | 0 |
| 2017 | 150,000 | 150,000 | 0 |

| Related Projects | | | Operating Budget Impact | | Exp/(Rev) | FTE Impact |
|------------------|-----------------|------------------------------------|-------------------------|----------------------|-----------|------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | |
| | | | | | 0 | 0 |
| 2016 | January 4, 2016 | Growth: 0.0 % Maintenance: 100.0 % | Mel Douglas | 2020 | | |
| | | | | | 0 | 0 |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---|
| Project # | ENG-006-16 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Facility Operations |
| Title | Coventry Gardens Peace Fountain Capital Repairs | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | Ward 6 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|--|---|-------------|-------------|-----------------------------|-------------|-------------|--------------|------------------|-------------------|--|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | |
| The Peace Fountain was constructed in 1978 as per the customized requirements of the City. It underwent a major overhaul and structural rebuild in 1988. Since then, the Parks department has been maintaining the Fountain from operating funds by prioritizing needs. | | | | Most of its systems and fixtures are outdated. For example, the lighting is run by a DOS based software program that is understood by very few. Computer control systems, valves, electrical breaker panels and other components require a major review and replacement. The RFP will be put together to hire a consultant to review the entire structure and put forward recommendations for this aging fountain. Subsequent action will be based on the consultant's findings. Enterprise Risk(s): This funding will mitigate against the identified Portrayal enterprise risk. The Peace Fountain is a source of civic pride and the City of Windsor would be portrayed in a negative light if pulled out of service due to maintenance issues. | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | |
| 7162002 | | | | The foundations (caissons) are starting to degrade, which would require approximately \$100,000. | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | 0 0 0 0 100,000 0 100,000 200,000 | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | Total 0 0 0 0 100,000 0 100,000 200,000 | | | | | | | | | | | | | | | |
| 2022 | 100,000 | 100,000 | 0 | Revenues | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | |
| 2024+ | 100,000 | 100,000 | 0 | 0 0 0 0 100,000 0 100,000 200,000 | | | | | | | | | | | | | | | |
| | 200,000 | 200,000 | 0 | Total 0 0 0 0 100,000 0 100,000 200,000 | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | |
| 2016 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | |
| 2017 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | | | | | | |
| | | | | Unknown | The lack of capital funding would result in deferral of repairs and increase the likelihood of overexpenditure in the operating budget. | | | | | | | 0 | 0 | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | | | | | |
| 2016 | January 4, 2016 | Growth: 0.0 % Maintenance: 0.0 % | | Pier Desimone/Tom Graziano | | | | Spring 2022 | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---|
| Project # | ENG-006-17 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Facility Operations |
| Title | Windsor International Aquatic Training Centre – Ongoing Capital Maintenance | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | Ward 3 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | |
|---|----------------------|------------------------------------|---------------------|--|---|-------------|-------------|-------------|-------------|-------------|-------------|-----------------------------|-------------------|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | |
| The Windsor International Aquatic Training Centre (WIATC) including Adventure Bay is a unique facility. It has a vast array of equipment that is used to run the facility as well as the specialized equipment associated with the waterpark and diving facility. In addition, the warranty for the equipment in the facility is now expired so this program will fund necessary replacement of components or equipment. It will include replacement and capital repairs of equipment, amusement devices, specialized HVAC equipment, pumps, water treatment equipment, etc. Other capital needs include replacement of safety features as well as capital repairs/replacements of items that support the unique functions of the facility. | | | | <p>The funds will be assigned on a priority basis. List of ongoing capital maintenance projects include:</p> <ul style="list-style-type: none"> • Non-slip floor coating (annual application) • Electrical work on Flowrider • Flowrider safety matting & wearing surface • Epoxy coating on the water storage tank • Dectron repairs <p>Enterprise Risk(s): This funding will mitigate against the identified Infrastructure enterprise risk. The lack of funding for these works will result in deferral of repairs and increase the likelihood of over expenditures in the operating budget when emergency repairs must be undertaken.</p> | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | |
| 7189001 | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | | |
| 2018 | 75,000 | 75,000 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | |
| 2019 | 200,000 | 200,000 | 0 | | | 75,000 | 200,000 | 0 | 0 | 150,000 | 150,000 | 580,000 | 1,155,000 | | | |
| 2020 | 0 | 0 | 0 | | Total | 75,000 | 200,000 | 0 | 0 | 150,000 | 150,000 | 580,000 | 1,155,000 | | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | |
| 2022 | 150,000 | 150,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | |
| 2023 | 150,000 | 150,000 | 0 | | | 0 | 200,000 | 0 | 0 | 150,000 | 150,000 | 580,000 | 1,080,000 | | | |
| 2024+ | 580,000 | 580,000 | 0 | 209 | WIATC Capital Maintenance Rve | | | | | | | | | | | |
| | 1,155,000 | 1,155,000 | 0 | | | 75,000 | 0 | 0 | 0 | 0 | 0 | 0 | 75,000 | | | |
| | | | | Total | | 75,000 | 200,000 | 0 | 0 | 150,000 | 150,000 | 580,000 | 1,155,000 | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | | | |
| | | | | 2018-01-01 | A minimum \$50,000 impact to operating budget per year if the non-slip floor coating is not funded. | | | | | | | 50,000 | 0 | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | | | | | | Est. Completion Date | | | | |
| 2017 | | Growth: 0.0 % Maintenance: 100.0 % | Daryel Brisebois | | | | | | | | | Ongoing | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|---|
| Project # | ENG-007-17 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | | Division | Facility Operations |
| Title | Facility Maintenance Equipment Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|--|--|-------------|-------------|-----------------------------|-------------|-------------|--------------|------------------|-------------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| To repair, replace and upgrade maintenance equipment within Facilities. This equipment is costly to repair/replace and many items are reaching the end of their useful life. Annual funding is being requested to replace/repair aging maintenance equipment, such as floor cleaning equipment, compressors, lifts etc. This budget will ensure that funds are available when maintenance equipment throughout Facilities fails or needs replacement. | | | | An annual allotment of \$50,000 per year is requested to fund replacement of facility maintenance equipment. The annual funds will be assigned on a priority basis based on the overall needs for maintenance equipment within the various facilities maintained by the Facilities division. | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 200,000 | 300,000 | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | Total | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 200,000 | 300,000 | | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2022 | 50,000 | 50,000 | 0 | 169 Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 200,000 | 300,000 | | | |
| 2023 | 50,000 | 50,000 | 0 | | | | | | | | | | | | |
| 2024+ | 200,000 | 200,000 | 0 | Total | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 200,000 | 300,000 | | | |
| | 300,000 | 300,000 | 0 | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| Related Projects | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | | |
| | | | | Unknown | Any shortfalls will be handled by the operating budget | | | | | | 0 | 0 | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2017 | January 1, 2022 | Growth: 0.0 % Maintenance: 0.0 % | | Tom Graziano | | | | Ongoing | | | | | | | |



Project Version Summary

Project # ENG-008-16 **Service Area** Office of Parks, Rec., Culture & Facilities
Budget Year 2018 **Department** Parks & Facilities
Asset Type Unassigned **Division** Facility Operations

Title 400 City Hall Square Workplace Reconfiguration
Budget Status Council Approved Budget
Major Category Corporate Property Infrastructure
Wards Ward 3
Version Name Main (Active)

| Project Description | | | Version Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------------|----------------------------------|---|---------------|----------|----------|-----------------------------|----------------|------|----------------|-------------|-----------|------------|---------|----------------------------|---|------|---------|---------|---|------|---|---|---|------|---|---|---|------|---|---|---|-------|---|---|---|--|----------------|----------------|----------|--|--|--|--|--|--|--|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-----------------------------------|--|--|--|--|--|--|--|--|--|---|--------|---------|---|---|---|---|---------|--------------|----------|---------------|----------------|----------|----------|----------|----------|----------------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|--|--|--|--|--|--|--|--|--|---|--------|---------|---|---|---|---|---------|--------------|----------|---------------|----------------|----------|----------|----------|----------|----------------|
| <p>The forthcoming Employee Service Center and Payroll areas of the Human Resources Department require office space to accommodate the proposed staffing model related to the implementation of the Workforce Management Software. In order to maximize efficiencies, these areas need to be located next to the Human Resources Department, which is located on the 4th floor of 400 City Hall Square.</p> <p>The Employment and Training Services division of the Employment and Social Services Department currently occupies space on the 4th Floor of 400 City Hall Square. This budget will allow for the construction and reconfiguration of existing space within the 400 City Hall Square to optimize use of the building's office space and to allow for the relocation of this division.</p> | | | <p>Employee Training Services will be relocated within 400 City Hall Square after the move of other divisions to the newly completed 350 City Hall Square which is scheduled to reopen in 2018. Funds are set aside to cover renovations and furniture for the new space.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | Version Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | As per CR196/2018, Council approved a pre-commitment in 2019 (\$38,000) and in 2020 (\$162,000). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th rowspan="2">Year</th> <th rowspan="2">Total Expense</th> <th colspan="2">Revenue</th> </tr> <tr> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2019</td><td>38,000</td><td>38,000</td><td>0</td></tr> <tr><td>2020</td><td>162,000</td><td>162,000</td><td>0</td></tr> <tr><td>2021</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2022</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2024+</td><td>0</td><td>0</td><td>0</td></tr> <tr><td></td><td>200,000</td><td>200,000</td><td>0</td></tr> </tbody> </table> | | | Year | Total Expense | Revenue | | Net City Cost | Subsidies | 2018 | 0 | 0 | 0 | 2019 | 38,000 | 38,000 | 0 | 2020 | 162,000 | 162,000 | 0 | 2021 | 0 | 0 | 0 | 2022 | 0 | 0 | 0 | 2023 | 0 | 0 | 0 | 2024+ | 0 | 0 | 0 | | 200,000 | 200,000 | 0 | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>0</td> <td>38,000</td> <td>162,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>200,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>38,000</td> <td>162,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>200,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>0</td> <td>38,000</td> <td>162,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>200,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>38,000</td> <td>162,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>200,000</td> </tr> </tbody> </table> | | | | | | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5410 Construction Contracts - TCA | | | | | | | | | | 0 | 38,000 | 162,000 | 0 | 0 | 0 | 0 | 200,000 | Total | 0 | 38,000 | 162,000 | 0 | 0 | 0 | 0 | 200,000 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | | | | | | | | | | 0 | 38,000 | 162,000 | 0 | 0 | 0 | 0 | 200,000 | Total | 0 | 38,000 | 162,000 | 0 | 0 | 0 | 0 | 200,000 |
| Year | Total Expense | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 38,000 | 38,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 162,000 | 162,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 200,000 | 200,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 38,000 | 162,000 | 0 | 0 | 0 | 0 | 200,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 38,000 | 162,000 | 0 | 0 | 0 | 0 | 200,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 38,000 | 162,000 | 0 | 0 | 0 | 0 | 200,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 38,000 | 162,000 | 0 | 0 | 0 | 0 | 200,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | Operating Budget Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | <table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>No Operating Budget Impact</td> <td>0</td> <td>0</td> </tr> </tbody> </table> | | | | | | | Effective Date | Description | Exp/(Rev) | FTE Impact | Unknown | No Operating Budget Impact | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unknown | No Operating Budget Impact | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | Project Lead | | | | Est. Completion Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Tom Graziano/France Isabelle-Tunks | | | | 2018 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2016 | January 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Project Version Summary

Project # ENG-008-17 **Service Area** Office of Parks, Rec., Culture & Facilities
Budget Year 2018 **Department** Parks & Facilities
Asset Type Unassigned **Division** Facility Operations

Title Generator & Fuel Storage Upgrades
Budget Status Council Approved Budget
Major Category Corporate Property Infrastructure
Wards City Wide
Version Name Main (Active)

| Project Description | | It has recently been identified that most of the generators and their fuel storage units need upgrades in order to comply with TSSA regulations. Comprehensive inspection will be done at each site to determine the extent of the upgrades needed to meet the legislated requirements. | | Version Description | | These funds are requested to address the requirements as set out by TSSA. In the Facilities area, 11 sites will be inspected and upgrades performed as needed. 2018: Kew Drive - \$105,000 Art Gallery - \$50,000 contingency for site remediation Fire Hall #1 - \$20,000 2019: Huron Lodge - \$45,000 2024+: 400 City Hall Square - \$45,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|-------------------|---|---------------------|--------------------------------|-----------------------------|--|---------------|------------------|-------------------|------|---------|---------|---|------|--------|--------|---|------|---|---|---|------|---|---|---|------|---|---|---|------|---|---|---|-------|--------|--------|---|--|----------------|----------------|----------|----------------------------------|--|--|--|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-----------------------------------|--|--|--|--|--|--|--|--|--|---------|--------|---|---|---|---|--------|---------|--------------|----------------|---------------|----------|----------|----------|----------|---------------|----------------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|--|--|--|--|--|--|--|--|--|---------|--------|---|---|---|---|--------|---------|--------------|----------------|---------------|----------|----------|----------|----------|---------------|----------------|
| Project Comments/Reference | | 7182001 | | Version Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | <table border="1"> <thead> <tr> <th rowspan="2">Year</th> <th rowspan="2">Total Expense</th> <th colspan="2">Revenue</th> </tr> <tr> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>175,000</td><td>175,000</td><td>0</td></tr> <tr><td>2019</td><td>45,000</td><td>45,000</td><td>0</td></tr> <tr><td>2020</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2021</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2022</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2024+</td><td>45,000</td><td>45,000</td><td>0</td></tr> <tr><td></td><td>265,000</td><td>265,000</td><td>0</td></tr> </tbody> </table> | | Year | Total Expense | Revenue | | Net City Cost | Subsidies | 2018 | 175,000 | 175,000 | 0 | 2019 | 45,000 | 45,000 | 0 | 2020 | 0 | 0 | 0 | 2021 | 0 | 0 | 0 | 2022 | 0 | 0 | 0 | 2023 | 0 | 0 | 0 | 2024+ | 45,000 | 45,000 | 0 | | 265,000 | 265,000 | 0 | Project Detailed Forecast | | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>175,000</td> <td>45,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>45,000</td> <td>265,000</td> </tr> <tr> <td>Total</td> <td>175,000</td> <td>45,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>45,000</td> <td>265,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>175,000</td> <td>45,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>45,000</td> <td>265,000</td> </tr> <tr> <td>Total</td> <td>175,000</td> <td>45,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>45,000</td> <td>265,000</td> </tr> </tbody> </table> | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5410 Construction Contracts - TCA | | | | | | | | | | 175,000 | 45,000 | 0 | 0 | 0 | 0 | 45,000 | 265,000 | Total | 175,000 | 45,000 | 0 | 0 | 0 | 0 | 45,000 | 265,000 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | | | | | | | | | | 175,000 | 45,000 | 0 | 0 | 0 | 0 | 45,000 | 265,000 | Total | 175,000 | 45,000 | 0 | 0 | 0 | 0 | 45,000 | 265,000 |
| Year | Total Expense | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 175,000 | 175,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 45,000 | 45,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 45,000 | 45,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 265,000 | 265,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 175,000 | 45,000 | 0 | 0 | 0 | 0 | 45,000 | 265,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 175,000 | 45,000 | 0 | 0 | 0 | 0 | 45,000 | 265,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 175,000 | 45,000 | 0 | 0 | 0 | 0 | 45,000 | 265,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 175,000 | 45,000 | 0 | 0 | 0 | 0 | 45,000 | 265,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Effective Date | | Description | | Exp/(Rev) | FTE Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Unknown | | No Operating Budget Impact | | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | Est. Completion Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2017 | January 1, 2018 | Growth: 0.0 % Maintenance: 100.0 % | Tom Graziano | | 2019 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|---|
| Project # | ENG-009-17 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | | Division | Facility Operations |
| Title | Festival Plaza - Facility Requirements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | Ward 4 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|---|---|-------------|-------------|-------------|-----------------------------|-------------|-------------|------------------|-------------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| Festival Plaza is used extensively as an anchor for many festivals and events to provide open air entertainment. The facility, and equipment within, need to support the requirements of the users. | | | | Typically, more than one point of electrical access is needed to support the events in the Plaza. This is achieved through the use of portable power carts which have to be manually set up/removed when needed. Installing permanent power access points will reduce risk as well as reduce the setup/removal costs. It will eliminate the need for temporary safety measures each time the portable power cart is set up. 2022: \$50,000 for permanent electrical panels (6) | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | 0 | 0 | 0 | 0 | 50,000 | 0 | 0 | 50,000 | | |
| 2019 | 0 | 0 | 0 | Total | | 0 | 0 | 0 | 0 | 50,000 | 0 | 0 | 50,000 | | |
| 2020 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | 0 | 0 | 0 | 0 | 50,000 | 0 | 0 | 50,000 | | |
| 2022 | 50,000 | 50,000 | 0 | Total | | 0 | 0 | 0 | 0 | 50,000 | 0 | 0 | 50,000 | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | |
| | 50,000 | 50,000 | 0 | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| Related Projects | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | | |
| | | | | Unknown | This funding would allow staff to continue with their regular work rather than defer it in order to meet the needs of special events. | | | | | | | 0 | 0 | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | |
| 2017 | January 1, 2022 | Growth: 0.0 % Maintenance: 0.0 % | | Tom Graziano | | | | | 2022+ | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--------------------------------------|---------------------|---|
| Project # | ENG-010-17 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | | Division | Facility Operations |
| Title | Capitol Theatre Capital Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|--|---------------------------------|---|-------------|-------------|-----------------------------|-------------|-------------|------------------|-------------------|---|---------|---|---------|---|---------|-----------|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | | |
| Capitol Theatre requires funding for capital maintenance and replacement to maintain the building and equipment within. | | | | Includes work to do on a priority basis. Refer to REC-002-12 (old project) - roofing repairs will be completed from remaining funds from that project. Work to be completed in this project includes HVAC controls, basement leak repairs, plaster repairs, interior refinishing. | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | |
| 7129000 also REC-002-12 | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 500,000 | 0 | 200,000 | 0 | 700,000 | 1,400,000 | | | | | | | | |
| 2020 | 500,000 | 500,000 | 0 | | Total | | | | | | | | 0 | 0 | 500,000 | 0 | 200,000 | 0 | 700,000 | 1,400,000 |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | | |
| 2022 | 200,000 | 200,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 0 | 500,000 | 0 | 200,000 | 0 | 700,000 | 1,400,000 | | | | | | | | |
| 2024+ | 700,000 | 700,000 | 0 | | Total | | | | | | | | 0 | 0 | 500,000 | 0 | 200,000 | 0 | 700,000 | 1,400,000 |
| | 1,400,000 | 1,400,000 | 0 | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | | |
| Related Projects | | | | Effective Date | | Description | | | | | | Exp/(Rev) | FTE Impact | | | | | | | |
| | | | | Unknown | | The lack of capital funding would result in deferral of repairs and increase the likelihood of additional spending in the operating budget. | | | | | | 0 | 0 | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | | | | |
| 2017 | January 1, 2020 | Growth: 0.0 % Maintenance: 0.0 % | | Derek Thachuk | | | | | Ongoing | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--------------------------------|---------------------|---|
| Project # | ENG-033-17 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Facility Operations |
| Title | Feasibility Study - WFCU Arena | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | Ward 6 | | |
| Version Name | Main (Active) | | |

| Project Description | | As per the approved 2017 enhanced Capital Budget 5-year plan. | | Version Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|-------------------|---|---------------------|--------------------------------|------|---|-------|--------|---------------|---------------|-----------|------|---|---|---|------|---|---|---|------|---|---|---|------|--------|--------|---|------|---|---|---|------|---|---|---|-------|---|---|---|--|---------------|---------------|----------|----------------------------------|--|--|--|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-----------------------------------|--|--|--|--------|---|---|---|--------|-------|---|---|---|--------|---|---|---|--------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|--|--|--|--------|---|---|---|--------|-------|---|---|---|--------|---|---|---|--------|
| Project Comments/Reference | | 7171074 | | Version Comments | | Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2019</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2020</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2021</td><td>90,000</td><td>90,000</td><td>0</td></tr> <tr><td>2022</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2024+</td><td>0</td><td>0</td><td>0</td></tr> <tr><td></td><td>90,000</td><td>90,000</td><td>0</td></tr> </tbody> </table> | | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2018 | 0 | 0 | 0 | 2019 | 0 | 0 | 0 | 2020 | 0 | 0 | 0 | 2021 | 90,000 | 90,000 | 0 | 2022 | 0 | 0 | 0 | 2023 | 0 | 0 | 0 | 2024+ | 0 | 0 | 0 | | 90,000 | 90,000 | 0 | Project Detailed Forecast | | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td></td> <td></td> <td></td> <td>90,000</td> <td>0</td> <td>0</td> <td>0</td> <td>90,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>90,000</td> <td>0</td> <td>0</td> <td>0</td> <td>90,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td></td> <td></td> <td></td> <td>90,000</td> <td>0</td> <td>0</td> <td>0</td> <td>90,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>90,000</td> <td>0</td> <td>0</td> <td>0</td> <td>90,000</td> </tr> </tbody> </table> | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5410 Construction Contracts - TCA | | | | 90,000 | 0 | 0 | 0 | 90,000 | Total | 0 | 0 | 0 | 90,000 | 0 | 0 | 0 | 90,000 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | | | | 90,000 | 0 | 0 | 0 | 90,000 | Total | 0 | 0 | 0 | 90,000 | 0 | 0 | 0 | 90,000 |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 90,000 | 90,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 90,000 | 90,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5410 Construction Contracts - TCA | | | | 90,000 | 0 | 0 | 0 | 90,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 90,000 | 0 | 0 | 0 | 90,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | | | | 90,000 | 0 | 0 | 0 | 90,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 90,000 | 0 | 0 | 0 | 90,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2017 | January 23, 2017 | Growth: 0.0 % Maintenance: 0.0 % | Andrew Daher | TBD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---|
| Project # | ENG-041-17 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Facility Operations |
| Title | Enwin Substations Acquisition (Avon/Mark Parks) | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | Ward 1 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|---------------------|---|--|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|
| Project Description | | | | Version Description | | | | | | | | | |
| As per the approved 2017 enhanced Capital Budget 5-year plan. | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| | | | | Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan. | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | 0 | 0 | 0 | 150,000 | 0 | 0 | 0 | 150,000 |
| 2020 | 0 | 0 | 0 | | | | | | | | | | |
| 2021 | 150,000 | 150,000 | 0 | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | |
| | 150,000 | 150,000 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | | Revenues | | | | | | | | | |
| | | | | 169 Pay As You Go - Capital Reserve | | | | | | | | | |
| | | | | | | 0 | 0 | 0 | 150,000 | 0 | 0 | 0 | 150,000 |
| | | | | | | | | | | | | | |
| | | | | | | 0 | 0 | 0 | 150,000 | 0 | 0 | 0 | 150,000 |
| | | | | | | | | | | | | | |
| | | | | | | 0 | 0 | 0 | 150,000 | 0 | 0 | 0 | 150,000 |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | |
| | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | |
| 2017 | January 23, 2017 | Growth: 0.0 % Maintenance: 0.0 % | Tom Graziano | TBD | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|---|
| Project # | HCP-001-10 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Facility Operations |
| Title | Corporate Facilities Water Backflow Prevention Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | |
|---|---|
| Project Description | Version Description |
| Backflow prevention devices are used on water supply systems to prevent contaminants from being drawn back into the municipal water supply. They are required to be installed at the main supply entrance to the building and at the end of stream points such as taps and hose bibs. The issue of backflow prevention is a serious health & safety concern and for that reason it is addressed by the Ontario Building Code and the EnWin Utilities Cross Control By-law. The City of Windsor is currently in contravention of these regulations at many city owned facilities, and is in receipt of corrective orders from EnWin Utilities. Tender 128-08 was issued to begin the corrective measures of the backflow prevention program. Regulations dictate that backflow devices must be tested yearly and repaired as required. Defective devices will not perform their required function. | Initially funded with \$70k in 2003, it is necessary that the program continues on an ongoing basis so that (i) potential health and safety threats to the municipal water supply system are eliminated and (ii) the city remains in compliance with applicable regulations. Installation of devices that require protection can be prioritized based on their potential to contaminate the water supply system and then completed over a multiyear period. Tender 128-08 was issued to begin the corrective measures of the back flow prevention program. There are still a significant number of devices that have not been tested and/or replaced. Of the devices that remain, priority will be given to those that pose the greatest risk in terms of water contamination. On an ongoing basis, these devices will require yearly inspection and maintenance and/or replacement as dictated by regulations. |

| | |
|-----------------------------------|-------------------------|
| Project Comments/Reference | Version Comments |
| 7031134 | |

| Project Forecast | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----------------------------------|----------------|----------------|----------|----------------|-----------|----------|----------------|---|---|------|---|---|---|------|---------|---------|---|------|---|---|---|------|---------|---------|---|------|---|---|---|-------|---|---|---|--------------|----------------|----------------|----------|---|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-----------------------------------|---|---|---------|---|---------|---|---|---------|--------------|----------|----------|----------------|----------|----------------|----------|----------|----------------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|---|---|---------|---|---------|---|---|---------|--------------|----------|----------|----------------|----------|----------------|----------|----------|----------------|
| <table border="1" style="width: 100%;"> <thead> <tr> <th rowspan="2">Year</th> <th rowspan="2">Total Expense</th> <th colspan="2">Revenue</th> </tr> <tr> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2019</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2020</td><td>300,000</td><td>300,000</td><td>0</td></tr> <tr><td>2021</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2022</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2024+</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>Total</td><td>400,000</td><td>400,000</td><td>0</td></tr> </tbody> </table> | Year | Total Expense | Revenue | | Net City Cost | Subsidies | 2018 | 0 | 0 | 0 | 2019 | 0 | 0 | 0 | 2020 | 300,000 | 300,000 | 0 | 2021 | 0 | 0 | 0 | 2022 | 100,000 | 100,000 | 0 | 2023 | 0 | 0 | 0 | 2024+ | 0 | 0 | 0 | Total | 400,000 | 400,000 | 0 | <table border="1" style="width: 100%;"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td>0</td> <td>0</td> <td>300,000</td> <td>0</td> <td>100,000</td> <td>0</td> <td>0</td> <td>400,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>300,000</td> <td>0</td> <td>100,000</td> <td>0</td> <td>0</td> <td>400,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td>0</td> <td>0</td> <td>300,000</td> <td>0</td> <td>100,000</td> <td>0</td> <td>0</td> <td>400,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>300,000</td> <td>0</td> <td>100,000</td> <td>0</td> <td>0</td> <td>400,000</td> </tr> </tbody> </table> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5410 Construction Contracts - TCA | 0 | 0 | 300,000 | 0 | 100,000 | 0 | 0 | 400,000 | Total | 0 | 0 | 300,000 | 0 | 100,000 | 0 | 0 | 400,000 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | 0 | 0 | 300,000 | 0 | 100,000 | 0 | 0 | 400,000 | Total | 0 | 0 | 300,000 | 0 | 100,000 | 0 | 0 | 400,000 |
| Year | | | Total Expense | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 300,000 | 300,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 400,000 | 400,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5410 Construction Contracts - TCA | 0 | 0 | 300,000 | 0 | 100,000 | 0 | 0 | 400,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 300,000 | 0 | 100,000 | 0 | 0 | 400,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | 0 | 0 | 300,000 | 0 | 100,000 | 0 | 0 | 400,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 300,000 | 0 | 100,000 | 0 | 0 | 400,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Historical Approved Budget | | | | | | | | | | | | | | | | | | | |
|---|---------------|---------------|---------------|---------|---------------|-----------|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|--|
| <table border="1" style="width: 100%;"> <thead> <tr> <th rowspan="2">Year</th> <th rowspan="2">Total Expense</th> <th colspan="2">Revenue</th> </tr> <tr> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2010</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2013</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2014</td><td>100,000</td><td>100,000</td><td>0</td></tr> </tbody> </table> | Year | Total Expense | Revenue | | Net City Cost | Subsidies | 2010 | 100,000 | 100,000 | 0 | 2013 | 100,000 | 100,000 | 0 | 2014 | 100,000 | 100,000 | 0 | |
| Year | | | Total Expense | Revenue | | | | | | | | | | | | | | | |
| | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | |
| 2010 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | |
| 2013 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | |
| 2014 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | |

| Related Projects | Operating Budget Impact | | | | | | | | |
|-------------------------|---|----------------|-------------|-----------|------------|---------|----------------------------|---|---|
| | <table border="1" style="width: 100%;"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>No Operating Budget Impact</td> <td>0</td> <td>0</td> </tr> </tbody> </table> | Effective Date | Description | Exp/(Rev) | FTE Impact | Unknown | No Operating Budget Impact | 0 | 0 |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | |
| Unknown | No Operating Budget Impact | 0 | 0 | | | | | | |

| | | | | |
|------------------------|-------------------|----------------------------------|---------------------|-----------------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date |
| 2010 | January 1, 2016 | Growth: 0.0 % Maintenance: 0.0 % | Tom Graziano | Ongoing |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---|
| Project # | HCP-002-07 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Facility Operations |
| Title | Corporate Facilities Roof Replacement Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

Project Description
 The corporate roof replacement program has been revised to reflect the highest priority based on available funding. It should be noted, roofs which will not be replaced until funds are available will continue to deteriorate resulting in either emergency repairs and/or eventual, untimely and unfunded roof replacements.

Version Description
 The City has several building roofs that need attention. Jobs have been prioritized and estimated according to current status. See attachment for details by year.

 Enterprise Risk(s): This funding will mitigate against the identified Infrastructure enterprise risk. The lack of funding for these works will result in deferral of repairs and increase the likelihood of over expenditures in the operating budget when emergency repairs must be undertaken.

Project Comments/Reference
 See document attached for complete listing.
 7085008/7159011/7161039

Version Comments
 As per the 2016 Approved Capital Budget, B24-2015 & CR160/2015, \$70,000 of 2019 budget has been pre-committed to project 7159011 - WPL-Budimir Library. A contingency for an additional \$10,000 is being included for the Budimir Library roof.
 As per CR649/2017, \$500,000 was approved by Council as a pre-commitment in 2020 for necessary renovations, upgrades and roof replacement at 2437 Howard Ave. (7161039)

| Project Forecast | | Revenue | |
|------------------|------------------|------------------|-----------|
| Year | Total Expense | Net City Cost | Subsidies |
| 2018 | 471,100 | 471,100 | 0 |
| 2019 | 415,400 | 415,400 | 0 |
| 2020 | 1,330,500 | 1,330,500 | 0 |
| 2021 | 410,000 | 410,000 | 0 |
| 2022 | 400,000 | 400,000 | 0 |
| 2023 | 400,000 | 400,000 | 0 |
| 2024+ | 461,700 | 461,700 | 0 |
| | 3,888,700 | 3,888,700 | 0 |

| Project Detailed Forecast | | | | | | | | | |
|---------------------------|---------------------------------|---------|-----------|---------|---------|---------|---------|-----------|--|
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | |
| Expenses | | | | | | | | | |
| 5410 | Construction Contracts - TCA | | | | | | | | |
| | 471,100 | 415,400 | 1,330,500 | 410,000 | 400,000 | 400,000 | 461,700 | 3,888,700 | |
| Total | 471,100 | 415,400 | 1,330,500 | 410,000 | 400,000 | 400,000 | 461,700 | 3,888,700 | |
| Revenues | | | | | | | | | |
| 169 | Pay As You Go - Capital Reserve | | | | | | | | |
| | 471,100 | 415,400 | 1,330,500 | 410,000 | 400,000 | 400,000 | 461,700 | 3,888,700 | |
| Total | 471,100 | 415,400 | 1,330,500 | 410,000 | 400,000 | 400,000 | 461,700 | 3,888,700 | |

| Historical Approved Budget | | Revenue | |
|----------------------------|---------------|---------------|-----------|
| Year | Total Expense | Net City Cost | Subsidies |
| 2007 | 150,000 | 150,000 | 0 |
| 2008 | 525,000 | 525,000 | 0 |
| 2009 | 285,000 | 285,000 | 0 |
| 2010 | 700,000 | 700,000 | 0 |
| 2011 | 740,000 | 740,000 | 0 |
| 2012 | 372,167 | 372,167 | 0 |
| 2014 | 355,320 | 355,320 | 0 |
| 2015 | 413,400 | 413,400 | 0 |
| 2016 | 456,000 | 456,000 | 0 |
| 2017 | 1,293,800 | 1,293,800 | 0 |

| Related Projects | |
|------------------|---|
| Follows | Project Title |
| ENG-005-16 | 2437 Howard Ave. Improvements Placeholder |

| Operating Budget Impact | | | | |
|-------------------------|---|-----------|------------|--|
| Effective Date | Description | Exp/(Rev) | FTE Impact | |
| Unknown | The lack of capital funding for these works will result in the deferral of repairs, further deterioration of the aging facilities, and increase in the likelihood of over-expenditures in the operating budget when emergency repairs must be undertaken for operational and/ or legislative reasons. | 0 | 0 | |

| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date |
|------------------------|-------------------|------------------------------------|--------------------------|-----------------------------|
| 2007 | January 1, 2015 | Growth: 0.0 % Maintenance: 100.0 % | Tom Graziano/Mel Douglas | Ongoing |

ROOF BUDGET

| | BUILDING | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 |
|----|---|------------------|------------------|--------------------|------------------|------------------|------------------|------------------|
| 1 | Willistead Manor, Coach House, Gate House Repairs | | | | \$10,000 | \$10,000 | \$10,000 | \$10,000 |
| 2 | Willistead Manor, Coach House, Gate House Replacement | | | | \$280,000 | \$210,000 | \$260,000 | |
| 3 | Mackenzie Hall (flat roof) | | | \$23,000 | | | | |
| 4 | Roseland Golf Club | | | \$405,800 | | | | |
| 5 | Transit (phase 3) | \$317,800 | | | | | | |
| 6 | Fountainbleau Library | | \$170,000 | | | | | |
| 7 | Forest Glade Library | \$68,300 | | | | | | |
| 8 | Budimir Libraries (WPL-006-11) | | \$80,000 | | | | | |
| 9 | Bridgeview Library | | | \$70,000 | | | | |
| 10 | Seminole Library | | | | \$68,000 | | | |
| 11 | Forest Glade Community Center | | \$165,400 | | | | | |
| 12 | Glengary Community Centre (Gym Area) | | | \$48,300 | | | | |
| 13 | Gino A Marcus CC | | | | | | \$130,000 | \$390,000 |
| 14 | Pump Stations at Little River Yard | | | \$52,000 | | | | |
| 15 | 2450 McDougall | | | \$200,000 | | | | |
| 16 | Aylmer Comfort Station | \$10,000 | | | | | | |
| 17 | Optimist Memorial Park Washrooms and Storage | | | | \$7,000 | | | |
| 18 | Remington Outdoor Pool Building | | | | \$45,000 | | | |
| 19 | Charles Clark (zamboni building) | | | \$13,400 | | | | |
| 20 | Charles Clark (concession building) | | | \$18,000 | | | | |
| 21 | Jefferson Police Station TBD | | | | | \$180,000 | | |
| 22 | Angelieri Building | | | \$500,000 | | | | |
| 23 | Capital Theater | \$75,000 | | | | | | |
| 24 | | | | | | | | |
| 25 | | | | | | | | |
| | TOTAL REQUESTED: | \$471,100 | \$415,400 | \$1,330,500 | \$410,000 | \$400,000 | \$400,000 | \$400,000 |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---|
| Project # | HCP-002-09 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Facility Operations |
| Title | Fire Hall Capital Refurbishment Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | |
|---|---|
| Project Description | Version Description |
| This project is used for all Fire Hall capital repairs that are prioritized annually by Facilities in consultation with Fire. Fire & Rescue facilities are unique in that they serve an emergency response function, with staff living in them and operate 24 hours a day. With the exception of the construction of the new Fire Hall 7, completed in 2012, and Fire Hall 2, completed in 2015, and Fire Hall 5, which is still to be constructed, the average age of the Fire & Rescue facilities is 27 years and many of the building components are past their life expectancy. These facilities are experiencing greater capital investment needs to maintain, repair or replace aging components. | Recommended funds required to repair the Fire Halls that are not being replaced: Each year to have annual allocation of \$150,000 each for repairs/replacements as per needs arise/funds available. Additional funds are required to relocate the quarter master store to the old EOC location. |

| | |
|-----------------------------------|-------------------------|
| Project Comments/Reference | Version Comments |
| 7091015 | |

| Project Forecast | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------------------|------------------|----------------|----------------|----------------|----------------|----------------|------------------|---------|---|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|-------|---------|---------|---|--------------|------------------|------------------|----------|--|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-----------------------------------|--|--|--|--|--|--|--|--|--|---------|---------|---------|---------|---------|---------|---------|-----------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|--|--|--|--|--|--|--|--|--|---------|---------|---------|---------|---------|---------|---------|-----------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| <table border="1"> <thead> <tr> <th rowspan="2">Year</th> <th rowspan="2">Total Expense</th> <th colspan="2">Revenue</th> </tr> <tr> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>150,000</td><td>150,000</td><td>0</td></tr> <tr><td>2019</td><td>150,000</td><td>150,000</td><td>0</td></tr> <tr><td>2020</td><td>150,000</td><td>150,000</td><td>0</td></tr> <tr><td>2021</td><td>150,000</td><td>150,000</td><td>0</td></tr> <tr><td>2022</td><td>150,000</td><td>150,000</td><td>0</td></tr> <tr><td>2023</td><td>150,000</td><td>150,000</td><td>0</td></tr> <tr><td>2024+</td><td>340,000</td><td>340,000</td><td>0</td></tr> <tr><td>Total</td><td>1,240,000</td><td>1,240,000</td><td>0</td></tr> </tbody> </table> | Year | Total Expense | Revenue | | Net City Cost | Subsidies | 2018 | 150,000 | 150,000 | 0 | 2019 | 150,000 | 150,000 | 0 | 2020 | 150,000 | 150,000 | 0 | 2021 | 150,000 | 150,000 | 0 | 2022 | 150,000 | 150,000 | 0 | 2023 | 150,000 | 150,000 | 0 | 2024+ | 340,000 | 340,000 | 0 | Total | 1,240,000 | 1,240,000 | 0 | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>150,000</td> <td>150,000</td> <td>150,000</td> <td>150,000</td> <td>150,000</td> <td>150,000</td> <td>340,000</td> <td>1,240,000</td> </tr> <tr> <td>Total</td> <td>150,000</td> <td>150,000</td> <td>150,000</td> <td>150,000</td> <td>150,000</td> <td>150,000</td> <td>340,000</td> <td>1,240,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>150,000</td> <td>150,000</td> <td>150,000</td> <td>150,000</td> <td>150,000</td> <td>150,000</td> <td>340,000</td> <td>1,240,000</td> </tr> <tr> <td>Total</td> <td>150,000</td> <td>150,000</td> <td>150,000</td> <td>150,000</td> <td>150,000</td> <td>150,000</td> <td>340,000</td> <td>1,240,000</td> </tr> </tbody> </table> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5410 Construction Contracts - TCA | | | | | | | | | | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 340,000 | 1,240,000 | Total | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 340,000 | 1,240,000 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | | | | | | | | | | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 340,000 | 1,240,000 | Total | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 340,000 | 1,240,000 |
| Year | | | Total Expense | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 150,000 | 150,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 150,000 | 150,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 150,000 | 150,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 150,000 | 150,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 150,000 | 150,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 150,000 | 150,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 340,000 | 340,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 1,240,000 | 1,240,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 340,000 | 1,240,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 340,000 | 1,240,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 340,000 | 1,240,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 340,000 | 1,240,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Historical Approved Budget | Operating Budget Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--------------------------------|---------------|---------------|---------|---------------|-----------|------|---------|---------|---|------|---------|---|---------|------|---------|---|---------|------|--------|--------|---|------|---------|---------|---|--|----------------|-------------|-----------|------------|---------|----------------------------|---|---|
| <table border="1"> <thead> <tr> <th rowspan="2">Year</th> <th rowspan="2">Total Expense</th> <th colspan="2">Revenue</th> </tr> <tr> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2009</td><td>150,750</td><td>150,750</td><td>0</td></tr> <tr><td>2012</td><td>150,000</td><td>0</td><td>150,000</td></tr> <tr><td>2014</td><td>210,000</td><td>0</td><td>210,000</td></tr> <tr><td>2016</td><td>59,500</td><td>59,500</td><td>0</td></tr> <tr><td>2017</td><td>150,000</td><td>150,000</td><td>0</td></tr> </tbody> </table> | Year | Total Expense | Revenue | | Net City Cost | Subsidies | 2009 | 150,750 | 150,750 | 0 | 2012 | 150,000 | 0 | 150,000 | 2014 | 210,000 | 0 | 210,000 | 2016 | 59,500 | 59,500 | 0 | 2017 | 150,000 | 150,000 | 0 | <table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>No Operating Budget Impact</td> <td>0</td> <td>0</td> </tr> </tbody> </table> | Effective Date | Description | Exp/(Rev) | FTE Impact | Unknown | No Operating Budget Impact | 0 | 0 |
| Year | | | Total Expense | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2009 | 150,750 | 150,750 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2012 | 150,000 | 0 | 150,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2014 | 210,000 | 0 | 210,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2016 | 59,500 | 59,500 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2017 | 150,000 | 150,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unknown | No Operating Budget Impact | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | |
|-------------------------|-------------------|------------------------------------|
| Related Projects | | |
| Year Identified | Start Date | Project Type for 2018 |
| 2009 | January 2, 2016 | Growth: 0.0 % Maintenance: 100.0 % |
| Project Lead | | Est. Completion Date |
| Tom Graziano | | Ongoing |



Project Version Summary

| | | | |
|-----------------------|-------------------------------------|---------------------|---|
| Project # | HCP-005-08 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Facility Operations |
| Title | Corporate Facilities Paving Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------|------------------------------------|------------------|---|-------------|----------------------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|--|--|--|--|--|------------------|--|-------------------|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | | | |
| Some of the asphalt paving and concrete approaches at Corporate Facilities are beyond their life expectancy or have become damaged. This includes cracked and uneven surfaces which cause trip hazards, allow water to penetrate the surface which will erode the base layer and ultimately speed up the deterioration of the surface layer. In extreme cases it causes vehicle damage. Depressions allow ponding water to freeze/thaw cycle which can quickly break up materials. The repairs to these surfaces will reduce vehicle wear and damage as well as reduce liability associated with trip and fall incidents. | | | | Repair of asphalt paving and concrete approaches city wide that are beyond their life expectancy or have become damaged on a priority basis. Annual funding of \$100,000 requested to be prioritized based on need. Certain areas in need have been identified: <ul style="list-style-type: none"> • Repair of deteriorated and critical areas at Crawford Yard and Fire Halls as needed/ funded • 2018 - Atkinson Parking Lot - \$150,000 • 2019 - Adie Knox West Parking Lot - \$100,000 • WFCU Parking Lot \$3,000,000 | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | | |
| 7101016 | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | | |
| | | <u>Revenue</u> | | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | | | | | | | | |
| 2018 | 150,000 | 150,000 | 0 | Expenses | | | | | | | | | | | | | | | | | |
| 2019 | 100,000 | 100,000 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | | | |
| 2020 | 100,000 | 100,000 | 0 | 150,000 100,000 100,000 100,000 100,000 100,000 3,270,000 3,920,000 | | | | | | | | | | | | | | | | | |
| 2021 | 100,000 | 100,000 | 0 | Total 150,000 100,000 100,000 100,000 100,000 100,000 3,270,000 3,920,000 | | | | | | | | | | | | | | | | | |
| 2022 | 100,000 | 100,000 | 0 | Revenues | | | | | | | | | | | | | | | | | |
| 2023 | 100,000 | 100,000 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | | |
| 2024+ | 3,270,000 | 3,270,000 | 0 | 150,000 100,000 100,000 100,000 100,000 100,000 3,270,000 3,920,000 | | | | | | | | | | | | | | | | | |
| | 3,920,000 | 3,920,000 | 0 | Total 150,000 100,000 100,000 100,000 100,000 100,000 3,270,000 3,920,000 | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | | |
| | | <u>Revenue</u> | | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | | | | | | | | |
| 2008 | 49,500 | 49,500 | 0 | | | | | | | | | | | | | | | | | | |
| 2009 | 34,000 | 34,000 | 0 | | | | | | | | | | | | | | | | | | |
| 2010 | 30,000 | 30,000 | 0 | | | | | | | | | | | | | | | | | | |
| 2015 | 128,500 | 128,500 | 0 | | | | | | | | | | | | | | | | | | |
| 2016 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | | |
| 2017 | 600,000 | 600,000 | 0 | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | | | | | | | Exp/(Rev) | | FTE Impact | |
| | | | | Unknown | | No Operating budget Impact | | | | | | | | | | | | 0 | | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | | | | | | | |
| 2008 | January 1, 2015 | Growth: 0.0 % Maintenance: 100.0 % | | Tom Graziano | | | | Ongoing | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---|
| Project # | HCP-010-07 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Facility Operations |
| Title | Willistead Complex Capital Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | Ward 4 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|--|-------------|----------------------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|--|--|--|------------------|--|-------------------|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | |
| The expenditures identified are capital in nature designed to maintain the operational integrity of this heritage complex. These necessary improvements are aligned with the recommendation resulting from a 2003 study initiated by the City of Windsor and contained in a published document authored by the Architect George Robb "A Condition Assessment Strategy for Repairs and Maintenance of Heritage Properties". | | | | The Willistead Complex requires a \$50,000 annual allotment for repairs & maintenance based on need. It also needs improvements for the following specified items: 2022: Repair window grates, capstones & window wells - \$120,000 | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | |
| 7062048 closed/7125002/7171061 | | | | As per CR498/2016, \$750,000 pre-commitment in principle for Willistead Complex Capital Improvements (Canada 150 Community Infrastructure Program). | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | 0 0 0 0 150,000 50,000 1,230,000 1,430,000 | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | Total 0 0 0 0 150,000 50,000 1,230,000 1,430,000 | | | | | | | | | | | | | | | |
| 2022 | 150,000 | 150,000 | 0 | Revenues | | | | | | | | | | | | | | | |
| 2023 | 50,000 | 50,000 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | |
| 2024+ | 1,230,000 | 1,230,000 | 0 | 0 0 0 0 150,000 50,000 1,230,000 1,430,000 | | | | | | | | | | | | | | | |
| | 1,430,000 | 1,430,000 | 0 | Total 0 0 0 0 150,000 50,000 1,230,000 1,430,000 | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | |
| 2007 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | |
| 2008 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | |
| 2010 | 20,000 | 20,000 | 0 | | | | | | | | | | | | | | | | |
| 2011 | 20,000 | 20,000 | 0 | | | | | | | | | | | | | | | | |
| 2012 | 20,000 | 20,000 | 0 | | | | | | | | | | | | | | | | |
| 2016 | 750,000 | 750,000 | 0 | | | | | | | | | | | | | | | | |
| 2017 | 750,000 | 750,000 | 0 | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | | | | | Exp/(Rev) | | FTE Impact | |
| | | | | Unknown | | No Operating Budget Impact | | | | | | | | | | 0 | | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | | | | | |
| 2012 | January 1, 2012 | Growth: 0.0 % Maintenance: 0.0 % | | Jan Wilson/Tom Graziano | | | | Ongoing | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|------------------------------------|---------------------|---|
| Project # | OPS-007-07 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Facility Operations |
| Title | Operations Facilities Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

Project Description

Ongoing improvements to buildings and fuel sites based on priority. Maintenance, Contracts, and Fleet Divisions are headquartered at the Crawford Yard Facility. (Satellite locations for these divisions include offices at 2545 Pillette Road, east end winter control salt storage, and administrative trailer at 3540 N. Service Rd.) The Operations Department is also responsible for 10 active fuel sites at various locations in the City. Crawford Yard Facility was converted from prior industrial uses to accommodate Public Works staff over 45 years ago. There are 4 buildings, a salt dome and 3 smaller buildings with material storage/processing areas on-site. Rehabilitation and renovation are required on an ongoing basis due to changes in technological and operational requirements, TSSA (Technical Standards and Safety Authority/Act) standards, and the age of the various buildings, site and fuel sites.

Version Description

An annual allotment of \$25,000 for various repairs, to address health & safety issues, unexpected needs, and to perform proper maintenance is also needed.

Report #C 175/2017 was approved via CR 589/2017 to rehabilitate the Central Salt Dome, demolish the Crawford Yard Salt Dome and construct a new Crawford Salt Dome at a total estimated cost of \$1,114,080.

Of this amount, \$814,080 is being funded and pre-committed from this project, through funding in 2018: \$246,000 and 2019: \$465,720. \$102,360 is being recommended to be funded from the 2017 Inflationary Pressures capital project (7171057) previously approved by Council. The remaining \$250,000 was previously approved in 2015 funding and \$50,000 previously approved in 2017 for salt dome rehabilitation.

Furthermore, additional funds have been requested for specific issues currently identified below:

2024+: \$95,000 for fuel tanks removal at Fire Headquarters
 \$125,000 to convert Building 4 to office space
 \$50,000 for window replacements at carpenter shop
 \$50,000 for Crawford Yard Main Building renovation to area in stockroom for lockers and washroom facilities
 \$100,000 for Crawford Yard shop floor drain repairs
 \$50,000 for Crawford Yard Main Building window replacement
 \$125,000 for miscellaneous repairs at Crawford Yard

Project Comments/Reference

7033139 Closed/7141029

Version Comments

| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | |
|----------------------------|------------------|------------------------------------|----------------|---------------------------|---|---------|---------|--------|--------|--------|---------|-----------|------------|---------|--------|--------|--------|---------|-----------|
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | | | | | |
| 2018 | 373,360 | 271,000 | 102,360 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | | | |
| 2019 | 490,720 | 490,720 | 0 | | 373,360 | 490,720 | 25,000 | 25,000 | 25,000 | 25,000 | 595,000 | 1,559,080 | | | | | | | |
| 2020 | 25,000 | 25,000 | 0 | | Total | | | | | | | | 373,360 | 490,720 | 25,000 | 25,000 | 25,000 | 595,000 | 1,559,080 |
| 2021 | 25,000 | 25,000 | 0 | Revenues | | | | | | | | | | | | | | | |
| 2022 | 25,000 | 25,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | | | |
| 2023 | 25,000 | 25,000 | 0 | | 271,000 | 490,720 | 25,000 | 25,000 | 25,000 | 25,000 | 595,000 | 1,456,720 | | | | | | | |
| 2024+ | 595,000 | 595,000 | 0 | 7052 | TRANSFER From Capital Projects | | | | | | | | | | | | | | |
| | 1,559,080 | 1,456,720 | 102,360 | | 102,360 | 0 | 0 | 0 | 0 | 0 | 0 | 102,360 | | | | | | | |
| | | | | | Total | 373,360 | 490,720 | 25,000 | 25,000 | 25,000 | 25,000 | 595,000 | 1,559,080 | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | |
| 2007 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | |
| 2008 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | |
| 2009 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | |
| 2010 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | |
| 2011 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | |
| 2014 | 500,000 | 300,000 | 200,000 | | | | | | | | | | | | | | | | |
| 2015 | 275,000 | 275,000 | 0 | | | | | | | | | | | | | | | | |
| 2016 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | |
| 2017 | 75,000 | 75,000 | 0 | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | | | | | | |
| | | | | Unknown | The lack of capital funding for these works will result in the deferral of repairs, further deterioration of the aging facilities, and increase the likelihood of over-expenditures in the operating budget when emergency repairs must be undertaken for operational and/or legislative reasons. | | | | | | 0 | 0 | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | | | | | |
| 2007 | January 1, 2015 | Growth: 0.0 % Maintenance: 100.0 % | Pier Desimone | Ongoing | | | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|---|
| Project # | OPS-011-07 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Facility Operations |
| Title | Traffic Operations Facilities Upgrades | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | Ward 3 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|-------------------------------------|------------------------------|----------------------------|-------------|-----------------------------|-------------|------------------|-------------|-------------------|--------------|
| Project Description | | | | Version Description | | | | | | | | | |
| Ongoing consolidation of traffic operations' facilities on McDougall Street as approved by CR646/2002. Phase 1 (1266 McDougall) has been completed. Phase 2 Signs and Markings Garage and Paint Storage Facility construction (1269 Mercer) was completed in 2006. The 2021+ allocation is for completion of the final phase (Phase 3) at 1269 Mercer, which is the Signal Garage. This latter phase will provide secure shelter for boom trucks and inventory items currently stored outside on the premises. This project may be impacted by the Streetlight portfolio as garage and yard storage may be required. | | | | 2024+: Phase 3 - 1269 Mercer | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| 7033010 closed/7161013 | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 1,100,000 | 1,100,000 | |
| 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 1,100,000 | 1,100,000 | |
| 2021 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 1,100,000 | 1,100,000 | |
| 2022 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 1,100,000 | 1,100,000 | |
| 2023 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 1,100,000 | 1,100,000 | |
| 2024+ | 1,100,000 | 1,100,000 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 1,100,000 | 1,100,000 | |
| | 1,100,000 | 1,100,000 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 1,100,000 | 1,100,000 | |
| Historical Approved Budget | | | | Revenues | | | | | | | | | |
| | | Revenue | | 169 Pay As You Go - Capital Reserve | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | 0 | 0 | 0 | 0 | 0 | 0 | 1,100,000 | 1,100,000 | |
| 2016 | 35,000 | 35,000 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 1,100,000 | 1,100,000 | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | |
| | | | | Effective Date | | Description | | | | Exp/(Rev) | | FTE Impact | |
| | | | | Unknown | | No Operating Budget Impact | | | | 0 | | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | |
| 2007 | January 1, 2024 | Growth: 0.0 % Maintenance: 0.0 % | | Tom Graziano/John Wolf | | | | 2024+ | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|---|
| Project # | PFO-001-12 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Facility Operations |
| Title | Corporate Properties Security Systems and Infrastructure | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | |
|--|---|
| Project Description | Version Description |
| The Corporate Security Infrastructure forms an important element of Facilities that lends towards the safety of both municipal staff and the public. It includes items such as; card access equipment, cameras, monitors, digital video recording devices, customer service counters, electric strikes with door release buttons, mag locks, door hardware and exterior lighting. This program would fund the necessary modifications, expansions and upgrades to existing systems, as well as the funding to install new infrastructure, as required, where none has previously existed. The City of Windsor's current security infrastructure is aging and in need of an upgrade. Currently there is a disconnect between the security infrastructure in the downtown core and the majority of the other Corporate facilities. | Approx. \$50,000 per year is required to maintain the security systems currently in place at all of the City facilities. Future anticipated expenses include: \$40,000 - Forest Glade CC Card Access \$40,000 - Adie Knox CC Card Access \$60,000 - Card access for Zamboni Rooms (Forest Glade Arena, Adie Knox, South Windsor Arena) \$20,000 - Willistead CCTV \$250,000 - Huron Lodge |

| | |
|--|-------------------------|
| Project Comments/Reference | Version Comments |
| 7053035 - This capital account replaces both Corporate Wide Security Systems and Security Infrastructure Improvements. | |

| Project Forecast | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----------------------------------|----------------|---------------|---------------|---------------|---------------|----------------|----------------|------|--------|--------|---|------|--------|--------|---|------|--------|--------|---|------|--------|--------|---|------|--------|--------|---|------|--------|--------|---|-------|---------|---------|---|--|----------------|----------------|----------|---|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-----------------------------------|--|--|--|--|--|--|--|--|--|--------|--------|--------|--------|--------|--------|---------|---------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|--|--|--|--|--|--|--|--|--|--------|--------|--------|--------|--------|--------|---------|---------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|
| <table border="1" style="width: 100%;"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>50,000</td><td>50,000</td><td>0</td></tr> <tr><td>2019</td><td>50,000</td><td>50,000</td><td>0</td></tr> <tr><td>2020</td><td>50,000</td><td>50,000</td><td>0</td></tr> <tr><td>2021</td><td>75,000</td><td>75,000</td><td>0</td></tr> <tr><td>2022</td><td>75,000</td><td>75,000</td><td>0</td></tr> <tr><td>2023</td><td>75,000</td><td>75,000</td><td>0</td></tr> <tr><td>2024+</td><td>510,000</td><td>510,000</td><td>0</td></tr> <tr><td></td><td>885,000</td><td>885,000</td><td>0</td></tr> </tbody> </table> | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2018 | 50,000 | 50,000 | 0 | 2019 | 50,000 | 50,000 | 0 | 2020 | 50,000 | 50,000 | 0 | 2021 | 75,000 | 75,000 | 0 | 2022 | 75,000 | 75,000 | 0 | 2023 | 75,000 | 75,000 | 0 | 2024+ | 510,000 | 510,000 | 0 | | 885,000 | 885,000 | 0 | <table border="1" style="width: 100%;"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>75,000</td> <td>75,000</td> <td>75,000</td> <td>510,000</td> <td>885,000</td> </tr> <tr> <td>Total</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>75,000</td> <td>75,000</td> <td>75,000</td> <td>510,000</td> <td>885,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>75,000</td> <td>75,000</td> <td>75,000</td> <td>510,000</td> <td>885,000</td> </tr> <tr> <td>Total</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>75,000</td> <td>75,000</td> <td>75,000</td> <td>510,000</td> <td>885,000</td> </tr> </tbody> </table> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5410 Construction Contracts - TCA | | | | | | | | | | 50,000 | 50,000 | 50,000 | 75,000 | 75,000 | 75,000 | 510,000 | 885,000 | Total | 50,000 | 50,000 | 50,000 | 75,000 | 75,000 | 75,000 | 510,000 | 885,000 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | | | | | | | | | | 50,000 | 50,000 | 50,000 | 75,000 | 75,000 | 75,000 | 510,000 | 885,000 | Total | 50,000 | 50,000 | 50,000 | 75,000 | 75,000 | 75,000 | 510,000 | 885,000 |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 75,000 | 75,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 75,000 | 75,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 75,000 | 75,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 510,000 | 510,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 885,000 | 885,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 50,000 | 50,000 | 50,000 | 75,000 | 75,000 | 75,000 | 510,000 | 885,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 50,000 | 50,000 | 50,000 | 75,000 | 75,000 | 75,000 | 510,000 | 885,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 50,000 | 50,000 | 50,000 | 75,000 | 75,000 | 75,000 | 510,000 | 885,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 50,000 | 50,000 | 50,000 | 75,000 | 75,000 | 75,000 | 510,000 | 885,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---------------|---------------|-----------|--|------|---------------|---------------|-----------|------|--------|--------|---|------|--------|--------|---|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|------|--------|--------|---|--|
| <table border="1" style="width: 100%;"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2012</td><td>50,000</td><td>50,000</td><td>0</td></tr> <tr><td>2013</td><td>50,000</td><td>50,000</td><td>0</td></tr> <tr><td>2014</td><td>106,500</td><td>106,500</td><td>0</td></tr> <tr><td>2015</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2016</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2017</td><td>50,000</td><td>50,000</td><td>0</td></tr> </tbody> </table> | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2012 | 50,000 | 50,000 | 0 | 2013 | 50,000 | 50,000 | 0 | 2014 | 106,500 | 106,500 | 0 | 2015 | 100,000 | 100,000 | 0 | 2016 | 100,000 | 100,000 | 0 | 2017 | 50,000 | 50,000 | 0 | |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2012 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2013 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2014 | 106,500 | 106,500 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2015 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2016 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2017 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Related Projects | Operating Budget Impact | | | | | | | | |
|-------------------------|---|----------------|-------------|-----------|------------|---------|----------------------------|---|---|
| | <table border="1" style="width: 100%;"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>No Operating Budget Impact</td> <td>0</td> <td>0</td> </tr> </tbody> </table> | Effective Date | Description | Exp/(Rev) | FTE Impact | Unknown | No Operating Budget Impact | 0 | 0 |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | |
| Unknown | No Operating Budget Impact | 0 | 0 | | | | | | |

| | | | | |
|------------------------|-------------------|------------------------------|---------------------|-----------------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date |
|------------------------|-------------------|------------------------------|---------------------|-----------------------------|

| | | | | |
|------|-----------------|------------------------------------|--------------|---------|
| 2012 | January 1, 2015 | Growth: 100.0 % Maintenance: 0.0 % | Tom Graziano | Ongoing |
|------|-----------------|------------------------------------|--------------|---------|



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---|
| Project # | PFO-001-15 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Facility Operations |
| Title | Huron Lodge Miscellaneous Equipment Replacement | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|--|-------------|--|-------------|-----------------------------|-------------|-------------|--------------|------------------|-------------------|--|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | |
| Huron Lodge is a long-term care residence for seniors. The equipment needs for this facility are extensive and must be in constant working order to be able to operate the residence according to the provincial standards set by the Ministry of Health and Long-Term Care. | | | | The anticipated kitchen, cleaning and laundry equipment (including beds) for 2018-2022 are: 2019: Floor Scrubbers (3) \$60,000 2020: Washers and Dryers \$175,000 2022+: Washers and Dryers \$175,000 | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | |
| 7152003 | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | | | |
| 2019 | 60,000 | 60,000 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | |
| 2020 | 175,000 | 175,000 | 0 | 0 60,000 175,000 0 175,000 0 0 410,000 | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | Total 0 60,000 175,000 0 175,000 0 0 410,000 | | | | | | | | | | | | | | | |
| 2022 | 175,000 | 175,000 | 0 | Revenues | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | 0 60,000 175,000 0 175,000 0 0 410,000 | | | | | | | | | | | | | | | |
| | 410,000 | 410,000 | 0 | Total 0 60,000 175,000 0 175,000 0 0 410,000 | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | | | | | | |
| 2015 | 120,000 | 120,000 | 0 | | | | | | | | | | | | | | | | |
| 2016 | 18,000 | 18,000 | 0 | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | Exp/(Rev) | FTE Impact | | | | | | |
| | | | | Unknown | | The lack of capital funding would result in further deterioration of the equipment and increase the likelihood of expenditures in the operating budget due to repairs. | | | | | | 0 | 0 | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | | | | | |
| 2014 | January 1, 2015 | Growth: 0.0 % Maintenance: 0.0 % | | Mike Smithson | | | | Ongoing | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---|
| Project # | PFO-002-12 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Facility Operations |
| Title | Facility Structural & Building Envelope Maintenance Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | |
|---|--|
| Project Description | Version Description |
| This program is intended to fund structural & building envelope repairs at all corporately owned facilities. These improvements focus on the building envelope and structural repairs and generally have individual cost occurrences of less than \$50,000. | <p>2018: \$50,000 for 2450 McDougall front masonry façade</p> <p>2019-2020: Annual allocation of \$50,000 to proceed with repairs on an as needed/as funded basis, \$50,000 for foundation repairs at Francois Baby House in 2019.</p> <p>Additional needs identified:</p> <ul style="list-style-type: none"> -Exterior wall at Traffic Operations building -Exterior wall insulation and siding at 930 Mercer Ave. (\$75,000) -Insulation between dressing rooms at South Windsor Arena (\$40,000) <p>Enterprise Risk(s): This funding will mitigate against the identified Infrastructure enterprise risk. The lack of funding for these works will result in deferral of repairs and increase the likelihood of over expenditures in the operating budget when emergency repairs must be undertaken.</p> |

| | |
|-----------------------------------|-------------------------|
| Project Comments/Reference | Version Comments |
| 7151017 | |

| Project Forecast | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----------------------------------|----------------|---------------|---------------|---------------|---------------|----------------|----------------|--------|---|------|---------|---------|---|------|--------|--------|---|------|--------|--------|---|------|--------|--------|---|------|--------|--------|---|-------|---------|---------|---|--|----------------|----------------|----------|---|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-----------------------------------|--|--|--|--|--|--|--|--|--|--------|---------|--------|--------|--------|--------|---------|---------|--------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|----------------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|--|--|--|--|--|--|--|--|--|--------|---------|--------|--------|--------|--------|---------|---------|--------------|---------------|----------------|---------------|---------------|---------------|---------------|----------------|----------------|
| <table border="1" style="width: 100%;"> <thead> <tr> <th rowspan="2">Year</th> <th rowspan="2">Total Expense</th> <th colspan="2">Revenue</th> </tr> <tr> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>50,000</td><td>50,000</td><td>0</td></tr> <tr><td>2019</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2020</td><td>50,000</td><td>50,000</td><td>0</td></tr> <tr><td>2021</td><td>50,000</td><td>50,000</td><td>0</td></tr> <tr><td>2022</td><td>50,000</td><td>50,000</td><td>0</td></tr> <tr><td>2023</td><td>50,000</td><td>50,000</td><td>0</td></tr> <tr><td>2024+</td><td>165,000</td><td>165,000</td><td>0</td></tr> <tr><td></td><td>515,000</td><td>515,000</td><td>0</td></tr> </tbody> </table> | Year | Total Expense | Revenue | | Net City Cost | Subsidies | 2018 | 50,000 | 50,000 | 0 | 2019 | 100,000 | 100,000 | 0 | 2020 | 50,000 | 50,000 | 0 | 2021 | 50,000 | 50,000 | 0 | 2022 | 50,000 | 50,000 | 0 | 2023 | 50,000 | 50,000 | 0 | 2024+ | 165,000 | 165,000 | 0 | | 515,000 | 515,000 | 0 | <table border="1" style="width: 100%;"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>50,000</td> <td>100,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>165,000</td> <td>515,000</td> </tr> <tr> <td>Total</td> <td>50,000</td> <td>100,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>165,000</td> <td>515,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>50,000</td> <td>100,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>165,000</td> <td>515,000</td> </tr> <tr> <td>Total</td> <td>50,000</td> <td>100,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>50,000</td> <td>165,000</td> <td>515,000</td> </tr> </tbody> </table> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5410 Construction Contracts - TCA | | | | | | | | | | 50,000 | 100,000 | 50,000 | 50,000 | 50,000 | 50,000 | 165,000 | 515,000 | Total | 50,000 | 100,000 | 50,000 | 50,000 | 50,000 | 50,000 | 165,000 | 515,000 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | | | | | | | | | | 50,000 | 100,000 | 50,000 | 50,000 | 50,000 | 50,000 | 165,000 | 515,000 | Total | 50,000 | 100,000 | 50,000 | 50,000 | 50,000 | 50,000 | 165,000 | 515,000 |
| Year | | | Total Expense | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 165,000 | 165,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 515,000 | 515,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 50,000 | 100,000 | 50,000 | 50,000 | 50,000 | 50,000 | 165,000 | 515,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 50,000 | 100,000 | 50,000 | 50,000 | 50,000 | 50,000 | 165,000 | 515,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 50,000 | 100,000 | 50,000 | 50,000 | 50,000 | 50,000 | 165,000 | 515,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 50,000 | 100,000 | 50,000 | 50,000 | 50,000 | 50,000 | 165,000 | 515,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Historical Approved Budget | Revenue | | | | | | | | |
|--|----------------|---------------|---------------|-----------|------|--------|--------|---|--|
| <table border="1" style="width: 100%;"> <thead> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr> <td>2015</td> <td>75,000</td> <td>75,000</td> <td>0</td> </tr> </tbody> </table> | Year | Total Expense | Net City Cost | Subsidies | 2015 | 75,000 | 75,000 | 0 | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | |
| 2015 | 75,000 | 75,000 | 0 | | | | | | |

| Related Projects | Operating Budget Impact | | | | | | | | |
|-------------------------|---|----------------|-------------|-----------|------------|---------|----------------------------|---|---|
| | <table border="1" style="width: 100%;"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>No Operating Budget Impact</td> <td>0</td> <td>0</td> </tr> </tbody> </table> | Effective Date | Description | Exp/(Rev) | FTE Impact | Unknown | No Operating Budget Impact | 0 | 0 |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | |
| Unknown | No Operating Budget Impact | 0 | 0 | | | | | | |

| | | | | |
|------------------------|-------------------|------------------------------------|---------------------|-----------------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date |
| 2012 | January 1, 2015 | Growth: 0.0 % Maintenance: 100.0 % | Tom Graziano | Ongoing |



Project Version Summary

| | | | |
|-----------------------|-----------------------------------|---------------------|---|
| Project # | PFO-002-14 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Facility Operations |
| Title | Huron Lodge Facility Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|---------------------|---|--------------------------------|-------------|-------------|-------------|-------------|-------------|------------------|-------------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| There are a number of corrections required at Huron Lodge. The most significant are correcting issues related to the building envelope water leaks (walls, windows, roof, and parapets), the heating, cooling, ventilation, & humidification systems, plumbing, and flooring repairs. An architectural/engineering consultant is required to assess the deficiencies and recommend the best, most cost effective solutions. | | | | Consultant report and design to correct leaks into building. Critical needs identified for the future: \$250,000 for wall protection board for the corridor walls + remaining \$250,000 for kitchen floor | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7153006 | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5411 | Construction Contracts-Non TCA | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 500,000 | 500,000 | | |
| 2020 | 0 | 0 | 0 | | Total | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 500,000 | 500,000 | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 160 | Capital Expenditure Reserve | | | | | | | | | |
| 2024+ | 500,000 | 500,000 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 500,000 | 500,000 | | |
| | 500,000 | 500,000 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 500,000 | 500,000 | | |
| Historical Approved Budget | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | |
| 2015 | 100,000 | 100,000 | 0 | | | | | | | | | | | |
| 2016 | 250,000 | 250,000 | 0 | | | | | | | | | | | |
| 2017 | 250,000 | 250,000 | 0 | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | Exp/(Rev) | FTE Impact | | |
| | | | | Unknown | No Operating Budget Impact | | | | | 0 | 0 | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | |
| 2014 | January 1, 2015 | Growth: 0.0 % Maintenance: 0.0 % | Mike Smithson | 2024+ | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---------------------------------------|---------------------|---|
| Project # | PFO-002-18 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Facility Operations |
| Title | Facility & Parks Building Demolitions | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|---|----------------------|------------------------------------|------------------|--|--|--|-------------|-------------|-----------------------------|-------------|-------------|------------------|-------------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| There are a number of buildings within the facility division that are in poor condition. They have been identified as reaching the end of their useful life and need to be demolished. By demolishing these buildings, the Corporation would no longer have the liability to maintain these buildings. As well, restoration of the property will help in creating an improved aesthetic for the neighbourhoods and parks that surround these buildings. | | | | An initial request of \$55,000 in 2018, along with an annual allotment of \$100,000 per year beginning in 2022 is requested to fund the demolitions. The funds will be assigned on a priority basis. Some specific buildings that have been identified include: Remington Community Centre Adie Knox Washrooms (Heritage list?) Optimist Park Washrooms (Heritage list?) Wigle Park Building (Heritage list?) Mill St. Washrooms Bradley Park Washrooms Remington Library Bruce Ave. (former garage) | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| 7189002 | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 55,000 | 55,000 | 0 | 5410 Construction Contracts - TCA | | 55,000 | 0 | 0 | 0 | 100,000 | 100,000 | 450,000 | 705,000 | | |
| 2019 | 0 | 0 | 0 | Total | | 55,000 | 0 | 0 | 0 | 100,000 | 100,000 | 450,000 | 705,000 | | |
| 2020 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | 55,000 | 0 | 0 | 0 | 100,000 | 100,000 | 450,000 | 705,000 | | |
| 2022 | 100,000 | 100,000 | 0 | Total | | 55,000 | 0 | 0 | 0 | 100,000 | 100,000 | 450,000 | 705,000 | | |
| 2023 | 100,000 | 100,000 | 0 | | | | | | | | | | | | |
| 2024+ | 450,000 | 450,000 | 0 | | | | | | | | | | | | |
| | 705,000 | 705,000 | 0 | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | Exp/(Rev) | FTE Impact | | |
| | | | | 2018-01-01 | | There will be an approximate operational budget impact of \$30,000 if this project to demolish these structures is not funded. These expenses would impact operational line item accounts such as insurance, utilities and building maintenance due to the need to maintain these structures at a minimum level, despite not being operational. In addition, there is a significant risk component to maintain these vacant buildings, as they are prone to vandalism. | | | | | | 30,000 | 0 | | |
| Related Projects | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | |
| 2018 | January 1, 2018 | Growth: 0.0 % Maintenance: 100.0 % | | Tom Graziano | | | | | Ongoing | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|---|
| Project # | PFO-003-11 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Facility Operations |
| Title | Corporate Designated Substance Remediation Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|--|--|--|-------------|-----------------------------|-------------|-------------|-------------|------------------|--------------|-------------------|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| <p>This program will fund the expenses incurred when Designated Substances, as defined in Ontario Regulation 490/90 of the OH&S Act, are encountered and required to be properly managed in municipal buildings.</p> <p>These substances are sometimes encountered unexpectedly during renovation projects or are discovered through a targeted investigation.</p> | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| 7001225- This capital project replaces The Asbestos Abatement Program. | | | | Lead paint abatement and mould abatement | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | <u>Revenue</u> | | <u>GL Account</u> | | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | |
| 2019 | 100,000 | 100,000 | 0 | | | 0 | 100,000 | 0 | 0 | 0 | 0 | 300,000 | 400,000 | | |
| 2020 | 0 | 0 | 0 | Total | | 0 | 100,000 | 0 | 0 | 0 | 0 | 300,000 | 400,000 | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 160 Capital Expenditure Reserve | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | 0 | 100,000 | 0 | 0 | 0 | 0 | 300,000 | 400,000 | | |
| 2024+ | 300,000 | 300,000 | 0 | Total | | 0 | 100,000 | 0 | 0 | 0 | 0 | 300,000 | 400,000 | | |
| | 400,000 | 400,000 | 0 | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | |
| | | <u>Revenue</u> | | <u>GL Account</u> | | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | | |
| 2017 | 100,000 | 100,000 | 0 | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | <u>Effective Date</u> | | <u>Description</u> | | | | | | <u>Exp/(Rev)</u> | | <u>FTE Impact</u> | |
| | | | | Unknown | | If the remediation required exceeds currently available funds, the impact on the operating budget will be significant. | | | | | | 0 | | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2011 | January 1, 2017 | Growth: 0.0 % Maintenance: 0.0 % | | Tom Graziano | | | | Ongoing | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---|
| Project # | PFO-003-13 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Facility Operations |
| Title | Art Gallery of Windsor Capital Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | Ward 3 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | |
|-----------------------------------|----------------------|---|------------------|----------------------------------|---------------------------------|--|-------------|-------------|------------------|-------------------|--------------|--------------|
| Project Description | | Projected capital costs for the ongoing maintenance of the new Art Gallery. | | Version Description | | The required capital maintenance repairs are referenced in Council Report #16252 approved via CR282/2012. The remaining repairs are as follows: 2018: Water sensors - \$50,000 Wall Curtain - \$345,000 Roof Repair - \$520,000 Generator Replacement - \$280,000 2019+: Annual allotment of \$125,000 to be prioritized for various capital repairs and maintenance in the facility. | | | | | | |
| Project Comments/Reference | | 7119006 | | Version Comments | | CR131/2014, Report #17162 approved a new Municipal Funding Agreement for the Gas Tax Funds in the years 2014-2018. As a result additional Gas Tax funds received are allocated to this project freeing up F169 Pay-As-You-Go funds earmarked for Fire Hall #8. Work still to be completed as per CR 282/2012. | | | | | | |
| Project Forecast | | Revenue | | Project Detailed Forecast | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| 2018 | 1,320,000 | 1,320,000 | 0 | Expenses | | | | | | | | |
| 2019 | 125,000 | 125,000 | 0 | 5410 | Construction Contracts - TCA | | | | | | | |
| 2020 | 125,000 | 125,000 | 0 | | 1,320,000 | 125,000 | 125,000 | 125,000 | 125,000 | 125,000 | 10,000 | 1,955,000 |
| 2021 | 125,000 | 125,000 | 0 | | Total | | | | | | | |
| 2022 | 125,000 | 125,000 | 0 | | 1,320,000 | 125,000 | 125,000 | 125,000 | 125,000 | 125,000 | 10,000 | 1,955,000 |
| 2023 | 125,000 | 125,000 | 0 | Revenues | | | | | | | | |
| 2024+ | 10,000 | 10,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | |
| | 1,955,000 | 1,955,000 | 0 | | 72,840 | 125,000 | 125,000 | 125,000 | 125,000 | 125,000 | 10,000 | 707,840 |
| | | | | 176 | Federal Gas Tax Rebate | | | | | | | |
| | | | | | 1,247,160 | 0 | 0 | 0 | 0 | 0 | 0 | 1,247,160 |
| | | | | | Total | 1,320,000 | 125,000 | 125,000 | 125,000 | 125,000 | 10,000 | 1,955,000 |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | |
| Related Projects | | | | Effective Date | Description | | | | Exp/(Rev) | FTE Impact | | |
| Precedes | Project Title | | | Unknown | No Operating Budget Impact | | | | 0 | 0 | | |
| REC-001-14 | Museum Expansion | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | Est. Completion Date | | | | | | |
| 2013 | January 1, 2018 | Growth: 100.0 % Maintenance: 0.0 % | | Tom Grazinao | | 2024+ | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---|
| Project # | PFO-003-14 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Facility Operations |
| Title | Corporate Facilities Boiler Replacement Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|---|---------------------------------|-------------|-------------|-------------|-----------------------------|-------------|-------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | |
| <p>The average life expectancy of a water boiler is approximately 15 to 20 years, with some failing sooner. Many of our facilities have boilers that are older and require replacement or major repair. New-generation boilers offer major increases in annual operating efficiency compared to boilers that are 10 or more years old.</p> <p>Annual funding of \$50,000 is being requested to replace aging boilers as they approach the end of their useful life.</p> | | | | <p>The Building Condition Assessment project and continued collection of asset data will assist the department in inventory and detailing a replacement schedule.</p> <p>Enterprise Risk(s): This funding will mitigate against the identified Infrastructure enterprise risk. The lack of funding for these works will result in deferral of repairs and increase the likelihood of over expenditures in the operating budget when emergency repairs must be undertaken.</p> | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| 7142001 | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | <u>Revenue</u> | | <u>GL Account</u> | | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | |
| 2019 | 89,500 | 89,500 | 0 | | 0 | 89,500 | 0 | 0 | 0 | 0 | 55,000 | 144,500 | |
| 2020 | 0 | 0 | 0 | Total | 0 | 89,500 | 0 | 0 | 0 | 0 | 55,000 | 144,500 | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 89,500 | 0 | 0 | 0 | 0 | 55,000 | 144,500 | |
| 2024+ | 55,000 | 55,000 | 0 | Total | 0 | 89,500 | 0 | 0 | 0 | 0 | 55,000 | 144,500 | |
| | 144,500 | 144,500 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | |
| | | <u>Revenue</u> | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | |
| 2014 | 55,500 | 55,500 | 0 | | | | | | | | | | |
| 2015 | 50,000 | 50,000 | 0 | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | |
| | | | | <u>Effective Date</u> | <u>Description</u> | | | | | | | <u>Exp/(Rev)</u> | <u>FTE Impact</u> |
| | | | | Unknown | No Operating Budget Impact | | | | | | | 0 | 0 |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | |
| 2014 | January 1, 2015 | Growth: 0.0 % Maintenance: 0.0 % | | Tom Graziano | | | | | Ongoing | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---|
| Project # | PFO-004-12 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Facility Operations |
| Title | Corporate Facilities Building Condition Assessments | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|---------------------|--|--|------------------|-------------------|-------------|-------------|-------------|--------------|--------------|---------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| With the help of a Consultant, each municipal facility shall be assessed and reported upon in terms of the key components of the building envelope and the building systems. Once completed, this assessment will form the framework for the creation of future capital budget requests over the next ten years. This project is critical in developing our asset management planning program. | | | | Building condition assessment work will be ongoing. Funding from 2019-2023 will accumulate in order to perform the next phase of building condition assessments. This work will include building condition assessments of additional buildings, accessibility audits and re-testing/re-inspecting as required. Enterprise Risk(s): This funding will mitigate against the identified Infrastructure enterprise risk. This funding will help identify the infrastructure needs within Facilities so future costs can be projected. | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| 7141021 | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | |
| 2019 | 50,000 | 50,000 | 0 | | 0 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 0 | 250,000 | | | |
| 2020 | 50,000 | 50,000 | 0 | | Total | | | | | | | 0 | 250,000 | | |
| 2021 | 50,000 | 50,000 | 0 | Revenues | | | | | | | | | | | |
| 2022 | 50,000 | 50,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | |
| 2023 | 50,000 | 50,000 | 0 | | 0 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 0 | 250,000 | | | |
| 2024+ | 0 | 0 | 0 | | Total | | | | | | | 0 | 250,000 | | |
| | 250,000 | 250,000 | 0 | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | | |
| 2014 | 300,000 | 0 | 300,000 | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | | | |
| | | | | Unknown | The lack of capital funding would result in further deterioration of the equipment and increase the likelihood of expenditures in the operating budget due to repairs. | 0 | 0 | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | |
| 2012 | January 1, 2014 | Growth: 0.0 % Maintenance: 0.0 % | Tom Graziano | 2023+ | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---|
| Project # | PFO-004-14 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Facility Operations |
| Title | Facilities Operations Business Process Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | |
|--|--|
| Project Description | Version Description |
| The Facility Operations division has drastically changed from its initial roots. Over the years, Facility Operations has worked to identify the key services necessary to ensure corporate facilities are maintained and services are not disrupted. The department's corporate role has grown from a maintenance division to building administrators division which includes oversight of external agreements with 3rd party tenants such as the federal and provincial governments and management of high tech or high maintenance buildings such as the WIATC (water park) and the Capitol Theatre. As the Facility Operations division evolved over the last decade with a focus on real property management, the need to update business processes and utilize industry best practices has become increasingly crucial. The Parks department is also in a position to benefit from a business process review. Much of its processes rely on paper and the department has not had a comprehensive review of its business practices in a number of years. | This Business Process Review project will provide a comprehensive review of the administrative resources, procedures, project management practices and asset management processes in both the Facility and Park departments to create an efficient, effective and consistent system for managing the Corporation's complex and diverse facility portfolio. An internal review is being initiated and may identify external consulting needs. It is anticipated that a facilitator can assist in the work needed to complete a full business process review. This work would be to conduct meetings to gather information, to identify and streamline processes, to eliminate wasteful practices, to recommend best practices and to document these new procedures. One of the certain improvements to the business processes will involve an increased use of technology to allow for information exchange in the field. This will include identifying and purchasing the optimal type of hardware (e.g. tablets, laptops, etc.). Currently, most of the processes rely on paper so this will create much needed efficiencies. Software may also need to be purchased in order to create a more efficient process. Many of the Parks department's assets are not tracked in a database. During the business process review, it is likely that there will be costs associated with including Park's assets in an asset management database. |

| | |
|-----------------------------------|--|
| Project Comments/Reference | Version Comments |
| 7141007 | In 2014, surplus funds in the amount of \$240,000 was transferred from project ID 7059002 - Civic Image Features-Walker Road, per 2014 approved capital budget (CR#B38-2013), noted in the Historical Approved Budget section (i.e. Subsidies) to fund this project. |

| Project Forecast | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----------------------------------|---------------|-----------|------|------|---------------|---------------|---------------|-----------|---------|--------|---------|---|---|--|------|---|---|---|--|------|--------|--------|---|--|------|---|---|---|--|------|---|---|---|--|------|---|---|---|--|-------|---|---|---|--|--|---------------|---------------|----------|--|---|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|--|--|--|--|--|--|--|--|--|---|---|--------|---|---|---|---|--------|-------|---|---|--------|---|---|---|---|--------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|--|--|--|--|--|--|--|--|--|---|---|--------|---|---|---|---|--------|-------|---|---|--------|---|---|---|---|--------|
| <table border="1" style="width: 100%;"> <thead> <tr> <th colspan="2"></th> <th colspan="3">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th colspan="2">Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>0</td><td>0</td><td colspan="2">0</td></tr> <tr><td>2019</td><td>0</td><td>0</td><td colspan="2">0</td></tr> <tr><td>2020</td><td>50,000</td><td>50,000</td><td colspan="2">0</td></tr> <tr><td>2021</td><td>0</td><td>0</td><td colspan="2">0</td></tr> <tr><td>2022</td><td>0</td><td>0</td><td colspan="2">0</td></tr> <tr><td>2023</td><td>0</td><td>0</td><td colspan="2">0</td></tr> <tr><td>2024+</td><td>0</td><td>0</td><td colspan="2">0</td></tr> <tr><td></td><td>50,000</td><td>50,000</td><td colspan="2">0</td></tr> </tbody> </table> | | | Revenue | | | Year | Total Expense | Net City Cost | Subsidies | | 2018 | 0 | 0 | 0 | | 2019 | 0 | 0 | 0 | | 2020 | 50,000 | 50,000 | 0 | | 2021 | 0 | 0 | 0 | | 2022 | 0 | 0 | 0 | | 2023 | 0 | 0 | 0 | | 2024+ | 0 | 0 | 0 | | | 50,000 | 50,000 | 0 | | <table border="1" style="width: 100%;"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>2915 Consulting Services - External</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>0</td> <td>0</td> <td>50,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>50,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>50,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>50,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>0</td> <td>0</td> <td>50,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>50,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>50,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>50,000</td> </tr> </tbody> </table> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 2915 Consulting Services - External | | | | | | | | | | 0 | 0 | 50,000 | 0 | 0 | 0 | 0 | 50,000 | Total | 0 | 0 | 50,000 | 0 | 0 | 0 | 0 | 50,000 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | | | | | | | | | | 0 | 0 | 50,000 | 0 | 0 | 0 | 0 | 50,000 | Total | 0 | 0 | 50,000 | 0 | 0 | 0 | 0 | 50,000 |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2915 Consulting Services - External | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 50,000 | 0 | 0 | 0 | 0 | 50,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 50,000 | 0 | 0 | 0 | 0 | 50,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 50,000 | 0 | 0 | 0 | 0 | 50,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 50,000 | 0 | 0 | 0 | 0 | 50,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%;"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr> <td>2014</td> <td>275,000</td> <td>35,000</td> <td>240,000</td> </tr> </tbody> </table> | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2014 | 275,000 | 35,000 | 240,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2014 | 275,000 | 35,000 | 240,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Related Projects | Operating Budget Impact | | | | | | | | |
|-------------------------|---|----------------|-------------|-----------|------------|---------|--|---|---|
| | <table border="1" style="width: 100%;"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>Operating budget impacts are noted above in Version Description.</td> <td>0</td> <td>0</td> </tr> </tbody> </table> | Effective Date | Description | Exp/(Rev) | FTE Impact | Unknown | Operating budget impacts are noted above in Version Description. | 0 | 0 |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | |
| Unknown | Operating budget impacts are noted above in Version Description. | 0 | 0 | | | | | | |

| | | | | |
|------------------------|-------------------|----------------------------------|--------------------------|-----------------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date |
| 2014 | January 1, 2020 | Growth: 0.0 % Maintenance: 0.0 % | Tom Graziano/Mel Douglas | 2020 |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|---|
| Project # | PFO-009-11 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Facility Operations |
| Title | Corporate Heating & Cooling Replacement/Repair Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | |
|---|--|
| Project Description | Version Description |
| To implement a proactive mechanism to allow heating and cooling system replacement to be planned for within the capital budget. | <p>This project will provide preventative maintenance on all city heating and cooling units to prevent system failures and extend their useful life. An annual budget of approx. \$100,000 is requested to cover material costs for regular and unforeseen maintenance that may arise in the year. Specific work identified at this time is as follows:</p> <p>2018 - \$350,000 for Huron Lodge's other HVAC units, generators and boilers & \$50,000 for Fire Hall Conversion to Building Automation System (BAS) + \$20,000 HVAC Repairs Art Gallery + \$30,000 HVAC for WITT and Baby House</p> <p>2019 - \$400,000 for boiler at Central Library and HVAC fans on (3) floors (transferred from WPL-002-14) + \$55,000 Forest Glade HVAC, \$45,000 Riverside Library HVAC unit</p> <p>2020 - \$350,000 for Willistead Cooling system and HVAC and \$150,000 for Capitol Theatre</p> <p>2021 - \$100,000 BAS Upgrades</p> <p>2022 - \$100,000 BAS Upgrades</p> <p>Other identified needs include:</p> <ul style="list-style-type: none"> - \$150,000 for the Mackenzie Hall HVAC - Recreation has identified the HVAC systems at Malden Park CC and John Atkinson CC <p>Enterprise Risk(s): This funding will mitigate against the identified Infrastructure enterprise risk. The lack of funding for these works will result in deferral of repairs and increase the likelihood of over expenditures in the operating budget when emergency repairs must be undertaken.</p> |

| | |
|-----------------------------------|-------------------------|
| Project Comments/Reference | Version Comments |
| 7121006 closed/7142000 | |

| Project Forecast | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------------------|------------------|----------------|----------------|----------------|----------------|----------------|------------------|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|-------|---------|---------|---|--|------------------|------------------|----------|---|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-----------------------------------|---------|---------|---------|---------|---------|---------|---------|-----------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|-----------------|--|--|--|--|--|--|--|--|---------------------------------|---------|--------|---------|---|---|---|---|---------|-------------------------------------|---------|---------|---------|---------|---------|---------|---------|-----------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>450,000</td><td>450,000</td><td>0</td></tr> <tr><td>2019</td><td>500,000</td><td>500,000</td><td>0</td></tr> <tr><td>2020</td><td>500,000</td><td>500,000</td><td>0</td></tr> <tr><td>2021</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2022</td><td>150,000</td><td>150,000</td><td>0</td></tr> <tr><td>2023</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2024+</td><td>784,000</td><td>784,000</td><td>0</td></tr> <tr><td></td><td>2,584,000</td><td>2,584,000</td><td>0</td></tr> </tbody> </table> | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2018 | 450,000 | 450,000 | 0 | 2019 | 500,000 | 500,000 | 0 | 2020 | 500,000 | 500,000 | 0 | 2021 | 100,000 | 100,000 | 0 | 2022 | 150,000 | 150,000 | 0 | 2023 | 100,000 | 100,000 | 0 | 2024+ | 784,000 | 784,000 | 0 | | 2,584,000 | 2,584,000 | 0 | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td>450,000</td> <td>500,000</td> <td>500,000</td> <td>100,000</td> <td>150,000</td> <td>100,000</td> <td>784,000</td> <td>2,584,000</td> </tr> <tr> <td>Total</td> <td>450,000</td> <td>500,000</td> <td>500,000</td> <td>100,000</td> <td>150,000</td> <td>100,000</td> <td>784,000</td> <td>2,584,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>160 Capital Expenditure Reserve</td> <td>100,000</td> <td>82,000</td> <td>271,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>453,000</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td>350,000</td> <td>418,000</td> <td>229,000</td> <td>100,000</td> <td>150,000</td> <td>100,000</td> <td>784,000</td> <td>2,131,000</td> </tr> <tr> <td>Total</td> <td>450,000</td> <td>500,000</td> <td>500,000</td> <td>100,000</td> <td>150,000</td> <td>100,000</td> <td>784,000</td> <td>2,584,000</td> </tr> </tbody> </table> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5410 Construction Contracts - TCA | 450,000 | 500,000 | 500,000 | 100,000 | 150,000 | 100,000 | 784,000 | 2,584,000 | Total | 450,000 | 500,000 | 500,000 | 100,000 | 150,000 | 100,000 | 784,000 | 2,584,000 | Revenues | | | | | | | | | 160 Capital Expenditure Reserve | 100,000 | 82,000 | 271,000 | 0 | 0 | 0 | 0 | 453,000 | 169 Pay As You Go - Capital Reserve | 350,000 | 418,000 | 229,000 | 100,000 | 150,000 | 100,000 | 784,000 | 2,131,000 | Total | 450,000 | 500,000 | 500,000 | 100,000 | 150,000 | 100,000 | 784,000 | 2,584,000 |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 450,000 | 450,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 500,000 | 500,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 500,000 | 500,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 150,000 | 150,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 784,000 | 784,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2,584,000 | 2,584,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5410 Construction Contracts - TCA | 450,000 | 500,000 | 500,000 | 100,000 | 150,000 | 100,000 | 784,000 | 2,584,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 450,000 | 500,000 | 500,000 | 100,000 | 150,000 | 100,000 | 784,000 | 2,584,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 160 Capital Expenditure Reserve | 100,000 | 82,000 | 271,000 | 0 | 0 | 0 | 0 | 453,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | 350,000 | 418,000 | 229,000 | 100,000 | 150,000 | 100,000 | 784,000 | 2,131,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 450,000 | 500,000 | 500,000 | 100,000 | 150,000 | 100,000 | 784,000 | 2,584,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---------------|---------------|-----------|--|------|---------------|---------------|-----------|------|--------|--------|---|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|--|
| <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2012</td><td>75,000</td><td>75,000</td><td>0</td></tr> <tr><td>2014</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2015</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2016</td><td>205,000</td><td>205,000</td><td>0</td></tr> <tr><td>2017</td><td>190,000</td><td>190,000</td><td>0</td></tr> </tbody> </table> | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2012 | 75,000 | 75,000 | 0 | 2014 | 100,000 | 100,000 | 0 | 2015 | 100,000 | 100,000 | 0 | 2016 | 205,000 | 205,000 | 0 | 2017 | 190,000 | 190,000 | 0 | |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2012 | 75,000 | 75,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2014 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2015 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2016 | 205,000 | 205,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2017 | 190,000 | 190,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Related Projects | | | Operating Budget Impact | | | |
|------------------|-----------------|------------------------------------|-------------------------|--|-----------|------------|
| Year Identified | Start Date | Project Type for 2018 | Effective Date | Description | Exp/(Rev) | FTE Impact |
| 2011 | January 1, 2015 | Growth: 0.0 % Maintenance: 100.0 % | Unknown | The lack of capital funding would result in further deterioration of the equipment and increase the likelihood of expenditures in the operating budget due to repairs. | 0 | 0 |
| | | | Project Lead | Est. Completion Date | | |
| | | | Tom Graziano | Ongoing | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|---|
| Project # | PFO-010-11 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Facility Operations |
| Title | Corporate Facilities Flooring and Finishes Replacement Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | Ward 3 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | | |
|---|----------------------|------------------------------------|------------------|--|---------------------------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|------------------|-------------------|--|--|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | | |
| To replace and upgrade flooring, ceiling and wall finishes corporate wide in an effort to improve resistance to damage and reduce the cost of maintaining high traffic areas. | | | | Funding is required to replace damaged and aged carpets and floor finishes that are beyond their life expectancy at various municipally owned facilities. An annual budget of \$100,000 will be used on a priority basis. Specific work currently identified will help prevent possible trip hazards by replacing and repairing deteriorated flooring. In 2019, the additional funds over and above the annual \$100,000 budget will be used for flooring at libraries previously approved under WPL-010-11. 2019: \$130,000 allocated to flooring at libraries and \$30,000 pre-committed to Budimir expansion as per CR160/2016. | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | |
| 7155001/7159011 | | | | CR160/2016 Pre-committed \$30,000 (flooring) to 7159011 - Windsor Public Library Budimir (2019). | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | | | | | | | |
| 2018 | 100,000 | 100,000 | 0 | Expenses | | | | | | | | | | | | | | | | |
| 2019 | 260,000 | 260,000 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | | | | |
| 2020 | 100,000 | 100,000 | 0 | | 100,000 | 260,000 | 100,000 | 100,000 | 100,000 | 100,000 | 275,000 | 1,035,000 | | | | | | | | |
| 2021 | 100,000 | 100,000 | 0 | | Total | 100,000 | 260,000 | 100,000 | 100,000 | 100,000 | 275,000 | 1,035,000 | | | | | | | | |
| 2022 | 100,000 | 100,000 | 0 | Revenues | | | | | | | | | | | | | | | | |
| 2023 | 100,000 | 100,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | |
| 2024+ | 275,000 | 275,000 | 0 | | 100,000 | 260,000 | 100,000 | 100,000 | 100,000 | 100,000 | 275,000 | 1,035,000 | | | | | | | | |
| | 1,035,000 | 1,035,000 | 0 | | Total | 100,000 | 260,000 | 100,000 | 100,000 | 100,000 | 275,000 | 1,035,000 | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | | | | | | | |
| 2015 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | |
| 2016 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | |
| 2017 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | | |
| | | | | <u>Effective Date</u> | <u>Description</u> | | | | | | | <u>Exp/(Rev)</u> | <u>FTE Impact</u> | | | | | | | |
| | | | | Unknown | No Operating Budget Impact | | | | | | | 0 | 0 | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | | | | |
| 2011 | January 1, 2015 | Growth: 0.0 % Maintenance: 100.0 % | | Tom Graziano | | | | | Ongoing | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|---|
| Project # | PFO-014-07 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Facility Operations |
| Title | Corporate Facilities Health & Safety Compliance Upgrades | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

Project Description

This is an ongoing program to address the deficiencies outlined in the corporate health and safety audit. Pending initiatives are brought forward as issues arise. Facilities Operations finds itself called upon to resolve Health & Safety matters across the Corporation, with a limited corresponding source of funding. As identified in the recent OMBI performance indicators, Facilities Operations is responsible for providing service to over 1 million square feet of space among various City owned facilities. This includes ensuring that Health & Safety orders/complaints are followed up in a timely manner. Currently, many orders cannot be absorbed in the various operating budgets. Expectations are that, due to aging municipal facilities, an aging work force and the recent hiring of additional Ministry of Labour work force with respect to enforcing Bill C45, the demand for Health & Safety related upgrades will steadily increase.

Project Comments/Reference

7086007

Project Forecast

| Year | Total Expense | Revenue | |
|-------|----------------|----------------|-----------|
| | | Net City Cost | Subsidies |
| 2018 | 150,000 | 150,000 | 0 |
| 2019 | 100,000 | 100,000 | 0 |
| 2020 | 100,000 | 100,000 | 0 |
| 2021 | 100,000 | 100,000 | 0 |
| 2022 | 150,000 | 150,000 | 0 |
| 2023 | 150,000 | 150,000 | 0 |
| 2024+ | 0 | 0 | 0 |
| | 750,000 | 750,000 | 0 |

Historical Approved Budget

| Year | Total Expense | Revenue | |
|------|---------------|---------------|-----------|
| | | Net City Cost | Subsidies |
| 2007 | 75,000 | 75,000 | 0 |
| 2008 | 150,000 | 150,000 | 0 |
| 2009 | 150,000 | 150,000 | 0 |
| 2010 | 150,000 | 150,000 | 0 |
| 2011 | 150,000 | 150,000 | 0 |
| 2012 | 150,000 | 150,000 | 0 |
| 2013 | 160,000 | 160,000 | 0 |
| 2014 | 150,000 | 150,000 | 0 |
| 2015 | 185,000 | 185,000 | 0 |
| 2017 | 150,000 | 150,000 | 0 |

Version Description

Issues that will require attention as a result of various Provincial Ministry and Municipal orders include but are not limited to the following:

- mould remediation
- work environment illumination levels as set forth by the Ministry of Labour
- washroom improvements
- sidewalk/pathway trip hazards
- flooring trip hazards & other structural hazards
- air quality & noise improvements
- Electrical Safety Authority Orders to Comply
- Fire Prevention Officer Orders to Comply

Outstanding orders from both the ESA and our own Health & Safety team are currently being compiled. It should be noted that this represents a running total that is fluid and changes over time. A backlog of work orders is anticipated based on Bill C-45, although dealt with as far as funding will allow. It can be effectively demonstrated that more funds will be required in future years.

Version Comments

Health and Safety projects include but are not limited to:

- the parking lighting poles at Huron Lodge as a structural hazard
- the sidewalk/pathways at certain Fire Halls as a trip hazard

Project Detailed Forecast

| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
|-----------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------|----------------|
| Expenses | | | | | | | | |
| 5410 Construction Contracts - TCA | | | | | | | | |
| | 150,000 | 100,000 | 100,000 | 100,000 | 150,000 | 150,000 | 0 | 750,000 |
| Total | 150,000 | 100,000 | 100,000 | 100,000 | 150,000 | 150,000 | 0 | 750,000 |
| Revenues | | | | | | | | |
| 160 Capital Expenditure Reserve | | | | | | | | |
| | 150,000 | 100,000 | 100,000 | 100,000 | 150,000 | 150,000 | 0 | 750,000 |
| Total | 150,000 | 100,000 | 100,000 | 100,000 | 150,000 | 150,000 | 0 | 750,000 |

| Related Projects | | | Operating Budget Impact | | |
|------------------|-----------------|------------------------------------|-------------------------|----------------------------|----------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | |
| 2007 | January 1, 2007 | Growth: 0.0 % Maintenance: 100.0 % | Tom Graziano | Ongoing | |
| | | | Effective Date | Description | Exp/(Rev) FTE Impact |
| | | | Unknown | No Operating Budget Impact | 0 0 |



Project Version Summary

| | | | |
|-----------------------|--------------------------------------|---------------------|---|
| Project # | REC-004-08 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Facility Operations |
| Title | The WFCU Centre Capital Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | Ward 6 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|--|--|-------------|-------------|-------------|-----------------------------|-------------|-------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | |
| The WFCU Centre constructed in 2007/2008, will require ongoing capital maintenance and minor operational adjustments for the new fully operational state-of-the-art facility. Operation over the last four years has brought certain elements to management that needs to be addressed such as the zamboni floor drains that are too small and cannot keep up with the flow of water and therefore causing a health and safety issue. Storage areas need to be addressed due to the limitation of storage areas within the facility. A storage shed is required to store equipment, staging and chairs. These items are currently being stored in the back house which is crowded and causing a health and safety issue. | | | | This facility is highly used by the City and other tenants such as Ovations, Seniors Group, Windsor Spitfires, Windsor Express and Global Spectrum. 2019: Floor drain (zamboni) 2020: Structural report 2021: Suite level carpet Replacement of four sliding doors Paint dressing rooms Replace carpet with rubber flooring Hand dryers/blowers in the restroom Cleaning equipment Leisure gym floor refurbishment Cement floor refurbishment 2023+: Security systems | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| 7064900/7141006/7161046 | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | 0 | 200,000 | 30,000 | 280,000 | 0 | 200,000 | 200,000 | 910,000 |
| 2019 | 200,000 | 200,000 | 0 | Total | | 0 | 200,000 | 30,000 | 280,000 | 0 | 200,000 | 200,000 | 910,000 |
| 2020 | 30,000 | 30,000 | 0 | Revenues | | | | | | | | | |
| 2021 | 280,000 | 280,000 | 0 | 160 | Capital Expenditure Reserve | 0 | 200,000 | 30,000 | 49,000 | 0 | 200,000 | 200,000 | 679,000 |
| 2022 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | 0 | 0 | 0 | 231,000 | 0 | 0 | 0 | 231,000 |
| 2023 | 200,000 | 200,000 | 0 | Total | | 0 | 200,000 | 30,000 | 280,000 | 0 | 200,000 | 200,000 | 910,000 |
| 2024+ | 200,000 | 200,000 | 0 | | | | | | | | | | |
| | 910,000 | 910,000 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | |
| 2014 | 26,000 | 26,000 | 0 | | | | | | | | | | |
| 2016 | 340,000 | 340,000 | 0 | | | | | | | | | | |
| 2017 | 430,000 | 430,000 | 0 | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | The lack of capital funding would result in further deterioration of the asset and increase the likelihood of expenditures in the operating budget due to repairs. | | | | | | | 0 | 0 |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | |
| 2008 | January 2, 2017 | Growth: 0.0 % Maintenance: 0.0 % | | Tom Graziano | | | | | Ongoing | | | | |



Project Version Summary

| | | | |
|-----------------------|-----------------------------------|---------------------|---|
| Project # | REC-005-07 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Facility Operations |
| Title | Corporate Arena Refurbishments | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | Ward 1, Ward 3, Ward 7 | | |
| Version Name | Main (Active) | | |

Project Description
 Ongoing upgrades/refurbishments to municipal arenas in order to ensure that they remain functional and do not pose a hazard to users and address the needs of user groups. Due to changing user demographics (i.e. more females playing hockey), a shortage of dressing rooms is one of the areas that must be addressed. We should now be offering 6 dressing rooms per single pad and 12 per double pad. There is also a concern that additional capital repairs are required for the aging arena facilities (Forest Glade Arena, Adie Knox Arena, South Windsor Arena and WFCU Centre). Compressors/chillers are very expensive equipment that require ongoing maintenance programs and major overhauls every few years.

Version Description
 On a (3) three year cycle, the City of Windsor arena facilities require a comprehensive structural inspection report, in accordance with Section 54 (1) (m) of the Occupational Health and Safety Act, Revised Statutes of Ontario, 1990 and the guidelines for "Structural Adequacy of Arenas" of the Association of Professional Engineers of Ontario, published latest edition, as required under the Ontario Ministry of Labour. \$30,000 is required to adhere with Ministry of Labour standards in years 2017 & 2020 to maintain our compliance within these standards. To complete the extensive capital improvements to our arenas' dressing rooms, showers, restrooms, complete structural assessment work, maintenance programs for all of the plant equipment including refrigeration equipment, compressors, etc., the requested annual funding is \$250,000.

 Critical Needs identified:
 Replacement of Dehumidification Systems - South Windsor Arena & Forest Glade Arena

Project Comments/Reference
 7069036
 See attached document

Version Comments

| Project Forecast | | Revenue | |
|------------------|------------------|------------------|-----------|
| Year | Total Expense | Net City Cost | Subsidies |
| 2018 | 635,000 | 635,000 | 0 |
| 2019 | 250,000 | 250,000 | 0 |
| 2020 | 280,000 | 280,000 | 0 |
| 2021 | 250,000 | 250,000 | 0 |
| 2022 | 375,000 | 375,000 | 0 |
| 2023 | 200,000 | 200,000 | 0 |
| 2024+ | 1,000,000 | 1,000,000 | 0 |
| | 2,990,000 | 2,990,000 | 0 |

| Project Detailed Forecast | | | | | | | | |
|-------------------------------------|---------|---------|---------|---------|---------|---------|-----------|-----------|
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Expenses | | | | | | | | |
| 5410 Construction Contracts - TCA | | | | | | | | |
| | 635,000 | 250,000 | 280,000 | 250,000 | 375,000 | 200,000 | 1,000,000 | 2,990,000 |
| Total | 635,000 | 250,000 | 280,000 | 250,000 | 375,000 | 200,000 | 1,000,000 | 2,990,000 |
| Revenues | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | | | | | | | | |
| | 635,000 | 250,000 | 280,000 | 250,000 | 375,000 | 200,000 | 1,000,000 | 2,990,000 |
| Total | 635,000 | 250,000 | 280,000 | 250,000 | 375,000 | 200,000 | 1,000,000 | 2,990,000 |

| Historical Approved Budget | | Revenue | |
|----------------------------|---------------|---------------|-----------|
| Year | Total Expense | Net City Cost | Subsidies |
| 2009 | 200,000 | 200,000 | 0 |
| 2010 | 400,000 | 400,000 | 0 |
| 2011 | 150,000 | 150,000 | 0 |
| 2012 | 20,000 | 20,000 | 0 |
| 2013 | 20,000 | 20,000 | 0 |
| 2014 | 40,000 | 40,000 | 0 |
| 2015 | 250,000 | 250,000 | 0 |
| 2016 | 250,000 | 250,000 | 0 |
| 2017 | 280,000 | 280,000 | 0 |

| Related Projects | | | Operating Budget Impact | | |
|------------------|-----------------|------------------------------------|-------------------------|----------------------|--|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | |
| | | | | | |
| | | | | | Exp/(Rev) FTE Impact |
| | | | | | Unknown No Operating Budget Impact 0 0 |
| 2007 | January 1, 2015 | Growth: 0.0 % Maintenance: 100.0 % | Jan Wilson/Tom Graziano | Ongoing | |

**Project Attachment
For: 2018**

Project #: REC-005-07

Project Name: Municipal Arena Refurbishments

| 2018 | | |
|--|----------------|----------------|
| Structural Assessments | 30,000 | |
| Roof Upgrades - SWRC | 200,000 | |
| Dehumidification System - SWRC | <u>405,000</u> | 635,000 |
| 2019 | | |
| Structural Assessment (3 year) | 30,000 | |
| Dehumidification System (Partial Funding) | <u>220,000</u> | 250,000 |
| 2020 | | |
| Flat Roof Upgrades - AK | 50,000 | |
| Mechanical Upgrade - SWRC Chiller | 135,000 | |
| Mechanical Upgrade - FG Electrical Panels x2 (95K) | <u>95,000</u> | 280,000 |
| 2021 | | |
| Security System (card access and video surveillance) | <u>250,000</u> | 250,000 |
| 2022 | | |
| Dehumidification System (Partial Funding) | 125,000 | |
| Rink Board Replacement (SWRC) | 100,000 | |
| Security System (card access and video surveillance) | <u>150,000</u> | 375,000 |
| 2023 | | |
| Equipment (Retractable Stands WFCU) | 150,000 | |
| Equipment - General | <u>50,000</u> | 200,000 |
| 2024 | | |
| Rink Board Replacement (FGA) | 100,000 | |
| Mechanical Upgrades | 250,000 | |
| Flooring | 50,000 | |
| Painting | 50,000 | |
| Equipment - General | <u>50,000</u> | 500,000 |
| 2025 | | |
| Additional Dressing Room at various arenas | 400,000 | |
| Flooring | 50,000 | |
| Structural Assessment (3 year) | <u>50,000</u> | 500,000 |



Project Version Summary

| | | | |
|-----------------------|---------------------------------------|---------------------|---|
| Project # | REC-006-07 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Facility Operations |
| Title | Mackenzie Hall Repair and Maintenance | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | Ward 2 | | |
| Version Name | Main (Active) | | |

| | |
|--|---|
| Project Description | Version Description |
| A 2003 Condition Assessment & Strategy for Repair & Maintenance of Heritage Properties report by Architect George Robb & author Peter Stewart identified a problem with the windows at Mackenzie Hall. The report stated that past maintenance efforts at the Hall, such as repair/repainting of wood window sills, were not completely successful because of ill-fitting storm windows and/or uncontrolled high interior humidity. A call for proposals for a study of the humidity/window issue in 2004 revealed that the major problem was the existing single pane replica windows installed in the 1980's. There has since been additional assessments performed on this building with regards to the roof replacement and other restorative recommendations. | An annual allotment of approx. \$50,000 beginning in 2022 for various repairs, maintenance and restorations to address Mackenzie Hall's unexpected needs and to perform proper maintenance as needed. |

| | |
|-----------------------------------|-------------------------|
| Project Comments/Reference | Version Comments |
| 7073051 | |

| Project Forecast | | Revenue | |
|------------------|----------------|----------------|-----------|
| Year | Total Expense | Net City Cost | Subsidies |
| 2018 | 0 | 0 | 0 |
| 2019 | 0 | 0 | 0 |
| 2020 | 0 | 0 | 0 |
| 2021 | 0 | 0 | 0 |
| 2022 | 50,000 | 50,000 | 0 |
| 2023 | 50,000 | 50,000 | 0 |
| 2024+ | 200,000 | 200,000 | 0 |
| | 300,000 | 300,000 | 0 |

| Project Detailed Forecast | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
|---------------------------|---------------------------------|------|------|------|------|--------|--------|---------|---------|
| Expenses | | | | | | | | | |
| 5410 | Construction Contracts - TCA | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 200,000 | 300,000 |
| Total | | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 200,000 | 300,000 |
| Revenues | | | | | | | | | |
| 169 | Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 200,000 | 300,000 |
| Total | | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 200,000 | 300,000 |

| Historical Approved Budget | | Revenue | |
|----------------------------|---------------|---------------|-----------|
| Year | Total Expense | Net City Cost | Subsidies |
| 2007 | 24,000 | 24,000 | 0 |
| 2008 | 74,000 | 74,000 | 0 |
| 2009 | 123,000 | 123,000 | 0 |
| 2010 | 200,000 | 200,000 | 0 |
| 2011 | 237,000 | 237,000 | 0 |
| 2014 | 137,000 | 137,000 | 0 |
| 2015 | 77,500 | 77,500 | 0 |
| 2016 | 1,490,000 | 1,490,000 | 0 |

| Related Projects | | | Operating Budget Impact | | |
|------------------|-----------------|----------------------------------|-------------------------|--|----------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | |
| 2007 | January 1, 2015 | Growth: 0.0 % Maintenance: 0.0 % | Derek Thachuk | Ongoing | |
| | | | Effective Date | Description | Exp/(Rev) FTE Impact |
| | | | Unknown | The lack of capital funding would result in further deterioration of the asset and increase the likelihood of expenditures in the operating budget due to repairs. | 0 0 |



Project Version Summary

| | | | |
|-----------------------|--------------------------|---------------------|---|
| Project # | PFO-007-11 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Forestry |
| Title | Tree Maintenance Backlog | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

Project Description

The Forestry Division is responsible for the maintenance of approximately 70,000 street trees along the right-of-way and 30,000 parkland trees. Tree maintenance on existing trees primarily involves the removal of trees in very poor health and trimming of trees that in good condition and viable. In the past, Parks carried out area trim contracts throughout the city with the intent to trim all the city's street trees over a 10 year period. This proactive maintenance was last carried out in 2006 on a smaller scale. The area trims also addressed conflicts involving streetlights. Since area trims are no longer carried out, no trimming for streetlight clearances has occurred. Enwin has indicated that the number of streetlight outages has increased recently due to tree limbs knocking down the lines. Over the past 10 years Parks has increased the number of removals carried out per year due to the age of many of our Silver and Norway maples trees.

Version Description

The age distribution of our street trees is as follows: 30% are over 60 years old; 30% are between 40-60 years old; 18% are between 20-40 years old; and 22% are under 20 years old. As a result funds originally budgeted to trimming were reallocated to removals. The balance of the trim budget has been used when available, to help reduce the backlog of work activity spawned by citizen requests. As a result of the above activities Parks no longer carries out any proactive trimming. All trimming is carried out on a reactive basis. The absence of proactive trimming greatly increases the city's liability when it comes to the related claims. In order to move to the acceptable industry standard funds be will be required each year on a go forward basis to address the backlog of 311 calls and to address the trimming levels required.

2018 Capital
 \$210,000 Tree Inventory consultant charges
 \$250,000 Tree Trimming expenses
 \$200,000 Tree Removals
 \$50,000 Urban Forest Management Plan
 TOTAL: \$710,000

2019 Capital
 \$250,000 Tree Trimming expenses
 \$250,000 Tree Removals
 TOTAL: \$500,000

2020 Capital
 \$250,000 Tree Trimming expenses
 \$250,000 Tree Removals
 NEW TOTAL: \$500,000

2021 Capital
 \$250,000 Tree Trimming expenses
 \$250,000 Tree Removals
 TOTAL: \$500,000

2022 Capital
 \$250,000 Tree Trimming expenses
 \$250,000 Tree Removals
 TOTAL: \$500,000

2023 Capital
 \$250,000 Tree Trimming expenses
 \$250,000 Tree Removals
 TOTAL: \$500,000

Project Comments/Reference

(7129001 closed), 7131021

Version Comments

Council Report #18079 outlines the plan for Forestry moving forward which addresses the backlog workload and how the funding is to be utilized. The report outlines the implementation of an inspection plan and resource requirements to carry out these plans. CR675/2017 addressed that this information be brought forward during the 2018 capital budget deliberation process.

| Project Forecast | | | | Revenue | | Project Detailed Forecast | | | | | | | | | | |
|-----------------------------------|------------------|------------------------------------|--------------|--------------------------------|---|---------------------------|---------|---------|---------|---------|-----------|------------|-----------|-----------|--|--|
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | |
| 2018 | 710,000 | 710,000 | 0 | Expenses | | | | | | | | | | | | |
| 2019 | 500,000 | 500,000 | 0 | 2950 | Other Prof Services-External | | | | | | | | | | | |
| 2020 | 500,000 | 500,000 | 0 | | | 210,000 | 0 | 200,000 | 0 | 0 | 0 | 0 | 0 | 410,000 | | |
| 2021 | 500,000 | 500,000 | 0 | 2980 | Contracted Services | | | | | | | | | | | |
| 2022 | 500,000 | 500,000 | 0 | | | 500,000 | 500,000 | 300,000 | 500,000 | 500,000 | 500,000 | 500,000 | 3,200,000 | 6,000,000 | | |
| 2023 | 500,000 | 500,000 | 0 | | | | | | | | | | | | | |
| 2024+ | 3,200,000 | 3,200,000 | 0 | Total | | 710,000 | 500,000 | 500,000 | 500,000 | 500,000 | 500,000 | 500,000 | 3,200,000 | 6,410,000 | | |
| | 6,410,000 | 6,410,000 | 0 | Revenues | | | | | | | | | | | | |
| | | | | 160 | Capital Expenditure Reserve | | | | | | | | | | | |
| | | | | | | 115,000 | 0 | 53,000 | 500,000 | 0 | 500,000 | 0 | 1,168,000 | | | |
| | | | | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | |
| | | | | | | 595,000 | 500,000 | 447,000 | 0 | 500,000 | 0 | 3,200,000 | 5,242,000 | | | |
| | | | | Total | | 710,000 | 500,000 | 500,000 | 500,000 | 500,000 | 500,000 | 500,000 | 3,200,000 | 6,410,000 | | |
| Historical Approved Budget | | | | Revenue | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | |
| 2012 | 65,000 | 65,000 | 0 | | | | | | | | | | | | | |
| 2013 | 96,250 | 96,250 | 0 | | | | | | | | | | | | | |
| 2014 | 121,250 | 121,250 | 0 | | | | | | | | | | | | | |
| 2015 | 225,000 | 225,000 | 0 | | | | | | | | | | | | | |
| 2016 | 210,000 | 210,000 | 0 | | | | | | | | | | | | | |
| 2017 | 250,000 | 250,000 | 0 | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | Exp/(Rev) | FTE Impact | | | | |
| | | | | 2018-01-01 | Forestry Analyst to assist with tree inventory program. | | | | | | 25,384 | 1 | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | | |
| 2011 | January 1, 2015 | Growth: 0.0 % Maintenance: 100.0 % | Paul Giroux | 2029 | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|---|
| Project # | PFO-001-16 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Horticulture |
| Title | New Greenhouse Complex Construction and Refurbishments | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | Ward 2 | | |
| Version Name | Main (Active) | | |

Project Description

The greenhouse complex consists of 7 heated greenhouses housing over 60,000 specialty type plant material. The greenhouses range in age from 10 years to 90 years with the majority of the glass greenhouses being constructed with wood. These houses have now deteriorated to the point where the structure itself is shifting and the wood is rotting, creating concerns for potential safety issues. The current complex is old technology with vents and glass that have low efficiency and now no longer seal properly allowing heat to escape and promotes condensation. Each greenhouse is heated separately where one large, open space is the industry standard for more energy efficiency and provides cost savings to the corporation.

There are only two toilets for over 50 staff during peak season. The current lunch room cannot accommodate staff requiring them to eat outside and in the greenhouse area, which is contrary to the Health and Safety requirements to provide employees with a lunch room and adequate washroom facilities.

Version Description

This project would allow for the build of a greenhouse 150' x 150' which would be built to current safety and high energy efficient standards. The new complex would offer operational savings to the corporation related to hydro savings with a more energy efficient greenhouse. The greenhouse operation will become increasingly more important to the City Beautification program as the commercial greenhouse industry is trending from flowers to vegetable and medical crop production.

Project Comments/Reference

Business case is currently being developed to review options for new greenhouse location and scope of the project based upon current needs for plant materials storage and growth within City parks.

NEW

Version Comments

The current business case may yield the completion of the project in stages with the design portion being completed in one year and the construction costs being performed in the following year.

As per B34/2018, report S 209/2017, Council approved a pre-commitment of \$150,000 for consulting services in 2020 for the design/build of a new greenhouse complex. Funding made available from a reduction in the commitment of funds from LGL-003-17 - In-camera items.

| Project Forecast | | Revenue | |
|-------------------------|----------------------|----------------------|------------------|
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> |
| 2018 | 0 | 0 | 0 |
| 2019 | 0 | 0 | 0 |
| 2020 | 150,000 | 150,000 | 0 |
| 2021 | 0 | 0 | 0 |
| 2022 | 0 | 0 | 0 |
| 2023 | 0 | 0 | 0 |
| 2024+ | 1,500,000 | 1,500,000 | 0 |
| | 1,650,000 | 1,650,000 | 0 |

| Project Detailed Forecast | | | | | | | | |
|----------------------------------|---------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|
| <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> |
| Expenses | | | | | | | | |
| 5410 | Construction Contracts - TCA | | | | | | | |
| | 0 | 0 | 150,000 | 0 | 0 | 0 | 1,500,000 | 1,650,000 |
| Total | 0 | 0 | 150,000 | 0 | 0 | 0 | 1,500,000 | 1,650,000 |
| Revenues | | | | | | | | |
| 169 | Pay As You Go - Capital Reserve | | | | | | | |
| | 0 | 0 | 150,000 | 0 | 0 | 0 | 1,500,000 | 1,650,000 |
| Total | 0 | 0 | 150,000 | 0 | 0 | 0 | 1,500,000 | 1,650,000 |

Historical Approved Budget

| Related Projects | | | Operating Budget Impact | | | | | | | | | | | | | | |
|------------------|---|----------------------------------|-------------------------|----------------------|---|----------------|-------------|-----------|------------|------------|---|---------|---|---------|---|---|---|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | | | |
| | | | | | <table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>2018-01-01</td> <td>Estimated costs to perform minimal repairs to address future health and safety issue and perform major repair activities.</td> <td>150,000</td> <td>0</td> </tr> <tr> <td>Unknown</td> <td>The current 75 year old structure is a result of add-ons and extensions with what is now 7 areas connected by hallways and doorways. Each of the 7 areas has its own heat source. The new Greenhouse is expected to provide savings to the Corporation in the way of heating and lighting. The current structure is made of wood and glass which often requires unexpected maintenance costs that are not included within the current operating budget.</td> <td>0</td> <td>0</td> </tr> </tbody> </table> | Effective Date | Description | Exp/(Rev) | FTE Impact | 2018-01-01 | Estimated costs to perform minimal repairs to address future health and safety issue and perform major repair activities. | 150,000 | 0 | Unknown | The current 75 year old structure is a result of add-ons and extensions with what is now 7 areas connected by hallways and doorways. Each of the 7 areas has its own heat source. The new Greenhouse is expected to provide savings to the Corporation in the way of heating and lighting. The current structure is made of wood and glass which often requires unexpected maintenance costs that are not included within the current operating budget. | 0 | 0 |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | | | | | | | | | |
| 2018-01-01 | Estimated costs to perform minimal repairs to address future health and safety issue and perform major repair activities. | 150,000 | 0 | | | | | | | | | | | | | | |
| Unknown | The current 75 year old structure is a result of add-ons and extensions with what is now 7 areas connected by hallways and doorways. Each of the 7 areas has its own heat source. The new Greenhouse is expected to provide savings to the Corporation in the way of heating and lighting. The current structure is made of wood and glass which often requires unexpected maintenance costs that are not included within the current operating budget. | 0 | 0 | | | | | | | | | | | | | | |
| 2016 | December 4, 2021 | Growth: 0.0 % Maintenance: 0.0 % | Wanda Letourneau | 2022 | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--------------------------------------|---------------------|---|
| Project # | ECB-002-18 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Development |
| Title | Walking Path - Daytona to California | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | Ward 1 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|---|--|-------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|
| Project Description | | | | Version Description | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | This project will incorporate the installation of a multi-use path north of Pulford Street adjacent to Monseigneur Jean Noël School. This project will be tendered for construction in spring 2018. | | | | | | | | | |
| Consolidate with 7161026 Park Trails Capital Improvements | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| 7161026 | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | |
| 2019 | 75,000 | 75,000 | 0 | | | 0 | 75,000 | 0 | 0 | 0 | 0 | 0 | 75,000 |
| 2020 | 0 | 0 | 0 | Total | | 0 | 75,000 | 0 | 0 | 0 | 0 | 0 | 75,000 |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | 0 | 75,000 | 0 | 0 | 0 | 0 | 0 | 75,000 |
| 2024+ | 0 | 0 | 0 | Total | | 0 | 75,000 | 0 | 0 | 0 | 0 | 0 | 75,000 |
| | 75,000 | 75,000 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | |
| 2018 | March 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | | Mark Friel | | | | | TBD | | | | |



Project Version Summary

| | | | |
|-----------------------|------------------------------|---------------------|---|
| Project # | ECB-004-18 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Development |
| Title | Wigle Park - Phase 2 Funding | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | Ward 3 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|---|---------------------------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | Installation of a basketball/sports court on the east side of Wigle Park in accordance with the approved Master Plan. If approved, this project will be tendered for construction in the Spring of 2018 - \$150,000 Installation of a perimeter walking path and lighting in accordance with the approved Master Plan. The first opportunity to fund and tender this work is in the Spring of 2019 - \$175,000 | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | |
| 7186000 | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | |
| 2019 | 150,000 | 150,000 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 150,000 | 0 | 0 | 0 | 175,000 | 0 | 325,000 | | | | | |
| 2021 | 0 | 0 | 0 | Total | 0 | 150,000 | 0 | 0 | 0 | 175,000 | 0 | 325,000 | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | |
| 2023 | 175,000 | 175,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 150,000 | 0 | 0 | 0 | 175,000 | 0 | 325,000 | | | | | |
| | 325,000 | 325,000 | 0 | Total | 0 | 150,000 | 0 | 0 | 0 | 175,000 | 0 | 325,000 | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | |
| 2018 | March 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | | Mark Friel | | | | | TBD | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|-----------------------------|---------------------|---|
| Project # | ECB-011-18 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Development |
| Title | Stodgell Park Redevelopment | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | Ward 4 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|---------------------|--|---------------------------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|---|---|---------|---|---------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | Installation of an asphalt multi-use trail around the perimeter of the park, accessible parking lot and tree planting. All works will be completed in accordance with the approved Master Plan. The first opportunity to fund and tender this work is in the Spring of 2019. | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | |
| NEW | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 460,000 | 0 | 460,000 | | | | | | | |
| 2021 | 0 | 0 | 0 | | Total | | | | | | | | 0 | 0 | 460,000 | 0 | 460,000 | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | |
| 2023 | 460,000 | 460,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 460,000 | 0 | 460,000 | | | | | | | |
| | 460,000 | 460,000 | 0 | | Total | | | | | | | | 0 | 0 | 460,000 | 0 | 460,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | | Est. Completion Date | | | | | | | | | | | |
| 2018 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | Mark Friel | | | | | TBD | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|-------------------------|---------------------|---|
| Project # | ECB-023-18 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Development |
| Title | Realtor Park - Path | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | Ward 6 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|---|---------------------------------|-------------|-------------|----------------|-----------------------------|-------------|--------------|----------------|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | Installation of an asphalt multi-use path around the perimeter of the park is proposed to connect existing amenities for accessibility and trail related activities. If approved, this project will be tendered for construction in the Spring of 2018. | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| Consolidate with 7171056 Realtor Splash Pad Washroom (Community Park) | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 475,000 | 0 | 0 | 0 | 0 | 475,000 | | | |
| 2020 | 475,000 | 475,000 | 0 | | 0 | 0 | 475,000 | 0 | 0 | 0 | 0 | 475,000 | | | |
| 2021 | 0 | 0 | 0 | | Total | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | 0 | 0 | 475,000 | 0 | 0 | 0 | 0 | 475,000 | | | |
| 2023 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | |
| | | | | | 0 | 0 | 475,000 | 0 | 0 | 0 | 0 | 475,000 | | | |
| | 475,000 | 475,000 | 0 | | Total | 0 | 0 | 475,000 | 0 | 0 | 0 | 475,000 | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | |
| 2018 | March 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | | Mark Friel | | | | | TBD | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|---|
| Project # | ECB-028-18 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Development |
| Title | Improvements to Peche Island and Boat Access | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | Ward 7 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|--|---------------------------------|-------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|
| Project Description | | | | Version Description | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | Allocated funds will be used for dock improvements, signage, trail and pedestrian bridge renovations, shore protection, accessible park amenities and a boat to transport the public to and from the island. | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| 7183012 | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | |
| 2019 | 500,000 | 500,000 | 0 | | 0 | 500,000 | 500,000 | 0 | 0 | 0 | 0 | 0 | 1,000,000 |
| 2020 | 500,000 | 500,000 | 0 | Total | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | 0 | 500,000 | 500,000 | 0 | 0 | 0 | 0 | 0 | 1,000,000 |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 160 | Capital Expenditure Reserve | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 0 | 500,000 | 0 | 0 | 0 | 0 | 0 | 500,000 |
| | 1,000,000 | 1,000,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | |
| | | | | | 0 | 500,000 | 0 | 0 | 0 | 0 | 0 | 0 | 500,000 |
| | | | | Total | | | | | | | | | |
| | | | | | 0 | 500,000 | 500,000 | 0 | 0 | 0 | 0 | 0 | 1,000,000 |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | |
| 2018 | March 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | | Mark Friel | | | | | TBD | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---|
| Project # | ENG-002-14 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Development |
| Title | Festival Plaza Retaining Wall - Design & Construction | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|--|---------------------------------|-------------|-------------|-------------|-----------------------------|-------------|-------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | |
| This project is the continuation of the block retaining wall along the south limits of the new Festival Plaza between Riverside Drive and the Festival Plaza. The current conditions were put in place as a temporary measure due to the poor soil conditions in this area. The temporary design included placing fill material and a means to measure settlement of the fill. The majority of settlement was complete at the end of 2014. Due to funding pressures, it is recommended that this work be scheduled in 2019. | | | | 2019: Design and construction of the block retaining wall - \$1,350,000 | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| NEW | | | | Administration is requesting Council approval for the pre-commitment of \$675,000 in 2019 and \$675,000 in 2020. | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 2951 | INTERNAL Service Salary Allocn | 0 | 130,000 | 0 | 0 | 0 | 0 | 0 | 130,000 |
| 2019 | 675,000 | 675,000 | 0 | 5410 | Construction Contracts - TCA | 0 | 545,000 | 675,000 | 0 | 0 | 0 | 0 | 1,220,000 |
| 2020 | 675,000 | 675,000 | 0 | Total | | | | | | | | | |
| 2021 | 0 | 0 | 0 | 0 675,000 675,000 0 0 0 0 1,350,000 | | | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | 0 | 675,000 | 675,000 | 0 | 0 | 0 | 0 | 1,350,000 |
| 2024+ | 0 | 0 | 0 | Total | | | | | | | | | |
| 1,350,000 | | 1,350,000 | | 0 675,000 675,000 0 0 0 0 1,350,000 | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | No Operating Budget Impact | | | | | | | 0 | 0 |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | |
| 2014 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | | Mike Clement | | | | | 2019 | | | | |



Project Version Summary

| | | | |
|-----------------------|--------------------------------------|---------------------|---|
| Project # | PFO-001-14 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Development |
| Title | Central Riverfront Park Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | Ward 2, Ward 3, Ward 4 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|---|--|--|-------------|-----------------------------|-------------|-------------|-------------|------------------|-------------------|------------|
| Project Description | | | | Version Description | | | | | | | | | | |
| The priorities of this project will be determined by the public consultation and review of the Central Riverfront Implementation Plan 2000 (CRIP). Much of the initial works in this project involve the installation of infrastructure for continued development of the riverfront. Safety items, accommodation of public access and activities for families continue to be a priority. The project will include infrastructure servicing, hard surface paving, an entrance court, landscaping, site furniture, lighting, fencing, seating, access stairs and ramps. | | | | 2019: Dieppe Park riverwalk restoration - \$600,000 Festival Plaza paving, lighting, & perimeter fence - \$2,000,000 Celestial Beacon design - \$400,000 2020: Recreationway lights & way-finding signage - \$500,000 2021+: Segment 7 - Family Recreation - Glengarry to Parent \$2,450,000 & on-going improvements in line with the CRIP \$9,500,000 | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7161075 - Dieppe Park Walkway Restoration | | | | As per CR498/2016 Council approved a \$500,000 pre-commitment in principle for the Dieppe Park Riverfront Walkway (Canada 150 Community Infrastructure Program), and a \$100,000 pre-commitment for the Dieppe Park Riverfront Walkway Restoration in 2019, per CR738/2016. On Dec. 18th, 2017, CR773/2017, Report S 204/2017 approved a pre-commitment of funds in the amount of \$685,114 (\$500,000 in 2020 and \$185,114 in 2021) for lighting, benches and garbage receptacles in Dieppe Park along the Riverfront walkway. | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | |
| 2019 | 3,000,000 | 3,000,000 | 0 | | | 0 | 3,000,000 | 500,000 | 2,450,000 | 1,000,000 | 1,000,000 | 7,500,000 | 15,450,000 | |
| 2020 | 500,000 | 500,000 | 0 | | | | | | | | | | | |
| 2021 | 2,450,000 | 2,450,000 | 0 | | | | | | | | | | | |
| 2022 | 1,000,000 | 1,000,000 | 0 | | | | | | | | | | | |
| 2023 | 1,000,000 | 1,000,000 | 0 | | | | | | | | | | | |
| 2024+ | 7,500,000 | 7,500,000 | 0 | | | | | | | | | | | |
| | 15,450,000 | 15,450,000 | 0 | Revenues | | | | | | | | | | |
| | | | | 169 Pay As You Go - Capital Reserve | | | | | | | | | | |
| | | | | | | 0 | 3,000,000 | 500,000 | 2,450,000 | 1,000,000 | 1,000,000 | 7,500,000 | 15,450,000 | |
| | | | | | | | | | | | | | | |
| | | | | | | Total | 0 | 3,000,000 | 500,000 | 2,450,000 | 1,000,000 | 1,000,000 | 7,500,000 | 15,450,000 |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| Related Projects | | | | Effective Date | | Description | | | | | | Exp/(Rev) | FTE Impact | |
| | | | | Unknown | | By adding amenities and infrastructure in accordance with the Central Riverfront Implementation Plan (C.R.I.P.) the Operating Budget faces impact. Where additional landscaping and floral displays are prominent the workload and budget pressures are significant. Amenities such as lighting, site furniture, seating and signage add to the maintenance costs of the Operating Department. | | | | | | 0 | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | |
| 2014 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | | Mike Clement | | | | 2020+ | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--------------------------|---------------------|---|
| Project # | PFO-001-17 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Development |
| Title | Adult Exercise Equipment | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | Ward 9 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|-------------------------------------|---|-------------|-------------|-------------|-----------------------------|-------------|-------------|------------------|-------------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| To install adult exercise equipment in various park locations. | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| NEW | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | 0 | 0 | 0 | 50,000 | 0 | 0 | 0 | 50,000 | | |
| 2020 | 0 | 0 | 0 | Total | | 0 | 0 | 0 | 50,000 | 0 | 0 | 0 | 50,000 | | |
| 2021 | 50,000 | 50,000 | 0 | Revenues | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | 0 | 0 | 0 | 50,000 | 0 | 0 | 0 | 50,000 | | |
| 2024+ | 0 | 0 | 0 | Total | | 0 | 0 | 0 | 50,000 | 0 | 0 | 0 | 50,000 | | |
| | 50,000 | 50,000 | 0 | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | | |
| | | | | Unknown | Adult Exercise Equipment have a financial impact on the Operating budget. Replacement parts and repairs will be necessary over the lifespan of the equipment. | | | | | | | 0 | 0 | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | |
| 2017 | May 3, 2021 | Growth: 0.0 % Maintenance: 0.0 % | | Mike Clement | | | | | 2021 | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---------------------------------|---------------------|---|
| Project # | PFO-002-15 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Development |
| Title | Playgrounds Replacement Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | |
|--|----------------------|------------------------------------|------------------|---|--|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|------------------|-------------------|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | |
| As per the 2014 Enhanced Capital Plan, Council approved in principle funds from the 2018 Debt Reduction Levy for accessible playgrounds citywide. City Council also approved the audit of existing playground equipment in Report #15932 for the removal of non compliant playground equipment on March 28, 2012 as per Council Resolution CR129/2012. This project will capture of the costs of the playground replacement program as a result of the independent audit, compliance with CSA guidelines and AODA standards. | | | | There is a listing to be included with Council report 142/2017 that will highlight the prioritization of playgrounds which will be replaced based upon condition and inspections reports. The report also identifies an annual funding requirement for playground replacements over the next 20 years of \$1.5 to \$2M. | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | |
| 7145009 This Project should reference 7171090 Playground Replacement Program as 7145009 references Accessible Playgrounds Enhanced Project. | | | | As per CR89/2014, Report #17088, Council formerly approved the Accessible Playgrounds project. Council Report #18001, dated Dec. 21, 2015 outlined the annual budget requirements to sustain a successful Accessible Playground replacement program. Council committed to 125 Accessible Playground units city-wide. As per CR539/2017, Report C 142/2017, Council pre-committed on Sept. 5th/17, \$654,172 in 2018, \$350,000 in 2019 and \$1,500,000 in 2021. | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | |
| 2018 | 2,654,172 | 2,654,172 | 0 | Expenses | | | | | | | | | | | | | | | |
| 2019 | 350,000 | 350,000 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | 2,654,172 350,000 0 1,500,000 1,000,000 1,000,000 13,000,000 19,504,172 | | | | | | | | | | | | | | | |
| 2021 | 1,500,000 | 1,500,000 | 0 | Total 2,654,172 350,000 0 1,500,000 1,000,000 1,000,000 13,000,000 19,504,172 | | | | | | | | | | | | | | | |
| 2022 | 1,000,000 | 1,000,000 | 0 | Revenues | | | | | | | | | | | | | | | |
| 2023 | 1,000,000 | 1,000,000 | 0 | 160 Capital Expenditure Reserve | | | | | | | | | | | | | | | |
| 2024+ | 13,000,000 | 13,000,000 | 0 | 0 69,000 0 0 0 0 0 69,000 | | | | | | | | | | | | | | | |
| | 19,504,172 | 19,504,172 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | |
| | | | | 2,654,172 281,000 0 1,500,000 1,000,000 1,000,000 13,000,000 19,435,172 | | | | | | | | | | | | | | | |
| | | | | Total 2,654,172 350,000 0 1,500,000 1,000,000 1,000,000 13,000,000 19,504,172 | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | | | | Exp/(Rev) | FTE Impact | | | |
| | | | | 2018-01-01 | Dedicated staff responsible for playground maintenance and inspections to ensure compliance with CSA guidelines. | | | | | | | | | | 173,742 | 3 | | | |
| | | | | 2018-01-01 | Dedicated supervision for playground inspection procedures and compliance with internal playground inspection policies | | | | | | | | | | 82,426 | 1 | | | |
| | | | | 2018-01-01 | Dedicated trucking costs for playground inspection and maintenance staff | | | | | | | | | | 56,543 | 0 | | | |
| | | | | 2018-01-01 | Telephone costs for playground inspectors for immediate notification of compliance violations and safety issues. | | | | | | | | | | 600 | 0 | | | |
| | | | | 2018-01-01 | Clothing costs for dedicated inspection and maintenance costs. | | | | | | | | | | 250 | 0 | | | |
| | | | | 2018-01-01 | Fringe costs for staffing dedicated to playground inspection and maintenance activities | | | | | | | | | | 84,535 | 0 | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | | | |
| 2014 | October 1, 2014 | Growth: 0.0 % Maintenance: 100.0 % | | Mike Clement | | | | | 2024+ | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|---|
| Project # | PFO-002-16 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Development |
| Title | Realtor Park Splash Pad/Washroom Placeholder | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | Ward 6 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | |
|---|----------------------|----------------------------------|--|---|-------------|-----------------------------|-------------|-------------|-------------|------------------|-------------------|
| Project Description | | | Version Description | | | | | | | | |
| In accordance with B68-2015, Council approved the "Proposed 2016 Enhanced Capital Budget" in the form of placeholder allocations in the budget with reports to BE PREPARED for Council's consideration. | | | This project consists of design, tendering and installation of a splash pad at Realtor Park and renovation/addition to the existing washroom/storage building. The planning phase commenced in the Spring of 2016. Renovations to the existing washroom will be undertaken in the Summer of 2017. The splash pad has been tendered with a completion date by the Fall of 2017. | | | | | | | | |
| Project Comments/Reference | | | Version Comments | | | | | | | | |
| 7171056 | | | In accordance with B68-2015, Council approved the "Proposed 2016 Enhanced Capital Budget" in the form of placeholder allocations in the budget with reports to BE PREPARED for Council's consideration. CR90/2017, Report C 214/2017 approved a pre-commitment in 2020 for \$500,000. | | | | | | | | |
| Project Forecast | | | Project Detailed Forecast | | | | | | | | |
| | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | |
| 2020 | 500,000 | 500,000 | 0 | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | |
| | 500,000 | 500,000 | 0 | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | |
| Related Projects | | | Operating Budget Impact | | | | | | | | |
| | | | Effective Date | Description | | | | | | Exp/(Rev) | FTE Impact |
| | | | Unknown | The commissioning of new park amenities results in pressures on the maintenance and operating budget. | | | | | | 0 | 0 |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | Est. Completion Date | | | | | |
| 2016 | April 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | Mike Clement | | | June 2018 | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---|
| Project # | PFO-003-15 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Development |
| Title | Central Riverfront Implementation Plan (C.R.I.P.) Placeholder | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | Ward 2, Ward 3, Ward 4 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | |
|---|----------------------|------------------------------------|------------------|--|-------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|--|--|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | |
| As per the 2014 Enhanced Capital Plan, Council approved in principle funds from the 2018 Debt Reduction Levy for the Central Riverfront Implementation Plan (C.R.I.P.). | | | | | | | | | | | | | | | | | | | |
| A detailed report will come forward to Council identifying specifically what the placeholder funds will be used for. Project descriptions will be updated at that time. To date CR203/2014, R#17278 approved \$40k for a report on what is needed to complete the festival stage, plaza and walkway. CR30/2015 R#17550 approved \$25k for the flag pole at Dieppe Park. | | | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | |
| 7152005: Festival Plaza Study; 7152006: Great Canadian Flag; 7132015: CRIP Trail/Pedestrian Tunnel; 7172014: Rotary Centennial Plaza | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | |
| 2018 | 1,990,000 | 1,990,000 | 0 | Expenses | | | | | | | | | | | | | | | |
| 2019 | 310,000 | 310,000 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | 1,990,000 310,000 0 0 0 0 1,690,000 3,990,000 | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | Total 1,990,000 310,000 0 0 0 0 1,690,000 3,990,000 | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | |
| 2024+ | 1,690,000 | 1,690,000 | 0 | 1,990,000 310,000 0 0 0 0 1,690,000 3,990,000 | | | | | | | | | | | | | | | |
| | 3,990,000 | 3,990,000 | 0 | Total 1,990,000 310,000 0 0 0 0 1,690,000 3,990,000 | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | |
| | | | | Effective Date Description Exp/(Rev) FTE Impact | | | | | | | | | | | | | | | |
| | | | | Unknown No operating budget impact. 0 0 | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | | | | | |
| 2014 | January 1, 2018 | Growth: 0.0 % Maintenance: 100.0 % | | Mike Clement | | | | 2018 | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|------------------------------------|---------------------|---|
| Project # | PFO-003-18 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Development |
| Title | Fred Thomas Splash Pad (Glengarry) | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | Ward 3 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|---------------------|--|---------------------------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|---------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| Council Resolution B54/2017 approved \$300,000 to be charged to 2020 Pay as You Go funding for work planned for the Fred Thomas Splash Pad along Glengarry Avenue. | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| NEW | | | | Originally approved funding in 2017 for this project was reallocated to fund the Arts Endowment project. | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 300,000 | 0 | 0 | 0 | 0 | 300,000 | | | |
| 2020 | 300,000 | 300,000 | 0 | | <hr/> | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | Total | 0 | 0 | 300,000 | 0 | 0 | 0 | 0 | 300,000 | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 0 | 300,000 | 0 | 0 | 0 | 0 | 300,000 | | | |
| | 300,000 | 300,000 | 0 | | <hr/> | | | | | | | | | | |
| | | | | | Total | 0 | 0 | 300,000 | 0 | 0 | 0 | 0 | 300,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | | Est. Completion Date | | | | | | | |
| 2018 | January 15, 2020 | Growth: 0.0 % Maintenance: 0.0 % | Mike Clement | | | | | December 2020 | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|---|
| Project # | PFO-004-17 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Development |
| Title | Forest Glade Basketball Court Renovation | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | Ward 7 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|---|---------------------------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | |
| As per the approved 2017 enhanced Capital Budget 5-year plan. | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | |
| 7171076 | | | | Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan. | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 200,000 | 0 | 0 | 0 | 200,000 | | | | | |
| 2021 | 200,000 | 200,000 | 0 | Total | 0 | 0 | 0 | 200,000 | 0 | 0 | 0 | 200,000 | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 0 | 0 | 200,000 | 0 | 0 | 0 | 200,000 | | | | | |
| | 200,000 | 200,000 | 0 | Total | 0 | 0 | 0 | 200,000 | 0 | 0 | 0 | 200,000 | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | |
| 2017 | January 23, 2021 | Growth: 0.0 % Maintenance: 0.0 % | | Mike Clement | | | | | 2021 | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--------------------------------------|---------------------|---|
| Project # | PFO-004-18 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Development |
| Title | Riverfront Trail - Pedestrian Tunnel | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|---|--|-------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|
| Project Description | | | | Version Description | | | | | | | | | |
| As per the 2013 enhanced capital placeholder. The funding balance of the \$1,400,000 placeholder (i.e. \$1,172,000) is set aside in the year 2020. | | | | As per a pending report to Council on the Arts Endowment 2017 placeholder, the funding set aside in 2021 is to repay the amount being drawn from project 7132015. | | | | | | | | | |
| As per the 2014 enhanced capital placeholder. The funding balance of the \$2,000,000 placeholder (i.e. \$519,000) is set aside in the year 2020. | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| 7132015 | | | | As per B54/2017, \$1,690,000 was approved to be charged to 2020 Pay as You Go funding. Originally approved funding in 2017 for this project was reallocated to fund the Arts Endowment project. | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | 0 | 0 | 1,691,000 | 750,000 | 0 | 0 | 0 | 2,441,000 |
| 2020 | 1,691,000 | 1,691,000 | 0 | Total | | 0 | 0 | 1,691,000 | 750,000 | 0 | 0 | 0 | 2,441,000 |
| 2021 | 750,000 | 750,000 | 0 | Revenues | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | 0 | 0 | 1,691,000 | 750,000 | 0 | 0 | 0 | 2,441,000 |
| 2024+ | 0 | 0 | 0 | Total | | 0 | 0 | 1,691,000 | 750,000 | 0 | 0 | 0 | 2,441,000 |
| | 2,441,000 | 2,441,000 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | |
| 2018 | January 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | | Mike Clement | | | | | 2020 | | | | |



Project Version Summary

| | | | |
|-----------------------|----------------------------|---------------------|---|
| Project # | PFO-005-12 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Development |
| Title | Regional Parks Initiatives | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | |
|----------------------------|---|----------------------------|---|
| Project Description | Regional parks benefit the entire community, surrounding communities, tourist and visitors to Windsor. Projects undertaken focus on park redevelopment and improving major park amenities. There are 33 regional parks in the park system that account for 42% of the total area of parkland. The regional parks include riverfront parks, sports parks, horticultural displays and heritage parks. | Version Description | 2018: Mic Mac washrooms \$500,000 2019: Jackson Park design, plan & construction documents \$150,000 2021: Jackson Park Sunken Garden washrooms & maintenance bldg. \$950,000 |
|----------------------------|---|----------------------------|---|

| | | | |
|-----------------------------------|---|-------------------------|---|
| Project Comments/Reference | 7129002/7151013/7161024/7171023/7171065 | Version Comments | As per CR211/2018, City Council approved a pre-commitment of \$150,000 in 2019 and \$950,000 in 2021. |
|-----------------------------------|---|-------------------------|---|

| Project Forecast | | Revenue | |
|------------------|------------------|------------------|-----------|
| Year | Total Expense | Net City Cost | Subsidies |
| 2018 | 500,000 | 500,000 | 0 |
| 2019 | 150,000 | 150,000 | 0 |
| 2020 | 0 | 0 | 0 |
| 2021 | 950,000 | 950,000 | 0 |
| 2022 | 0 | 0 | 0 |
| 2023 | 0 | 0 | 0 |
| 2024+ | 0 | 0 | 0 |
| | 1,600,000 | 1,600,000 | 0 |

| Project Detailed Forecast | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
|---------------------------|----------------------------------|----------------|----------------|----------|----------------|----------|----------|----------|------------------|
| Expenses | | | | | | | | | |
| 5410 | Construction Contracts - TCA | | | | | | | | |
| | | 500,000 | 150,000 | 0 | 950,000 | 0 | 0 | 0 | 1,600,000 |
| | Total | 500,000 | 150,000 | 0 | 950,000 | 0 | 0 | 0 | 1,600,000 |
| Revenues | | | | | | | | | |
| 151 | Land Acquisitions - O/T Highways | | | | | | | | |
| | | 0 | 0 | 0 | 750,000 | 0 | 0 | 0 | 750,000 |
| 160 | Capital Expenditure Reserve | | | | | | | | |
| | | 0 | 150,000 | 0 | 0 | 0 | 0 | 0 | 150,000 |
| 169 | Pay As You Go - Capital Reserve | | | | | | | | |
| | | 500,000 | 0 | 0 | 200,000 | 0 | 0 | 0 | 700,000 |
| | Total | 500,000 | 150,000 | 0 | 950,000 | 0 | 0 | 0 | 1,600,000 |

| Historical Approved Budget | | Revenue | |
|----------------------------|---------------|---------------|-----------|
| Year | Total Expense | Net City Cost | Subsidies |
| 2012 | 585,000 | 585,000 | 0 |
| 2013 | 336,379 | 174,750 | 161,629 |
| 2014 | 510,000 | 510,000 | 0 |
| 2015 | 831,000 | 831,000 | 0 |
| 2016 | 220,000 | 220,000 | 0 |
| 2017 | 500,000 | 500,000 | 0 |

| | | | |
|-------------------------|--|------------------|-------------------|
| Related Projects | Operating Budget Impact | Exp/(Rev) | FTE Impact |
| | Effective Date Description | | |
| | Unknown | 0 | 0 |

| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date |
|-----------------|-----------------|------------------------------------|--------------|----------------------|
| 2012 | January 1, 2015 | Growth: 0.0 % Maintenance: 100.0 % | Mike Clement | Ongoing |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---|
| Project # | PFO-005-17 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Development |
| Title | Reaume Park Lights for Afghanistan Memorial | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | Ward 6 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|---------------------|---|-------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | |
| As per the approved 2017 enhanced Capital Budget 5-year plan. | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | |
| 7171075 | | | | Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan. | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | 0 0 0 5,000 0 0 0 5,000 | | | | | | | | | | | | | |
| 2021 | 5,000 | 5,000 | 0 | Total 0 0 0 5,000 0 0 0 5,000 | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | 0 0 0 5,000 0 0 0 5,000 | | | | | | | | | | | | | |
| | 5,000 | 5,000 | 0 | Total 0 0 0 5,000 0 0 0 5,000 | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | | Est. Completion Date | | | | | | | | | |
| 2017 | January 23, 2021 | Growth: 0.0 % Maintenance: 0.0 % | Mike Clement | | | | | 2021 | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--------------------------------|---------------------|---|
| Project # | PFO-005-18 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Development |
| Title | Shorewall Capital Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | Ward 3, Ward 7 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|---------------------|---|--|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|
| Project Description | | | | Version Description | | | | | | | | | |
| This capital program is for the repair/refurbishment/replacement of shorewalls along the riverfront. | | | | Shorewalls that have been identified: Central Riverfront (Church to Janette) - \$500,000 Central Riverfront (Moy to Lincoln) - \$150,000 Sandpoint Beach | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| NEW | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | 0 | 0 | 0 | 231,500 | 418,500 | 0 | 9,100,000 | 9,750,000 |
| 2020 | 0 | 0 | 0 | Total | | 0 | 0 | 0 | 231,500 | 418,500 | 0 | 9,100,000 | 9,750,000 |
| 2021 | 231,500 | 231,500 | 0 | Revenues | | | | | | | | | |
| 2022 | 418,500 | 418,500 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | 0 | 0 | 0 | 231,500 | 418,500 | 0 | 9,100,000 | 9,750,000 |
| 2024+ | 9,100,000 | 9,100,000 | 0 | Total | | 0 | 0 | 0 | 231,500 | 418,500 | 0 | 9,100,000 | 9,750,000 |
| | 9,750,000 | 9,750,000 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | |
| 2018 | May 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | Mike Clement | Ongoing | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|-----------------------------|---------------------|---|
| Project # | PFO-006-12 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Development |
| Title | Community Parks Initiatives | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | |
|---|--|
| Project Description | Version Description |
| Community parks vary in size and are designed to service a diverse population and provide opportunities for all types of recreation, social and cultural activities. Community parks have more amenities than neighbourhood parks and can include large sport fields, splash pads, community centres, large playground areas, sport courts, picnic shelters and other park amenities. Projects undertaken will focus on improving major park amenities. | 2019: Bridgeview Path Shelter Lights Park Redevelopment - \$500,000 2020: MacDonald Park Improvements - \$500,000 2021: Splash Pad with Washroom Facilities at Forest Glade Community Centre - \$250,000 2022: Splash Pad with Washroom Facilities at Forest Glade Community Centre - \$250,000 |

| | |
|-----------------------------------|-------------------------|
| Project Comments/Reference | Version Comments |
| 7129011/7151014/7171024 | |

| Project Forecast | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----------------------------------|------------------|----------------|----------------|----------------|---------------|---------------|------------------|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|------|---|---|---|-------|---|---|---|--|------------------|------------------|----------|--|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-----------------------------------|---|---------|---------|---------|---------|---|---|-----------|--------------|----------|----------------|----------------|----------------|----------------|----------|----------|------------------|-----------------|--|--|--|--|--|--|--|--|--------------------------------------|---|---|---------|---------|---------|---|---|-----------|-------------------------------------|---|---------|---|---|---|---|---|---------|--------------|----------|----------------|----------------|----------------|----------------|----------|----------|------------------|
| <table border="1" style="width: 100%;"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2019</td><td>500,000</td><td>500,000</td><td>0</td></tr> <tr><td>2020</td><td>500,000</td><td>500,000</td><td>0</td></tr> <tr><td>2021</td><td>250,000</td><td>250,000</td><td>0</td></tr> <tr><td>2022</td><td>250,000</td><td>250,000</td><td>0</td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2024+</td><td>0</td><td>0</td><td>0</td></tr> <tr><td></td><td>1,500,000</td><td>1,500,000</td><td>0</td></tr> </tbody> </table> | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2018 | 0 | 0 | 0 | 2019 | 500,000 | 500,000 | 0 | 2020 | 500,000 | 500,000 | 0 | 2021 | 250,000 | 250,000 | 0 | 2022 | 250,000 | 250,000 | 0 | 2023 | 0 | 0 | 0 | 2024+ | 0 | 0 | 0 | | 1,500,000 | 1,500,000 | 0 | <table border="1" style="width: 100%;"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td>0</td> <td>500,000</td> <td>500,000</td> <td>250,000</td> <td>250,000</td> <td>0</td> <td>0</td> <td>1,500,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>500,000</td> <td>500,000</td> <td>250,000</td> <td>250,000</td> <td>0</td> <td>0</td> <td>1,500,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>151 Land Acquisitions - O/T Highways</td> <td>0</td> <td>0</td> <td>500,000</td> <td>250,000</td> <td>250,000</td> <td>0</td> <td>0</td> <td>1,000,000</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td>0</td> <td>500,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>500,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>500,000</td> <td>500,000</td> <td>250,000</td> <td>250,000</td> <td>0</td> <td>0</td> <td>1,500,000</td> </tr> </tbody> </table> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5410 Construction Contracts - TCA | 0 | 500,000 | 500,000 | 250,000 | 250,000 | 0 | 0 | 1,500,000 | Total | 0 | 500,000 | 500,000 | 250,000 | 250,000 | 0 | 0 | 1,500,000 | Revenues | | | | | | | | | 151 Land Acquisitions - O/T Highways | 0 | 0 | 500,000 | 250,000 | 250,000 | 0 | 0 | 1,000,000 | 169 Pay As You Go - Capital Reserve | 0 | 500,000 | 0 | 0 | 0 | 0 | 0 | 500,000 | Total | 0 | 500,000 | 500,000 | 250,000 | 250,000 | 0 | 0 | 1,500,000 |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 500,000 | 500,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 500,000 | 500,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 250,000 | 250,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 250,000 | 250,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1,500,000 | 1,500,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5410 Construction Contracts - TCA | 0 | 500,000 | 500,000 | 250,000 | 250,000 | 0 | 0 | 1,500,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 500,000 | 500,000 | 250,000 | 250,000 | 0 | 0 | 1,500,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 151 Land Acquisitions - O/T Highways | 0 | 0 | 500,000 | 250,000 | 250,000 | 0 | 0 | 1,000,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | 0 | 500,000 | 0 | 0 | 0 | 0 | 0 | 500,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 500,000 | 500,000 | 250,000 | 250,000 | 0 | 0 | 1,500,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%;"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2013</td><td>450,000</td><td>450,000</td><td>0</td></tr> <tr><td>2014</td><td>751,282</td><td>751,282</td><td>0</td></tr> <tr><td>2015</td><td>750,000</td><td>750,000</td><td>0</td></tr> <tr><td>2016</td><td>577,000</td><td>577,000</td><td>0</td></tr> <tr><td>2017</td><td>250,000</td><td>250,000</td><td>0</td></tr> </tbody> </table> | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2013 | 450,000 | 450,000 | 0 | 2014 | 751,282 | 751,282 | 0 | 2015 | 750,000 | 750,000 | 0 | 2016 | 577,000 | 577,000 | 0 | 2017 | 250,000 | 250,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2013 | 450,000 | 450,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2014 | 751,282 | 751,282 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2015 | 750,000 | 750,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2016 | 577,000 | 577,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2017 | 250,000 | 250,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Related Projects | Operating Budget Impact | | | | | | | | |
|-------------------------|---|----------------|-------------|-----------|------------|---------|--|---|---|
| | <table border="1" style="width: 100%;"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>Accessible Playgrounds have a financial impact on the Operating Budget. Replacement parts and repairs are more costly than traditional playground equipment.</td> <td>0</td> <td>0</td> </tr> </tbody> </table> | Effective Date | Description | Exp/(Rev) | FTE Impact | Unknown | Accessible Playgrounds have a financial impact on the Operating Budget. Replacement parts and repairs are more costly than traditional playground equipment. | 0 | 0 |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | |
| Unknown | Accessible Playgrounds have a financial impact on the Operating Budget. Replacement parts and repairs are more costly than traditional playground equipment. | 0 | 0 | | | | | | |

| | | | | |
|------------------------|-------------------|----------------------------------|---------------------|-----------------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date |
| 2012 | January 1, 2015 | Growth: 0.0 % Maintenance: 0.0 % | Mike Clement | Ongoing |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|---|
| Project # | PFO-006-17 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Development |
| Title | Realtor Park - Tennis Court Enhancements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | Ward 6 | | |
| Version Name | Main (Active) | | |

| Project Description | | Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan. | | Version Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|-------------------|---|---------------------|--------------------------------|------|---|-------|--------|---------------|---------------|-----------|------|---|---|---|------|---|---|---|------|---|---|---|------|--------|--------|---|------|---|---|---|------|---|---|---|-------|---|---|---|--|---------------|---------------|----------|----------------------------------|--|--|--|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-----------------------------------|--|--|--|--------|---|---|---|--------|-------|---|---|---|--------|---|---|---|--------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|--|--|--|--------|---|---|---|--------|-------|---|---|---|--------|---|---|---|--------|
| Project Comments/Reference | | 7171073 | | Version Comments | | Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2019</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2020</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2021</td><td>75,000</td><td>75,000</td><td>0</td></tr> <tr><td>2022</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2024+</td><td>0</td><td>0</td><td>0</td></tr> <tr><td></td><td>75,000</td><td>75,000</td><td>0</td></tr> </tbody> </table> | | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2018 | 0 | 0 | 0 | 2019 | 0 | 0 | 0 | 2020 | 0 | 0 | 0 | 2021 | 75,000 | 75,000 | 0 | 2022 | 0 | 0 | 0 | 2023 | 0 | 0 | 0 | 2024+ | 0 | 0 | 0 | | 75,000 | 75,000 | 0 | Project Detailed Forecast | | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td></td> <td></td> <td></td> <td>75,000</td> <td>0</td> <td>0</td> <td>0</td> <td>75,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>75,000</td> <td>0</td> <td>0</td> <td>0</td> <td>75,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td></td> <td></td> <td></td> <td>75,000</td> <td>0</td> <td>0</td> <td>0</td> <td>75,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>75,000</td> <td>0</td> <td>0</td> <td>0</td> <td>75,000</td> </tr> </tbody> </table> | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5410 Construction Contracts - TCA | | | | 75,000 | 0 | 0 | 0 | 75,000 | Total | 0 | 0 | 0 | 75,000 | 0 | 0 | 0 | 75,000 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | | | | 75,000 | 0 | 0 | 0 | 75,000 | Total | 0 | 0 | 0 | 75,000 | 0 | 0 | 0 | 75,000 |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 75,000 | 75,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 75,000 | 75,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5410 Construction Contracts - TCA | | | | 75,000 | 0 | 0 | 0 | 75,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 75,000 | 0 | 0 | 0 | 75,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | | | | 75,000 | 0 | 0 | 0 | 75,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 75,000 | 0 | 0 | 0 | 75,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2017 | January 23, 2021 | Growth: 0.0 % Maintenance: 0.0 % | Mike Clement | 2021 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|-------------------------------------|---------------------|---|
| Project # | PFO-007-12 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Development |
| Title | Neighbourhood Parks Initiatives | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | City Wide | | |
| Version Name | Main - Neighbourhood Parks (Active) | | |

| | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|--|--------------------|----------------|----------------|-----------------------------|-------------|-------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | |
| Neighbourhood parks are smaller in scale and are designed to compliment and contribute to the character of their neighbourhoods including more passive recreational amenities. Projects undertaken under neighbourhood parks will focus on complete redevelopment of the entire park. Typically, the City will focus on those parks that are deemed to be out of date, lack resources and do not attract users. Redevelopment improvements include, but are not limited to, improved landscaping, pathway development and demolition/renovation of outdated park amenities. There are 142 neighbourhood parks that consist of 158 hectares or 10% of the open space system. | | | | 2019: Mitchell Park finish improvements - \$300,000; Kennedy Park improvements - \$200,000 2020: Bruce Avenue Park Improvements - \$500,000; Mitchell Park Security Upgrades - \$10,000 2021: Leaffield - \$250,000 | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | |
| Closed: 7129003 Open: 7151015/7161025/7171025 | | | | As per CR248/2016, Report #18177, \$550,000 approved as a pre-commitment for the redevelopment of Mitchell Park - \$250,000 from 2017 and \$300,000 from 2019. As per B54/2017, \$10,000 approved to be charged to 2020 Pay as You Go funding. Originally approved funding in 2017 for this project was reallocated to fund the Arts Endowment project. | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | |
| 2019 | 500,000 | 500,000 | 0 | | 0 | 500,000 | 510,000 | 250,000 | 0 | 0 | 0 | 1,260,000 |
| 2020 | 510,000 | 510,000 | 0 | Total | 0 | 500,000 | 510,000 | 250,000 | 0 | 0 | 0 | 1,260,000 |
| 2021 | 250,000 | 250,000 | 0 | Revenues | | | | | | | | |
| 2022 | 0 | 0 | 0 | 151 Land Acquisitions - O/T Highways | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 0 | 500,000 | 250,000 | 0 | 0 | 0 | 750,000 |
| 2024+ | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | 0 | 0 | 0 | 0 | 510,000 |
| | 1,260,000 | 1,260,000 | 0 | Total | 0 | 500,000 | 510,000 | 250,000 | 0 | 0 | 0 | 1,260,000 |
| Historical Approved Budget | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | |
| 2012 | 70,000 | 70,000 | 0 | | | | | | | | | |
| 2014 | 300,000 | 300,000 | 0 | | | | | | | | | |
| 2015 | 340,500 | 340,500 | 0 | | | | | | | | | |
| 2016 | 250,000 | 250,000 | 0 | | | | | | | | | |
| 2017 | 250,000 | 250,000 | 0 | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | |
| | | | | Effective Date | Description | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | | | | | | | 0 | 0 |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | |
| 2012 | January 1, 2015 | Growth: 0.0 % Maintenance: 0.0 % | | Mike Clement | | | | Ongoing | | | | |



Project Version Summary

| | | | |
|-----------------------|----------------------------|---------------------|---|
| Project # | PFO-007-17 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Development |
| Title | Washroom at Alexander Park | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | Ward 5 | | |
| Version Name | Main (Active) | | |

| Project Description | | Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan. | | Version Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|-------------------|---|---------------------|--------------------------------|------|---|-------|---------|---------------|---------------|-----------|------|---|---|---|------|---|---|---|------|---|---|---|------|---------|---------|---|------|---|---|---|------|---|---|---|-------|---|---|---|--|----------------|----------------|----------|----------------------------------|--|--|--|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-----------------------------------|--|--|--|--|--|--|--|--|--|---|---|---|---------|---|---|---|---------|-------|---|---|---|---------|---|---|---|---------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|--|--|--|--|--|--|--|--|--|---|---|---|---------|---|---|---|---------|-------|---|---|---|---------|---|---|---|---------|
| Project Comments/Reference | | 7171070 | | Version Comments | | Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2019</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2020</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2021</td><td>250,000</td><td>250,000</td><td>0</td></tr> <tr><td>2022</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2024+</td><td>0</td><td>0</td><td>0</td></tr> <tr><td></td><td>250,000</td><td>250,000</td><td>0</td></tr> </tbody> </table> | | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2018 | 0 | 0 | 0 | 2019 | 0 | 0 | 0 | 2020 | 0 | 0 | 0 | 2021 | 250,000 | 250,000 | 0 | 2022 | 0 | 0 | 0 | 2023 | 0 | 0 | 0 | 2024+ | 0 | 0 | 0 | | 250,000 | 250,000 | 0 | Project Detailed Forecast | | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td> <td>0</td><td>0</td><td>0</td><td>250,000</td><td>0</td><td>0</td><td>0</td><td>250,000</td> </tr> <tr> <td>Total</td> <td>0</td><td>0</td><td>0</td><td>250,000</td><td>0</td><td>0</td><td>0</td><td>250,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td> <td>0</td><td>0</td><td>0</td><td>250,000</td><td>0</td><td>0</td><td>0</td><td>250,000</td> </tr> <tr> <td>Total</td> <td>0</td><td>0</td><td>0</td><td>250,000</td><td>0</td><td>0</td><td>0</td><td>250,000</td> </tr> </tbody> </table> | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5410 Construction Contracts - TCA | | | | | | | | | | 0 | 0 | 0 | 250,000 | 0 | 0 | 0 | 250,000 | Total | 0 | 0 | 0 | 250,000 | 0 | 0 | 0 | 250,000 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | | | | | | | | | | 0 | 0 | 0 | 250,000 | 0 | 0 | 0 | 250,000 | Total | 0 | 0 | 0 | 250,000 | 0 | 0 | 0 | 250,000 |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 250,000 | 250,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 250,000 | 250,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 0 | 250,000 | 0 | 0 | 0 | 250,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 250,000 | 0 | 0 | 0 | 250,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 0 | 250,000 | 0 | 0 | 0 | 250,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 250,000 | 0 | 0 | 0 | 250,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2017 | January 23, 2021 | Growth: 0.0 % Maintenance: 0.0 % | Mike Clement | 2021 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Project Version Summary

Project # PFO-008-12 **Service Area** Office of Parks, Rec., Culture & Facilities
Budget Year 2018 **Department** Parks & Facilities
Asset Type Unassigned **Division** Parks Development

Title New Park Design/Development/Construction
Budget Status Council Approved Budget
Major Category Parks & Recreation
Wards City Wide
Version Name Main (Active)

| | | | | | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|---|--|-------------|-------------|-----------------------------|-------------|-------------|--------------|------------------|-------------------|--|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | |
| Developers under agreement in subdivision development provide 5% land for a park plus additional funds per acre to construct the park and provide amenities. The collected fees are deposited into Reserve Fund 151 - Land Acquisitions - Other than Highways. The future costs are related to Sandwich South Employment Lands which is expected to occur in 2021. | | | | 2021: Sandwich South Employment Lands - \$300,000 | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | |
| 7129004/ 7071026 | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | 0 0 0 300,000 0 0 0 300,000 | | | | | | | | | | | | | | | |
| 2021 | 300,000 | 300,000 | 0 | Total 0 0 0 300,000 0 0 0 300,000 | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 151 Land Acquisitions - O/T Highways | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | 0 0 0 300,000 0 0 0 300,000 | | | | | | | | | | | | | | | |
| | 300,000 | 300,000 | 0 | Total 0 0 0 300,000 0 0 0 300,000 | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | |
| 2012 | 300,000 | 300,000 | 0 | | | | | | | | | | | | | | | | |
| 2017 | 300,000 | 300,000 | 0 | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | | | | | | |
| | | | | Unknown | New Parks have a significant impact on the Parks operations budget. Any new park development add to the grass cutting and the trail maintenance schedule. Trees will be added to these areas, which will require regular maintenance during the first 3 years, to ensure tree health. Where floral displays are prominent the Horticulture Operating Budget is significantly impacted. | | | | | | | 0 | 0 | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | | | | | |
| 2012 | January 1, 2021 | Growth: 0.0 % Maintenance: 0.0 % | | Mike Clement | | | | Ongoing | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---|
| Project # | PFO-008-17 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Development |
| Title | Beach Volleyball Courts - Riverfront Park | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | Ward 4 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | |
|---|----------------------|----------------------------------|---------------------|---|-------------|-------------|-----------------------------|-------------|-------------|-------------|--------------|--------------|
| Project Description | | | | Version Description | | | | | | | | |
| As per the approved 2017 enhanced Capital Budget 5-year plan. | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | |
| NEW | | | | Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan. | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 100,000 | 0 | 0 | 0 | 100,000 |
| 2020 | 0 | 0 | 0 | Total | 0 | 0 | 0 | 100,000 | 0 | 0 | 0 | 100,000 |
| 2021 | 100,000 | 100,000 | 0 | Revenues | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 0 | 0 | 100,000 | 0 | 0 | 0 | 100,000 |
| 2024+ | 0 | 0 | 0 | Total | 0 | 0 | 0 | 100,000 | 0 | 0 | 0 | 100,000 |
| | 100,000 | 100,000 | 0 | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | |
| | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | Est. Completion Date | | | | | |
| 2017 | January 23, 2021 | Growth: 0.0 % Maintenance: 0.0 % | Mike Clement | | | | 2021 | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|---|
| Project # | PFO-009-12 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Development |
| Title | Park Bridges/Shelters/Buildings/Capital Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

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|---|----------------------|----------------------------------|------------------|--|---|-------------|-------------|-----------------------------|-------------|-------------|------------------|-------------------|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | |
| This capital program includes replacement and renovations of bridges, shelters, buildings and other park structures which may need replacement. Bridge and culvert inspection are carried out by Public Works to prioritize repairs and replacements. | | | | 2019: Little River Corridor Bridges - \$100,000 2020: Little River Corridor Bridges - \$100,000 2021: Peche Island Bridge and Docks - \$100,000 2022: Ojibway Park Building and Boardwalk- \$168,000 2023: East End Yard Design - \$100,000 2024+: Shorewall Improvements and East End Yard | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | |
| 7129005/7171027 | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | |
| 2019 | 100,000 | 100,000 | 0 | | 0 | 100,000 | 100,000 | 100,000 | 168,000 | 100,000 | 8,132,000 | 8,700,000 | | | | |
| 2020 | 100,000 | 100,000 | 0 | | <hr/> | | | | | | | | | | | |
| 2021 | 100,000 | 100,000 | 0 | Total | 0 | 100,000 | 100,000 | 100,000 | 168,000 | 100,000 | 8,132,000 | 8,700,000 | | | | |
| 2022 | 168,000 | 168,000 | 0 | Revenues | | | | | | | | | | | | |
| 2023 | 100,000 | 100,000 | 0 | 160 | Capital Expenditure Reserve | | | | | | | | | | | |
| 2024+ | 8,132,000 | 8,132,000 | 0 | | 0 | 0 | 0 | 0 | 168,000 | 100,000 | 0 | 268,000 | | | | |
| | 8,700,000 | 8,700,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | |
| | | | | | 0 | 100,000 | 100,000 | 100,000 | 0 | 0 | 8,132,000 | 8,432,000 | | | | |
| | | | | Total | 0 | 100,000 | 100,000 | 100,000 | 168,000 | 100,000 | 8,132,000 | 8,700,000 | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | |
| 2012 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | |
| 2013 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | |
| 2014 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | |
| 2015 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | |
| 2016 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | |
| 2017 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | Exp/(Rev) | FTE Impact | | | | |
| | | | | Unknown | Capital projects may yield lower repair costs incurred by operating department depending upon the level of structure repairs. | | | | | | 0 | 0 | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | | |
| 2012 | January 1, 2015 | Growth: 0.0 % Maintenance: 0.0 % | | Mike Clement | | | | Ongoing | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|-------------------------|---------------------|---|
| Project # | PFO-010-17 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Development |
| Title | Dog Park - Malden Road | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | Ward 2 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|---|-------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | |
| As per the approved 2017 enhanced Capital Budget 5-year plan. | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | |
| 7171066 | | | | Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan. | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | 0 0 0 75,000 0 0 0 75,000 | | | | | | | | | | | | | |
| 2021 | 75,000 | 75,000 | 0 | Total 0 0 0 75,000 0 0 0 75,000 | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | 0 0 0 75,000 0 0 0 75,000 | | | | | | | | | | | | | |
| | 75,000 | 75,000 | 0 | Total 0 0 0 75,000 0 0 0 75,000 | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | |
| 2017 | January 23, 2021 | Growth: 0.0 % Maintenance: 0.0 % | | Mike Clement | | | | | 2021 | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|---|
| Project # | PFO-011-12 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Development |
| Title | Beautification of Civic Gateways and Other Open Spaces | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|--|---|-------------|-------------|-------------|-----------------------------|-------------|-------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | |
| Projects include new Civic Gateways and Open Space development projects at various locations across Windsor. City beautification includes any open space development project undertaken on City owned property. In 2009, CR301/2009 approved funding of \$2.5M for the Civic Gateways (PFO-004-09/7081902). Further beautification efforts adding to our gateway initiatives include Lauzon Parkway at E.C. Row and Wyandotte Street East Median Improvements. In 2020, the Lauzon Parkway medians from E.C. Row to Tecumseh Rd East will be improved. | | | | 2020: Lauzon Parkway completion 2021: Huron Line, Giles and Walker median work | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| 7129006 | | | | Operating Budget Item #2017-0320 identifies an issue that if approved by Council, then the funding in 2020 and 2021 becomes pre-committed. | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | 0 | 0 | 0 | 0 | 500,000 | 1,500,000 | 300,000 | 2,300,000 |
| 2019 | 0 | 0 | 0 | <hr/> | | | | | | | | | |
| 2020 | 0 | 0 | 0 | Total | | 0 | 0 | 0 | 0 | 500,000 | 1,500,000 | 300,000 | 2,300,000 |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | |
| 2022 | 500,000 | 500,000 | 0 | 160 | Capital Expenditure Reserve | 0 | 0 | 0 | 0 | 297,000 | 0 | 0 | 297,000 |
| 2023 | 1,500,000 | 1,500,000 | 0 | <hr/> | | | | | | | | | |
| 2024+ | 300,000 | 300,000 | 0 | 169 | Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 203,000 | 1,500,000 | 300,000 | 2,003,000 |
| | 2,300,000 | 2,300,000 | 0 | Total | | 0 | 0 | 0 | 0 | 500,000 | 1,500,000 | 300,000 | 2,300,000 |
| Historical Approved Budget | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | |
| 2012 | 125,000 | 125,000 | 0 | | | | | | | | | | |
| 2014 | 104,000 | 104,000 | 0 | | | | | | | | | | |
| 2015 | 200,000 | 200,000 | 0 | | | | | | | | | | |
| 2016 | 215,000 | 215,000 | 0 | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | The changes made to City gateways and corridors have a significant impact on the level of service provided by Parks operations and horticulture staff. Major initiatives requiring significant resource impact the capacity of the Parks department to maintain sports fields and core functions throughout the City. | | | | | | | 0 | 0 |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | |
| 2012 | January 1, 2015 | Growth: 0.0 % Maintenance: 0.0 % | | Mike Clement | | | | | Ongoing | | | | |



Project Version Summary

| | | | |
|-----------------------|----------------------------------|---------------------|---|
| Project # | PFO-012-12 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Development |
| Title | Park Trails Capital Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | |
|---|--|
| Project Description | Version Description |
| Repairs are required to regularly maintain asphalt and granular base trails making them safe and thereby decreasing litigation and claims. We are experiencing a backlog of required trail repairs although we will deal with them as far as funding will allow. Repairs, resurfacing, bollards, curb maintenance, safety markings and signs are all potential upgrades. We have over 120 kms of trails in our system and ongoing refurbishment of sections of trails are necessary to maintain a safe and usable overall trail system. | 2019: Bruce Avenue Park 2020: Edgar Bikeways 2021: Southwood Lakes Trails 2022: Ganatchio/ Grand Marais |
| The average life span of an asphalt trail is 15-20 years. Major trails such as the Ganatchio Trail south, Grande Marais trail, Southwood Lakes and inter park trails are approaching the end of their lifecycle. Parks currently maintains over 120km of trails in the system. The approximate cost to replace a kilometer of trail is \$400,000. The 2017 Parks Master Plan identified trails to be one of the most important recreational amenities in parks. | Note: Priority will be given to those areas based on inspection results. |

| | |
|-----------------------------------|-------------------------|
| Project Comments/Reference | Version Comments |
| (7129012 Closed)/7161026 | |

| Project Forecast | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------------------|------------------|----------------|----------------|----------------|---------------|---------------|------------------|------|---|---|---|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|------|---|---|---|-------|---|---|---|--|------------------|------------------|----------|--|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-----------------------------------|--|--|--|--|--|--|--|--|--|---|---------|---------|---------|---------|---|---|-----------|--------------|----------|----------------|----------------|----------------|----------------|----------|----------|------------------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|--|--|--|--|--|--|--|--|--|---|---------|---------|---------|---------|---|---|-----------|--------------|----------|----------------|----------------|----------------|----------------|----------|----------|------------------|
| <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2019</td><td>200,000</td><td>200,000</td><td>0</td></tr> <tr><td>2020</td><td>200,000</td><td>200,000</td><td>0</td></tr> <tr><td>2021</td><td>200,000</td><td>200,000</td><td>0</td></tr> <tr><td>2022</td><td>600,000</td><td>600,000</td><td>0</td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2024+</td><td>0</td><td>0</td><td>0</td></tr> <tr><td></td><td>1,200,000</td><td>1,200,000</td><td>0</td></tr> </tbody> </table> | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2018 | 0 | 0 | 0 | 2019 | 200,000 | 200,000 | 0 | 2020 | 200,000 | 200,000 | 0 | 2021 | 200,000 | 200,000 | 0 | 2022 | 600,000 | 600,000 | 0 | 2023 | 0 | 0 | 0 | 2024+ | 0 | 0 | 0 | | 1,200,000 | 1,200,000 | 0 | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>0</td> <td>200,000</td> <td>200,000</td> <td>200,000</td> <td>600,000</td> <td>0</td> <td>0</td> <td>1,200,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>200,000</td> <td>200,000</td> <td>200,000</td> <td>600,000</td> <td>0</td> <td>0</td> <td>1,200,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>0</td> <td>200,000</td> <td>200,000</td> <td>200,000</td> <td>600,000</td> <td>0</td> <td>0</td> <td>1,200,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>200,000</td> <td>200,000</td> <td>200,000</td> <td>600,000</td> <td>0</td> <td>0</td> <td>1,200,000</td> </tr> </tbody> </table> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5410 Construction Contracts - TCA | | | | | | | | | | 0 | 200,000 | 200,000 | 200,000 | 600,000 | 0 | 0 | 1,200,000 | Total | 0 | 200,000 | 200,000 | 200,000 | 600,000 | 0 | 0 | 1,200,000 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | | | | | | | | | | 0 | 200,000 | 200,000 | 200,000 | 600,000 | 0 | 0 | 1,200,000 | Total | 0 | 200,000 | 200,000 | 200,000 | 600,000 | 0 | 0 | 1,200,000 |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 200,000 | 200,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 200,000 | 200,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 200,000 | 200,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 600,000 | 600,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1,200,000 | 1,200,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 200,000 | 200,000 | 200,000 | 600,000 | 0 | 0 | 1,200,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 200,000 | 200,000 | 200,000 | 600,000 | 0 | 0 | 1,200,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 200,000 | 200,000 | 200,000 | 600,000 | 0 | 0 | 1,200,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 200,000 | 200,000 | 200,000 | 600,000 | 0 | 0 | 1,200,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Historical Approved Budget | Revenue | | | | | | | | | | | | |
|---|----------------|---------------|---------------|-----------|------|---------|---------|---|------|---------|---------|---|--|
| <table border="1"> <thead> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2016</td><td>200,000</td><td>200,000</td><td>0</td></tr> <tr><td>2017</td><td>200,000</td><td>200,000</td><td>0</td></tr> </tbody> </table> | Year | Total Expense | Net City Cost | Subsidies | 2016 | 200,000 | 200,000 | 0 | 2017 | 200,000 | 200,000 | 0 | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | |
| 2016 | 200,000 | 200,000 | 0 | | | | | | | | | | |
| 2017 | 200,000 | 200,000 | 0 | | | | | | | | | | |

| Related Projects | Operating Budget Impact | | | | | | | | |
|-------------------------|---|----------------|-------------|-----------|------------|---------|---|---|---|
| | <table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>The increase in trial replacement reduces the operational repairs and maintenance for older trails at the end of their expected life.</td> <td>0</td> <td>0</td> </tr> </tbody> </table> | Effective Date | Description | Exp/(Rev) | FTE Impact | Unknown | The increase in trial replacement reduces the operational repairs and maintenance for older trails at the end of their expected life. | 0 | 0 |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | |
| Unknown | The increase in trial replacement reduces the operational repairs and maintenance for older trails at the end of their expected life. | 0 | 0 | | | | | | |

| | | | | |
|------------------------|-------------------|----------------------------------|---------------------|-----------------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date |
| 2012 | January 1, 2016 | Growth: 0.0 % Maintenance: 0.0 % | Mike Clement | Ongoing |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---|
| Project # | PFO-012-17 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Development |
| Title | Central Park Tennis Court (Repave, New Nets, Paint) | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | Ward 1 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|---|-------------|-------------|-------------|-------------|-------------|-----------------------------|--------------|--------------|--|--|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | |
| As per the approved 2017 enhanced Capital Budget 5-year plan. Project to repave the tennis courts and install new nets and painting. | | | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | |
| NEW | | | | Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan. CR528/2017 approved the pre-commitment for the \$100,000 in 2021. | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | 0 0 0 100,000 0 0 0 100,000 | | | | | | | | | | | | | | | |
| 2021 | 100,000 | 100,000 | 0 | Total 0 0 0 100,000 0 0 0 100,000 | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | 0 0 0 100,000 0 0 0 100,000 | | | | | | | | | | | | | | | |
| | 100,000 | 100,000 | 0 | Total 0 0 0 100,000 0 0 0 100,000 | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | | Est. Completion Date | | | | | | | | | |
| 2017 | January 23, 2021 | Growth: 0.0 % Maintenance: 0.0 % | | Mike Clement | | | | | | 2021 | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|---|
| Project # | PFO-013-12 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Development |
| Title | Park-related Parking Lots Capital Upgrades | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|---|--|-------------|-------------|-----------------------------|-------------|-------------|--------------|------------------|-------------------|-----------|---------|---------|---------|---------|---------|-----------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | | | | |
| Parking lots are an ongoing program that requires continuous upgrades to meet the needs of users and the standards set out by the City of Windsor By-laws. The parks and recreation system has over 80 parking lots of various sizes and conditions. The existing parking lot surfaces range from simple gravel lots to curbed paved and drained lots built to the current city standards. On average the one parking lot per year is renovated or rebuilt. A parking lot condition report will be carried out in 2017. | | | | 2019: Jackson Park parking lot - \$500,000 Optimist Memorial Park parking lot - \$500,000 2020: Jackson Park parking lot 2021: Malden Park parking lot- \$200,000 2022: Malden Park parking lot- \$200,000 2023: Malden Park parking lot- \$200,000 2024+: Malden Park parking lot- \$100,000 | | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | | | |
| (7129007 Closed) 7159012 | | | | CR125/2016, Report #18130 approved the pre-commitment of \$500,000 from the 2019 Capital Budget allocation to accelerate the Optimist Memorial Park parking lot construction to 2017 in conjunction with the Windsor Public Library addition. The work on Jackson Park lot will then be completed in two phases beginning in 2019 and ending in 2020. As per CR211/2018, City Council approved a pre-commitment of \$500,000 in 2019 and \$500,000 in 2020 for Jackson Park parking lots, lanes and connecting trails. | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | | | | | | |
| 2019 | 1,000,000 | 1,000,000 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | | | | | | |
| 2020 | 500,000 | 500,000 | 0 | | 0 | 1,000,000 | 500,000 | 200,000 | 200,000 | 200,000 | 100,000 | 2,200,000 | | | | | | | | | | |
| 2021 | 200,000 | 200,000 | 0 | | Total | | | | | | | | 0 | 1,000,000 | 500,000 | 200,000 | 200,000 | 200,000 | 100,000 | 2,200,000 | | |
| 2022 | 200,000 | 200,000 | 0 | Revenues | | | | | | | | | | | | | | | | | | |
| 2023 | 200,000 | 200,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | | |
| 2024+ | 100,000 | 100,000 | 0 | | 0 | 1,000,000 | 500,000 | 200,000 | 200,000 | 200,000 | 100,000 | 2,200,000 | | | | | | | | | | |
| | 2,200,000 | 2,200,000 | 0 | | Total | | | | | | | | 0 | 1,000,000 | 500,000 | 200,000 | 200,000 | 200,000 | 100,000 | 2,200,000 | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | | | | | | | | | |
| 2012 | 75,000 | 75,000 | 0 | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | | |
| | | | | <u>Effective Date</u> | <u>Description</u> | | | | | | | <u>Exp/(Rev)</u> | <u>FTE Impact</u> | | | | | | | | | |
| | | | | Unknown | The level of capital replacements will impact the repair and maintenance costs on park operations. The longer the projects are deferred the increase in the level of repairs are required in each parking lot. | | | | | | 0 | 0 | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | | | | | | | | |
| 2012 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | | Mike Clement | | | | 2024+ | | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|---|
| Project # | PFO-014-12 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Development |
| Title | Park Community Partnership Initiatives | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|-------------------------------------|--|---|-------------|-----------------------------|-------------|-------------|-------------|------------------|-------------------|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | |
| Partnerships can include any user group wishing to contribute funding to a project for the improvement of any park asset, facility or space within the community. Partnership projects will be presented to and approved by Council on a project by project basis. | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | |
| 7129015 | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | | |
| 2019 | 25,000 | 25,000 | 0 | | | 0 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 150,000 | | | |
| 2020 | 25,000 | 25,000 | 0 | Total | | 0 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 150,000 | | | |
| 2021 | 25,000 | 25,000 | 0 | Revenues | | | | | | | | | | | | |
| 2022 | 25,000 | 25,000 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | |
| 2023 | 25,000 | 25,000 | 0 | | | 0 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 150,000 | | | |
| 2024+ | 25,000 | 25,000 | 0 | Total | | 0 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 150,000 | | | |
| 150,000 | | 150,000 | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | | | |
| 2012 | 275,000 | 25,000 | 250,000 | | | | | | | | | | | | | |
| 2013 | 25,000 | 25,000 | 0 | | | | | | | | | | | | | |
| 2014 | 25,000 | 25,000 | 0 | | | | | | | | | | | | | |
| 2015 | 25,000 | 25,000 | 0 | | | | | | | | | | | | | |
| 2016 | 25,000 | 25,000 | 0 | | | | | | | | | | | | | |
| 2017 | 25,000 | 25,000 | 0 | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | Exp/(Rev) | FTE Impact | | | |
| | | | | Unknown | | The commissioning of new park amenities results in pressures on the maintenance and operating budget. | | | | | | 0 | 0 | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | | |
| 2012 | January 1, 2015 | Growth: 0.0 % Maintenance: 0.0 % | | Mike Clement | | | | Ongoing | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|-------------------------|---------------------|---|
| Project # | PFO-015-12 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Development |
| Title | Parks Master Plan | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|--|---|-------------|-------------|-----------------------------|-------------|-------------|--------------|------------------|-------------------|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| The Parks Master Plan was last updated in 1989. This program will create a new document that defines and shapes our parks system for the foreseeable future. This program will create a living document aligned with the City's five year capital budget and will be updated every 5 years with attainable goals. This master plan will be phased in and adjusted periodically through internal strategic reviews. | | | | Five Year update of Parks Master Plan. | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7129013 | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 2980 | Contracted Services | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 50,000 | 0 | 450,000 | 500,000 | | |
| 2020 | 0 | 0 | 0 | 8110 | Salary-Reg.Full Time | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 50,000 | 0 | 50,000 | | |
| 2022 | 50,000 | 50,000 | 0 | Total | | | | | | | | | | |
| 2023 | 50,000 | 50,000 | 0 | | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 450,000 | 550,000 | | |
| 2024+ | 450,000 | 450,000 | 0 | Revenues | | | | | | | | | | |
| | 550,000 | 550,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | |
| Historical Approved Budget | | | | Total | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 450,000 | 550,000 | | |
| 2013 | 140,000 | 140,000 | 0 | Total | | | | | | | | | | |
| | | | | | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 450,000 | 550,000 | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | |
| | | | | 2018-01-01 | Master plan implementation will be conducted in stages and will require Parks Development Project Manager as per Budget Issue 2018-0286 | | | | | | | 75,790 | 1 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | |
| 2012 | January 1, 2015 | Growth: 0.0 % Maintenance: 0.0 % | | Mike Clement | | | | 2022+ | | | | | | |



Project Version Summary

| | | | |
|-----------------------|-----------------------------------|---------------------|---|
| Project # | PFO-016-12 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Development |
| Title | Parkland Acquisitions | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | City Wide | | |
| Version Name | Main - Parks Acquisition (Active) | | |

| | | | | | | | | | | | | | | | |
|--|----------------------|------------------------------------|------------------|--|--|-----------------------------|-------------|-----------------------------|-------------|-------------|-------------|-------------------|-------------------|-------------------|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| This general parkland acquisition & development project is used for purchases and development of lands for parks, as these lands become available. The acquisition and disposition of parkland is necessary to balance the system and provide and even distribution of parkland in all classifications to service the needs of residents as per the City of Windsor Official Plan. | | | | Riverfront Parkland: The City has historically acquired riverfront lands based on location and availability of funds. This budget request is simply a general placeholder at this time and outside the approved in principle window. Should any additional lands be identified for purchase, the \$13,000 in 2018 will be used for an appraisal. Any recommendation from Administration to purchase the land will be brought forward as an in-camera council report for direction and funding alternatives. This is consistent with CR236/2017. | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| (Closed: 7129014)/7181019 | | | | As per CR236/2017, \$2m was earmarked for the purpose of acquiring strategic riverfront property. | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 13,000 | 13,000 | 0 | 5210 Land Acquisition | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | 13,000 | 0 | 0 | 0 | 0 | 0 | 10,000,000 | 10,013,000 | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2024+ | 10,000,000 | 10,000,000 | 0 | Revenues | | | | | | | | | | | |
| | 10,013,000 | 10,013,000 | 0 | 151 Land Acquisitions - O/T Highways | | | | | | | | | | | |
| | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 10,000,000 | 10,000,000 | | |
| | | | | 160 Capital Expenditure Reserve | | 13,000 | 0 | 0 | 0 | 0 | 0 | 0 | 13,000 | | |
| | | | | | | | | | | | | | | | |
| | | | | Total | | 13,000 | 0 | 0 | 0 | 0 | 0 | 10,000,000 | 10,013,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| Related Projects | | | | Effective Date | | Description | | | | | | Exp/(Rev) | | FTE Impact | |
| | | | | Unknown | | No operating budget impact. | | | | | | 0 | | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2012 | January 1, 2024 | Growth: 100.0 % Maintenance: 0.0 % | | Mike Clement/Shelby Askin Hager | | | | 2024+ | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|----------------------------------|---------------------|---|
| Project # | PFO-017-12 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Development |
| Title | Playground Equipment Removal | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | City Wide | | |
| Version Name | Main- Equipment Removal (Active) | | |

| | | | | | | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|---------------------|---|---|-------------|-------------|-----------------------------|-------------|-------------|--------------|------------------|-------------------|--|--|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | | |
| There are several parks with equipment in disrepair and they require annual maintenance. The removal of non-compliant equipment to clear areas will mitigate possible future injuries and claims. | | | | The removals will be prioritized each year by the annual Playground Equipment Audit. A council report will be provided identifying playgrounds which may be removed and not replaced based upon administrative recommendations. | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | |
| 7129009 | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | | | | |
| 2019 | 100,000 | 100,000 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 100,000 | 0 | 100,000 | 100,000 | 100,000 | 200,000 | 600,000 | | | | | | | | |
| 2021 | 100,000 | 100,000 | 0 | Total | | 0 | 100,000 | 0 | 100,000 | 100,000 | 100,000 | 200,000 | 600,000 | | | | | | | |
| 2022 | 100,000 | 100,000 | 0 | Revenues | | | | | | | | | | | | | | | | |
| 2023 | 100,000 | 100,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | |
| 2024+ | 200,000 | 200,000 | 0 | | 0 | 100,000 | 0 | 100,000 | 100,000 | 100,000 | 200,000 | 600,000 | | | | | | | | |
| | 600,000 | 600,000 | 0 | Total | | 0 | 100,000 | 0 | 100,000 | 100,000 | 100,000 | 200,000 | 600,000 | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | |
| 2012 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | |
| 2013 | 154,000 | 154,000 | 0 | | | | | | | | | | | | | | | | | |
| 2014 | 162,468 | 162,468 | 0 | | | | | | | | | | | | | | | | | |
| 2015 | 158,500 | 158,500 | 0 | | | | | | | | | | | | | | | | | |
| 2016 | 150,000 | 150,000 | 0 | | | | | | | | | | | | | | | | | |
| 2017 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | | | | | | | |
| | | | | Unknown | Accesible playgrounds have a financial impact on the Operating budget. Replacement parts and repairs are more costly than traditional playground equipment. | | | | | | 0 | 0 | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | | Est. Completion Date | | | | | | | | | | | | |
| 2012 | January 1, 2015 | Growth: 0.0 % Maintenance: 0.0 % | Mike Clement | | | | | Ongoing | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---------------------------------------|---------------------|---|
| Project # | ECB-018-18 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Operations |
| Title | Rubber Base for Gary Dugal Playground | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | Ward 5 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|--|----------------------|------------------------------------|------------------|--|---------------------------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | This project will incorporate the removal of existing playground sand safety surfacing and the installation of rubber playground safety surfacing as per CSA guidelines for children's play spaces. The installation of the rubber surfacing will improve the performance of the surface and reduce maintenance and operations issues. | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| Consolidate with 7145009 Accessible Playgrounds | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| 2018 | 124,000 | 124,000 | 0 | Expenses | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 124,000 | 0 | 0 | 0 | 0 | 0 | 0 | 124,000 | | |
| 2021 | 0 | 0 | 0 | | Total | 124,000 | 0 | 0 | 0 | 0 | 0 | 124,000 | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 124,000 | 0 | 0 | 0 | 0 | 0 | 0 | 124,000 | | |
| | 124,000 | 124,000 | 0 | | Total | 124,000 | 0 | 0 | 0 | 0 | 0 | 124,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | |
| 2018 | March 1, 2018 | Growth: 0.0 % Maintenance: 100.0 % | | Mark Friel | | | | | TBD | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---|
| Project # | ECB-022-18 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Operations |
| Title | Tranby Park - Relocate Kiwanis Equipment - timed with Tranby Roadwork in the Spring | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | Ward 6 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|---|--|-------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|
| Project Description | | | | Version Description | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | This work includes the upgrade of the existing baseball diamond and the installation of storm drainage to Tranby Ave. storm sewer. In addition, some removal and restoration of land at Kiwanis Park will be included as part of this project. If approved, this project will be tendered for construction in the Spring of 2018. | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| 7182009 | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | |
| 2019 | 155,000 | 155,000 | 0 | | | 0 | 155,000 | 0 | 0 | 0 | 0 | 0 | 155,000 |
| 2020 | 0 | 0 | 0 | Total | | 0 | 155,000 | 0 | 0 | 0 | 0 | 0 | 155,000 |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | 0 | 155,000 | 0 | 0 | 0 | 0 | 0 | 155,000 |
| 2024+ | 0 | 0 | 0 | Total | | 0 | 155,000 | 0 | 0 | 0 | 0 | 0 | 155,000 |
| | 155,000 | 155,000 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | |
| 2018 | March 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | | Mark Friel | | | | | TBD | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---|
| Project # | ECB-024-18 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Operations |
| Title | Accessible Washroom and Changeroom - Riverside Park | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | Ward 7 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|--|----------------------|------------------------------------|------------------|---|---------------------------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|---------|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | Construction/renovation (to AODA standards) of the existing washroom/changeroom for use by pool and Miracle Diamond Park users. The City contribution will provide matching funds for a Canadian Tire Jumpstart grant application. This project will be the subject of a separate report to City Council. | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| Match with Canadian Tire grant. 7181010 | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | |
| 2018 | 400,000 | 400,000 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 400,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 400,000 | |
| 2020 | 0 | 0 | 0 | | Total | 400,000 | 0 | 0 | 0 | 0 | 0 | 0 | 400,000 | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 400,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 400,000 | |
| 2024+ | 0 | 0 | 0 | | Total | 400,000 | 0 | 0 | 0 | 0 | 0 | 0 | 400,000 | |
| | 400,000 | 400,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | |
| 2018 | March 1, 2018 | Growth: 0.0 % Maintenance: 100.0 % | | Mark Friel | | | | | TBD | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---|
| Project # | ECB-026-18 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Operations |
| Title | Elizabeth Kishkon Park - Install Washroom | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | Ward 7 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|---------------------|--|---------------------------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | Installation of a washroom facility at the east entrance to the park adjacent to the existing playground and parking lot. The first opportunity to fund and tender this work is in the Spring of 2019. | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| NEW | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 400,000 | 0 | 400,000 | | |
| 2021 | 0 | 0 | 0 | Total | 0 | 0 | 0 | 0 | 0 | 400,000 | 0 | 400,000 | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | |
| 2023 | 400,000 | 400,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 400,000 | 0 | 400,000 | | |
| | 400,000 | 400,000 | 0 | Total | 0 | 0 | 0 | 0 | 0 | 400,000 | 0 | 400,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | | Est. Completion Date | | | | | | |
| 2018 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | Mark Friel | | | | | TBD | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---|
| Project # | ECB-029-18 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Operations |
| Title | Wayfinding Signage and Markers - Ganatchio Trail/Little River | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | Ward 6, Ward 7 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|---------------------|--|---------------------------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | Installation of wayfinding signage and markers along the Little River Corridor extension of the Ganatchio Trail to improve orientation for users and emergency services. Prospective installation would be the Spring of 2019. | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| Consolidate with 7161026 Park Trails Capital Improvements | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 100,000 | 0 | 100,000 | | |
| 2021 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 100,000 | 0 | 100,000 | | |
| 2022 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 100,000 | 0 | 100,000 | | |
| 2023 | 100,000 | 100,000 | 0 | Revenues | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | |
| | | | | | 0 | 0 | 0 | 0 | 0 | 100,000 | 0 | 100,000 | | |
| | 100,000 | 100,000 | 0 | | 0 | 0 | 0 | 0 | 0 | 100,000 | 0 | 100,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | | Est. Completion Date | | | | | | |
| 2018 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | Mark Friel | | | | | TBD | | | | | | |



Project Version Summary

| | | | |
|-----------------------|-------------------------|---------------------|---|
| Project # | ECB-041-18 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Operations |
| Title | Bike Park | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|---------------------|--|---------------------------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | This project involves the creation of off-road bicycle facilities in consultation with the community and with stakeholders. Consultations would take place during the 2018 calendar year for prospective construction in the Spring of 2019. | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| NEW | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 500,000 | 0 | 500,000 | | | |
| 2021 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 500,000 | 0 | 500,000 | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2023 | 500,000 | 500,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 500,000 | 0 | 500,000 | | | |
| | 500,000 | 500,000 | 0 | Total | 0 | 0 | 0 | 0 | 0 | 500,000 | 0 | 500,000 | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | | Est. Completion Date | | | | | | | |
| 2018 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | Mark Friel | | | | | TBD | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|-----------------------------------|---------------------|---|
| Project # | PFO-003-17 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Operations |
| Title | GPS Laser Line Painting Equipment | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|---|-------------|--------------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|--|------------------|--|-------------------|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | |
| To acquire a GPS laser line painting machine and software for Parks Operations. This will remove the need to string line soccer fields. | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | |
| 7171058 | | | | As per B27/2017, a departmental operating budget enhancement was accepted by Council, which pre-commits \$50,000 funding in 2020. | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5110 Machinery & Equipment - TCA | | | | | | | | | | | | | |
| 2020 | 50,000 | 50,000 | 0 | 0 0 50,000 65,000 0 0 0 115,000 | | | | | | | | | | | | | |
| 2021 | 65,000 | 65,000 | 0 | Total 0 0 50,000 65,000 0 0 0 115,000 | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | 0 0 50,000 65,000 0 0 0 115,000 | | | | | | | | | | | | | |
| | 115,000 | 115,000 | 0 | Total 0 0 50,000 65,000 0 0 0 115,000 | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | | | Exp/(Rev) | | FTE Impact | |
| | | | | Unknown | | | | | | | | | | 0 | | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | | | |
| 2017 | May 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | | Yvan Mantha/Angela Marazita | | | | 2018 | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|---|
| Project # | PFO-006-18 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Parks & Facilities |
| Asset Type | Unassigned | Division | Parks Operations |
| Title | Ditch Cutting Equipment for Vacant Properties/Phragmites Control | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|-------------------------------------|--|-------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|
| Project Description | | | | Version Description | | | | | | | | | |
| As per B38/2018, City Council approved on Monday Jan. 15th, 2018 the purchase of a ditch cutting flail mower/wet blade. | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| Through the use of a wet blade, herbicide is applied when cutting the vegetation. The primary difference between the use of a wet blade and other herbicide-applying and mowing products is the precision application. The herbicide is not sprayed into the atmosphere, the surroundings or the ground. The herbicide is applied precisely at the time of cut for maximum effectiveness. | | | | | | | | | | | | | |
| NEW | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 Machinery & Equipment - TCA | | 0 | 0 | 0 | 0 | 266,280 | 0 | 0 | 266,280 |
| 2019 | 0 | 0 | 0 | Total | | 0 | 0 | 0 | 0 | 266,280 | 0 | 0 | 266,280 |
| 2020 | 0 | 0 | 0 | Revenues | | | | | | | | | |
| 2021 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | 0 | 0 | 0 | 0 | 266,280 | 0 | 0 | 266,280 |
| 2022 | 266,280 | 266,280 | 0 | Total | | 0 | 0 | 0 | 0 | 266,280 | 0 | 0 | 266,280 |
| 2023 | 0 | 0 | 0 | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | |
| | 266,280 | 266,280 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | |
| 2018 | February 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | | Ivan Mantha/Angela Marazita | | | | | May 31, 2018 | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|---|
| Project # | ECB-038-18 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Recreation & Culture |
| Asset Type | Unassigned | Division | Admin - Recreation & Culture |
| Title | Windsor International Film Festival (WIFF) | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Community & Economic Development | | |
| Wards | Ward 3 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|--|---------------------------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | Allocated funds will be used towards projection and sound (\$133,780), website and mobile application redesign (\$41,220), ticketing system (\$25,000), renovations, furnishings, supplies, signage for permanent office and box office space (\$50,000). In this particular case, full placeholder costs are being requested to be used in 2018 to ensure that the festival receive the full \$250,000 immediately. | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7183014 | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | |
| 2020 | 250,000 | 250,000 | 0 | | 0 | 0 | 250,000 | 0 | 0 | 0 | 0 | 250,000 | | |
| 2021 | 0 | 0 | 0 | Total | 0 | 0 | 250,000 | 0 | 0 | 0 | 0 | 250,000 | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 0 | 250,000 | 0 | 0 | 0 | 0 | 250,000 | | |
| | 250,000 | 250,000 | 0 | Total | 0 | 0 | 250,000 | 0 | 0 | 0 | 0 | 250,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | |
| 2018 | March 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | | Valerie Clifford | | | | | TBD | | | | | |



Project Version Summary

| | | | |
|-----------------------|-------------------------|---------------------|---|
| Project # | ECB-043-18 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Recreation & Culture |
| Asset Type | Unassigned | Division | Admin - Recreation & Culture |
| Title | Recreation Master Plan | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|--|---------------------------------|-------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|
| Project Description | | | | Version Description | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | The Master Plan will provide direction on recreation facility needs for the City of Windsor for the next 20 years. Furthermore, the Recreation Master Plan will guide Administration's recommendations for City Council consideration regarding future facility needs, programming, budgeting, user fees and effective ways to deliver services to City residents. | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| 7182012 | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | |
| 2019 | 200,000 | 200,000 | 0 | | 0 | 200,000 | 0 | 0 | 0 | 0 | 0 | 0 | 200,000 |
| 2020 | 0 | 0 | 0 | Total | | 0 | 200,000 | 0 | 0 | 0 | 0 | 0 | 200,000 |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 200,000 | 0 | 0 | 0 | 0 | 0 | 0 | 200,000 |
| 2024+ | 0 | 0 | 0 | Total | | 0 | 200,000 | 0 | 0 | 0 | 0 | 0 | 200,000 |
| | 200,000 | 200,000 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | |
| 2018 | March 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | | Valerie Clifford | | | | | TBD | | | | |



Project Version Summary

| | | | |
|-----------------------|-------------------------|---------------------|---|
| Project # | REC-001-17 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Recreation & Culture |
| Asset Type | | Division | Admin - Recreation & Culture |
| Title | WFCU Centre Upgrades | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | Ward 7 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | |
|-----------------------------------|----------------------|--|------------------|----------------------------------|---------------------------------|--|-------------|-----------------------------|-------------|-------------|------------------|-------------------|
| Project Description | | To complete upgrades to the WFCU Centre to accommodate the requirements of the 2017 MasterCard Memorial Cup and assist in attracting future bids to Windsor. | | Version Description | | Media Platform above Suite Level - \$250,000 Hardware Internet and Electrical - \$25,000 New Rink boards and Glass - \$220,000 New Rubber Flooring - \$20,000 Construct Additional Dressing Room with Showers - \$165,000 Paint WFCU Centre - \$75,000 Parking Flow Improvements - \$60,000 Miscellaneous/Contingency Funds - \$175,000 | | | | | | |
| Project Comments/Reference | | 7161055 | | Version Comments | | Note that there is \$291,559 available from the unallocated enhanced capital budget contingency placeholder that is being committed to this project for funding as well (Oct. 3rd, 2016, C 171/2016). 7161055 | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 698,441 | 0 | 0 | 0 | 698,441 |
| 2020 | 0 | 0 | 0 | | Total | | | | | | | |
| 2021 | 698,441 | 698,441 | 0 | | 0 | 0 | 0 | 698,441 | 0 | 0 | 0 | 698,441 |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 0 | 0 | 698,441 | 0 | 0 | 0 | 698,441 |
| | 698,441 | 698,441 | 0 | | 0 | 0 | 0 | 698,441 | 0 | 0 | 0 | 698,441 |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | |
| Related Projects | | | | Effective Date | Description | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | No Operating Budget Impact | | | | | | 0 | 0 |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | |
| 2017 | December 1, 2016 | Growth: 0.0 % Maintenance: 0.0 % | | Ray Mensour | | | | May 1, 2017 | | | | |



Project Version Summary

| | | | |
|-----------------------|-------------------------------------|---------------------|---|
| Project # | REC-001-08 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Recreation & Culture |
| Asset Type | Unassigned | Division | Community Centres & Programming |
| Title | The WFCU Centre Transitional Budget | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|-------------------------------------|--|--------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| Additional funds required due to the Miracle Diamond shortfall in land sales. | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | 400,000 | 0 | 0 | 400,000 | | |
| 2019 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 400,000 | 0 | 0 | 400,000 | | |
| 2020 | 0 | 0 | 0 | | | Total | | 0 | 0 | 400,000 | 0 | 0 | 400,000 | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2022 | 400,000 | 400,000 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | 400,000 | 0 | 0 | 400,000 | | |
| 2023 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 400,000 | 0 | 0 | 400,000 | | |
| 2024+ | 0 | 0 | 0 | | | Total | | 0 | 0 | 400,000 | 0 | 0 | 400,000 | | |
| | 400,000 | 400,000 | 0 | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | |
| 2008 | January 1, 2008 | Growth: 0.0 % Maintenance: 0.0 % | | France Isabelle-Tunks | | | | | Jan 01, 2009 | | | | | | |



Project Version Summary

| | | | |
|-----------------------|-------------------------------|---------------------|---|
| Project # | REC-002-14 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Recreation & Culture |
| Asset Type | Unassigned | Division | Community Centres & Programming |
| Title | Relocation of Sandpoint Beach | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | Ward 7 | | |
| Version Name | Main (Active) | | |

Project Description

On March 4, 2013 Council approved B3/2013 "That the report from the Executive Director of Recreation and Culture regarding the provision of lifeguards at Sandpoint Beach BE RECEIVED and further that the reinstatement of funds for the lifeguards in the amount of \$60,272 in the 2013 operating budget as part of the base budget BE APPROVED, and further, that the option of moving the beach further east on the property BE REFERRED to future Capital Budget deliberations".

Included in the March 4, 2013 report was information on the audit of Sandpoint Beach by the Lifesaving Society. Regarding the location of the beach, the Lifesaving Society audit included the following: Primary Recommendation Number 6 – Restrict access to the western edge of the supervised beach. The recommendation states in part, "Beach and water access to the western edge of the beach should be restricted. The City may also want to consider closing this beach in favour of moving it further eastwards. At a minimum, beach patrons should be restricted from accessing this area of the beach by installing additional fencing which will reduce the designated beach area." Amenities currently at the beach include a play ground, sand volleyball court, picnic tables and a kayak/wind surfing launch area.

The redevelopment would move Sandpoint Beach further east on the property. With this option, the existing beach at the western location would be renovated and converted to land use only, including shoreline improvements that would serve to discourage access to the water in this section. The public beach access would be moved further east and would be smaller in size than the current beach. The opportunity exists at Sandpoint Beach to create a master plan for future development that will take advantage of this valuable asset on the waterfront. Additional engineering consultation would be required from a number of regulatory bodies for a full scope. For example, a new groin may be required depending on the currents to trap sand in order to facilitate retention of sand at the new location. It may be possible to phase this project, with the first phase providing functional amenities, and additional phases providing amenities to enhance the use of the park.

Project Comments/Reference

Version Description

This option includes a redevelopment of the property and has the highest capital budget impact. Administration has completed a preliminary capital cost estimate. The estimate provides detail on various components for the project including shoreline improvements, infrastructure requirements, landscape requirements and other amenities. Consulting with the regulatory bodies for further detailed estimates will be required. This project could be phased. It is estimated that a minimum of \$1.2 million would be required. This includes the shoreline improvements, a portion of the Landscaping/Site Furnishings component and the walkways component. Any work identified through engineering consultants would be in addition to this estimate. Administration recognizes that funds are not available for a project of this magnitude at this time, however, this project could be considered for a future project should grants become available from senior levels of government. Traditionally, shoreline protection has been cost shared with senior levels of government. The operating budget impact incorporates the reinstatement of the costs for the lifeguarding component of the operation. Depending on additional amenities desired for this space (i.e. sand volleyball courts, accessible playground, splash pad) additional operating budget requirements would be identified.

Version Comments

| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
|----------------------------|-------------------|----------------------------------|-----------|---------------------------|--|------|------|----------------------|------|------|-----------|-----------|-----------|------------|--|
| Year | Total Expense | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | |
| | | Net City Cost | Subsidies | | | | | | | | | | Expenses | Revenues | |
| 2018 | 0 | 0 | 0 | 5410 | 0 | 0 | 0 | 0 | 0 | 0 | 5,000,000 | 5,000,000 | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2024+ | 5,000,000 | 5,000,000 | 0 | | | | | | | | | | | | |
| | 5,000,000 | 5,000,000 | 0 | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | | Exp/(Rev) | FTE Impact | |
| | | | | Unknown | Should the reconfiguration of Sandpoint Beach result in the same size and basic design as the existing beach, there would be no impact to the operating budget. However, if the reconfiguration results in an expanded size, and if the amenities attract additional attendance, there is a potential for the requirement to increase the number of lifeguards up to an additional 3 part time guards. This would result in an additional cost in wages of approximately \$23,300. | | | | | | | | 0 | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2014 | September 1, 2024 | Growth: 0.0 % Maintenance: 0.0 % | | Jan Wilson | | | | 2024+ | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---------------------------------------|---------------------|---|
| Project # | REC-003-07 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Recreation & Culture |
| Asset Type | Unassigned | Division | Community Centres & Programming |
| Title | Municipal Pools Refurbishment Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | |
|--|----------------------|---|------------------|---|-------------|---|-------------|-----------------------------|-------------|-------------|------------------|--------------|-------------------|--|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | |
| Upgrades/refurbishments to municipal pools are required to ensure that they remain functional and do not pose a hazard. The infrastructure we currently have must be maintained in order to ensure continued high customer service standards. Prioritizing pool improvements to ensure they remain functional is the objective of this capital request. The possibility of procuring external subsidies with various levels of government bodies will be explored. | | | | Recreation and Culture's pool infrastructure must be maintained in order to ensure continued high customer service standards. Prioritizing pool improvements to ensure they remain functional is the objective of this capital request. | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | |
| 7069034 See Document Attached | | | | Should Council approve operating budget issue #2018-0224 capital funds are required in the amount of \$1,470,000 over 2 years for the dectron, humidification system, mezzanine upgrades, hot/cold water balancing, pool drain and tiles. | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | | | |
| 2019 | 90,000 | 90,000 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | |
| 2020 | 433,280 | 433,280 | 0 | 0 90,000 433,280 100,000 1,267,020 180,000 7,334,000 9,404,300 | | | | | | | | | | | | | | | |
| 2021 | 100,000 | 100,000 | 0 | Total 0 90,000 433,280 100,000 1,267,020 180,000 7,334,000 9,404,300 | | | | | | | | | | | | | | | |
| 2022 | 1,267,020 | 1,267,020 | 0 | Revenues | | | | | | | | | | | | | | | |
| 2023 | 180,000 | 180,000 | 0 | 125 Dev Chg - Indoor Recreation | | | | | | | | | | | | | | | |
| 2024+ | 7,334,000 | 7,334,000 | 0 | 0 90,000 90,000 90,000 90,000 0 0 360,000 | | | | | | | | | | | | | | | |
| | 9,404,300 | 9,404,300 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | |
| | | | | 0 0 343,280 10,000 1,177,020 180,000 7,334,000 9,044,300 | | | | | | | | | | | | | | | |
| | | | | Total 0 90,000 433,280 100,000 1,267,020 180,000 7,334,000 9,404,300 | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | | | | | | |
| 2008 | 466,000 | 466,000 | 0 | | | | | | | | | | | | | | | | |
| 2009 | 550,839 | 550,839 | 0 | | | | | | | | | | | | | | | | |
| 2010 | 1,000,000 | 1,000,000 | 0 | | | | | | | | | | | | | | | | |
| 2011 | 1,021,000 | 1,021,000 | 0 | | | | | | | | | | | | | | | | |
| 2014 | 325,000 | 325,000 | 0 | | | | | | | | | | | | | | | | |
| 2017 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | |
| Follows | | Project Title | | Effective Date | | Description | | | | | Exp/(Rev) | | FTE Impact | | | | | | |
| REC-005-16 | | Gino & Liz Marcus Community Centre Family Change Room | | 2018-01-01 | | Should Council not approve operating budget issue #2018-0224 capital funds are required in the amount of \$1,470,000 over 2 years for the dectron, humidification system, mezzanine upgrades, hot/cold water balancing, pool drain and tiles. | | | | | 0 | | 0 | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | | | | | |
| 2007 | January 2, 2017 | Growth: 0.0 % Maintenance: 0.0 % | | Jan Wilson | | | | Ongoing | | | | | | | | | | | |

2018 Capital Budget Attachment

Project #: REC-003-07

Project Name: Refurbishment of Municipal Pools

| 2018 | | | | |
|--|---------|----------------|---|---------------------------------------|
| No funding | | | | |
| 2019 | | | | |
| All Outdoor Pools | | | | Remington Booster Outdoor Pool |
| New consistent signage | 30,000 | 30,000 | Repairs to slide tower access | 25,000 |
| | | | Diving board and stand replaced | 15,000 |
| | | | | 40,000 |
| Sandpoint Beach | | | | |
| Guard stations x 3 | 15,000 | | | |
| Paddle boards | 5,000 | 20,000 | | |
| Total | | | | 90,000 |
| 2020 | | | | |
| Outdoor Pools - General | | | Gino and Liz Marcus Indoor Pool | |
| Preventative maintenance with pumps and basins | 60,000 | | Replace tables | 3,280 |
| Play Equipment | 50,000 | 110,000 | Replace aging banquet chairs | 5,000 |
| | | | Gym lighting update | 40,000 |
| | | | Landscape Upgrades | 10,000 |
| Sandpoint Beach | | | Building Outdoor Lighting Upgrades | 15,000 |
| Lifeguard station re-build | 100,000 | 100,000 | Cleaning and interior painting of existing roof structure over pool | 25,000 |
| | | | Pool heater upgrades | 15,000 |
| | | | | 113,280 |
| Remington Booster Outdoor Pool | | | Family Aquatic Centre | |
| Pumps replaced | 45,000 | | Lane rope replacement | 10,000 |
| Repairs to slide tower access | 25,000 | 70,000 | WIBIT play (pool) equipment | 30,000 |
| | | | | 40,000 |
| Total | | | | 433,280 |

Project #: REC-003-07
Project Name: Refurbishment of Municipal Pools

| 2021 | | | | |
|--|--------|----------------|--|----------------|
| Outdoor Pools | | | | |
| Preventative maintenance with pumps and basins | 50,000 | | | |
| Spine board replacement | 12,000 | | | |
| Lifeguard chair replacement | 18,000 | | | |
| Replace chlorinator pumps | 20,000 | 100,000 | | |
| Total | | | | 100,000 |

| 2022 | | | | |
|---------------------------------------|---------|----------------|-------------------------------|------------------|
| Remington Booster Outdoor Pool | | | Lanspeary | |
| Waterslide replacement | 250,000 | | Rebuild of pool tank | 900,000 |
| Renovate washrooms | 50,000 | 300,000 | Filters and pumps replacement | 67,000 |
| Total | | | | 1,267,000 |

| 2023 | | | | |
|--|--------|----------------|--------------------------------------|----------------|
| Outdoor Pools - General | | | Family Aquatic Centre | |
| Preventative maintenance with pumps and basins | 60,000 | | Underwater Camera System | 20,000 |
| Play Equipment | 50,000 | 110,000 | Aquatic Fitness (Yoga/SUP) Equipment | 50,000 |
| Total | | | | 180,000 |

Project #: REC-003-07
Project Name: Refurbishment of Municipal Pools

| 2024+ | | | | |
|---|-----------|------------------|--|------------------|
| Adie Knox Herman Pool | | | | |
| Dectron | 300,000 | | | |
| Dehumidifier | 120,000 | | | |
| Mezzanine upgrades | 120,000 | | | |
| Hot/cold water balancing | 30,000 | | | |
| Pool drain and tiles | 900,000 | 1,470,000 | | |
| Riverside Centennial | | | | |
| Waterslide addition | 350,000 | | | |
| Features refurb | 35,000 | | | |
| Surfacing preventive maintenance | 40,000 | 425,000 | | |
| Atkinson | | | | |
| Rebuild of pool tank | 800,000 | | | |
| Water slide (SPRAY PAD) | 200,000 | 1,000,000 | | |
| Family Aquatic Centre | | | | |
| New water slide Adventure Bay | 1,000,000 | | | |
| FlowRider tarp replacement | 10,000 | | | |
| FlowRider pump replacement | 60,000 | | | |
| Programming equipment | 25,000 | | | |
| Timing system (touch pad) replacement | 100,000 | | | |
| Replace chemical stenor pumps | 40,000 | | | |
| Pool pumps to switch out for service | 60,000 | | | |
| Miscellaneous repairs | 30,000 | | | |
| Replace inner tubes, mats and rafts | 65,000 | | | |
| Lane rope replacement | 20,000 | | | |
| Lane rope replacement | 10,000 | | | |
| Pool pumps serviced | 60,000 | 1,480,000 | | |
| Central | | | | |
| Features refurb | 45,000 | | | |
| Rebuild of pool tank | 1,000,000 | | | |
| Water Slide | 255,000 | | | |
| Conversion of wading pool to spray pad | 100,000 | | | |
| Surfacing mainteance | 40,000 | | | 1,440,000 |
| Lanspeary Outdoor Pool | | | | |
| Filters and pumps replacement | 13,000 | | | |
| Aquatic rock climbing wall | 10,000 | | | |
| Diving board and stand replaced | 15,000 | | | |
| Equipment | 10,000 | | | 48,000 |
| Mic Mac | | | | |
| Rebuild of pool tank | 1,000,000 | | | |
| Pools pumps replaced | 30,000 | | | 1,030,000 |
| Outdoor Pools | | | | |
| Acid wash all tile floors | 30,000 | | | |
| Preventative pump maintenance | 60,000 | | | |
| Chemtrol replacement | 48,000 | | | 138,000 |
| Gino A. Marcus Pool | | | | |
| Dectron replacement | 250,000 | | | |
| Replace Chemtrol system | 8,000 | | | |
| Repaint entrie facility including North | 25,000 | | | |
| Update fitness room equipment | 20,000 | | | 303,000 |
| Total | | | | 7,334,000 |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---|
| Project # | REC-004-07 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Recreation & Culture |
| Asset Type | Unassigned | Division | Community Centres & Programming |
| Title | Recreation Facility Refurbishment Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|---------------------|----------------------------------|---------------------------------|-------------|-------------|-------------|-------------|-------------|------------------|-------------------|---|--------|--------|--------|--------|-----------|-----------|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | |
| Ongoing upgrades to facilities and services available in municipal recreation areas. A recent review indicates that the median age of our community centres is approximately 37 years, with 63.64% of all of our community centres being 25+ years old. | | | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | |
| 7069035/7159012 See Document Attached | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | | | |
| 2019 | 50,000 | 50,000 | 0 | | 0 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 1,049,500 | 1,299,500 | | | | | | | |
| 2020 | 50,000 | 50,000 | 0 | | Total | | | | | | | | 0 | 50,000 | 50,000 | 50,000 | 50,000 | 1,049,500 | 1,299,500 |
| 2021 | 50,000 | 50,000 | 0 | Revenues | | | | | | | | | | | | | | | |
| 2022 | 50,000 | 50,000 | 0 | 125 | Dev Chg - Indoor Recreation | | | | | | | | | | | | | | |
| 2023 | 50,000 | 50,000 | 0 | | 0 | 5,000 | 5,000 | 5,000 | 5,000 | 5,000 | 104,950 | 129,950 | | | | | | | |
| 2024+ | 1,049,500 | 1,049,500 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | | | |
| | 1,299,500 | 1,299,500 | 0 | | 0 | 45,000 | 45,000 | 45,000 | 45,000 | 45,000 | 944,550 | 1,169,550 | | | | | | | |
| | | | | | 0 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 1,049,500 | 1,299,500 | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | |
| 2007 | 80,000 | 80,000 | 0 | | | | | | | | | | | | | | | | |
| 2009 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | |
| 2010 | 150,000 | 150,000 | 0 | | | | | | | | | | | | | | | | |
| 2011 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | |
| 2012 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | |
| 2013 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | |
| 2014 | 282,000 | 282,000 | 0 | | | | | | | | | | | | | | | | |
| 2015 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | |
| 2016 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | |
| 2017 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | Exp/(Rev) | FTE Impact | | | | | | | |
| | | | | Unknown | No Operating budget Impact | | | | | 0 | 0 | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | | | | | |
| 2007 | January 1, 2017 | Growth: 0.0 % Maintenance: 0.0 % | Jan Wilson | Ongoing | | | | | | | | | | | | | | | |

Project #: REC-004-07

Project Name: Recreation Facility
Refurbishments

| 2019 | | | |
|--|----------------|---|------------------|
| Forest Glade Community Centre | | | |
| Bathroom Renovation | 30,000 | | |
| | | Equipment Replacement (Tables, Chairs, Etc) | 20,000 |
| | | Total | 50,000 |
| 2020 | | | |
| All Community Centres | | | |
| Various upgrades to equipment and facilities | 50,000 | | |
| | | Total | 50,000 |
| 2021 | | | |
| Forest Glade Community Centre | | Malden Park Visitor Centre | |
| N room cupboard replacement | 15,000 | HVAC Replacement | 25,000 |
| BC Room Floor | 10,000 | | |
| | 25,000 | Total | 50,000 |
| 2022 | | | |
| Forest Glade Community Centre | | Malden Park Visitor Centre | |
| N room floor replacement | 8,500 | Table and Chair replacement | 6,500 |
| | 8,500 | Painting | 10,000 |
| | | Replacement of Blinds | 10,000 |
| | | Bathroom renovations | 15,000 |
| | | Total | 41,500 |
| | | Total | 50,000 |
| 2023 | | | |
| Malden Park Visitor Centre | | Forest Glade Community Centre | |
| Bathroom renovations | 10,000 | HVAC Replacement | 40,000 |
| | 10,000 | Total | 50,000 |
| 2024+ | | | |
| Forest Glade Community Centre | | All Community Centres | |
| Gymnastic equipment and storage for equipment | 17,000 | Various upgrades to equipment and facilities | 500,000 |
| Update audiovisual equipment | 10,000 | | |
| Window replacement | 40,000 | Adie Knox Herman | |
| Trampoline | 12,000 | John Richardson Library - Plumbing, electrical and structural repairs | 103,000 |
| Painting | 27,000 | Ceiling tiles | 10,000 |
| Ceiling Tile Replacement (A, BC, D, N & Lobby) | 35,000 | Glass wall | 15,000 |
| | 141,000 | Tile the men's/women's change rooms | 19,000 |
| | | New benches | 6,000 |
| Malden Park Visitor Centre | | Outdoor security cameras | 25,000 |
| Landscaping Improvements | 30,000 | Painting of centre portion | 10,000 |
| | 30,000 | Tiling hallways with ceramic tile | 18,000 |
| | | Tiling for east wing | 8,000 |
| John Atkinson Memorial Centre | | Community Centre equipment and storage | 25,000 |
| Replace HVAC units | 79,500 | | |
| Replacement of windows (original from 1961) | 50,000 | Total | 1,049,500 |
| Add seating and shade to splash pad | 10,000 | | |
| | 139,500 | | |



Project Version Summary

| | | | |
|-----------------------|---------------------------------------|---------------------|---|
| Project # | REC-001-18 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Recreation & Culture |
| Asset Type | Unassigned | Division | Cultural Affairs |
| Title | Monument and Memorial Capital Repairs | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|---|---------------------------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | |
| Capital repairs to monuments and memorials throughout the City of Windsor such as Boer War Monument, Centotaph and the Polish monument. Funds are required for repairs due to the public risk involved as the public tend to climb or get close to read particular monuments that are in need of repair. | | | | Funds are required to commence repairs on the Boer War, Cenotaph and Polish monument to reduce public risk. | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 75,000 | 75,000 | 150,000 | 300,000 | | | | | |
| 2021 | 0 | 0 | 0 | Total | 0 | 0 | 0 | 0 | 75,000 | 75,000 | 150,000 | 300,000 | | | | | |
| 2022 | 75,000 | 75,000 | 0 | Revenues | | | | | | | | | | | | | |
| 2023 | 75,000 | 75,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | |
| 2024+ | 150,000 | 150,000 | 0 | | 0 | 0 | 0 | 0 | 75,000 | 75,000 | 150,000 | 300,000 | | | | | |
| | 300,000 | 300,000 | 0 | Total | 0 | 0 | 0 | 0 | 75,000 | 75,000 | 150,000 | 300,000 | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | | | |
| 2018 | January 1, 2022 | Growth: 0.0 % Maintenance: 0.0 % | | Cathy Masterson | | | | Ongoing | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---|
| Project # | HCP-011-07 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Recreation & Culture |
| Asset Type | Unassigned | Division | Recreation Facilities |
| Title | Willistead Complex Restoration Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | Ward 4 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|---|----------------------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|------------------|-------------------|--|--|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | | |
| <p>The Willistead Board of Directors Restoration Committee has identified a number of capital improvements designed to enhance the overall appearance of the facility as well as maintain its heritage and architectural integrity.</p> <p>The Board of Directors along with the Restoration Committee will review annually a priority list of capital improvements related to heritage and architectural integrity of the Willistead Complex.</p> | | | | Improvements related to the heritage and architectural integrity within the Willistead Complex. | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | |
| 7075065 | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | |
| | | <u>Revenue</u> | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5411 Construction Contracts-Non TCA | | | | | | | | | | | | | | | | |
| 2020 | 100,000 | 100,000 | 0 | | 0 | 0 | 100,000 | 0 | 0 | 0 | 0 | 0 | 100,000 | | | | | | | |
| 2021 | 0 | 0 | 0 | Total | 0 | 0 | 100,000 | 0 | 0 | 0 | 0 | 0 | 100,000 | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 135 Willistead Improvements | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 0 | 100,000 | 0 | 0 | 0 | 0 | 0 | 100,000 | | | | | | | |
| | 100,000 | 100,000 | 0 | Total | 0 | 0 | 100,000 | 0 | 0 | 0 | 0 | 0 | 100,000 | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | |
| | | <u>Revenue</u> | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | | | | | | | |
| 2007 | 55,000 | 55,000 | 0 | | | | | | | | | | | | | | | | | |
| 2008 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | | |
| 2010 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | | |
| 2011 | 25,000 | 25,000 | 0 | | | | | | | | | | | | | | | | | |
| 2012 | 25,000 | 25,000 | 0 | | | | | | | | | | | | | | | | | |
| 2013 | 25,000 | 25,000 | 0 | | | | | | | | | | | | | | | | | |
| 2014 | 25,000 | 25,000 | 0 | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | | | | | | | |
| | | | | Unknown | No Operating Budget Impact | | | | | | | 0 | 0 | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | | | | | | |
| 2007 | January 1, 2020 | Growth: 0.0 % Maintenance: 0.0 % | | Jan Wilson | | | | 2020 | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|-------------------------------|---------------------|---|
| Project # | REC-001-16 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Recreation & Culture |
| Asset Type | Unassigned | Division | Recreation Facilities |
| Title | Forest Glade New Gym Addition | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | Ward 7 | | |
| Version Name | Main (Active) | | |

| Project Description | | Version Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|---------------------|-----------------------------|-------------|-----------|------------|-----------|---|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|------|------------------------------|--|--|--|--|--|--|--|--|---|---|---|---|---|---|-----------|-----------|-------|---|---|---|---|---|---|-----------|-----------|-----------------|--|--|--|--|--|--|--|--|-----|---------------------------------|--|--|--|--|--|--|--|--|---|---|---|---|---|---|-----------|-----------|-------|---|---|---|---|---|---|-----------|-----------|
| To construct a new gym addition at Forest Glade Community Centre. | | Current information suggests the new gym addition at Forest Glade community Centre would be well utilized and received in the community. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | Version Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 2,000,000 | 2,000,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2,000,000 | 2,000,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5410</td> <td colspan="8">Construction Contracts - TCA</td> </tr> <tr> <td></td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">2,000,000</td> <td style="text-align: right;">2,000,000</td> </tr> <tr> <td style="text-align: right;">Total</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">2,000,000</td> <td style="text-align: right;">2,000,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169</td> <td colspan="8">Pay As You Go - Capital Reserve</td> </tr> <tr> <td></td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">2,000,000</td> <td style="text-align: right;">2,000,000</td> </tr> <tr> <td style="text-align: right;">Total</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">2,000,000</td> <td style="text-align: right;">2,000,000</td> </tr> </tbody> </table> | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5410 | Construction Contracts - TCA | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 2,000,000 | 2,000,000 | Total | 0 | 0 | 0 | 0 | 0 | 0 | 2,000,000 | 2,000,000 | Revenues | | | | | | | | | 169 | Pay As You Go - Capital Reserve | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 2,000,000 | 2,000,000 | Total | 0 | 0 | 0 | 0 | 0 | 0 | 2,000,000 | 2,000,000 |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5410 | Construction Contracts - TCA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 2,000,000 | 2,000,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 2,000,000 | 2,000,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 2,000,000 | 2,000,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 2,000,000 | 2,000,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | Operating Budget Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>Based on the average 2014-2015 rental income from WFCU and John Atkinson Memorial Centre Recreation and Culture is able to forecast a net increase in operating budget income of \$12,350. The \$12,350 is derived from an increase in net revenue of \$44,250 in addition to an increase of \$18,700 in Hydro, \$9,300 in Gas and \$3,900 in water. Caretaking and routine maintenance for the addition are expected to be managed within the current Facilities Operations operating budget. The effective date would take place upon completion of construction and there is no FTE impact. Projected expenses may increase depending on year of construction.</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> </tr> </tbody> </table> | | Effective Date | Description | Exp/(Rev) | FTE Impact | Unknown | Based on the average 2014-2015 rental income from WFCU and John Atkinson Memorial Centre Recreation and Culture is able to forecast a net increase in operating budget income of \$12,350. The \$12,350 is derived from an increase in net revenue of \$44,250 in addition to an increase of \$18,700 in Hydro, \$9,300 in Gas and \$3,900 in water. Caretaking and routine maintenance for the addition are expected to be managed within the current Facilities Operations operating budget. The effective date would take place upon completion of construction and there is no FTE impact. Projected expenses may increase depending on year of construction. | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unknown | Based on the average 2014-2015 rental income from WFCU and John Atkinson Memorial Centre Recreation and Culture is able to forecast a net increase in operating budget income of \$12,350. The \$12,350 is derived from an increase in net revenue of \$44,250 in addition to an increase of \$18,700 in Hydro, \$9,300 in Gas and \$3,900 in water. Caretaking and routine maintenance for the addition are expected to be managed within the current Facilities Operations operating budget. The effective date would take place upon completion of construction and there is no FTE impact. Projected expenses may increase depending on year of construction. | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2016 | January 1, 2024 | Growth: 0.0 % Maintenance: 0.0 % | Jan Wilson | 2024+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|-------------------------------|---------------------|---|
| Project # | REC-002-07 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Recreation & Culture |
| Asset Type | Unassigned | Division | Recreation Facilities |
| Title | Lakeview Park Marina Upgrades | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | Ward 6, Ward 7 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | |
|--|----------------------|------------------------------------|-------------------------|--|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--|--|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | |
| Lakeview Marina maintenance and upgrades are needed to make it a more viable business. Repairs and renovations are required to reconfigure and refurbish docks to make them more suitable to local business and to remain competitive with other facilities. | | | | 2018: Dock Repairs 2020: Continuation of Dock Repairs 2021+: Parking Lot Revamp, East and West Side Basin Dock Repair, General Dock Repair and Dredging, Ongoing Maintenance and General Structural Repairs. | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | |
| 7061146/7171033 | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | | | | | | |
| 2018 | 50,000 | 50,000 | 0 | Expenses | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | |
| 2020 | 55,000 | 55,000 | 0 | 50,000 0 55,000 100,000 50,000 50,000 1,095,000 1,400,000 | | | | | | | | | | | | | | | |
| 2021 | 100,000 | 100,000 | 0 | Total 50,000 0 55,000 100,000 50,000 50,000 1,095,000 1,400,000 | | | | | | | | | | | | | | | |
| 2022 | 50,000 | 50,000 | 0 | Revenues | | | | | | | | | | | | | | | |
| 2023 | 50,000 | 50,000 | 0 | 165 Lakeview Park Marina | | | | | | | | | | | | | | | |
| 2024+ | 1,095,000 | 1,095,000 | 0 | 0 0 55,000 100,000 0 0 0 155,000 | | | | | | | | | | | | | | | |
| 1,400,000 | 1,400,000 | 0 | | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | |
| | | | | 50,000 0 0 0 50,000 50,000 1,095,000 1,245,000 | | | | | | | | | | | | | | | |
| | | | | Total 50,000 0 55,000 100,000 50,000 50,000 1,095,000 1,400,000 | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | | | | | | |
| 2012 | 60,000 | 60,000 | 0 | | | | | | | | | | | | | | | | |
| 2017 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | |
| | | | | Effective Date Description Exp/(Rev) FTE Impact | | | | | | | | | | | | | | | |
| | | | | Unknown No Operating Budget Impact 0 0 | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | | | | | |
| 2007 | January 1, 2017 | Growth: 0.0 % Maintenance: 100.0 % | Jan Wilson/Tom Graziano | Ongoing | | | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---|
| Project # | REC-005-16 | Service Area | Office of Parks, Rec., Culture & Facilities |
| Budget Year | 2018 | Department | Recreation & Culture |
| Asset Type | Unassigned | Division | Recreation Facilities |
| Title | Gino & Liz Marcus Community Centre Family Change Room | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | Ward 5 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|---|---------------------------------------|----------------------------------|------------------|---|--|----------------------------|-------------|-----------------------------|-------------|------------------|-------------|-------------------|--------------|
| Project Description | | | | Version Description | | | | | | | | | |
| In accordance with B68-2015, Council approved the "Proposed 2016 Enhanced Capital Budget" in the form of placeholder allocations in the budget with reports to BE PREPARED for Council's consideration. | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| 7161051 | | | | As per CR498/2016, \$1,100,000 pre-commitment in principle for the Gino & Liz Marcus Family Change Room (Canada 150 Community Infrastructure Program). On August 22, 2016, report #S94/2016, CR512/2016 was formally approved pre-committing these funds. | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | 0 | 0 | 1,100,000 | 0 | 0 | 0 | 0 | 1,100,000 |
| 2020 | 1,100,000 | 1,100,000 | 0 | Total | | 0 | 0 | 1,100,000 | 0 | 0 | 0 | 0 | 1,100,000 |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | 0 | 0 | 1,100,000 | 0 | 0 | 0 | 0 | 1,100,000 |
| 2024+ | 0 | 0 | 0 | Total | | 0 | 0 | 1,100,000 | 0 | 0 | 0 | 0 | 1,100,000 |
| | 1,100,000 | 1,100,000 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| Related Projects | | | | Effective Date | | Description | | | | Exp/(Rev) | | FTE Impact | |
| Precedes | | Project Title | | Unknown | | No Operating Budget Impact | | | | 0 | | 0 | |
| REC-003-07 | Municipal Pools Refurbishment Program | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | |
| 2016 | September 30, 2016 | Growth: 0.0 % Maintenance: 0.0 % | | Jan Wilson/Tom Graziano | | | | 2017 | | | | | |

2018 Approved Capital Budget



Capital Project Summaries

Office of the Chief Administrative Officer



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | CAO-001-16 | Service Area | Office of the CAO |
| Budget Year | 2018 | Department | CAO's Office |
| Asset Type | Unassigned | Division | Administration - CAO's Office |
| Title | City Contribution Placeholder for Transfer of Paul Martin Bldg. to University of Windsor | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Community & Economic Development | | |
| Wards | Ward 3 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|-------------------------------------|--|----------------------------|-------------|-----------------------------|-------------|-------------|-------------|--------------|--------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | | | |
| As part of the Federal Government's agreement to transfer the Paul Martin building on Ouellette Avenue over to the City of Windsor, negotiations continue with the University of Windsor to provide for a contribution to convert the building to the new Law School in the downtown core. The expenditure of \$15.0M is to come from the 2019 (\$7.5M) and 2020 (\$7.5M) unallocated debt reduction levy. | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | |
| 2019 | 7,500,000 | 7,500,000 | 0 | | | 0 | 7,500,000 | 7,500,000 | 0 | 0 | 0 | 0 | 15,000,000 | | |
| 2020 | 7,500,000 | 7,500,000 | 0 | | | Total | | 0 | 7,500,000 | 7,500,000 | 0 | 0 | 15,000,000 | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | 0 | 7,500,000 | 7,500,000 | 0 | 0 | 0 | 0 | 15,000,000 | | |
| 2024+ | 0 | 0 | 0 | | | Total | | 0 | 7,500,000 | 7,500,000 | 0 | 0 | 15,000,000 | | |
| 15,000,000 | | 15,000,000 | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | | No Operating Budget Impact | | | | | | | | 0 | 0 |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2016 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | | Onorio Colucci | | | | 2020 | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------------------|
| Project # | CAO-002-18 | Service Area | Office of the CAO |
| Budget Year | 2018 | Department | CAO's Office |
| Asset Type | Unassigned | Division | Administration - CAO's Office |
| Title | New Windsor-Essex Hospital System Plan | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Community & Economic Development | | |
| Wards | | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|-------------------------------------|--|-------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|
| Project Description | | | | Version Description | | | | | | | | | |
| Contribution to the reserve fund for the municipality's share of the new Windsor-Essex Hospital System Plan. | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 4250 TRANSFER to Reserve Fund | | | | | | 0 | 6,900,000 | 33,800,000 | 40,700,000 |
| 2019 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 6,900,000 | 33,800,000 | 40,700,000 |
| 2020 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 6,900,000 | 33,800,000 | 40,700,000 |
| 2021 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 6,900,000 | 33,800,000 | 40,700,000 |
| 2022 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 6,900,000 | 33,800,000 | 40,700,000 |
| 2023 | 6,900,000 | 6,900,000 | 0 | Revenues | | | | | | | | | |
| 2024+ | 33,800,000 | 33,800,000 | 0 | 169 Pay As You Go - Capital Reserve | | 0 | 0 | 0 | 0 | 0 | 6,900,000 | 33,800,000 | 40,700,000 |
| | 40,700,000 | 40,700,000 | 0 | | | 0 | 0 | 0 | 0 | 0 | 6,900,000 | 33,800,000 | 40,700,000 |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | |
| 2018 | January 1, 2023 | Growth: 0.0 % Maintenance: 0.0 % | | TBD | | | | | 2028 | | | | |

2018 Approved Capital Budget



Capital Project Summaries

Office of the Chief Financial Officer



Project Version Summary

| | | | |
|-----------------------|---|---------------------|--------------------------|
| Project # | FIN-006-16 | Service Area | Office of the CFO |
| Budget Year | 2018 | Department | Finance |
| Asset Type | Unassigned | Division | Administration - Finance |
| Title | (Legislated) Liability for Contaminated Sites | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Community & Economic Development | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

Project Description

By virtue of the Municipal Act, the City is legislatively required to prepare audited financial statements on the basis of Public Sector Accounting Board (PSAB) standards. PSAB has introduced a new standard 3260 Liability for Contaminated Sites which the City is required to comply with in our 2015 consolidated financial statements (to be prepared in early 2016).

For contaminated sites no longer in use or for which the City has assumed responsibility, we will be required to estimate:

- Costs directly attributable to remediation activities
- Post-remediation operation, maintenance and monitoring that are an integral part of the remediation strategy for a contaminated site
- The estimate of assets acquired, or to be acquired, as part of remediation activities to the extent those assets have no alternative use

We have already hosted a workshop with senior management across the City and have identified a number of potentially in-scope sites. In order to obtain verifiable data required to create an auditable estimate of the City's liability for contaminated sites, we will need to incur the following expenses:

- Internal project staff support
- Technical accounting consulting
- Consultant Site Assessments of potentially significant sites
- Additional audit costs

While the project is intended to satisfy the requirements of PSAB 3260 in the most cost effective manner possible, neither PSAB 3260 or this project provides any funding plan or remediation plan to actually manage or remediate any contaminated sites. Notwithstanding the above, any site assessments completed through this project may provide useful information as the City makes decisions to manage or remediate these sites.

Project Comments/Reference

7161003

Version Description

Version Comments

| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
|----------------------------|-----------------|----------------------------------|--------------|---------------------------|--|------|------|------|---------|------|-------|-----------|------------|--|
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 100,000 | 0 | 0 | 100,000 | | |
| 2020 | 0 | 0 | 0 | Total | 0 | 0 | 0 | 0 | 100,000 | 0 | 0 | 100,000 | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | |
| 2022 | 100,000 | 100,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 100,000 | 0 | 0 | 100,000 | | |
| 2024+ | 0 | 0 | 0 | Total | 0 | 0 | 0 | 0 | 100,000 | 0 | 0 | 100,000 | | |
| | 100,000 | 100,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | |
| 2016 | 200,000 | 200,000 | 0 | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | |
| | | | | Unknown | The PSAB standard (not necessarily the project) may have an operating impact – TBD | | | | | | 0 | 0 | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | |
| 2016 | January 1, 2016 | Growth: 0.0 % Maintenance: 0.0 % | Dan Seguin | Ongoing | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|--------------------------|
| Project # | FIN-009-15 | Service Area | Office of the CFO |
| Budget Year | 2018 | Department | Finance |
| Asset Type | Unassigned | Division | Administration - Finance |
| Title | Capital Reserve Replenishment Allocation | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Other | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | |
|---|----------------------|------------------------------------|------------------|--|---------------------------------|----------------------------|-------------|-----------------------------|-------------|------------------|-------------|-------------------|--------------|-----------|-----------|-----------|---|------------|
| Project Description | | | | Version Description | | | | | | | | | | | | | | |
| As per Council's previous directions relative to ensuring long term financial stability, and to ensure that the City's cash balances are sufficient to self finance capital projects without the need to resort to high cost of external borrowing, funding is being allocated to replenish and bolster reserves. These allocations are also meant to provide liquidity that could be accessed to fund unfunded or unexpected costs such as settlements of significant legal claims or significant retroactive payments relating to major property tax appeals. | | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | |
| | | | | As per the approved 2014 5-year Capital Plan, Council approved in principle funds from the 2016 - 2018 Debt Reduction Levy for a reserve replenishment allocation. | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | |
| | | <u>Revenue</u> | | <u>GL Account</u> | | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | | | | | | |
| 2018 | 3,210,000 | 3,210,000 | 0 | 4248 | TRANSFER to Reserve Account | | | | | | | | | | | | | |
| 2019 | 3,210,000 | 3,210,000 | 0 | | 3,210,000 | 3,210,000 | 3,210,000 | 3,210,000 | 3,210,000 | 3,210,000 | 0 | 19,260,000 | | | | | | |
| 2020 | 3,210,000 | 3,210,000 | 0 | | Total | | | | | | | | 3,210,000 | 3,210,000 | 3,210,000 | 3,210,000 | 0 | 19,260,000 |
| 2021 | 3,210,000 | 3,210,000 | 0 | Revenues | | | | | | | | | | | | | | |
| 2022 | 3,210,000 | 3,210,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | | |
| 2023 | 3,210,000 | 3,210,000 | 0 | | 3,210,000 | 3,210,000 | 3,210,000 | 3,210,000 | 3,210,000 | 3,210,000 | 0 | 19,260,000 | | | | | | |
| 2024+ | 0 | 0 | 0 | | Total | | | | | | | | 3,210,000 | 3,210,000 | 3,210,000 | 3,210,000 | 0 | 19,260,000 |
| | 19,260,000 | 19,260,000 | 0 | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | |
| | | <u>Revenue</u> | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | | | | | |
| 2016 | 3,210,000 | 3,210,000 | 0 | | | | | | | | | | | | | | | |
| 2017 | 3,210,000 | 3,210,000 | 0 | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | Exp/(Rev) | | FTE Impact | | | | | | |
| | | | | Unknown | | No Operating Budget Impact | | | | 0 | | 0 | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | | | | |
| 2015 | January 1, 2016 | Growth: 100.0 % Maintenance: 0.0 % | | Victor Ferranti | | | | 2023 | | | | | | | | | | |



Project Version Summary

Project # ECB-044-18 **Service Area** Office of the CFO
Budget Year 2018 **Department** Finance
Asset Type Unassigned **Division** Asset Planning

Title Financing Charges
Budget Status Council Approved Budget
Major Category Community & Economic Development
Wards City Wide
Version Name Main (Active)

| | | | | | | | | | | | | | |
|--|----------------------|------------------------------------|----------------------------------|-------------------|---------------------------------|-------------|-----------------------------|-------------|-------------|-------------|--------------|--------------|---------|
| Project Description | | | Version Description | | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | | | | | | | | | | |
| Project Comments/Reference | | | Version Comments | | | | | | | | | | |
| 7145005 | | | | | | | | | | | | | |
| Project Forecast | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 20,000 | 20,000 | 0 | 4530 | Temporary Financing Costs | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 20,000 | 0 | 64,000 | 0 | 0 | 75,000 | 0 | 159,000 | |
| 2020 | 64,000 | 64,000 | 0 | | <hr/> | | | | | | | | |
| 2021 | 0 | 0 | 0 | | Total | 20,000 | 0 | 64,000 | 0 | 0 | 75,000 | 0 | 159,000 |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | |
| 2023 | 75,000 | 75,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 20,000 | 0 | 64,000 | 0 | 0 | 75,000 | 0 | 159,000 | |
| | 159,000 | 159,000 | 0 | | <hr/> | | | | | | | | |
| | | | | | Total | 20,000 | 0 | 64,000 | 0 | 0 | 75,000 | 0 | 159,000 |
| Historical Approved Budget | | | Operating Budget Impact | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | Est. Completion Date | | | | | | |
| 2018 | January 1, 2018 | Growth: 0.0 % Maintenance: 100.0 % | Victor Ferranti | | | | TBD | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-------------------|
| Project # | FIN-001-15 | Service Area | Office of the CFO |
| Budget Year | 2018 | Department | Finance |
| Asset Type | Unassigned | Division | Asset Planning |
| Title | Sub-Metering - Energy Cost Savings Initiative | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|---|--|----------------------------|-------------|-----------------------------|----------------|-------------|-------------|------------------|----------------|-------------------|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| Administration will develop a sub-metering project at two strategic locations that represent two of the City's main energy consumers - Lou Romano and Windsor International Aquatic and Training Centre (WIATC). Sub-metering is the monitoring of the electrical, gas, water, steam or other commodities' consumption by individual equipment, processes or systems in a building. Sub-metering can be used to measure energy consumption of HVAC, lighting, refrigeration, compressors, pumps, etc. In addition to the main meter used by utilities to determine overall building consumption, sub-metering utilizes individual meters that allow building and facility managers to have real-time visibility into the energy use and performance of the equipment, creating opportunities for energy and capital savings. Traditional utility bill analysis uses information that is up to 45 days after usage and is too aggregated (about 30 days). Sub-metering addresses this information gap providing real-time granular visibility of energy consumption, therefore can be utilized to optimize operations and save energy. | | | | Sub-metering has the potential to help saving approximately 2% the annual energy consumption that translates to \$60,000 in savings. Approximate payback of the project is less than 3 years. Benefits include: <ul style="list-style-type: none"> - Identification of unnecessary equipment running at night, off shift or during weekends. - Ability to transmit information back to operators and facility managers the same day and provide operators with feedback the next day about implemented changes. - Comparison and benchmarking of usage across similar facilities and over time. - Detection of utility bill errors by comparing sub-meter usage with actual utility bill. - Better management of electricity usage when the facility faces demand limits or peak usage pricing. The OPA (Ontario Power Authority) provides incentives for these type of projects in the amount of \$20,000. | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | 0 | 0 | 0 | 150,000 | 0 | 0 | 0 | 150,000 | | |
| 2019 | 0 | 0 | 0 | | | 0 | 0 | 0 | 150,000 | 0 | 0 | 0 | 150,000 | | |
| 2020 | 0 | 0 | 0 | | | 0 | 0 | 0 | 150,000 | 0 | 0 | 0 | 150,000 | | |
| 2021 | 150,000 | 150,000 | 0 | | | 0 | 0 | 0 | 150,000 | 0 | 0 | 0 | 150,000 | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | 0 | 0 | 0 | 150,000 | 0 | 0 | 0 | 150,000 | | |
| 2024+ | 0 | 0 | 0 | | | 0 | 0 | 0 | 150,000 | 0 | 0 | 0 | 150,000 | | |
| | 150,000 | 150,000 | 0 | | | 0 | 0 | 0 | 150,000 | 0 | 0 | 0 | 150,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| Related Projects | | | | Effective Date | | Description | | | | | | Exp/(Rev) | | FTE Impact | |
| | | | | Unknown | | No Operating Budget Impact | | | | | | 0 | | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2015 | July 1, 2021 | Growth: 0.0 % Maintenance: 0.0 % | | Sergio Grando/Sokol Aliko | | | | 2021 | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|-----------------------------------|---------------------|-------------------|
| Project # | FIN-001-18 | Service Area | Office of the CFO |
| Budget Year | 2018 | Department | Finance |
| Asset Type | | Division | Asset Planning |
| Title | Net Metering | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | | | |
| Version Name | Main (Active) | | |

Project Description

With the expiration of the Ontario's Small Feed-in Tariff (FIT) program which pays renewable electricity producers to export power to the provincial grid, Energy Initiatives is exploring alternative agreements to utilize rooftop solar generation at Corporate facilities for electricity cost savings and greenhouse gas emission reduction.

"Net-metering" is an agreement with the local distribution company (EnWin Utilities Ltd.) and Ontario's Independent Electricity System Operator (IESO) to utilize the renewable power generated at a facility on-site. Electricity production in excess of that utilized by the building is delivered to the local utility grid and credited to offset future electricity costs. Because Net-metering allows for the integration of renewable energy generation and energy storage, it is a suitable arrangement for a photovoltaic solar and battery storage scheme which sees one or more properties supported by an incorporated power generation system.

Ten sites for net-metered solar generation have been identified to produce and utilize electricity on-site for annual energy cost savings. These sites represent 1.5 MW of installed power and cost savings when fully implemented of approximately \$250,000 annually. Administration is pursuing capital funding opportunities through IESO's saveONenergy incentive programs to improve the return on investment for this project.

Administration is recommending a phased in approach over 5 years relative to the installation of PV systems at various sites.

Project Comments/Reference

Project Forecast

| Year | Total Expense | Revenue | |
|-------|------------------|------------------|-----------|
| | | Net City Cost | Subsidies |
| 2018 | 0 | 0 | 0 |
| 2019 | 0 | 0 | 0 |
| 2020 | 0 | 0 | 0 |
| 2021 | 0 | 0 | 0 |
| 2022 | 0 | 0 | 0 |
| 2023 | 0 | 0 | 0 |
| 2024+ | 4,000,000 | 4,000,000 | 0 |
| | 4,000,000 | 4,000,000 | 0 |

Historical Approved Budget

Version Description

Version Comments

Project Detailed Forecast

| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
|-------------------------------------|------|------|------|------|------|------|-----------|-----------|
| Expenses | | | | | | | | |
| 5410 Construction Contracts - TCA | 0 | 0 | 0 | 0 | 0 | 0 | 4,000,000 | 4,000,000 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 4,000,000 | 4,000,000 |
| Revenues | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 4,000,000 | 4,000,000 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 4,000,000 | 4,000,000 |

| Related Projects | | Operating Budget Impact | | |
|------------------|---------------|----------------------------------|----------------------------|----------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date |
| 2018 | April 1, 2024 | Growth: 0.0 % Maintenance: 0.0 % | Sergio Grando/Cole Nadalin | Fall 2024 |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------|
| Project # | FIN-002-15 | Service Area | Office of the CFO |
| Budget Year | 2018 | Department | Finance |
| Asset Type | Unassigned | Division | Asset Planning |
| Title | Corporate Wide Facilities LED Conversion | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|---------------------------|---|--|-------------|------------------|-------------|-------------|-------------|-------------|------------------|-------------------|--|---|-----------|---|---|---|---|---|---|-----------|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | | | | | |
| <p>This project will entail converting, where applicable, all fluorescent lights, metal halide, and other lighting technology to LED lighting at all corporate facilities. The project will be implemented over a 3 year period and will include all city operated offices and facilities.</p> <p>The efficiency and current cost of LED lights make them a viable solution to replacing the traditional lights. The electricity savings could be from 50% up to 90% relative to other types of lamps. They are even more efficient than the advanced T8 and T5 linear fluorescent lamps. Furthermore, LED lights last more than 75,000 hours compared to 1,000 hours for incandescent lamps, 10,000 for compact fluorescent lamps, and 30,000 hours for linear fluorescent lamps.</p> | | | | <p>A conservative savings projection of 12% can be attributed to LED conversion. The estimation is based on a conversion of approximately 50,000 lamps in City facilities and buildings. With prices that range from \$10-\$50 per lamp / fixture, the cost of LED conversion, including labour, is around \$1,100,000.</p> <p>Annual savings will be approximately \$225,000 and the payback of the project is about 5 years.</p> <p>The project will be implemented in stages over a three-year timeframe, starting with incandescent, sodium, and metal halide lights.</p> | | | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | | | | |
| 7175000 | | | | <p>CR245/2017 approved \$157,525 of the \$1.2m from the approved in principle 2019 capital budget for 30 Corporate Facilities' lighting systems - MCW Energy Solutions Ltd (audit).</p> <p>CR776/2017 approved a pre-commitment of \$1,042,475 for LED lighting conversion project approved in principle in the 2019 capital budget plan.</p> | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | | | | | | | |
| 2019 | 1,200,000 | 1,200,000 | 0 | | | 0 | 1,200,000 | 0 | 0 | 0 | 0 | 0 | 1,200,000 | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | 0 | 1,200,000 | 0 | 0 | 0 | 0 | 0 | 1,200,000 | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | |
| | 1,200,000 | 1,200,000 | 0 | | | 0 | 1,200,000 | 0 | 0 | 0 | 0 | 0 | 1,200,000 | | | | | | | | | | |
| Historical Approved Budget | | | | Revenues | | | | | | | | | | | | | | | | | | | |
| | | | | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | | | | |
| | | | | <td></td> <td>0</td> <td>1,200,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1,200,000</td> | | | | | | | | | | | 0 | 1,200,000 | 0 | 0 | 0 | 0 | 0 | 0 | 1,200,000 |
| | | | | <td></td> <td>0</td> <td>1,200,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1,200,000</td> | | | | | | | | | | | 0 | 1,200,000 | 0 | 0 | 0 | 0 | 0 | 0 | 1,200,000 |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | | | | | | | | | | |
| | | | | Unknown | Operational savings - 15% Energy Savings | | | | | | | 0 | 0 | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | | | | | | | | | |
| 2015 | July 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | Sergio Grando/Sokol Aliko | 2020 | | | | | | | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------|
| Project # | FIN-003-14 | Service Area | Office of the CFO |
| Budget Year | 2018 | Department | Finance |
| Asset Type | Unassigned | Division | Asset Planning |
| Title | Energy Efficiency Engineering Studies for Arenas | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|---|--|---|-------------|-----------------------------|-------------|-------------|-------------|------------------|--------------|-------------------|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| <p>Arenas represent some of the Corporation's largest consumers of electricity. Currently administration is undertaking a \$40,000 detailed engineering study at Forest Glade Arena and South Windsor Arena, totally funded by the Ontario Power Authority.</p> <p>The study will focus primarily on energy efficiency upgrades for the refrigeration systems serving the arena ice pads. The recommendations resulting from the detailed engineering study with associated costs will be reported to Council for approval and implementation. It is estimated that these costs will be in the range of \$200,000.</p> | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| 7141043 | | | | CR34/2015 approved a pre-commitment of \$100,000 from the 2019 capital budget request of \$200,000. Budget of \$100,000 has been set up in 7141043 - Oakwood Community Centre for 2015 but not funded until 2019. | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | 0 | 200,000 | 0 | 0 | 0 | 0 | 0 | 200,000 | | |
| 2019 | 200,000 | 200,000 | 0 | Total | | 0 | 200,000 | 0 | 0 | 0 | 0 | 0 | 200,000 | | |
| 2020 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | 0 | 200,000 | 0 | 0 | 0 | 0 | 0 | 200,000 | | |
| 2022 | 0 | 0 | 0 | Total | | 0 | 200,000 | 0 | 0 | 0 | 0 | 0 | 200,000 | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | |
| 200,000 | | 200,000 | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | Exp/(Rev) | | FTE Impact | |
| | | | | Unknown | | Operational savings - 8% Energy Savings | | | | | | 0 | | 0 | |
| Related Projects | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2014 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | | Sergio Grando | | | | December 31, 2019 | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-------------------|
| Project # | FIN-003-15 | Service Area | Office of the CFO |
| Budget Year | 2018 | Department | Finance |
| Asset Type | Unassigned | Division | Asset Planning |
| Title | Corporate Wide Facilities Lighting Sensors and Timers | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|---|----------------------|------------------------------------|------------------|---|--|-------------|-------------|-------------|-----------------------------|-------------|--------------|------------------|-------------------|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| This project will consist of installing timers and occupancy/photo sensors in all applicable locations in city buildings and facilities. By turning lights off when spaces are unoccupied, occupancy sensors and timers compliment load reductions accomplished by lamp retrofits, giving building operators additional opportunities to improve energy savings without compromising lighting service. With typical estimated energy savings potential from 25% to more than 50% of lighting energy, occupancy sensors have frequently been promoted as one of the most cost effective technologies available for retrofitting. The magnitude of the savings will depend upon the time delay setting, and when the peak demand occurs, which may vary among building types. | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7175000 | | | | CR776/2017 approved a pre-commitment of \$55,000 in 2018 and \$5,000 in 2020 for lighting timers and sensors to partially fund the LED lighting retrofit and redesign conversion project. | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | |
| 2018 | 55,000 | 55,000 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 55,000 | 0 | 5,000 | 0 | 0 | 0 | 0 | 60,000 | | |
| 2020 | 5,000 | 5,000 | 0 | Total | 55,000 | 0 | 5,000 | 0 | 0 | 0 | 0 | 60,000 | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 160 | Capital Expenditure Reserve | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 55,000 | 0 | 5,000 | 0 | 0 | 0 | 0 | 60,000 | | |
| 2024+ | 0 | 0 | 0 | Total | 55,000 | 0 | 5,000 | 0 | 0 | 0 | 0 | 60,000 | | |
| | 60,000 | 60,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | |
| | | | | Unknown | The estimated annual savings are \$15,000 with a simple payback period of 4 years. - 5% Energy savings | | | | | | | 0 | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | |
| 2015 | July 1, 2020 | Growth: 100.0 % Maintenance: 0.0 % | | Sergio Grando/Sokol Aliko | | | | | 2020+ | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------|
| Project # | FIN-003-18 | Service Area | Office of the CFO |
| Budget Year | 2018 | Department | Finance |
| Asset Type | | Division | Asset Planning |
| Title | Geothermal/High Efficiency Heating and Cooling Systems | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|----------------------------------|---------------------------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | |
| <p>Geothermal technology utilizes the earth's inherent temperature to deliver heating and cooling to a building. A fluid is circulated through buried piping to cool a facility by extracting and depositing heat during warm months, and alternatively drawing heat from the earth to provide warmth during colder months. By replacing aged electrical and gas-fired systems with this ground source heat pump, both recurring cost savings and greenhouse gas emissions reductions are possible.</p> <p>Geothermal systems are being assessed for the Corporation's heritage sites including Willistead Manor, Mackenzie Hall Cultural Centre, Capitol Theatre and South Windsor Arena; projects which can deliver significant operational savings to the City of Windsor. Energy Initiatives has applied for funding through FCM to execute a detailed engineering study at each property in order to determine its capability of utilizing geothermal or an appropriate high efficiency heating and cooling system.</p> | | | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | |
| | | <u>Revenue</u> | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 1,000,000 | 1,000,000 | | | | | | | |
| 2021 | 0 | 0 | 0 | Total | 0 | 0 | 0 | 0 | 0 | 0 | 1,000,000 | 1,000,000 | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | | | |
| 2024+ | 1,000,000 | 1,000,000 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 1,000,000 | 1,000,000 | | | | | | | |
| | 1,000,000 | 1,000,000 | 0 | Total | 0 | 0 | 0 | 0 | 0 | 0 | 1,000,000 | 1,000,000 | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | | | |
| 2018 | July 1, 2024 | Growth: 0.0 % Maintenance: 0.0 % | | Sergio Grando/Cole Nadalin | | | | | 2024+ | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-------------------|
| Project # | FIN-004-15 | Service Area | Office of the CFO |
| Budget Year | 2018 | Department | Finance |
| Asset Type | Unassigned | Division | Asset Planning |
| Title | 400 City Hall Square Energy Efficiency Upgrades | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | Ward 3 | | |
| Version Name | Main (Active) | | |

| Project Description | | | Version Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|----------------------------------|---|---------------|---------|-----------------------------|---------------|-----------|------|----------------|-------------|-----------|------------|---------|---|---|------|---|---|---|------|---------|---------|---|------|---|---|---|------|---|---|---|-------|---|---|---|--|----------------|----------------|----------|--|--|--|--|--|--|--|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|---|---|---|---------|---|---|---|---------|-------|---|---|---|---------|---|---|---|---------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|---|---|---|---------|---|---|---|---------|-------|---|---|---|---------|---|---|---|---------|
| The City of Windsor is participating in the Canada-wide "Town Hall Challenge" campaign. This program compiles good practice design, retrofit and operational metrics for lighting, equipment, HVAC, and other building systems to create a model building operating at 20 kWh/ft2. Participating in the campaign exhibits a commitment to achieve the target of 20 kWh/ft2 by 2015. The City of Windsor currently ranks fifth among reporting "Town Halls". | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | Version Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th rowspan="2">Year</th> <th rowspan="2">Total Expense</th> <th colspan="2">Revenue</th> </tr> <tr> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2019</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2020</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2021</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2022</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2024+</td><td>0</td><td>0</td><td>0</td></tr> <tr><td></td><td>100,000</td><td>100,000</td><td>0</td></tr> </tbody> </table> | | | Year | Total Expense | Revenue | | Net City Cost | Subsidies | 2018 | 0 | 0 | 0 | 2019 | 0 | 0 | 0 | 2020 | 0 | 0 | 0 | 2021 | 100,000 | 100,000 | 0 | 2022 | 0 | 0 | 0 | 2023 | 0 | 0 | 0 | 2024+ | 0 | 0 | 0 | | 100,000 | 100,000 | 0 | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>2915 Consulting Services - External</td> <td>0</td> <td>0</td> <td>0</td> <td>100,000</td> <td>0</td> <td>0</td> <td>0</td> <td>100,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>100,000</td> <td>0</td> <td>0</td> <td>0</td> <td>100,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td>0</td> <td>0</td> <td>0</td> <td>100,000</td> <td>0</td> <td>0</td> <td>0</td> <td>100,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>100,000</td> <td>0</td> <td>0</td> <td>0</td> <td>100,000</td> </tr> </tbody> </table> | | | | | | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 2915 Consulting Services - External | 0 | 0 | 0 | 100,000 | 0 | 0 | 0 | 100,000 | Total | 0 | 0 | 0 | 100,000 | 0 | 0 | 0 | 100,000 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | 0 | 0 | 0 | 100,000 | 0 | 0 | 0 | 100,000 | Total | 0 | 0 | 0 | 100,000 | 0 | 0 | 0 | 100,000 |
| Year | Total Expense | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2915 Consulting Services - External | 0 | 0 | 0 | 100,000 | 0 | 0 | 0 | 100,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 100,000 | 0 | 0 | 0 | 100,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | 0 | 0 | 0 | 100,000 | 0 | 0 | 0 | 100,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 100,000 | 0 | 0 | 0 | 100,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | Operating Budget Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | <table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>The saving potential is around \$20,000 a year. The energy audit undertaken by MCW Energy Solutions Inc. (July 2014) will identify and recommend specific energy reduction measures. Approximate payback of the project is 2-3 years. 7% Energy Savings</td> <td>0</td> <td>0</td> </tr> </tbody> </table> | | | | | | | Effective Date | Description | Exp/(Rev) | FTE Impact | Unknown | The saving potential is around \$20,000 a year. The energy audit undertaken by MCW Energy Solutions Inc. (July 2014) will identify and recommend specific energy reduction measures. Approximate payback of the project is 2-3 years. 7% Energy Savings | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unknown | The saving potential is around \$20,000 a year. The energy audit undertaken by MCW Energy Solutions Inc. (July 2014) will identify and recommend specific energy reduction measures. Approximate payback of the project is 2-3 years. 7% Energy Savings | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | Est. Completion Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2015 | July 1, 2021 | Growth: 0.0 % Maintenance: 0.0 % | Sergio Grando/Sokol Aliko | | | 2021 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Project Version Summary

Project # FIN-004-18 **Service Area** Office of the CFO
Budget Year 2018 **Department** Finance
Asset Type Unassigned **Division** Asset Planning

Title Enterprise Wide Energy Management System Software
Budget Status Council Approved Budget
Major Category Corporate Property Infrastructure
Wards
Version Name Main (Active)

Project Description

Centralized and common support for the development and installation of an energy management system throughout the City of Windsor's many properties and buildings brings an enhanced means of addressing shared issues. This includes joining and leveraging similar projects for overall capital cost savings, and bettering communication and transparency concerning energy asset management throughout the Corporation.

Because energy data is currently received at regular billing intervals, heightened consumption is ordinarily observed between thirty and forty-five days following an event. Daily monitoring enabled by an integrated monitoring system can prevent the persistence of increased consumption and cost by alerting Energy Initiatives to respond to anomalies in individual equipment use and a facility's power quality, which can prolong the life of motors, pumps, compressors, and other systems throughout the Corporation.

For power generation and energy infrastructure projects, improved technical collaboration among the City of Windsor and stakeholders in Windsor's energy supply (EnWin Utilities, District Energy Windsor, and Union Gas) are capable of delivering added value by marrying individual efforts for more impactful and cost-effective projects. Facilitating this cooperation and the development of an integrated energy management system requires a dedicated individual to liaise between the City of Windsor's Asset Planning, Facilities, and Information Technology (I.T.) departments toward establishing its fundamental elements of hardware, software, and infrastructure including distributed sub-metering and building automation systems. It further involves coordinating process changes both internally and at Windsor's utilities for the real-time collection and transmission of electricity, natural gas, and district energy consumption data.

Project Comments/Reference

Project Forecast

| Year | Total Expense | Revenue | |
|-------|----------------|----------------|-----------|
| | | Net City Cost | Subsidies |
| 2018 | 0 | 0 | 0 |
| 2019 | 0 | 0 | 0 |
| 2020 | 0 | 0 | 0 |
| 2021 | 0 | 0 | 0 |
| 2022 | 0 | 0 | 0 |
| 2023 | 0 | 0 | 0 |
| 2024+ | 300,000 | 300,000 | 0 |
| | 300,000 | 300,000 | 0 |

Historical Approved Budget

Version Description

Version Comments

Project Detailed Forecast

| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
|-------------------------------------|----------|----------|----------|----------|----------|----------|----------------|----------------|
| Expenses | | | | | | | | |
| 5410 Construction Contracts - TCA | 0 | 0 | 0 | 0 | 0 | 0 | 300,000 | 300,000 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 300,000 | 300,000 |
| Revenues | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 300,000 | 300,000 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 300,000 | 300,000 |

| Related Projects | | | Operating Budget Impact | | |
|------------------|-----------------|----------------------------------|----------------------------|----------------------|----------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | |
| 2018 | October 1, 2024 | Growth: 0.0 % Maintenance: 0.0 % | Sergio Grando/Cole Nadalin | Fall 2024 | |
| | | | Effective Date | Description | Exp/(Rev) FTE Impact |
| | | | 2022-01-01 | Ongoing Maintenance | 25,000 0 |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------|
| Project # | FIN-005-15 | Service Area | Office of the CFO |
| Budget Year | 2018 | Department | Finance |
| Asset Type | Unassigned | Division | Asset Planning |
| Title | Little River Pollution Control Plant Energy Efficiency Measures Implementation | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | Ward 7 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|---------------------------|-------------------------------------|--|-------------|-------------|-------------|-------------|-------------|--------------|-----------------------------|-------------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| <p>The City is completing an Engineering Study at Little River Plant as part of the 2014 Capital Budget energy efficiency project that will identify energy savings opportunities. The project identified below will be developed in tandem with the 2014 study.</p> <p>The preliminary findings show that elimination of the dewatered sludge pumps and replacement with augers will save approximately 400,000 kWh annually.</p> | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | <u>Revenue</u> | | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 2915 Consulting Services - External | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 150,000 | 0 | 0 | 0 | 0 | 0 | 150,000 | | |
| 2020 | 150,000 | 150,000 | 0 | Total | 0 | 0 | 150,000 | 0 | 0 | 0 | 0 | 0 | 150,000 | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 208 Pollution Control Reserve | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 0 | 150,000 | 0 | 0 | 0 | 0 | 0 | 150,000 | | |
| 2024+ | 0 | 0 | 0 | Total | 0 | 0 | 150,000 | 0 | 0 | 0 | 0 | 0 | 150,000 | | |
| | 150,000 | 150,000 | 0 | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | | |
| | | | | Unknown | Total annual savings will be \$52,000 with a simple payback period of approximately 3 years. - 9% energy Savings | | | | | | | 0 | 0 | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | | | | | | Est. Completion Date | | | |
| 2015 | July 1, 2020 | Growth: 0.0 % Maintenance: 0.0 % | Sergio Grando/Sokol Aliko | | | | | | | | | 2020+ | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------|
| Project # | FIN-006-15 | Service Area | Office of the CFO |
| Budget Year | 2018 | Department | Finance |
| Asset Type | Unassigned | Division | Asset Planning |
| Title | Transit Windsor Installation of NOx and CO Sensors | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|--|----------------------|------------------------------------|--|-------------------------------------|--|-------------|-------------|-----------------------------|-------------|-------------|------------------|--------------|-------------------|
| Project Description | | | Version Description | | | | | | | | | | |
| <p>The NO_x / CO detection system is used to monitor the levels of nitrogen oxide and carbon monoxide in the building. Nitrogen oxide and carbon monoxide are toxic gases created when diesel engines and natural gas fired equipment is running. A NO_x / CO detection system exists at Transit Windsor Bus Storage area however this system is not operational. The exhaust fans operate continuously instead of being controlled by the detection system.</p> <p>The outdated and inoperative system will be replaced with a new system, consisting of 12 NOx sensors, 12 CO sensors and a controller. These sensors will operate in conjunction with the ventilation systems in the Bus Storage area, resulting in reduced runtimes for the systems when NOx and CO levels are within acceptable limits.</p> | | | Approximate payback of the project is 7 years. | | | | | | | | | | |
| Project Comments/Reference | | | Version Comments | | | | | | | | | | |
| 7187000 | | | | | | | | | | | | | |
| Project Forecast | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 60,000 | 60,000 | 0 | 5411 Construction Contracts-Non TCA | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 60,000 | 0 | 2,000 | 0 | 0 | 0 | 0 | 0 | 62,000 |
| 2020 | 2,000 | 2,000 | 0 | Total | | 60,000 | 0 | 2,000 | 0 | 0 | 0 | 0 | 62,000 |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 160 Capital Expenditure Reserve | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 60,000 | 0 | 2,000 | 0 | 0 | 0 | 0 | 0 | 62,000 |
| 2024+ | 0 | 0 | 0 | Total | | 60,000 | 0 | 2,000 | 0 | 0 | 0 | 0 | 62,000 |
| | 62,000 | 62,000 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | Operating Budget Impact | | | | | | | | | | |
| | | | Effective Date | | Description | | | | | | Exp/(Rev) | | FTE Impact |
| | | | Unknown | | The NO _x / CO detection could reduce the energy consumption by 30% and bring savings of about \$8,500 annually. - 5% Energy Savings | | | | | | 0 | | 0 |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | | Est. Completion Date | | | | | |
| 2015 | July 1, 2018 | Growth: 0.0 % Maintenance: 100.0 % | Sergio Grando/Sokol Aliko | | | | | 2020+ | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-------------------|
| Project # | FIN-007-15 | Service Area | Office of the CFO |
| Budget Year | 2018 | Department | Finance |
| Asset Type | Unassigned | Division | Asset Planning |
| Title | Huron Lodge Energy Efficiency Initiatives - LED/Sub-Metering/HVAC Upgrades | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | Ward 1 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|---|--|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|------------------|-------------------|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | | |
| Huron Lodge Long Term Care facility consumed 3.3 million kWh and 565,000 cubic meters of Natural Gas in 2013 for a total annual expenditure of \$530,000. The energy intensity of 52.3 kWh/m3 is high compared to similar facilities in Ontario. Recommissioning efforts will be complemented by the introduction of LED lighting and sub-metering. | | | | Approximate payback of the project is 2-4 years. The primary focus of the re-commissioning effort is the principal electric energy consuming equipment in the facility, typically consisting of the systems and equipment below: - Chiller Plant & Auxiliaries - Cooling Tower - Air Distribution System - Air Conditioning System - Control System | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | 0 0 0 50,000 0 0 0 50,000 | | | | | | | | | | | | | | | | |
| 2021 | 50,000 | 50,000 | 0 | Total 0 0 0 50,000 0 0 0 50,000 | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | 0 0 0 50,000 0 0 0 50,000 | | | | | | | | | | | | | | | | |
| | 50,000 | 50,000 | 0 | Total 0 0 0 50,000 0 0 0 50,000 | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | | |
| Related Projects | | | | Effective Date | Description | | | | | | | | | | Exp/(Rev) | FTE Impact | | | | |
| | | | | Unknown | Preliminary studies have shown that recommissioning of the facility would reduce the consumption by up to 5% Energy Savings. | | | | | | | | | | 0 | 0 | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | | | | |
| 2015 | July 1, 2021 | Growth: 0.0 % Maintenance: 0.0 % | | Sergio Grando/Sokol Aliko | | | | | 2021 | | | | | | | | | | | |



Project Version Summary

Project # FIN-001-14 **Service Area** Office of the CFO
Budget Year 2018 **Department** Finance
Asset Type Unassigned **Division** Financial Planning

Title Development Charges Study and Bylaw Update
Budget Status Council Approved Budget
Major Category Community & Economic Development
Wards City Wide
Version Name Main (Active)

| Project Description | | | | Version Description | | | | | | | | | | | | | | | | | |
|--|----------------------------|------------------------------------|---------------------|--|-------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|--|----------------|-------------|-----------|------------|---------|----------------------------|---|---|
| To update Development Charges Study and Bylaw every 5 years, as per the Development Charges Act. | | | | A study to identify funding sources for servicing of the annexed lands. | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | | |
| (Closed: 7142002)/7183004 | | | | As per B1/2018, Council approved a cost of \$40,000 plus HST for the 2018 Interim Area Specific Development Charge (DC) Background Study and DC Bylaw for the Sandwich South Planning District to be done by Hemson Consulting Ltd. | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | | | | | | | | |
| 2018 | 120,000 | 120,000 | 0 | Expenses | | | | | | | | | | | | | | | | | |
| 2019 | 40,000 | 40,000 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | | | |
| 2020 | 40,000 | 40,000 | 0 | 120,000 40,000 40,000 0 0 0 0 200,000 | | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | Total 120,000 40,000 40,000 0 0 0 0 200,000 | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 121 Dev Chg - General | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | 120,000 40,000 40,000 0 0 0 0 200,000 | | | | | | | | | | | | | | | | | |
| | 200,000 | 200,000 | 0 | Total 120,000 40,000 40,000 0 0 0 0 200,000 | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | | | | | | | | |
| 2014 | 40,000 | 40,000 | 0 | | | | | | | | | | | | | | | | | | |
| 2015 | 40,000 | 40,000 | 0 | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | |
| | | | | <table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>No Operating Budget Impact</td> <td>0</td> <td>0</td> </tr> </tbody> </table> | | | | | | | | | | Effective Date | Description | Exp/(Rev) | FTE Impact | Unknown | No Operating Budget Impact | 0 | 0 |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | | | | | | | | | | | | | |
| Unknown | No Operating Budget Impact | 0 | 0 | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | | Est. Completion Date | | | | | | | | | | | | | |
| 2016 | January 1, 2018 | Growth: 100.0 % Maintenance: 0.0 % | Tony Ardovini | | | | | December 31, 2020 | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|----------------------------------|---------------------|--------------------|
| Project # | FIN-007-16 | Service Area | Office of the CFO |
| Budget Year | 2018 | Department | Finance |
| Asset Type | Unassigned | Division | Financial Planning |
| Title | Ward Funds | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Community & Economic Development | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|---------------------|---|--------------------|-------------|-----------------------------|-------------|-------------|-------------|------------------|-------------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| In accordance with B68-2015, Council approved the "Proposed 2016 Enhanced Capital Budget" in the form of placeholder allocations in the budget with reports to BE PREPARED for Council's consideration. | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7165003 | | | | As per the 2016 enhanced capital plan (B68-2015), Council approved a placeholder in the amount of \$400,000, available in 2020. To date, \$10,000 has been approved as a pre-commitment to 2020 for the Hiram Walker Commemorative Statue via CR594/2016. | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | |
| 2020 | 400,000 | 400,000 | 0 | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | |
| | 400,000 | 400,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | Exp/(Rev) | FTE Impact | | |
| | | | | Unknown | TBD | | | | | | 0 | 0 | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2016 | January 1, 2016 | Growth: 0.0 % Maintenance: 0.0 % | Victor Ferranti | | | | Ongoing | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|------------------------------|
| Project # | ITC-001-08 | Service Area | Office of the CFO |
| Budget Year | 2018 | Department | Information Technology |
| Asset Type | Unassigned | Division | Administration - Info. Tech. |
| Title | Information Technology Business Continuity Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

Project Description

The first stage of good Disaster Recovery Planning is Prevention. In other words, taking steps to prevent significant outages in the IT Infrastructure. For the last several years we have strived to improve the availability of our critical systems by adding redundancy and backups to various IT infrastructure components. During this time the Corporation has also become more dependent on technology, which is consistent with other sectors.

There does exist capital funding for some of this work in project ITC-006-07 and the focus has been on being able provide a reliable and highly available computing facility and a place hold a backup of our data off site in the event of a disaster. Significant effort has also been made on improving the quality and consistency of our backup environment, which is critical to stage 2 of the process, which is the ability to restore the environment if we do lose it for some reason.

Business Continuity Planning is a larger goal of ensuring that plans are in place to keep the Corporation's mission critical functions operating before, during and after a major catastrophe. This would be a much broader corporate initiative that would require significant resources both internal and external to not only develop but also ongoing resource dedication and operating expenditure to test and maintain.

The amount of resources dedicated to this type of planning should be proportionate to the impact that an outage would have on the business. For example, in a large financial or manufacturing organization where even a small amount of downtime will result in significant financial loss or loss of faith by investors then there should be a corresponding significant investment in ensuring the business has very minimal downtime and also has plans in place on how to continue to operate during these times. For organizations that are not at significant risk when systems fail then a more practical approach is reasonable since the increased resources required to develop and maintain Business Continuity Plans does not provide the same value.

Version Description

The Corporation of the City of Windsor will need to decide where in this spectrum we reside and that will help to determine what level of plans are appropriate and provide the most value.

The Corporate Security Policy and Methodology that was approved by Council is one of the tools we have to help identify critical areas where more security and availability is required and where plans should be in place in the event of an outage. Funding is also planned in the Capital Budget under project ITC-005-07 to address these areas as they are identified.

It should be noted, the Disaster Recovery and/or the Security project will NOT result in a full Business Continuity Plan. If the Corporation feels that additional investment should be made to also develop a complete business continuity plan then this project will need to be approved and funded.

Project Comments/Reference

Version Comments

| Project Forecast | | Revenue | |
|------------------|----------------|----------------|-----------|
| Year | Total Expense | Net City Cost | Subsidies |
| 2018 | 0 | 0 | 0 |
| 2019 | 0 | 0 | 0 |
| 2020 | 100,000 | 100,000 | 0 |
| 2021 | 100,000 | 100,000 | 0 |
| 2022 | 200,000 | 200,000 | 0 |
| 2023 | 150,000 | 150,000 | 0 |
| 2024+ | 150,000 | 150,000 | 0 |
| | 700,000 | 700,000 | 0 |

| Project Detailed Forecast | | | | | | | | | |
|---------------------------|---------------------------------|------|---------|---------|---------|---------|---------|---------|--|
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | |
| Expenses | | | | | | | | | |
| 5410 | Construction Contracts - TCA | | | | | | | | |
| | 0 | 0 | 100,000 | 100,000 | 200,000 | 150,000 | 150,000 | 700,000 | |
| Total | 0 | 0 | 100,000 | 100,000 | 200,000 | 150,000 | 150,000 | 700,000 | |
| Revenues | | | | | | | | | |
| 169 | Pay As You Go - Capital Reserve | | | | | | | | |
| | 0 | 0 | 100,000 | 100,000 | 200,000 | 150,000 | 150,000 | 700,000 | |
| Total | 0 | 0 | 100,000 | 100,000 | 200,000 | 150,000 | 150,000 | 700,000 | |

Historical Approved Budget

| Related Projects | | | Operating Budget Impact | | |
|------------------|-----------------|----------------------------------|-------------------------|----------------------------|----------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | |
| 2008 | January 1, 2020 | Growth: 0.0 % Maintenance: 0.0 % | Norm Synnott | 2024+ | |
| | | | Effective Date | Description | Exp/(Rev) FTE Impact |
| | | | Unknown | No Operating Budget Impact | 0 0 |



Project Version Summary

| | | | |
|-----------------------|----------------------------|---------------------|------------------------------|
| Project # | ITC-001-10 | Service Area | Office of the CFO |
| Budget Year | 2018 | Department | Information Technology |
| Asset Type | Unassigned | Division | Administration - Info. Tech. |
| Title | Smart Community Initiative | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|---|--|----------------------------|-------------|-----------------------------|-------------|------------------|-------------|-------------------|--------------|
| Project Description | | | | Version Description | | | | | | | | | |
| As the region moves forward with a variety of efforts to redefine our economy, working smarter, together with our other public and private sector partners is essential. The Smart Community initiative coordinated through Connecting Windsor Essex is one of the key ways that we can accomplish this. Modernizing our services, enhancing transparency and community engagement requires investment in tools and technology to improve the citizen experience online. | | | | This funding will be used to fund projects that expand the services available to the public through electronic means (online eComm service fee). One such initiative is the SouthWestern Integrated Fibre Technology (SWIFT) Network which is a forward-looking, financially sustainable plan to help the region connect, compete and keep pace in a digital world by building a holistic, ultra-high-speed fibre optic network across the region. Spearheaded by community and business leaders across southwestern Ontario, Caledon and Niagara Region, SWIFT will build an ultra-high-speed fibre optic regional broadband network for everyone. This project will be used to fund our partnership in SWIFT which will allow us to take advantage of our fair share of the \$180 million in funding from other levels of government they have already received to move this initiative forward. 2019-2021: \$63,600 in each year of 2019, 2020 & 2021 to fund the City's portion of the partnership in SWIFT 2019-2023: Citizen self-service initiatives; Improved open data and transparency initiatives. | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| 7009015 | | | | As per CR553/2017, Council approved a pre-commitment of \$62,500 + taxes from 2019, 2020 and 2021. | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5411 Construction Contracts-Non TCA | | | | | | | | | |
| 2019 | 200,000 | 200,000 | 0 | | | 0 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 1,200,000 |
| 2020 | 200,000 | 200,000 | 0 | Total | | 0 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 1,200,000 |
| 2021 | 200,000 | 200,000 | 0 | Revenues | | | | | | | | | |
| 2022 | 200,000 | 200,000 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | |
| 2023 | 200,000 | 200,000 | 0 | | | 0 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 1,200,000 |
| 2024+ | 200,000 | 200,000 | 0 | Total | | 0 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 1,200,000 |
| | 1,200,000 | 1,200,000 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| Related Projects | | | | Effective Date | | Description | | | | Exp/(Rev) | | FTE Impact | |
| | | | | Unknown | | No Operating Budget Impact | | | | 0 | | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | |
| 2010 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | | Harry Turnbull | | | | Ongoing | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|------------------------------|
| Project # | ITC-001-13 | Service Area | Office of the CFO |
| Budget Year | 2018 | Department | Information Technology |
| Asset Type | Unassigned | Division | Administration - Info. Tech. |
| Title | Corporate Integration of Mobile Technologies | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

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|---|----------------------|----------------------------------|------------------|---|--|-------------|-------------|-----------------------------|-------------|-------------|--------------|------------------|-------------------|--|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | |
| <p>Funding request is to facilitate implementation of organizational requests for mobility. Untethering staff from their desks results in productivity and customer service improvements. The corporation has been making gains in these areas by incrementally growing the mobile workforce.</p> <p>Two factors are driving this future investment requirement:</p> <p>1) The current mobile workforce initiatives are ad hoc. Once a critical mass is reached, an investment will be required for a more efficient and effective holistic solution.</p> <p>2) Technology changes in the mobile space are rapid and significant. While our current solutions are sufficient, it is almost certain they will be antiquated in the coming years.</p> | | | | <p>Costs may include but are not limited to: mobile devices, software, customization, interface development, infrastructure, security. This project includes all consumer costs to move work activities into the field.</p> | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | |
| | | <u>Revenue</u> | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | | | |
| 2019 | 500,000 | 500,000 | 0 | 5411 Construction Contracts-Non TCA | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | 0 500,000 0 500,000 0 300,000 0 1,300,000 | | | | | | | | | | | | | | | |
| 2021 | 500,000 | 500,000 | 0 | Total 0 500,000 0 500,000 0 300,000 0 1,300,000 | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | |
| 2023 | 300,000 | 300,000 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | 0 500,000 0 500,000 0 300,000 0 1,300,000 | | | | | | | | | | | | | | | |
| | 1,300,000 | 1,300,000 | 0 | Total 0 500,000 0 500,000 0 300,000 0 1,300,000 | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | |
| Related Projects | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | | | | | | |
| | | | | Unknown | A more mobile workforce has a definite impact on Operating as each mobile device will require a monthly connectivity cost. While this Capital Budget can address the up front costs. The ongoing costs will need to be allocated by each area requiring mobile services. | | | | | | 0 | 0 | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | | | | | |
| 2013 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | | Harry Turnbull | | | | Ongoing | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|------------------------------|
| Project # | ITC-007-07 | Service Area | Office of the CFO |
| Budget Year | 2018 | Department | Information Technology |
| Asset Type | Unassigned | Division | Administration - Info. Tech. |
| Title | Corporate Intranet Redesign & Internet Accessibility Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|--|----------------------------|-------------|-------------|-----------------------------|-------------|-------------|-------------|--------------|--------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | | | |
| This project's initial phase was to redesign both the Internet (external, public facing website) and the Intranet (internal facing site - i.e. Dashboard) and to lay the technical infrastructure for future projects. The corporate-wide portion of the intranet went live in late 2011, and the internet (website) went live in 2012, followed by departmental-only sites, collaboration sites with unique security environments, workflow automation and business intelligence sites. For visitors of the City's website, future initiatives will allow for enhanced delivery of municipal services. Continual enhancements to functionality will be required to meet the continual and evolving needs. | | | | The funds requested in 2019 and 2022 will be used to upgrade licenses to keep the technology current. These licenses are necessary to continue increasing the efficiency and productivity of employees, by allowing them to collaborate and to quickly get the information they need to make the best decisions. The importance of public facing websites and portals as a key method of conducting business, sharing information and collaborating with residents, customers, businesses, partners and staff will continue to grow significantly. | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| 7075017 | | | | The funding for this project was originally requested in 2016 but has been moved out to 2019 and should not be deferred any further. | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5411 Construction Contracts-Non TCA | | | | | | | | | | | |
| 2019 | 850,000 | 850,000 | 0 | | | 0 | 850,000 | 0 | 0 | 850,000 | 0 | 0 | 1,700,000 | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2022 | 850,000 | 850,000 | 0 | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | |
| 1,700,000 | | 1,700,000 | | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | Revenue | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | |
| 2007 | 25,000 | 25,000 | 0 | | | | | | | | | | | | |
| 2008 | 100,000 | 100,000 | 0 | | | | | | | | | | | | |
| 2009 | 400,000 | 400,000 | 0 | | | | | | | | | | | | |
| 2010 | 500,000 | 500,000 | 0 | | | | | | | | | | | | |
| 2011 | 625,000 | 625,000 | 0 | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | No Operating Budget Impact | | | | | | | | | 0 | 0 |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2007 | January 1, 2007 | Growth: 0.0 % Maintenance: 0.0 % | | Bob Price | | | | Ongoing | | | | | | | |



Project Version Summary

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|-----------------------|---|---------------------|--------------------------------|
| Project # | ITC-001-12 | Service Area | Office of the CFO |
| Budget Year | 2018 | Department | Information Technology |
| Asset Type | Unassigned | Division | Business Process Modernization |
| Title | Fire and Rescue Records Management and Computer Aided Dispatch System Initiatives | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

Project Description

To implement the following technology at Windsor Fire and Rescue Services (WFRS):

- Phase 1: A “full feature” fire records management solution (fire RMS) that will improve data accessibility and reliability for emergency responders and administrators
- Phase 2: An upgraded computer-aided dispatch (CAD) solution and other related programs to modernize the technology at WFRS

WFRS has fallen significantly behind all other major Canadian fire agencies in the use of IT for service improvement and enhancement, specifically for creating fire RMS data, making that information available 24/7 on mobile devices, and accessing corporate records. In addition to supplementing operational activities, the above new technologies are needed to provide management decision support, allow for information exchange, and expedite decision-making within WFRS and with senior City management.

The department’s strategic focus is to move from ‘just keeping the lights on’ to providing incremental improvements toward achieving excellence and realizing its business goals. The acquisition of a full feature fire RMS and an upgraded CAD will help to realize that vision.

Phase 1 – Fire RMS:

A fire RMS can save lives. It does this by compiling information quickly from unrelated programs to facilitate decision-making during emergencies. Additionally, its sophisticated analytics allow administrators to design better plans for protecting the community.

Fire RMSs are used throughout the industry to address the specialized data capture and reporting needs of emergency response agencies. The technology’s modular design includes the ability to track incidents, inspections, personnel, shift assignments, training, and asset inventories/maintenance. For departments that already have computer programs to manage this information, a fire RMS can act as a layer above those systems, populating them with data while providing a simplified user experience and a similar look-and-feel across the various modules.

Additionally, a fire RMS unifies records pertaining to people, properties, and emergency vehicles, and this allows for easier and more accurate report generation.

WFRS currently uses a basic fire RMS to manage incident reports, public education events, and staff training details; those activities represent only a fraction of the functionality of a full fire RMS. The contract for that basic program is due to expire in 2018, so this represents an opportune time to move forward with technology improvements that will enhance WFRS’s ability to perform its mandated responsibilities.

WFRS would benefit from a full fire RMS, because that solution would do the following:

1. Provide opportunities for better strategic decision-making because of the ease of creating reports that use accurate data.
2. Integrate the data in the various corporate systems used by WFRS currently (e.g. computer-aided dispatch, HRMS, AMANDA) and in the future (e.g. workforce management system, a new CAD used solely by WFRS or one shared with Windsor

Version Description

WFRS requires the full functionality of a fire RMS as well as an upgraded CAD system and associated technology. Due to the size of this project, the intent is to implement it in phases.

- Phase 1 would consist of the fire RMS and would be implemented in two stages. Stage 1 would focus on the needs of Personnel, Property, Incidents, Training and Inspections. Stage 2 would address the remaining modules of a fire RMS. Please note: There is some urgency to this phase, and if the funding is approved in 2021, a council report will follow requesting funding be brought forward to 2017 with applicable financing costs included.
- Phase 2 would begin in 2022 with the implementation of a new CAD solution and the upgrade of related technology.

Police Service) with the result being:

- a. Improved data integrity
- b. Facilitated report creation using the data stored in those multiple systems
- c. Increased productivity through the elimination of the need to manually enter data in a number of programs; instead, users will record the data once in the fire RMS, and that will then distribute the information to the appropriate systems.

3. Offer extra incident management functionality needed to save lives (e.g. quick access to fire safety plans and inspection reports).
4. Provide additional employee management system capabilities (e.g. filling positions with staff who have specialized hazmat training, accommodating scheduling needs not addressed by the new workforce management system).
5. Allow WFRS to continue tracking emergency incidents, public education and staff training (once the contract with the developer of the basic fire RMS currently used for this purpose expires in 2018).
6. Provide a solution that can grow according to WFRS's future requirements.
7. Expedite employee cross-training due to the intuitive design and common look-and-feel of the various fire RMS functionality. This item is important because of the numerous times WFRS's staff transition to other (temporary) assignments within the department.

Phase 2 – CAD:
A CAD system is an essential tool for emergency services, and the effective use of one can shorten response times and result in reduced damage to health and property. This project is for an upgraded CAD to ensure that WFRS has access to reliable and more current technology that will provide them with the added functionality needed to aid in their lifesaving responsibilities. The replacement of the CAD system includes a mobile software component which will give firefighters fast access to dispatch information and allow the accurate tracking of emergency response data.

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|-----------------------------------|----------------------|---|------------------|----------------------------------|---------------------------------|--|-------------|-----------------------------|-------------|-------------|--------------|--------------|--|--|--|------------------|--|-------------------|--|
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5411 | Construction Contracts-Non TCA | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 900,000 | 0 | 0 | 2,100,000 | 3,000,000 | | | | | | | |
| 2021 | 900,000 | 900,000 | 0 | Total | 0 | 0 | 0 | 900,000 | 0 | 0 | 2,100,000 | 3,000,000 | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | | | |
| 2024+ | 2,100,000 | 2,100,000 | 0 | | 0 | 0 | 0 | 900,000 | 0 | 0 | 2,100,000 | 3,000,000 | | | | | | | |
| | 3,000,000 | 3,000,000 | 0 | Total | 0 | 0 | 0 | 900,000 | 0 | 0 | 2,100,000 | 3,000,000 | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | |
| Follows | | Project Title | | Effective Date | | Description | | | | | | | | | | Exp/(Rev) | | FTE Impact | |
| FRS-002-07 | | Fire & Rescue Computer-aided Dispatch System (CRISYS) Upgrade | | 2022-01-01 | | Annual maintenance fee for the new system would be \$87,160 and the current budget is \$66,170 | | | | | | | | | | 20,990 | | 0 | |
| | | | | 2022-01-01 | | New System Administrator staff position required upon go-live of fire's RMS Stages 1&2 | | | | | | | | | | 100,000 | | 1 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | | | | | |
| 2012 | January 1, 2021 | Growth: 0.0 % Maintenance: 0.0 % | | Trevor Bennet | | | | 2024+ | | | | | | | | | | | |



Project Version Summary

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|-----------------------|--|---------------------|------------------------|
| Project # | ITC-001-09 | Service Area | Office of the CFO |
| Budget Year | 2018 | Department | Information Technology |
| Asset Type | Unassigned | Division | End User Management |
| Title | Corporate Facilities Content Access Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

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|--|----------------------|----------------------------------|------------------|---|-------------|----------------------------|-------------|-----------------------------|-------------|-------------|------------------|-------------------|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | |
| Video display and improved access at locations that have employees without computer access and in meeting rooms where collaboration can significantly improve efficiency and service levels. | | | | <p>This project was originally scoped to deliver stand-alone video displays for disseminating information to staff without computers. It has been successfully deployed at Solid Waste, Crawford Yard, Parks Yard, Huron Lodge (2 units), Lou Romano Water Reclamation Plant, and all Fire Stations. These are stand-alone systems for which area managers are responsible for the content. Additional sites will be added as they are identified.</p> <p>The trend for content access demand within the corporate community continues to increase, with the technology required to deliver this medium changing at an equal pace. Video messaging and training is easily downloadable or streamed directly to computers. Access to work related and personal content at remote sites continues to expand as evidenced with the introduction of MyInfo and Workforce Management applications. Putting in place the technology and network infrastructure required to support the anticipated future demand for stand-alone and corporate content access is a critical component in delivering the medium.</p> | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | |
| 7101007 | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | |
| | | <u>Revenue</u> | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5411 Construction Contracts-Non TCA | | | | | | | | | | | | | |
| 2020 | 200,000 | 200,000 | 0 | 0 0 200,000 0 200,000 0 0 400,000 | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | Total 0 0 200,000 0 200,000 0 0 400,000 | | | | | | | | | | | | | |
| 2022 | 200,000 | 200,000 | 0 | Revenues | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | 0 0 200,000 0 200,000 0 0 400,000 | | | | | | | | | | | | | |
| | 400,000 | 400,000 | 0 | Total 0 0 200,000 0 200,000 0 0 400,000 | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | | | | |
| 2010 | 150,000 | 150,000 | 0 | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | |
| | | | | <u>Effective Date</u> | | <u>Description</u> | | | | | <u>Exp/(Rev)</u> | <u>FTE Impact</u> | | | | | |
| | | | | Unknown | | No Operating Budget Impact | | | | | 0 | 0 | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | | | |
| 2009 | January 1, 2010 | Growth: 0.0 % Maintenance: 0.0 % | | Earl Larking | | | | Ongoing | | | | | | | | | |



Project Version Summary

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|-----------------------|--|---------------------|------------------------|
| Project # | ITC-008-07 | Service Area | Office of the CFO |
| Budget Year | 2018 | Department | Information Technology |
| Asset Type | Unassigned | Division | Enterprise Systems |
| Title | Corporate Enterprise Resource Planning (ERP) System Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

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| Project Description |
| The focus of this project is to utilize funds to support necessary enhancements to Enterprise Resource Planning systems. Such items include System Support, Projects or Business Process Initiatives approved by the various Governance Groups that create corporate technical workplans annually. One such project is Tax Updates for HR and Payroll using Rimini Street packages. The project will remain ongoing to enable support and as subsequent workplans are approved with the continuation of additional budget funding being approved. |

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| Version Description |
| This project will continue to identify and resolve post upgrade (Tax and PeopleTools) issues and optimize the HRMS as well as Financial applications to meet the current business needs. Rimini Street is used for maintenance support and has an impact on ensuring funds in the long term are allocated to either consider purchases of new licenses for PeopleSoft or consider migration to a new Enterprise System. The financial system has several functional enhancements underway to improve workflow. These enhancements were approved by the PeopleSoft Managers group and monitored as part of the corporate PeopleSoft annual workplan. Further focus continues to transition to the implementation of quarterly Tax Updates for HR and Payroll using Rimini Street packages |
| 2018 – Support resources for WPL, IT PeopleTools Upgrade, Windsor Tunnel coming on to PeopleSoft Financials, Fleet Focus upgrade, MyInfo online enhancements and HR Record of Employment automation |
| 2019+ – Support resources for FIN – AP/Purchasing Business Process Review, Asset Planning – Utilities Automation phase 2, HR Training records automation, HR – job descriptions and Posting Information, IT-PeopleTools Upgrade, Internal resources for PPR projects. (IT - HRMS & FIN License renewal - Oracle) |

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|-----------------------------------|
| Project Comments/Reference |
| 7074018 |

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| Version Comments |
| If maintenance upgrades are not complete and funded from year to year, significant costs for consulting support and hardware may occur. |

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|-------------------------|----------------------|----------------------|------------------|
| Project Forecast | | Revenue | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> |
| 2018 | 0 | 0 | 0 |
| 2019 | 475,000 | 475,000 | 0 |
| 2020 | 250,000 | 250,000 | 0 |
| 2021 | 250,000 | 250,000 | 0 |
| 2022 | 250,000 | 250,000 | 0 |
| 2023 | 250,000 | 250,000 | 0 |
| 2024+ | 1,100,000 | 1,100,000 | 0 |
| | 2,575,000 | 2,575,000 | 0 |

| | | | | | | | | | |
|----------------------------------|--------------------------------|-------------|----------------|----------------|----------------|----------------|----------------|------------------|------------------|
| Project Detailed Forecast | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| GL Account | | | | | | | | | |
| Expenses | | | | | | | | | |
| 5411 | Construction Contracts-Non TCA | 0 | 475,000 | 250,000 | 250,000 | 250,000 | 250,000 | 1,100,000 | 2,575,000 |
| | Total | 0 | 475,000 | 250,000 | 250,000 | 250,000 | 250,000 | 1,100,000 | 2,575,000 |
| Revenues | | | | | | | | | |
| 160 | Capital Expenditure Reserve | 0 | 475,000 | 250,000 | 250,000 | 250,000 | 250,000 | 1,100,000 | 2,575,000 |
| | Total | 0 | 475,000 | 250,000 | 250,000 | 250,000 | 250,000 | 1,100,000 | 2,575,000 |

| | | | |
|-----------------------------------|----------------------|----------------------|------------------|
| Historical Approved Budget | | Revenue | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> |
| 2007 | 100,000 | 100,000 | 0 |
| 2008 | 100,000 | 100,000 | 0 |
| 2009 | 250,000 | 250,000 | 0 |
| 2010 | 300,000 | 300,000 | 0 |
| 2012 | 140,000 | 140,000 | 0 |
| 2014 | 125,000 | 125,000 | 0 |
| 2015 | 100,000 | 100,000 | 0 |
| 2016 | 25,000 | 25,000 | 0 |

| Related Projects | | | Operating Budget Impact | | |
|------------------|-----------------|----------------------------------|-------------------------|----------------------------|----------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | |
| 2007 | January 1, 2007 | Growth: 0.0 % Maintenance: 0.0 % | Pete Evans | Ongoing | |
| | | | Effective Date | Description | Exp/(Rev) FTE Impact |
| | | | Unknown | No Operating Budget Impact | 0 0 |



Project Version Summary

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|-----------------------|---|---------------------|------------------------|
| Project # | ITC-011-07 | Service Area | Office of the CFO |
| Budget Year | 2018 | Department | Information Technology |
| Asset Type | Unassigned | Division | Enterprise Systems |
| Title | AMANDA Information System Upgrades and Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

Project Description

The AMANDA system is used by many corporate departments for Licensing, Building, Finance (Tax), Fire, Parks, Public Works, etc. Enhancements to this system are required to support business administration, accommodate legislative changes, implement software upgrade requirements, and maintain technology standards. These enhancements have been approved by the AMANDA Governance and Managers groups, and will be scheduled for the next five year plan. The enhancements are approved and are monitored as part of the corporate AMANDA annual work plan. With this funding strategy the goal is to primarily ensure that the system remains functional, accommodates expansion, and ensures day-to-day business continuity.

Version Description

The pre-work in preparation for the Upgrade to AMANDA 7 has begun with infrastructure improvements, report conversions and project planning for migration of all modules to AMANDA 7. There are six pillars of the project that are actively being worked upon that include infrastructure, security, interfaces, Admin/Customization/Reports, SQL code tech changes and modules. This project will continue to identify and resolve post upgrade issues and optimize the AMANDA applications to meet the current business needs. Stabilization of this version will continue with minor upgrades as required throughout the lifecycle for the software. Implementation of additional functionality will continue to create efficiencies needed by the corporate users. These enhancements are approved by the AMANDA Governance and Managers groups and monitored as part of the annual workplan. The steps of the upgrade to AMANDA7 will need to continue in 2018 in order to meet vendor support requirements.

2018 - The current enhancing projects being completed are IT- Amanda Security & infrastructure Upgrade, six upgrade pillars, By-law Uber licensing, AZ Folder, Tax Assessment, Parks Master Address List and Building online forms.

2019 - The steps of the upgrade to AMANDA 7 six pillars will need to continue in order to meet vendor support requirements. Launch of the new IT/FIN AMANDA Tax and Cashier, PW local improvements, IT FSI Interfaces, POW sub-division Conditions Management and AMANDA Tax SAS Upgrades

2020+ - Projects for consideration through Amanda Governance for Corporate departments are; AMANDA migration to the Browser, Finance- e-post and cheque reader, Planning/Building, e-permitting - Customer engagement integration, Parks - RFS and vacant lot folder rewrites and Downspout Disconnect.

Implementation of additional functionality will continue that will create efficiencies needed by the corporate users as submitted through the governance process.

Project Comments/Reference

7075021

Version Comments

If maintenance upgrades are not complete and funded from year to year, significant costs for consulting and hardware purchase may occur.

| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
|----------------------------|------------------|------------------------------------|--------------|---------------------------|--------------------------------|---------|---------|---------|---------|---------|---------|-----------|------------|--|
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | |
| 2018 | 200,000 | 200,000 | 0 | 5411 | Construction Contracts-Non TCA | | | | | | | | | |
| 2019 | 350,000 | 350,000 | 0 | | | 200,000 | 350,000 | 200,000 | 200,000 | 300,000 | 200,000 | 200,000 | 1,650,000 | |
| 2020 | 200,000 | 200,000 | 0 | | | | | | | | | | | |
| 2021 | 200,000 | 200,000 | 0 | | | | | | | | | | | |
| 2022 | 300,000 | 300,000 | 0 | | | | | | | | | | | |
| 2023 | 200,000 | 200,000 | 0 | | | | | | | | | | | |
| 2024+ | 200,000 | 200,000 | 0 | | | | | | | | | | | |
| | 1,650,000 | 1,650,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | Revenues | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | 160 | Capital Expenditure Reserve | | | | | | | | | |
| 2007 | 150,000 | 150,000 | 0 | | | 200,000 | 350,000 | 200,000 | 200,000 | 300,000 | 200,000 | 200,000 | 1,650,000 | |
| 2008 | 150,000 | 150,000 | 0 | | | | | | | | | | | |
| 2009 | 150,000 | 150,000 | 0 | | | | | | | | | | | |
| 2010 | 150,000 | 150,000 | 0 | | | | | | | | | | | |
| 2011 | 150,000 | 150,000 | 0 | | | | | | | | | | | |
| 2012 | 150,000 | 150,000 | 0 | | | | | | | | | | | |
| 2015 | 100,000 | 100,000 | 0 | | | | | | | | | | | |
| 2016 | 25,000 | 25,000 | 0 | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | |
| | | | | Unknown | No Operating Budget Impact | | | | | | | 0 | 0 | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | |
| 2007 | January 1, 2007 | Growth: 25.0 % Maintenance: 75.0 % | Pete Evans | Ongoing | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|-------------------------------------|---------------------|---------------------------|
| Project # | ITC-001-18 | Service Area | Office of the CFO |
| Budget Year | 2018 | Department | Information Technology |
| Asset Type | Unassigned | Division | Technology Infrastructure |
| Title | Online Access for Non-Network Users | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

Project Description

The City of Windsor on average employs approximately 3,500 people in a full-time, temporary and part-time basis (not including the Windsor Police Service). Of those 3,500 employees, roughly 1,500 of them do not have access to the corporate network. This limits the options available to communicate with employees and offer corporate resources to make them more efficient in their duties. The purpose of this project is to provide non-network users with access to corporate online resources.

The benefits of providing non-network users with corporate access includes but is not limited to:

1. Identity & Access Management

- This will offer a secure method to properly authenticate employee that are accessing our internal resources.

2. Access to the WorkForce Time & Attendance system

- A large portion of the employees without access to the corporate network work complex schedules that vary from week to week. Providing access to the WorkForce system will allow them to access their schedule, request and/or be notified of changes to their schedule, and have greater visibility into their information.

3. Access to employee self-service (My info)

- This will allow all employees to access and manage their personal information while also eliminating the need for paper-based forms. There is currently a large amount of effort exert internally administering paper-based forms. Employees will be able to access their pay advices and T4's online eliminating the need for manual distribution of these documents and many others.

4. Online training and onboarding of new employees

- This will allow the corporation to utilize online training for all employees through a consistent method reducing the need to provide onsite training. It will improve the onboarding process for documenting new employees by utilizing online forms.

5. Improved communications with employees

- This will offer enhanced tools to communicate and engage employees by allowing us to share information such as documents, videos, and announcements.

6. Offering access to other corporate applications

- With a secure method to authenticate users we will be able to offer more online tools to assist employees in effectively performing their duties.

Project Comments/Reference

Version Description

The funds requested in 2022 will be used to procure licenses for all non-network users across the corporation to access online resources. These licenses are necessary to properly authenticate all users to the WorkForce and My Info applications. This will ensure that only authorized users access corporate resources and that communications with employees is done in a secure manner. Access to the WorkForce and My Info applications will reduce the risk of payroll errors and help ensure timely and accurate payroll data while also allowing the corporation to realize administrative benefits by moving towards online forms and communication with employees.

Version Comments

A report will be submitted to City Council requesting that the approval for this project be brought forward to 2018.

| Project Forecast | | | | Project Detailed Forecast | | | | | | | | |
|-----------------------------------|-------------------|----------------------------------|-----------|-------------------------------------|------|------|---------|-----------------------------|---------|------|-------|---------|
| Year | Total Expense | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| | | Net City Cost | Subsidies | | | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5411 Construction Contracts-Non TCA | | | | | | | | |
| 2020 | 250,000 | 250,000 | 0 | | 0 | 0 | 250,000 | 200,000 | 100,000 | 0 | 0 | 550,000 |
| 2021 | 200,000 | 200,000 | 0 | Total | 0 | 0 | 250,000 | 200,000 | 100,000 | 0 | 0 | 550,000 |
| 2022 | 100,000 | 100,000 | 0 | Revenues | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 0 | 250,000 | 200,000 | 100,000 | 0 | 0 | 550,000 |
| | 550,000 | 550,000 | 0 | Total | 0 | 0 | 250,000 | 200,000 | 100,000 | 0 | 0 | 550,000 |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | |
| Related Projects | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | |
| 2018 | January 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | | Norm Synnott | | | | Ongoing | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---------------------------|
| Project # | ITC-002-07 | Service Area | Office of the CFO |
| Budget Year | 2018 | Department | Information Technology |
| Asset Type | Unassigned | Division | Technology Infrastructure |
| Title | Corporate Electronic Storage and Retrieval Systems Upgrades | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | |
|--|--|
| Project Description | Version Description |
| It is becoming more difficult to keep up with the growing storage demands. The corporation needs to expand its current storage capacity, while taking advantage of newer technologies to help improve security, performance and control the increased cost. This requires a state of the art storage that is reliable and expandable. It should include a tiered architecture that allows least referenced material to be allocated to less expensive storage media. New technologies like solid State Disks, deduplication, and compression allow for better performance while built-in drive encryption increases security. It should include the ability to conduct a discovery avoiding the possibility of violating legislative requirements. This is a requirement for freedom of information requests and e-discovery rules for any dispute. Without this project we are not able to provide expected levels of Information Technology (IT) services. | 2018: Increase the capacity of the email system to hold large volumes of emails. Replace the older storage appliances that are now over 5 years old with newer storage technology. Upgrade and expand the enterprise backup and retrieval system as the current system is end of life and reached capacity. 2019+: Continue to phase out the older platform with the newer higher capacity better performing technologies. Expand capacity to hold growing volumes of data. |

| | |
|-----------------------------------|-------------------------|
| Project Comments/Reference | Version Comments |
| 7069900 | |

| Project Forecast | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------------------|------------------|-----------|---------|---------|---------------|---------------|-----------|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|-------|---------|---------|---|--|------------------|------------------|----------|--|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|--|--|--|--|--|--|--|--|--|---------|---------|---------|---------|---------|---------|---------|-----------|-------|---------|---------|---------|---------|---------|---------|---------|-----------|-----------------|--|--|--|--|--|--|--|--|---------------------------------|--|--|--|--|--|--|--|--|--|---------|---------|---------|---------|---------|---------|---------|-----------|-------|---------|---------|---------|---------|---------|---------|---------|-----------|
| <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2019</td><td>150,000</td><td>150,000</td><td>0</td></tr> <tr><td>2020</td><td>150,000</td><td>150,000</td><td>0</td></tr> <tr><td>2021</td><td>150,000</td><td>150,000</td><td>0</td></tr> <tr><td>2022</td><td>150,000</td><td>150,000</td><td>0</td></tr> <tr><td>2023</td><td>150,000</td><td>150,000</td><td>0</td></tr> <tr><td>2024+</td><td>300,000</td><td>300,000</td><td>0</td></tr> <tr><td></td><td>1,150,000</td><td>1,150,000</td><td>0</td></tr> </tbody> </table> | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2018 | 100,000 | 100,000 | 0 | 2019 | 150,000 | 150,000 | 0 | 2020 | 150,000 | 150,000 | 0 | 2021 | 150,000 | 150,000 | 0 | 2022 | 150,000 | 150,000 | 0 | 2023 | 150,000 | 150,000 | 0 | 2024+ | 300,000 | 300,000 | 0 | | 1,150,000 | 1,150,000 | 0 | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5411 Construction Contracts-Non TCA</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>100,000</td> <td>150,000</td> <td>150,000</td> <td>150,000</td> <td>150,000</td> <td>150,000</td> <td>300,000</td> <td>1,150,000</td> </tr> <tr> <td>Total</td> <td>100,000</td> <td>150,000</td> <td>150,000</td> <td>150,000</td> <td>150,000</td> <td>150,000</td> <td>300,000</td> <td>1,150,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>160 Capital Expenditure Reserve</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>100,000</td> <td>150,000</td> <td>150,000</td> <td>150,000</td> <td>150,000</td> <td>150,000</td> <td>300,000</td> <td>1,150,000</td> </tr> <tr> <td>Total</td> <td>100,000</td> <td>150,000</td> <td>150,000</td> <td>150,000</td> <td>150,000</td> <td>150,000</td> <td>300,000</td> <td>1,150,000</td> </tr> </tbody> </table> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5411 Construction Contracts-Non TCA | | | | | | | | | | 100,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 300,000 | 1,150,000 | Total | 100,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 300,000 | 1,150,000 | Revenues | | | | | | | | | 160 Capital Expenditure Reserve | | | | | | | | | | 100,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 300,000 | 1,150,000 | Total | 100,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 300,000 | 1,150,000 |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 150,000 | 150,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 150,000 | 150,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 150,000 | 150,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 150,000 | 150,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 150,000 | 150,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 300,000 | 300,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1,150,000 | 1,150,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5411 Construction Contracts-Non TCA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 100,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 300,000 | 1,150,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 100,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 300,000 | 1,150,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 160 Capital Expenditure Reserve | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 100,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 300,000 | 1,150,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 100,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 300,000 | 1,150,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Historical Approved Budget | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----------------|---------------|---------------|-----------|------|--------|--------|---|------|--------|--------|---|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|--|
| <table border="1"> <thead> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2007</td><td>75,000</td><td>75,000</td><td>0</td></tr> <tr><td>2008</td><td>75,000</td><td>75,000</td><td>0</td></tr> <tr><td>2009</td><td>200,000</td><td>200,000</td><td>0</td></tr> <tr><td>2012</td><td>150,000</td><td>150,000</td><td>0</td></tr> <tr><td>2014</td><td>150,000</td><td>150,000</td><td>0</td></tr> <tr><td>2015</td><td>150,000</td><td>150,000</td><td>0</td></tr> <tr><td>2017</td><td>100,000</td><td>100,000</td><td>0</td></tr> </tbody> </table> | Year | Total Expense | Net City Cost | Subsidies | 2007 | 75,000 | 75,000 | 0 | 2008 | 75,000 | 75,000 | 0 | 2009 | 200,000 | 200,000 | 0 | 2012 | 150,000 | 150,000 | 0 | 2014 | 150,000 | 150,000 | 0 | 2015 | 150,000 | 150,000 | 0 | 2017 | 100,000 | 100,000 | 0 | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2007 | 75,000 | 75,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2008 | 75,000 | 75,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2009 | 200,000 | 200,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2012 | 150,000 | 150,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2014 | 150,000 | 150,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2015 | 150,000 | 150,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2017 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Related Projects | | | Operating Budget Impact | | | |
|------------------|-----------------|------------------------------------|-------------------------|--|-----------|------------|
| Year Identified | Start Date | Project Type for 2018 | Effective Date | Description | Exp/(Rev) | FTE Impact |
| 2007 | January 1, 2007 | Growth: 60.0 % Maintenance: 40.0 % | Unknown | Failing to fund the replacement of older storage will result in higher maintenance and repair costs, increase the risk of system failures resulting in lost productivity. Failing to expand the system would also result in the inability to meet regulatory compliance as we would be forced to delete information or potentially lose information assets without the proper backup and recovery capabilities. Failing to upgrade technology would increase the risk of data loss due to malware or other cyber attack. | 0 | 0 |
| | | | Project Lead | Est. Completion Date | | |
| | | | Norm Synnott | Ongoing | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|---------------------------|
| Project # | ITC-003-07 | Service Area | Office of the CFO |
| Budget Year | 2018 | Department | Information Technology |
| Asset Type | Unassigned | Division | Technology Infrastructure |
| Title | Information Technology Network Infrastructure Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

Project Description
 This project is critical to the Corporation's Information Technology (I.T.) Infrastructure. It allows Information Technology (I.T.) to make required improvements to the network and server infrastructure and to maintain expected levels of productivity and security, ensuring information availability to City employees and the public. The budget cuts to date severely impact Information Technology's (I.T.) ability to implement new technologies. As such, planned upgrades to the City wide connectivity will be delayed. These affect productivity, the ability to backup data, and implement new applications and services as well as required phone system upgrades and deployment of centralized administration for security cameras. Newer technologies require faster networks and until the network is upgraded we cannot move forward with these other initiatives. This will result in an infrastructure deficit that could reduce levels of availability and have a significant impact on customer service. In addition to the direct impact on service, delaying this work will also delay planned operational cost savings that are required to meet operating budget targets.

Version Description
 Ongoing maintenance of existing systems and deployment of new technologies is critical to maintaining expected levels of service.

 2018: Continue to expand Wi-Fi deployment, adding community centres and outdoor facilities. Management tools are now required for greater visibility and control of the Wi-Fi network. Continue with installation of a fibre optic network in coordination with Public Works to improve connectivity to remote sites (currently able to add 1 or 2 sites per year). Improve networking services for remote and mobile users (since Microsoft has announced its end of life for our current solution). Increase connectivity in the network core with 10GB switching. Continuation of server and storage virtualization using new hyper-converged technology to improve performance and reduce administration. These new technologies also improve business continuity to systems like Exchange (email) and other enterprise applications. Perform remote access upgrades and improvement to mobility infrastructure.

 2019+: Continue to expand the Wi-Fi. Implementation of worldwide adoption of IVP6. Deployment of technologies like encryption, load balancing and intrusion prevention and detection. The replacement of the WLANs (wireless local area networks) may require a large portion of these funds in later years if the PAYG reserve fund cannot adequately cover the replacement costs of the WLANs and if an increase in the PAYG reserve fund does not result.

Project Comments/Reference
 7059903

Version Comments

| Project Forecast | | Revenue | |
|-------------------------|----------------------|----------------------|------------------|
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> |
| 2018 | 200,000 | 200,000 | 0 |
| 2019 | 200,000 | 200,000 | 0 |
| 2020 | 230,000 | 230,000 | 0 |
| 2021 | 250,000 | 250,000 | 0 |
| 2022 | 200,000 | 200,000 | 0 |
| 2023 | 200,000 | 200,000 | 0 |
| 2024+ | 1,100,000 | 1,100,000 | 0 |
| | 2,380,000 | 2,380,000 | 0 |

| Project Detailed Forecast | | | | | | | | |
|----------------------------------|--------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|
| <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> |
| Expenses | | | | | | | | |
| 2951 | INTERNAL Service Salary Allocn | | | | | | | |
| | 101,141 | 101,141 | 105,000 | 105,000 | 101,141 | 101,141 | 165,000 | 779,564 |
| 5411 | Construction Contracts-Non TCA | | | | | | | |
| | 98,859 | 98,859 | 125,000 | 145,000 | 98,859 | 98,859 | 935,000 | 1,600,436 |
| Total | 200,000 | 200,000 | 230,000 | 250,000 | 200,000 | 200,000 | 1,100,000 | 2,380,000 |
| Revenues | | | | | | | | |
| 160 | Capital Expenditure Reserve | | | | | | | |
| | 200,000 | 200,000 | 230,000 | 250,000 | 200,000 | 200,000 | 1,100,000 | 2,380,000 |
| Total | 200,000 | 200,000 | 230,000 | 250,000 | 200,000 | 200,000 | 1,100,000 | 2,380,000 |

| Historical Approved Budget | | Revenue | |
|-----------------------------------|----------------------|----------------------|------------------|
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> |
| 2009 | 200,000 | 200,000 | 0 |
| 2010 | 200,000 | 200,000 | 0 |
| 2011 | 200,000 | 200,000 | 0 |
| 2012 | 200,000 | 200,000 | 0 |
| 2013 | 185,000 | 185,000 | 0 |
| 2014 | 215,000 | 215,000 | 0 |
| 2015 | 215,000 | 215,000 | 0 |
| 2017 | 100,000 | 100,000 | 0 |

| Related Projects | | | Operating Budget Impact | | | |
|------------------|-----------------|------------------------------------|----------------------------------|---|-----------|------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | Exp/(Rev) | FTE Impact |
| 2007 | January 1, 2007 | Growth: 49.4 % Maintenance: 50.6 % | Norm Synnott | Ongoing | 0 | 0 |
| | | | Effective Date Unknown | Description Providing these funds for better IT infrastructure provides for staff efficiencies and improved services to the public, while helping keep our informational assets more secure. Cutting this budget would cause more system maintenance and down time resulting in lost productivity or service to the public. Planned operational efficiencies would be delayed or not realized resulting in higher operational budget costs. | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---------------------------|
| Project # | ITC-005-07 | Service Area | Office of the CFO |
| Budget Year | 2018 | Department | Information Technology |
| Asset Type | Unassigned | Division | Technology Infrastructure |
| Title | Corporate Data & Network Security Initiatives | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

Project Description

The security framework methodology implemented through this project is now being used during the implementation of new Information Technology (I.T.) projects and during change management processes to existing applications and services. Ongoing funding is required to ensure new and existing security measures are in place to meet the City's security needs. Without additional funding we limit the ability to conduct thorough assessments and that would leave us deficient in areas where security gaps are identified. This exposes us to increased security breaches, or lacking in the appropriate procedures for new technology implementations, resulting in liability, embarrassment, data loss and unavailable systems. IT security can fall into two broad categories - safeguarding data and protecting systems. As a government organization, the City of Windsor maintains both public and confidential data related to its operations, residents, businesses, and staff, in addition to developing and maintaining hundreds of systems that are critical to the operations of City government and the wellbeing of City residents, business and visitors. There are two factors that have increased the vulnerability level of data and systems, not only at the City of Windsor, but within all organizations:

1. Threat Proliferation: 2017 saw an unprecedented level of world-wide cyber-attacks against individuals, businesses and government organizations. There is a common understanding in the IT and cyber security fields that these threats will continue to grow at an exponential rate. The motivation for cyber-attacks can be, financial gain, obtaining confidential information, disrupting operations, jeopardizing public safety, or simply causing embarrassment for the targeted organizations and individuals.
2. Network Proliferation: Also growing at an unprecedented rate is the size and complexity of the corporate network, which significantly increases the City's security risk exposure. The City's network was once limited to computers, printers and servers. With the rapid growth of the "Internet of Things", cloud services, and mobility, what is now connected to the network was unimaginable a few years ago, and the number connections to the network in the coming years will be limitless. While the IT Department has increased security staffing and manages security through shared responsibilities, we require funds for security tools and educational programs to give staff the means to enhance our security profile and reduce the risk of a security incident.

Project Comments/Reference

7059901

Version Description

Implementation of risk mitigation strategies as prioritized through the Security Framework Methodology will be conducted from 2018 through 2022 and beyond.

2018: Have an external audit of the corporate WiFi network. Develop employee training and awareness around digital security, continue with email phishing training that is a leading method of malware and ransomware attacks. Increase network monitoring and visibility with state of the art software and security services. Develop Cyber Emergency Response Procedures with tools to help detect and mitigate a Cyber attack.

2019+: Further fund improving cyber security tools; Improved Identity and Authentication Management; Expanded use of Digital Certificates; Data encryption technologies; Continue to improve security for mobile and remote workers (Any device from anywhere access technologies)

Version Comments

| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
|----------------------------|------------------|------------------------------------|---------------|---------------------------|--|---------|---------|---------|---------|---------|---------|-----------|------------|--|
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | |
| 2018 | 100,000 | 100,000 | 0 | 5411 | Construction Contracts-Non TCA | | | | | | | | | |
| 2019 | 319,000 | 319,000 | 0 | | | 100,000 | 319,000 | 329,000 | 176,000 | 300,000 | 300,000 | 400,000 | 1,924,000 | |
| 2020 | 329,000 | 329,000 | 0 | | Total | 100,000 | 319,000 | 329,000 | 176,000 | 300,000 | 300,000 | 400,000 | 1,924,000 | |
| 2021 | 176,000 | 176,000 | 0 | Revenues | | | | | | | | | | |
| 2022 | 300,000 | 300,000 | 0 | 160 | Capital Expenditure Reserve | | | | | | | | | |
| 2023 | 300,000 | 300,000 | 0 | | | 100,000 | 319,000 | 329,000 | 176,000 | 300,000 | 300,000 | 400,000 | 1,924,000 | |
| 2024+ | 400,000 | 400,000 | 0 | | Total | 100,000 | 319,000 | 329,000 | 176,000 | 300,000 | 300,000 | 400,000 | 1,924,000 | |
| | 1,924,000 | 1,924,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | |
| 2008 | 50,000 | 50,000 | 0 | | | | | | | | | | | |
| 2009 | 50,000 | 50,000 | 0 | | | | | | | | | | | |
| 2010 | 50,000 | 50,000 | 0 | | | | | | | | | | | |
| 2011 | 50,000 | 50,000 | 0 | | | | | | | | | | | |
| 2012 | 100,000 | 100,000 | 0 | | | | | | | | | | | |
| 2014 | 175,000 | 175,000 | 0 | | | | | | | | | | | |
| 2015 | 175,000 | 175,000 | 0 | | | | | | | | | | | |
| 2016 | 60,000 | 60,000 | 0 | | | | | | | | | | | |
| 2017 | 100,000 | 100,000 | 0 | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | |
| | | | | Unknown | Not funding this project increases the probability of a security breach or embarrassment that could increase operational costs | | | | | | | 0 | 0 | |
| | | | | Unknown | A new Technical Support Position is being requested in the Operating Budget via 2017-0390 contingent on the acceptance of this requested capital budget increase | | | | | | | 0 | 1 | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | |
| 2007 | January 1, 2010 | Growth: 50.0 % Maintenance: 50.0 % | Steve Francia | Ongoing | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|---------------------------|
| Project # | ITC-006-07 | Service Area | Office of the CFO |
| Budget Year | 2018 | Department | Information Technology |
| Asset Type | Unassigned | Division | Technology Infrastructure |
| Title | Information Technology Disaster Recovery Initiatives | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|--|----------------------|------------------------------|------------------|--|--|----------------------------|-------------|-------------|-----------------------------|-------------|-------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | |
| Capital funding is required for expansion and upkeep of the current data centre as technology changes and the corporate data and Information requirements continue to grow. In order to reduce the impact to Information Technology (I.T.) operations in the event of a major disaster involving the Data Centre, Information Technology (I.T.) will replicate a portion of the facility to an offsite location. This capital budget is used to reduce the risk of a data loss or service interruptions due to system failures or security breach. | | | | 2018: Conduct a Disaster Recovery (DR) readiness assessment. Explore partnerships with other CWE (Connecting Windsor Essex) partners and City agencies for Disaster Recovery (DR) synergies. Explore cloud options for Disaster Recovery (DR) or replication of data or services. 2019: Reduce mean time to recover for critical systems using alternate Disaster Recovery (DR) facility or cloud location. 2020+: Continue to scale-out the number of systems or services that can be replicated to chosen DR solution. | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| 7074016 | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | |
| 2018 | 150,000 | 150,000 | 0 | 5411 Construction Contracts-Non TCA | | | | | | | | | |
| 2019 | 150,000 | 150,000 | 0 | | | 150,000 | 150,000 | 100,000 | 100,000 | 100,000 | 100,000 | 250,000 | 950,000 |
| 2020 | 100,000 | 100,000 | 0 | | | | | | | | | | |
| 2021 | 100,000 | 100,000 | 0 | | | | | | | | | | |
| 2022 | 100,000 | 100,000 | 0 | | | | | | | | | | |
| 2023 | 100,000 | 100,000 | 0 | | | | | | | | | | |
| 2024+ | 250,000 | 250,000 | 0 | | | | | | | | | | |
| | 950,000 | 950,000 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | | Revenues | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | 160 Capital Expenditure Reserve | | | | | | | | | |
| 2007 | 75,000 | 75,000 | 0 | | | 150,000 | 150,000 | 100,000 | 100,000 | 100,000 | 100,000 | 125,000 | 825,000 |
| 2008 | 150,000 | 150,000 | 0 | | | | | | | | | | |
| 2009 | 175,000 | 175,000 | 0 | | | | | | | | | | |
| 2010 | 175,000 | 175,000 | 0 | | | | | | | | | | |
| 2012 | 75,000 | 75,000 | 0 | | | | | | | | | | |
| 2013 | 150,000 | 150,000 | 0 | | | | | | | | | | |
| 2015 | 100,000 | 100,000 | 0 | | | | | | | | | | |
| 2017 | 100,000 | 100,000 | 0 | | | | | | | | | | |
| | | | | 169 Pay As You Go - Capital Reserve | | | | | | | | | |
| | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 125,000 | 125,000 |
| | | | | Total | | 150,000 | 150,000 | 100,000 | 100,000 | 100,000 | 100,000 | 250,000 | 950,000 |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | | No Operating Budget Impact | | | | | | 0 | 0 |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | |

| | | | | |
|------|-----------------|------------------------------------|--------------|---------|
| 2007 | January 1, 2010 | Growth: 33.3 % Maintenance: 66.7 % | Norm Synnott | Ongoing |
|------|-----------------|------------------------------------|--------------|---------|



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---------------------------|
| Project # | ITC-012-07 | Service Area | Office of the CFO |
| Budget Year | 2018 | Department | Information Technology |
| Asset Type | Unassigned | Division | Technology Infrastructure |
| Title | Corporate Telephone System Upgrades/Replacement | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | |
|---|--|
| Project Description | Version Description |
| Many of our corporate phone systems are out of date and need major upgrades or replacements and we have had some significant outages as a result. Phone system outages have a direct impact on customer service and basic service delivery. This funding will also be used to investigate some of the new features available that could improve overall efficiency of our operations to determine which ones have the greatest potential to provide positive impact to service. | 2018: Continue migration of City Hall system off the old Nortel platform (completion prior to moving into the New City Hall). Upgrade older systems (WFCU, Huron Lodge) from older Nortel platform. Deploy Unified Communications technologies on the new platform for mobile workers. 2019+: Systematic replacement of older systems taking advantage of our improved I.T. infrastructure to reduce telecom carrier costs and improve service and reliability. |

| | |
|-----------------------------------|-------------------------|
| Project Comments/Reference | Version Comments |
| 7032178 | |

| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
|------------------|------------------|------------------|-----------|---------------------------|---------------------------------|---------|---------|---------|---------|---------|---------|-----------|--|--|--|
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | |
| 2018 | 200,000 | 200,000 | 0 | Expenses | | | | | | | | | | | |
| 2019 | 150,000 | 150,000 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | |
| 2020 | 200,000 | 200,000 | 0 | | 200,000 | 150,000 | 200,000 | 200,000 | 300,000 | 100,000 | 100,000 | 1,250,000 | | | |
| 2021 | 200,000 | 200,000 | 0 | Total | 200,000 | 150,000 | 200,000 | 200,000 | 300,000 | 100,000 | 100,000 | 1,250,000 | | | |
| 2022 | 300,000 | 300,000 | 0 | Revenues | | | | | | | | | | | |
| 2023 | 100,000 | 100,000 | 0 | 160 | Capital Expenditure Reserve | | | | | | | | | | |
| 2024+ | 100,000 | 100,000 | 0 | | 200,000 | 21,000 | 194,000 | 0 | 300,000 | 100,000 | 100,000 | 915,000 | | | |
| | 1,250,000 | 1,250,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | |
| | | | | | 0 | 129,000 | 6,000 | 200,000 | 0 | 0 | 0 | 335,000 | | | |
| | | | | Total | 200,000 | 150,000 | 200,000 | 200,000 | 300,000 | 100,000 | 100,000 | 1,250,000 | | | |

| Related Projects | Operating Budget Impact | | | | | | | | |
|-------------------------|--|----------------|-------------|-----------|------------|---------|--|---|---|
| | <table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>Replacing the older systems and consolidating telecom circuits maintains telecom services and allows for potential future reductions in annual telecom circuit fees.</td> <td>0</td> <td>0</td> </tr> </tbody> </table> | Effective Date | Description | Exp/(Rev) | FTE Impact | Unknown | Replacing the older systems and consolidating telecom circuits maintains telecom services and allows for potential future reductions in annual telecom circuit fees. | 0 | 0 |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | |
| Unknown | Replacing the older systems and consolidating telecom circuits maintains telecom services and allows for potential future reductions in annual telecom circuit fees. | 0 | 0 | | | | | | |

| | | | | |
|------------------------|-------------------|------------------------------|---------------------|-----------------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date |
|------------------------|-------------------|------------------------------|---------------------|-----------------------------|

| | | | | |
|------|-----------------|------------------------------------|--------------|---------|
| 2007 | January 1, 2010 | Growth: 30.0 % Maintenance: 70.0 % | Norm Synnott | Ongoing |
|------|-----------------|------------------------------------|--------------|---------|

2018 Approved Capital Budget



Capital Project Summaries

Office of the City Clerk



Project Version Summary

| | | | |
|-----------------------|----------------------------------|---------------------|---------------------------------|
| Project # | ECB-039-18 | Service Area | Office of the City Clerk |
| Budget Year | 2018 | Department | Council Services |
| Asset Type | Unassigned | Division | Administration Council Services |
| Title | Ward Funds | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Community & Economic Development | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|--|---------------------------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | This amount is set aside by Council and will be self-approved by City Council. | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7182011 | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | |
| 2019 | 500,000 | 500,000 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 500,000 | 0 | 0 | 0 | 500,000 | 0 | 1,000,000 | | |
| 2021 | 0 | 0 | 0 | Total | 0 | 500,000 | 0 | 0 | 0 | 500,000 | 0 | 1,000,000 | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | |
| 2023 | 500,000 | 500,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 500,000 | 0 | 0 | 0 | 500,000 | 0 | 1,000,000 | | |
| | 1,000,000 | 1,000,000 | 0 | Total | 0 | 500,000 | 0 | 0 | 0 | 500,000 | 0 | 1,000,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | |
| 2018 | March 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | | Alexandra Taylor | | | | | TBD | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|--------------------------------|
| Project # | CCS-001-11 | Service Area | Office of the City Clerk |
| Budget Year | 2018 | Department | Council Services |
| Asset Type | Unassigned | Division | Communications & Cust. Service |
| Title | 311/211 Call Centre Telephone System Upgrades | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| Project Description | | This is a placeholder to upgrade telephone and technology within the 211/311 Call Centre when it is required. | | Version Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|-------------------|---|-------------------------------|--------------------------------|------|--|-------|---------|---------------|---------------|-----------|------|---|---|---|------|---------|---------|---|------|---|---|---|------|---|---|---|------|---|---|---|------|---|---|---|-------|---|---|---|--|----------------|----------------|----------|----------------------------------|--|--|--|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-----------------------------------|--|--|--|--|--|--|--|--|--|---|---------|---|---|---|---|---|---------|-------|---|---------|---|---|---|---|---|---------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|--|--|--|--|--|--|--|--|--|---|---------|---|---|---|---|---|---------|-------|---|---------|---|---|---|---|---|---------|
| Project Comments/Reference | | | | Version Comments | | An amount of \$43,451 was transferred from 7032178 (ITC-012-07) (originally transferred from closeout funds, specifically F169, due to 7091018-Relocation of 211/311 Call Centre realizing savings and decreased costs) as per 2009 Year-End Operating Variance Report #14610, Appendix D. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr> <td>2018</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2019</td> <td>200,000</td> <td>200,000</td> <td>0</td> </tr> <tr> <td>2020</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2021</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2022</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2023</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2024+</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td></td> <td>200,000</td> <td>200,000</td> <td>0</td> </tr> </tbody> </table> | | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2018 | 0 | 0 | 0 | 2019 | 200,000 | 200,000 | 0 | 2020 | 0 | 0 | 0 | 2021 | 0 | 0 | 0 | 2022 | 0 | 0 | 0 | 2023 | 0 | 0 | 0 | 2024+ | 0 | 0 | 0 | | 200,000 | 200,000 | 0 | Project Detailed Forecast | | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>2950 Other Prof Services-External</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>0</td> <td>200,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>200,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>200,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>200,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>0</td> <td>200,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>200,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>200,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>200,000</td> </tr> </tbody> </table> | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 2950 Other Prof Services-External | | | | | | | | | | 0 | 200,000 | 0 | 0 | 0 | 0 | 0 | 200,000 | Total | 0 | 200,000 | 0 | 0 | 0 | 0 | 0 | 200,000 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | | | | | | | | | | 0 | 200,000 | 0 | 0 | 0 | 0 | 0 | 200,000 | Total | 0 | 200,000 | 0 | 0 | 0 | 0 | 0 | 200,000 |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 200,000 | 200,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 200,000 | 200,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2950 Other Prof Services-External | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 200,000 | 0 | 0 | 0 | 0 | 0 | 200,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 200,000 | 0 | 0 | 0 | 0 | 0 | 200,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 200,000 | 0 | 0 | 0 | 0 | 0 | 200,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 200,000 | 0 | 0 | 0 | 0 | 0 | 200,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2011 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | Alena Sleziaik / Norm Synnott | 2019 and Beyond | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|-----------------------------------|---------------------|----------------------------------|
| Project # | HCP-001-07 | Service Area | Office of the City Clerk |
| Budget Year | 2018 | Department | Human Resources |
| Asset Type | Unassigned | Division | Administration - Human Resources |
| Title | Accessibility - ODA Compliance | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|---|---|-------------|-------------|-----------------------------|-------------|-------------|-------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | |
| On September 25, 2006, City Council approved CR463/2006 concerning capital project 7035138 in which it confirmed the policy of the City of Windsor to support the removal of barriers for people with disabilities in corporate departments as prioritized by the Windsor Accessibility Advisory Committee. In addition, CR463/2006 approved the allocation of up to \$50,000 annually for the removal of non-constructive barriers to access the services and facilities by people with disabilities. | | | | The Ministry of Community and Social Services is currently developing a new Accessibility Standard for the Built Environment. Once completed, this standard will replace the current FADS and become the provincial standard that our facilities will be required to meet. All corporate facilities will then need to be audited for compliance with the new standard and the capital budget amended to fund the correction of the identified deficiencies. | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| 7035138 closed/7086008 | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 100,000 | 100,000 | 100,000 | 0 | 0 | 300,000 | |
| 2020 | 100,000 | 100,000 | 0 | | Total | | | | | | | | |
| 2021 | 100,000 | 100,000 | 0 | | 0 | 0 | 100,000 | 100,000 | 100,000 | 0 | 0 | 300,000 | |
| 2022 | 100,000 | 100,000 | 0 | Revenues | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 160 | Capital Expenditure Reserve | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 0 | 100,000 | 100,000 | 100,000 | 0 | 0 | 300,000 | |
| | 300,000 | 300,000 | 0 | | Total | | | | | | | | |
| | | | | | 0 | 0 | 100,000 | 100,000 | 100,000 | 0 | 0 | 300,000 | |
| Historical Approved Budget | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | |
| 2007 | 100,000 | 100,000 | 0 | | | | | | | | | | |
| 2008 | 100,000 | 100,000 | 0 | | | | | | | | | | |
| 2009 | 300,000 | 300,000 | 0 | | | | | | | | | | |
| 2010 | 300,000 | 300,000 | 0 | | | | | | | | | | |
| 2014 | 100,000 | 100,000 | 0 | | | | | | | | | | |
| 2015 | 100,000 | 100,000 | 0 | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | The lack of capital funding would result in deferral of repairs, further deterioration of the asset and increase the likelihood of overexpenditure in the operating budget. | | | | | | 0 | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | |
| 2007 | January 1, 2015 | Growth: 0.0 % Maintenance: 0.0 % | | Gayle Jones | | | | Ongoing | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|----------------------------------|
| Project # | HRS-002-09 | Service Area | Office of the City Clerk |
| Budget Year | 2018 | Department | Human Resources |
| Asset Type | Unassigned | Division | Administration - Human Resources |
| Title | Accessibility - AODA Standard Training, Materials and Outreach | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

Project Description

Under the Accessibility for Ontarians with Disabilities Act 2005 (AODA) and its regulation, there are a number of legislated requirements that municipalities are required to implement/comply with.

Municipalities must file accessible reports with the Ministry showing that legislated requirements are met for each of the Standards. All of our reports have been filed as required every 2 years with our last filing in December 2015 and the next one due December 2017.

Version Description

Customer Service Standard - Municipalities had to comply with the Customer Service Standard Regulation by January 2010. The compliance requirements included developing, documenting and adherence to specific policies, procedures and practices on providing goods and services to persons with disabilities and providing training to all who interact with the public or third parties on the municipality's behalf. Additionally the City has to address customer feedback requests tied to the Accessible Customer Services Standards on an ongoing basis.

After a recent legislative review, as of July 1, 2016 all accessibility standards — including the accessible customer service standard — are now part of one regulation: the Integrated Accessibility Standards Regulation. Some new requirements, including expanded training requirements, must now be implemented by corporations.

The Integrated Accessibility Standards (includes Accessible Information and Communication, Employment, Transportation and Built Environment Standard pertaining to the design of Public Spaces and Customer Service) involves staggered timelines. In addition to the substantive requirements to eliminate barriers for our customers and employees there are also requirements regarding training and documenting required policies and procedures and plans. Additionally the City will also address customer and employee feedback requests tied to the Integrated Accessibility Standards on an ongoing basis.

Project Comments/Reference

7091017

On or about December 17, 2012, the Ontario government filed regulation O.Reg 413/12 to introduce the new Built Environment Standard pertaining to the design of public spaces into the Integrated Accessibility Standards Regulation (O. Reg. 191/11). This standard covers a variety of outdoor public spaces (walkways, play spaces, etc.) and was effective January 1, 2013. The requirements under this standard however commence as of January 2016. The built environment standard for outdoor public spaces only applies to new construction and planned redevelopments.

The Ontario government decided that enhancements to accessibility in buildings would happen via Ontario's Building Code, which governs new construction and renovations in buildings. The new accessibility requirements under the Ontario Building Code became effective January 1, 2015. It seems only logical that the departments that are responsible for the new construction and planned redevelopments should have it built into their respective capital budgets to meet the Built Environment requirements going forward.

Changes to the Customer Service Standard under the Accessibility for Ontarians with Disabilities Act, 2005, S.O. 2005, c. 11 ("AODA") will come into force on July 1, 2016 and will apply to all organizations providing goods, services or facilities in the province. All accessibility standards — including the accessible customer service standard — are now part of one regulation: the Integrated Accessibility Standards Regulation (O. Reg. 191/11).

The additional funds after 2016 will be necessary to allow for additional training as well as compliance with the Information and Communication standard and also to address customer and employee feedback requests tied to both the Integrated Accessibility Standards and the Accessible Customer service Standards under the AODA.

Version Comments

This is an ongoing project regarding the implementation of legislated accessibility standards under the Accessibility for Ontarians with Disabilities Act. The project is scheduled to close at the end of 2021 based upon the current legislated timelines. Future requests are made based upon the amount that are currently available in the fund.

| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
|-----------------------------------|----------------------|----------------------------------|---------------------|--------------------------------|---------------------------------|------|--------|------|------|------------------|-------------------|--------|--|
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 2070 | Imaging & Printing External | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | 7,000 | 0 | 0 | 0 | 0 | 7,000 | |
| 2020 | 74,500 | 74,500 | 0 | 2180 | Program Supplies | | 1,750 | 0 | 0 | 0 | 0 | 1,750 | |
| 2021 | 0 | 0 | 0 | 2360 | Promotional Material & Product | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | 18,750 | 0 | 0 | 0 | 0 | 18,750 | |
| 2023 | 0 | 0 | 0 | 2610 | Travel Expense | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | 2,000 | 0 | 0 | 0 | 0 | 2,000 | |
| | 74,500 | 74,500 | 0 | 2940 | Advertising | | 23,250 | 0 | 0 | 0 | 0 | 23,250 | |
| Historical Approved Budget | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | 4050 | Training Courses | | 6,250 | 0 | 0 | 0 | 0 | 6,250 | |
| 2009 | 100,000 | 100,000 | 0 | 4295 | Public Relations | | | | | | | | |
| 2013 | 32,000 | 32,000 | 0 | | | | 15,500 | 0 | 0 | 0 | 0 | 15,500 | |
| 2014 | 52,000 | 52,000 | 0 | | | | | | | | | | |
| 2017 | 51,500 | 51,500 | 0 | | | | | | | | | | |
| | | | | Revenues | | | | | | | | | |
| | | | | 169 | Pay As You Go - Capital Reserve | | 74,500 | 0 | 0 | 0 | 0 | 74,500 | |
| | | | | | | | | | | | | | |
| | | | | | | | 74,500 | 0 | 0 | 0 | 0 | 74,500 | |
| | | | | | | | | | | | | | |
| | | | | | | | 74,500 | 0 | 0 | 0 | 0 | 74,500 | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | |
| | | | | Effective Date | Description | | | | | Exp/(Rev) | FTE Impact | | |
| | | | | Unknown | No operating budget impact. | | | | | 0 | 0 | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | |
| 2009 | January 2, 2017 | Growth: 0.0 % Maintenance: 0.0 % | Gayle Jones | Ongoing | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|----------------------------------|
| Project # | HRS-002-11 | Service Area | Office of the City Clerk |
| Budget Year | 2018 | Department | Human Resources |
| Asset Type | Unassigned | Division | Administration - Human Resources |
| Title | Corporate Employee Online Training Programs | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | |
|---|---|
| <p>Project Description</p> <p>This capital project will create online learning programs for courses currently offered by Human Resources Health & Safety Advisors, which includes the Fuelling/Refuelling, Commercial Motor Vehicle Inspection, Noise training and other non hands-on training components. In 2011 the Corporate Employee Safety Orientation Program (CESO) was converted to online format. The online CESO format was made available to new hires in July of 2012 and to all staff as of January 2013. The CESO program includes the following training programs: WHMIS; Orientation to Health and Safety Legislation, including the Duties and Responsibilities of specific workplaces parties, i.e. the Employer, Supervisor and Workers as well as the Right to Refuse work legislation and the requirement to report accidents and injuries under WSIB legislation; ladder safety; fire extinguisher use; the corporate Respectful Workplace Program, which includes instruction on workplace violence and harassment, human rights, standards of employee deportment and conflict of interest; and back care and injury prevention programming.</p> <p>The CESO Online program was developed by the provider in a format that cannot be altered (Flash). In 2014, Human Resources purchased the Adobe Captivate software to provide the ability to reformat and update both the CESO and New Employee Orientation Online programs.</p> | <p>Version Description</p> <p>In 2014 the two existing Vehicle Fuelling programs were converted to one online format training program. The requirement to provide training on safe fuel dispensing and emergency spill processes is regulated by the Technical Standards Safety Association (TSSA). In order to meet these requirements an online program is now being provided to corporate staff. The program is designed to acquaint workers with the hazards of handling and dispensing gasoline and diesel fuel, the steps required in the event of a fuel spill and an overview of how to use the fuel dispensing system at corporate fueling sites. The TSSA requires that all workers who dispense fuel receive training on fuel safety on a five-year renewal basis.</p> <p>With the successful completion of the Vehicle Fuelling Program and the updating of the New Employee Orientation Video to reflect the new Mayor & Council information, the current CESO – Day 1 program will be converted into a more user friendly format.</p> <p>Additionally, in 2016, our Asbestos Awareness Training program was converted and implemented in an on line format, utilizing the updated format. Working With Asbestos will not be converted to an online version given the requirements for hands on training.</p> <p>The next programming to be created in online format is CESO – Day 2.</p> <p>Day 2 of the CESO online training program has specific content for our drivers as well as other mandatory components. The specific content of Day 2 of CESO is: Commercial Vehicle Pre-Trip Inspection, Traffic Control Roadway Operation, Corporate Equipment Safety Program, Hours of Services and Noise training. Additional mandatory training due for conversion is Asbestos Awareness.</p> |
| <p>Project Comments/Reference</p> <p>7125000</p> | <p>Version Comments</p> <p>A number of challenges have occurred with our original provider for on-line training as well as the delivery of training to our staff was not compatible with our current systems. Having had success with our new provider who converted our Gas/Diesel Fuelling Program, this provider has been engaged to begin converting the basic mandatory health and safety programs contained in our CESO program. In 2016, our Ladder Safety and Fire Extinguisher programs have been converted into user friendly on-line training programs. In 2017 we will continue to work towards the conversion of the remaining component programs of our CESO Day 1 and 2 Program. Moving forward we will work towards the conversion of other mandatory health and safety training programs, and specifically Noise, Hours of Service, Commercial Vehicle Pre-Trip Inspection, and Traffic Roadway Operations. These programs are suited to on-line learning as none have requirements for hands-on interaction with a facilitator and thereby freeing up our Occupational Health and Safety Advisors to devote their time and skills to compliance monitoring and assessments while providing training in a readily accessible format for our workforce.</p> |

| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
|----------------------------|-----------------|----------------------------------|-----------------|---------------------------|---|-----------|------------|--------|------|------|-------|--------|--|--|
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 2950 | Other Prof Services-External | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 20,000 | 0 | 0 | 0 | 20,000 | | |
| 2020 | 0 | 0 | 0 | Total | 0 | 0 | 0 | 20,000 | 0 | 0 | 0 | 20,000 | | |
| 2021 | 20,000 | 20,000 | 0 | Revenues | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 0 | 0 | 20,000 | 0 | 0 | 0 | 20,000 | | |
| 2024+ | 0 | 0 | 0 | Total | 0 | 0 | 0 | 20,000 | 0 | 0 | 0 | 20,000 | | |
| | 20,000 | 20,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | |
| 2012 | 20,000 | 20,000 | 0 | | | | | | | | | | | |
| 2013 | 20,000 | 20,000 | 0 | | | | | | | | | | | |
| 2014 | 20,000 | 20,000 | 0 | | | | | | | | | | | |
| 2016 | 20,000 | 20,000 | 0 | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | | |
| | | | | Unknown | Annual maintenance of the online learning programs | 0 | 0 | | | | | | | |
| | | | | Unknown | Operational efficiencies achieved with creating Online Learning Programs include the following: The Health and Safety Advisors are not spending their time teaching in classrooms and are out in departments addressing concerns, working with managers on a proactive basis as it relates to safety; employees have the flexibility of taking the online courses according to their schedule and there is no concern with employees getting to or from the training thus removing the reliance on physical attendance; the Corporation does not need to be concerned with scheduling, overtime or replacement costs as the online training is available at all times; the message and content is consistently delivered; and if an employee does not understand the contents of the course, one can re-take the course as often as they feel comfortable with the information. | 0 | 0 | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | |
| 2011 | January 1, 2016 | Growth: 0.0 % Maintenance: 0.0 % | Vincenza Mihaló | 2021 | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|-----------------------------------|---------------------|----------------------------------|
| Project # | HRS-002-17 | Service Area | Office of the City Clerk |
| Budget Year | 2018 | Department | Human Resources |
| Asset Type | Unassigned | Division | Administration - Human Resources |
| Title | Corporate Ergonomic Equipment | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

Project Description

In order to move into a more proactive approach towards ergonomics, in 2016 Human Resources, with the endorsement of the Chief Administrative Officer, the Corporate Leadership Team and City Council, moved away from the third party contracted service for the completion of ergonomic assessments and wellness programming to the establishment of an in-house ergonomist and wellness specialist. In the years leading up to this change in service delivery from 2011 through 2015, the cost of the provision of ergonomic assessments to our departments from an external provider, including both occupational and non-occupational injury claims has ranged from a low point in 2012 of \$29,899.95 to the highest level in 2011 of \$ 56,918.79 broken down as follows:

Ergonomic Assessment Costs

| Year | Non-Occupational | WSIB | Total Ergonomic Costs |
|-------|------------------|-------------|-----------------------|
| 2011: | \$18,294.48 | \$38,624.31 | \$56,918.79 |
| 2012: | \$10,797.18 | \$19,102.77 | \$29,899.95 |
| 2013: | \$32,473.44 | \$21,528.88 | \$54,002.32 |
| 2014: | \$19,289.10 | \$11,136.35 | \$30,425.45 |
| 2015: | \$30,219.77 | \$17,865.30 | \$48,085.07 |

Given the approval to bring on board our Ergonomist and Wellness Specialist, who conducts Ergonomic Assessments, the above noted costs are no longer charged back to the departments, alleviating the departments from absorbing this cost.

As part of our proactive approach and ongoing commitment to our employees well being, inclusive of cost reductions, a Musculoskeletal Prevention Program is being recommended to address ergonomic issues arising from Ministry of Labour orders, WSIB Claims, new work processes, legislative changes and requirements for the Corporation. With approved funding to purchase needed equipment, this project will be designed to implement a robust Musculoskeletal Prevention Program which once established, will enable us to move towards continuous improvement by funding opportunities that may arise to gain insight on new ergonomic research, initiatives and leading technologies being made available.

The enforcement of ergonomics by the Ministry of Labour has typically been under the general duty clause of Section 25(2)(h) and Section 25 (2)(d), employers' duty to acquaint their workers with hazards of the Occupational Health and Safety Act (OHSA). In addition, orders are issued under various related regulatory requirements, such as safe handling of materials under the Industrial Establishments Section 45 and provision of adequate lighting under Section 21.

Version Description

We foresee using the funds in this request to cover such expenses as:

- Purchase of ergonomic software
- Purchase of various measuring tools used to assess risk of ergonomic injuries
- Provide for any calibration that may be required of the measuring tools based on usage
- Purchase of ergonomic equipment and tools for our Corporate Training room to accommodate employees' needs
- Purchase of ergonomic equipment, software and tools to be used during our Recruitment Process should a candidate voice an accommodation need

| | | | | | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|---|---------------------|-----------------------------|-------------|--|-----------------------------|--|-------------|--|-------------|------------------|-------------|-------------------|--------------|--|--------------|--|
| Project Comments/Reference | | | Version Comments | | | | | | | | | | | | | | | | |
| <p>This project represents the Corporation's ongoing commitment to ensure the Corporation's health & safety standards and plans are functioning properly. By implementing a robust Musculoskeletal Prevention Program, actions can be taken to proactively work towards reducing workplace injury risk. In the long run, assist with not only lowering our health care costs, but can also assist with reducing worker's compensation claim costs and long term and short term disability rates. Program implementation steps require us to purchase appropriate equipment/tools/software that we do not currently have to properly assess ergonomic hazards along with the required maintenance of these items. Once ergonomic assessments are completed, required changes, implementations and standards must be accommodated which comes at a cost. This can include upgrading current workstations to provide same equipment standards for all workers to meet compliance and addressing environmental issues such as lighting etc. However, the cost of purchasing equipment for our employees lowers our WSIB claims, STD and LTD costs, lowers our attendance claims and provides for higher productivity.</p> | | | <p>As we move forward with the implementation of our Musculoskeletal Prevention Program, we anticipate that we will be able to detail specific aspects of this program. The request of \$35,000 will assist with the purchasing of the software and appropriate tools to complete our ergonomic assessments in house, inclusive of the calibration of these tools as required. This cost also covers ongoing annual costs related to replacing tools and calibration of these tools.</p> <p>The hazards that can cause musculoskeletal concerns are usually associated with the physical demands of work activities. For example, employees may injure themselves by:</p> <ul style="list-style-type: none"> • Lifting or pushing loads that require excessive force; • Reaching or bending in an awkward posture; • Holding the same position for a long time; or • Repeating the same movements over and over with little chance for rest or recovery. <p>Through the application of ergonomics principles, to be implemented within our Musculoskeletal Prevention Program the risk of injury posed by such hazards can be eliminated or reduced.</p> <p>This program will include the following aspects:</p> <ul style="list-style-type: none"> • an implementation plan; • a hazard identification and assessment methodology; • hazard identification and assessment; • preventive measures; • employee education; and • a program evaluation. <p>Within a Musculoskeletal Prevention Program, our Ergonomist and Wellness Specialist will work together with our Health & Safety Advisor and Disability Management Specialists, to provide an overall Prevention, Accommodation and Accident/Incident Reduction Plan for our employees resulting in a robust and well round Health, Safety and Wellness Program.</p> | | | | | | | | | | | | | | | | |
| Project Forecast | | | Project Detailed Forecast | | | | | | | | | | | | | | | | |
| | | Revenue | | 2018 | | 2019 | | 2020 | | 2021 | | 2022 | | 2023 | | 2024+ | | Total | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | |
| 2024+ | 35,000 | 35,000 | 0 | | | | | | | | | | | | | | | | |
| | 35,000 | 35,000 | 0 | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | Operating Budget Impact | | | | | | | | | | | | | | | | |
| | | | Effective Date | | Description | | | | | | | | Exp/(Rev) | | FTE Impact | | | | |
| | | | Unknown | | No operating budget impact. | | | | | | | | 0 | | 0 | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | | | | | |
| 2017 | January 1, 2024 | Growth: 0.0 % Maintenance: 0.0 % | | Julie Ryckman | | | | Ongoing | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-----------------------------|
| Project # | HRS-002-08 | Service Area | Office of the City Clerk |
| Budget Year | 2018 | Department | Human Resources |
| Asset Type | Unassigned | Division | Occupational H&S & Wellness |
| Title | Corporate Health and Safety Program - Assessments and Upgrades | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

Project Description

This project was created to fund health and safety issues arising from Ministry of Labour orders, new work processes, legislative changes and requirements for the Corporation. Over the past several years, the Ministry of Labour and the Workplace Safety and Insurance Board have been much more proactive with companies who do not measure up to health & safety rules and regulations. The Ontario Ministry of Labour has made a commitment to audit and inspect every employer in Ontario. The Ministry is targeting all employers, starting with workplaces with poor health & safety records. Accordingly, the Ministry of Labour has hired and trained hundreds of new health & safety inspectors since 2004. The government is clearly determined to level the playing field for all companies and to penalize those organizations who are trying to gain an unfair advantage by ignoring health & safety.

Since March 31, 2004, new occupational health & safety duties and criminal liabilities have been added to the Criminal Code (in Bill C-45) that affect both individuals and organizations in Canada. For the first time, both individuals and organizations (including directors, executives and managers) are under an increased obligation to take reasonable steps to protect workers and the public; they must ensure accountability for a safe work environment or the Corporation faces a heightened risk of additional orders, fines and penalties.

Project Comments/Reference

(Closed: 7091019 - Project funding of \$100,000 approved in 2009)

Active: 7081015

This project represents the Corporation's ongoing commitment to ensure the Corporation's health & safety standards and plans are functioning properly. Once testing and assessments are completed, the required changes, implementations, and safety standards must be accommodated which comes at a cost.

Version Description

The following are the types of health and safety issues which are commonly in need of addressing but without dedicated funding:

- assessments of indoor air quality concerns (i.e. humidity, confirmation of compliance on exposure limits), average cost \$1,500 per assessment
- industrial hygiene assessments for the presence of mould, average cost \$1,700 per assessment
- engineering assessments for implementing engineering controls (i.e. retrofitting current equipment and developing specifications for purchases of new equipment)
- ensure the standards for asbestos is tested, maintained and adhered to as per legislative requirements, Ontario regulation 278/05 of the Occupational Health and Safety Act
- purchasing of equipment required for confined space testing and reviews
- ensuring compliance on recommendations from joint health and safety committees

Version Comments

In 2012 a project was undertaken through an RFP process for the conducting of asbestos surveys and designated substance assessments over a 5 year period. Initially, 29 corporately-owned sites were prioritized making up the majority of the primary sites where our employees work. Having completed surveying of the 29 sites originally prioritized, we are moving on to complete surveys for the remaining sites which our employees attend, possibly on a less frequent basis; sites which may have only partial surveys; and newly acquired properties. Since 2012 the Corporation has expanded to include Transit Windsor, Windsor Airport and the Windsor Public Library wherein Asbestos Surveys were either not completed or required updating. As of January 2017 the Corporation owns 224 properties. The cost of an individual site survey varies depending on such factors as the total square footage, number of renovations and year of build. In 2017, surveys are being completed for 22 pumping stations operated by Pollution Control. Additionally in 2017 we completed a comprehensive assessment of the Lou Romano Reclamation Plant and the Transit Windsor terminals and offices, and 68 properties remain in need of surveying.

| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
|----------------------------|-----------------|------------------------------------|---------------|---------------------------|-------------------------------|--------|--------|--------|------|------|-----------|------------|--|--|
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | |
| 2018 | 10,000 | 10,000 | 0 | 2220 | Maintenance Parts & Materials | | | | | | | | | |
| 2019 | 10,000 | 10,000 | 0 | | 10,000 | 10,000 | 10,000 | 10,000 | 0 | 0 | 117,250 | 157,250 | | |
| 2020 | 10,000 | 10,000 | 0 | | | | | | | | | | | |
| 2021 | 10,000 | 10,000 | 0 | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | |
| 2024+ | 117,250 | 117,250 | 0 | | | | | | | | | | | |
| | 157,250 | 157,250 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | Revenues | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | 160 | Capital Expenditure Reserve | | | | | | 0 | 20,000 | | |
| 2008 | 25,000 | 25,000 | 0 | | 10,000 | 10,000 | 0 | 0 | 0 | 0 | 0 | | | |
| 2009 | 100,000 | 100,000 | 0 | | | | | | | | | | | |
| 2012 | 25,000 | 25,000 | 0 | | | | | | | | | | | |
| 2013 | 10,000 | 0 | 10,000 | | | | | | | | | | | |
| 2014 | 10,000 | 10,000 | 0 | | | | | | | | | | | |
| 2015 | 10,000 | 10,000 | 0 | | | | | | | | | | | |
| 2016 | 10,000 | 10,000 | 0 | | | | | | | | | | | |
| 2017 | 10,000 | 10,000 | 0 | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | Exp/(Rev) | FTE Impact | | |
| | | | | Unknown | No operating budget impact. | | | | | | 0 | 0 | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | |
| 2008 | January 1, 2015 | Growth: 0.0 % Maintenance: 100.0 % | Julie Ryckman | Ongoing | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|--------------------------|
| Project # | WPL-001-14 | Service Area | Office of the City Clerk |
| Budget Year | 2018 | Department | Windsor Public Library |
| Asset Type | Unassigned | Division | Administration - Library |
| Title | Windsor Public Library Mobile Unit/Materials Acquisition | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Community & Economic Development | | |
| Wards | Ward 1, Ward 7, Ward 9 | | |
| Version Name | Main (Active) | | |

| | |
|--|--|
| Project Description | Version Description |
| The development charges component of the Library Board capital program includes a provision of \$1.0 million to cover the cost of materials acquisitions over the ten-year planning period. This acquisition will assist in servicing areas of Windsor with significant residential growth without expenditures on bricks and mortar. Our materials are popular and in constant demand and new materials are regularly expected by our customers. Within a budget conscious environment, the Windsor Public Library wishes to remain relevant, in particular with respect to Wards 1, 7 & 9 - the wards which have experienced significant residential growth. It would be our intention to have Outreach Staff use this mobile unit and materials to provide service and programming. | The funds have been designated to purchase library books/videos and e-resources to serve areas with significant residential growth (i.e. Wards 1/7/9) thereby reducing the need for more library facilities. The proposed plan going forward beginning in year 2020 is to use \$150,000 from Development Charges annually to support library collections and outreach in areas where a public library is not easily accessible. There will be no operating impact. The plan is to free up some time for a Librarian or two, and assign them to the Outreach areas in order to implement this initiative. |

| | |
|-----------------------------------|--|
| Project Comments/Reference | Version Comments |
| 7145000 | Governance Model as per CR243/2013, R#16861. |

| Project Forecast | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------------------|----------------|-----------|---------|------|---------------|---------------|-----------|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|------|---|---|---|------|---|---|---|-------|---|---|---|--|----------------|----------------|----------|--|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-----------------------|--|--|--|--|--|--|--|--|--|---------|---------|---------|---------|---|---|---|---------|-------|---------|---------|---------|---------|---|---|---|---------|-----------------|--|--|--|--|--|--|--|--|-----------------------|--|--|--|--|--|--|--|--|--|---------|---------|---------|---------|---|---|---|---------|-------|---------|---------|---------|---------|---|---|---|---------|
| <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>175,000</td><td>175,000</td><td>0</td></tr> <tr><td>2019</td><td>175,000</td><td>175,000</td><td>0</td></tr> <tr><td>2020</td><td>150,000</td><td>150,000</td><td>0</td></tr> <tr><td>2021</td><td>150,000</td><td>150,000</td><td>0</td></tr> <tr><td>2022</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2024+</td><td>0</td><td>0</td><td>0</td></tr> <tr><td></td><td>650,000</td><td>650,000</td><td>0</td></tr> </tbody> </table> | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2018 | 175,000 | 175,000 | 0 | 2019 | 175,000 | 175,000 | 0 | 2020 | 150,000 | 150,000 | 0 | 2021 | 150,000 | 150,000 | 0 | 2022 | 0 | 0 | 0 | 2023 | 0 | 0 | 0 | 2024+ | 0 | 0 | 0 | | 650,000 | 650,000 | 0 | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>2180 Program Supplies</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>175,000</td> <td>175,000</td> <td>150,000</td> <td>150,000</td> <td>0</td> <td>0</td> <td>0</td> <td>650,000</td> </tr> <tr> <td>Total</td> <td>175,000</td> <td>175,000</td> <td>150,000</td> <td>150,000</td> <td>0</td> <td>0</td> <td>0</td> <td>650,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>122 Dev Chg - Library</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>175,000</td> <td>175,000</td> <td>150,000</td> <td>150,000</td> <td>0</td> <td>0</td> <td>0</td> <td>650,000</td> </tr> <tr> <td>Total</td> <td>175,000</td> <td>175,000</td> <td>150,000</td> <td>150,000</td> <td>0</td> <td>0</td> <td>0</td> <td>650,000</td> </tr> </tbody> </table> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 2180 Program Supplies | | | | | | | | | | 175,000 | 175,000 | 150,000 | 150,000 | 0 | 0 | 0 | 650,000 | Total | 175,000 | 175,000 | 150,000 | 150,000 | 0 | 0 | 0 | 650,000 | Revenues | | | | | | | | | 122 Dev Chg - Library | | | | | | | | | | 175,000 | 175,000 | 150,000 | 150,000 | 0 | 0 | 0 | 650,000 | Total | 175,000 | 175,000 | 150,000 | 150,000 | 0 | 0 | 0 | 650,000 |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 175,000 | 175,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 175,000 | 175,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 150,000 | 150,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 150,000 | 150,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 650,000 | 650,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2180 Program Supplies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 175,000 | 175,000 | 150,000 | 150,000 | 0 | 0 | 0 | 650,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 175,000 | 175,000 | 150,000 | 150,000 | 0 | 0 | 0 | 650,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 122 Dev Chg - Library | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 175,000 | 175,000 | 150,000 | 150,000 | 0 | 0 | 0 | 650,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 175,000 | 175,000 | 150,000 | 150,000 | 0 | 0 | 0 | 650,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------|---------------|-----------|--|------|---------------|---------------|-----------|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|--|
| <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2014</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2015</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2016</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2017</td><td>100,000</td><td>100,000</td><td>0</td></tr> </tbody> </table> | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2014 | 100,000 | 100,000 | 0 | 2015 | 100,000 | 100,000 | 0 | 2016 | 100,000 | 100,000 | 0 | 2017 | 100,000 | 100,000 | 0 | |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | |
| 2014 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | | | | | | |
| 2015 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | | | | | | |
| 2016 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | | | | | | |
| 2017 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | | | | | | |

| Related Projects | Operating Budget Impact | | | | | | | | |
|-------------------------|--|----------------|-------------|-----------|------------|---------|----------------------------|---|---|
| | <table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>No Operating Budget Impact</td> <td>0</td> <td>0</td> </tr> </tbody> </table> | Effective Date | Description | Exp/(Rev) | FTE Impact | Unknown | No Operating Budget Impact | 0 | 0 |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | |
| Unknown | No Operating Budget Impact | 0 | 0 | | | | | | |

| | | | | |
|------------------------|-------------------|------------------------------------|---------------------|-----------------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date |
| 2014 | January 1, 2014 | Growth: 100.0 % Maintenance: 0.0 % | Kitty Pope | Ongoing |



Project Version Summary

| | | | |
|-----------------------|-----------------------------------|---------------------|--------------------------|
| Project # | WPL-001-17 | Service Area | Office of the City Clerk |
| Budget Year | 2018 | Department | Windsor Public Library |
| Asset Type | Unassigned | Division | Administration - Library |
| Title | Library Refurbishments | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | Ward 3, Ward 5 | | |
| Version Name | Main (Active) | | |

Project Description

Libraries get significant "wear and tear" from repeated public usage and require regular refurbishment, such as painting, new customer seating, children's seating and study surfaces every 8 to 10 years to protect the capital investment and assure sustainability.

Riverside Branch was opened in 1995 - half of the shelving was replaced in 2016 and the remaining shelving needs will be replaced in 2022 at a cost of \$69,192. This branch is also in need of 30 computer chairs and 6 lounge chairs at an estimated cost of \$19,988. WPL would like to request funds to refurbish this branch in 2022 for a total estimated cost of \$89,180.

The Seminole Branch was built in 1953 and was closed for 5 months in 2000 for some major renovations. During 2015 there were a few updates to the furniture by way of the bequest received by WPL. However, this branch is in need of shelving to improve sight lines at a cost of \$19,700; 6 computer chairs at a cost of \$2,310 and 3 lounges at a cost of \$3,834. WPL would like to request funds to refurbish the Seminole branch in 2021 for a total cost of \$25,844.

Forest Glade/Bridgeview Refurbishments:

Furniture: as customer lounge and computer chairs wear out, chairs are being purchased with attention to durability, "cleanability", safety and functionality.

Shelving: the 40+year old metal floor shelving needs to be replaced. The new system wide model is wooden, modular with movable shelves and on casters so shelving can be moved from location to location as needed.

Project Comments/Reference

Version Description

2021 - Seminole Branch estimated costs for refurbishments - \$25,844
 2022 - Riverside Branch estimated costs for refurbishments - \$89,180
 2023 - Bridgeview - \$33,752
 2024 - Forest Glade - \$41,700

Version Comments

Project Forecast

| Year | Total Expense | Revenue | |
|-------|----------------|----------------|-----------|
| | | Net City Cost | Subsidies |
| 2018 | 0 | 0 | 0 |
| 2019 | 0 | 0 | 0 |
| 2020 | 0 | 0 | 0 |
| 2021 | 25,844 | 25,844 | 0 |
| 2022 | 89,180 | 89,180 | 0 |
| 2023 | 33,752 | 33,752 | 0 |
| 2024+ | 41,700 | 41,700 | 0 |
| | 190,476 | 190,476 | 0 |

Project Detailed Forecast

| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
|-------------------------------------|------|------|------|--------|--------|--------|--------|---------|
| Expenses | | | | | | | | |
| 5410 Construction Contracts - TCA | | | | | | | | |
| | 0 | 0 | 0 | 25,844 | 89,180 | 33,752 | 41,700 | 190,476 |
| Total | 0 | 0 | 0 | 25,844 | 89,180 | 33,752 | 41,700 | 190,476 |
| Revenues | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | | | | | | | | |
| | 0 | 0 | 0 | 25,844 | 89,180 | 33,752 | 41,700 | 190,476 |
| Total | 0 | 0 | 0 | 25,844 | 89,180 | 33,752 | 41,700 | 190,476 |

Historical Approved Budget

| Related Projects | | | Operating Budget Impact | | Exp/(Rev) | FTE Impact |
|------------------|-----------------|----------------------------------|-------------------------|----------------------|-----------|------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | |
| | | | | | 0 | 0 |
| 2017 | January 1, 2021 | Growth: 0.0 % Maintenance: 0.0 % | Nancy Peel & Adam Craig | Ongoing | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|--------------------------|
| Project # | WPL-001-18 | Service Area | Office of the City Clerk |
| Budget Year | 2018 | Department | Windsor Public Library |
| Asset Type | Unassigned | Division | Administration - Library |
| Title | New Shelving for Central Library for Security | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | Ward 3 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|--|-------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| New shelving is required at Central due to increased security risks. The facility faces some existing challenges based on unique, underlying conditions. Most notably is the facility's easily accessible downtown location, including being immediately across Ouellette Avenue from the recently opened overnight lodging facility for the Downtown Mission. Combined, these two aspects create a criminological condition of "elevated situational vulnerability" – a locational phenomenon whereby there is increased public order challenges due to higher-than-average transiency for its customer base, typified by many individuals attending and staying to loiter. With its open, public accessibility and climate controlled environment, it becomes a reliable place of daily refuge for some individuals (particularly those who have no permanent residence) as somewhere to linger and get out of the weather, rather than attend for more purposeful reasons. This inherently creates conditions that can support an increased probability for undesirable behaviour to occur. The presence of individuals who have consumed varying amounts of alcohol or drugs in some instances further increases the risk for problems. This risk has been confirmed by individuals regularly observed by employees of the facility. | | | | New shelving is required at Central due to increased security risks. The facility faces some existing challenges based on unique, underlying conditions. Most notably is the facility's easily accessible downtown location, including being immediately across Ouellette Avenue from the recently opened overnight lodging facility for the Downtown Mission. Combined, these two aspects create a criminological condition of "elevated situational vulnerability" – a locational phenomenon whereby there is increased public order challenges due to higher-than-average transiency for its customer base, typified by many individuals attending and staying to loiter. With its open, public accessibility and climate controlled environment, it becomes a reliable place of daily refuge for some individuals (particularly those who have no permanent residence) as somewhere to linger and get out of the weather, rather than attend for more purposeful reasons. This inherently creates conditions that can support an increased probability for undesirable behaviour to occur. The presence of individuals who have consumed varying amounts of alcohol or drugs in some instances further increases the risk for problems. This risk has been confirmed by individuals regularly observed by employees of the facility. | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| See Attached Document | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5130 Furniture & Furnishings | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 188,000 | 188,000 | | |
| 2020 | 0 | 0 | 0 | Total | 0 | 0 | 0 | 0 | 0 | 0 | 188,000 | 188,000 | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 188,000 | 188,000 | | |
| 2024+ | 188,000 | 188,000 | 0 | Total | 0 | 0 | 0 | 0 | 0 | 0 | 188,000 | 188,000 | | |
| | 188,000 | 188,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | |
| 2018 | January 1, 2024 | Growth: 0.0 % Maintenance: 0.0 % | | Kitty Pope | | | | | 2024+ | | | | | |



PHYSICAL SAFETY DESIGN ASSESSMENT

Windsor Public Library – Main Branch: 850 Ouellette Avenue – Windsor, Ontario

Prepared by: Barry Horrobin, Director of Planning & Physical Resources
WINDSOR POLICE SERVICE

The following is a summary of observations and suggestions regarding the physical safety and security features associated with the main branch of the Windsor Public Library property in downtown Windsor. The information provided here is based on the universally known principles of crime prevention through environmental design (CPTED), according to site visits made to the property on June 15th and July 6th, 2017.

KEY UNDERLYING CONDITIONS

The facility faces some existing challenges based on unique, underlying conditions. Most notably is the facility's easily accessible downtown location, including being immediately across Ouellette Avenue from the recently opened overnight lodging facility for the Downtown Mission. Combined, these two aspects create a criminological condition of "*elevated situational vulnerability*" – a locational phenomenon whereby there is increased public order challenges due to higher-than-average transiency for its customer base, typified by many individuals attending and staying to loiter. With its open, public accessibility and climate controlled environment, it becomes a reliable place of daily refuge for some individuals (particularly those who have no permanent residence) as somewhere to linger and get out of the weather, rather than attend for more purposeful reasons. This inherently creates conditions that can support an increased probability for undesirable behaviour to occur. The presence of individuals who have consumed varying amounts of alcohol or drugs in some instances further increases the risk for problems. This risk has been confirmed by individuals regularly observed by employees of the facility.

While it is acknowledged these conditions exist and an understanding is in place that any measures taken must recognize these special conditions, corrective action can nonetheless be achieved that will improve the overall level of public order and safety for the property.



Library's physical location is attractively close to larger transient populations, making for a unique challenge to maintain safety and public order

RELEVANT OCCUPATIONAL HEALTH & SAFETY ACT REFERENCES

A physical safety design assessment such as this carries direct correlation to workplace healthy and safety per the Ontario Occupational Health and Safety Act. It is therefore very important to recognize the key, relevant sections of this provincial legislation in how they correspond to the findings and recommendations of this audit. The sections of the Act that most aptly apply in this case are the following:

- Section **25[2]h** pertaining to employers ("...take every precaution reasonable in the circumstances for the protection of a worker").
- Section **25[2]i** pertaining to providing the health and safety committee or their representatives with the results/copies of a report respecting health and safety.

-
- Section **25[2]j** pertaining to advising workers of the results/copies of a report respecting health and safety and providing copies if requested.
 - Section **26[1]k** (“...where so prescribed, provide a worker with written instructions as to the measures and procedures to be taken for the protection of a worker”).
 - Section **27[2]c** pertaining to supervisors (...take every precaution reasonable in the circumstances for the protection of a worker”).
 - Section **28(1)a** pertaining to workers working (...in compliance with the provisions of this Act and the regulations).
 - Section **28(2)a&b** pertaining to workers (...not removing or making ineffective any protective device provided by the employer or work in a manner that may endanger themselves.
 - Section **29(1)** pertains to owners ensuring that a workplace has proper facilities provided, that facilities are in good condition, and the workplace or any alterations to it are in compliance with the Act and its regulations.
 - Section **32** pertaining to workplace violence and harassment and the need for appropriate physical preparations and measures by the organization to address situations and circumstances such as:
 - The exercise of physical force by a person against a worker in a workplace that causes or could cause physical injury to the worker;
 - An attempt to exercise physical force against a worker, in a workplace, that could cause physical injury to the worker; or
 - A statement or behaviour that it is reasonable for a worker to interpret as a threat to exercise physical force against the worker, in a workplace, that could cause physical injury to the worker
 - Section **20 of Regulation 851** of the Occupational Health & Safety Act that “Barriers, warning signs or other safeguards for the protection of all workers in an area shall be used where vehicle or pedestrian traffic may endanger the safety of any worker”.

Adherence to these sections of the Occupational Health and Safety Act and related regulations should be continually pursued by the employer and affected employees to adequately ensure the health and safety of the workplace for workers. The minimization of identified threats and risks, *regardless of how minor they may be*, is a key to maintaining a safe and functional work environment for all.

POSITIVE SAFETY DESIGN FEATURES

- The facility has an extensive CCTV recording infrastructure, featuring high resolution colour imaging and a retention period of approximately 14 days.
- The facility's employees are vigilant in recognizing problematic behaviour and individuals to allow for early intervention of incidents to optimize safety and security. This is an instrumental benefit going forward.
- The property is situated on a lot having considerable frontage to busy Ouellette Avenue, facilitating good ongoing natural surveillance capability that elevates witnessing potential and reporting of incidents to police.
- The facility receives regular monitoring throughout using both employees and a private security service, which is in place during all hours the library is open. The private security guard patrols the property 55 minutes out of every hour.
- The general design and orientation of the main floor reception desk facilitates monitoring capability by the employees who work there for the most part.

KEY UNDERLYING "TRIGGERS" of RISK & VULNERABILITY

The assessment revealed one very distinct "trigger" of risk and vulnerability that serves to act as a catalyst for behaviour that increases the likelihood for problems; namely, loitering. It is important to recognize this if any course of action is to be successful at improving safety.

LOITERING: A Key Incubator of Problematic Behaviour

Without a doubt, loitering represents a fundamental root cause for safety concerns raised at the main public library branch. The ongoing presence of loitering acts as an "incubator" to potentially more dangerous situations that impair safety. The problem is particularly pronounced in circumstances where individuals or groups attend for lengthier periods, taking advantage of more discreet locations within the overall facility that are more difficult to observe by any other employee or user.

What Causes Loitering to Establish and Continue?

The conditions for loitering to first establish itself, then be sustained over time depend heavily on four distinct risk factors which, when combined, greatly increase the vulnerability of the

space and various users of that space as well. Sometimes only one risk factor is at play but if it is strong, it can still lead to a sustainment of loitering. Any combination of the 4 factors will typically increase risk and vulnerability on an ascending scale. These factors are as follows:

1. **Convenience** – The easier it is to do without having to take special measures to guard against detection, the more likely loitering will occur and remain in place.
2. **Comfort** – If loiterers are not challenged or there are no others around to call the activity into question, the problem will continue with little or no resistance.
3. **Concealment** – If those who loiter cannot be readily observed or, if observed, no action is ever taken, the problem cannot be addressed and will persist.
4. **Canopy/Cover** – In any situation where physical protection from weather elements is present, loitering is more prone to occur and persist.

Loitering risk tends to be highest in public spaces where there is no one particular person or organization directly responsible for the ongoing monitoring and safeguarding of a particular space. The fewer “opportunistic points of observation capability” a particular space has, the greater its vulnerability to sustained loitering and the negative consequences associated with it. While it is typically impossible to prevent loitering from occurring outright, its impact can be minimized, with less drastic consequences, when more of the 4 risk factors can be effectively addressed and therefore mitigated.

SUGGESTIONS TO FURTHER IMPROVE SAFETY & SECURITY

The following suggestions, in no particular order, are respectfully offered for consideration from a physical crime prevention through environmental design (CPTED) perspective, a workplace health and safety perspective, and also a general operational safety and nuisance prevention perspective as well. These ideas are not binding in any way but are instead presented as complementary to the positive physical conditions and operating practices already in place at this facility.

1. The current practice of using a private security service should be maintained in its current format. Having this presence on site during the building’s hours of operation helps in identifying problematic situations such that the proper intervention can be made proactively before escalation occurs. While there is certainly a cost to this, the expense is warranted in this situation.
RECOMMENDATION: Maintain current private security service but the route taken for the hourly patrols that are done 55 minutes of each hour need to be changed each time so that they are not predictable and will therefore be more effective.

2. The design of the book shelves plays a critical role in maintaining an adequate degree of observation capability on an ongoing basis. This is particularly important in a large library facility such as this where there are numerous pockets of discreet space that make it easy to loiter. The majority of shelving units are tall (7' high) and while there are some spaces to permit a degree of visibility, the proportion of the shelf occupied by books takes up most of the space, thus limiting sight lines. A prototype shorter shelving unit has been developed and while these are much shorter (4'-5') to allow better visibility over the top, there are no spaces on the shelves due to a solid backing. This creates sight line loss.

RECOMMENDATION: Consider modification of the prototype shelf unit that has the lower height but with adequate space in each shelf to avoid an opaque backing in order to allow sight lines to be maintained.



Open Shelf permits some visibility

Opaque = no view corridor



Book shelf spacing is critical in order to be able to maintain some element of monitoring of spaces in between

3. The staff desk on the second floor is poorly oriented for being able to effectively monitor activity within the immediate area. All employees are essentially facing the same direction, leaving many blind spots where problems can arise without detection.

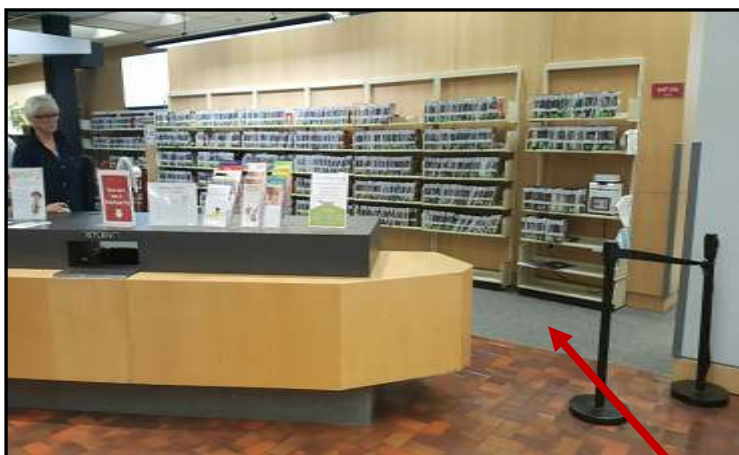
RECOMMENDATION: The furniture in this work area should be adjusted to enable staff to be oriented in different directions to optimize surveillance capability.



Current staff desks are only able to see a limited amount of the surrounding space

- The main floor reception desk is nicely oriented to face the building entrance but its physical configuration creates vulnerability for employees due to its low counter height (just 38") and depth of just 24" in some locations, elevating risk to confrontations. It also has openings on both ends where anyone can easily gain access. There is a need to strengthen this work area to make it more secure.

RECOMMENDATION: This desk needs to be closed in on both ends using lockable gates to help prevent unauthorized access. It would also be advisable to make architectural modifications to the counter to raise its overall height and/or increase its depth as either change will improve the "non-confrontational" strength of it, providing added safety for employees when dealing with individuals exhibiting harsh behaviour.



Large openings at sides of main reception desk need to be closed in with gates



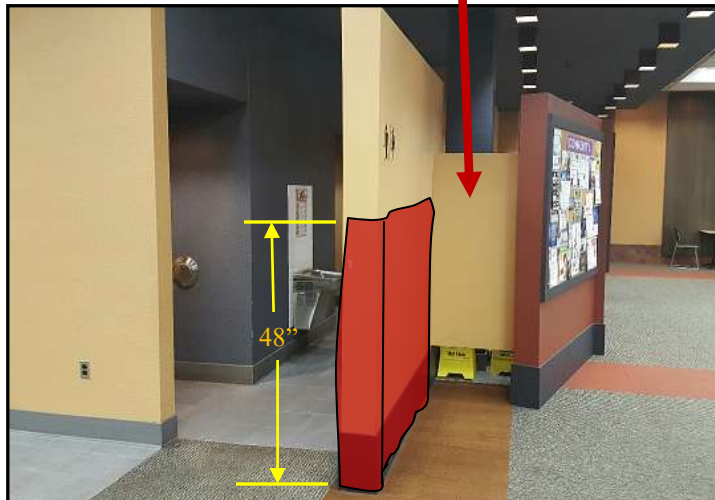
Consideration should be made to modify the main reception desk by adding additional millwork to it that will increase height and depth

5. The public washrooms on the main floor, second floor, and basement levels, for different reasons, all carry some degree of elevated vulnerability. In the case of the first floor washrooms, the architectural screening wall creates added discretion which can trigger inappropriate behaviour. In this regard, the wall provides an area of concealment, blocking sight lines so that staff, security officers, and other patrons cannot naturally monitor activity in and out of the washrooms. The washrooms on the second floor represent a design that is completely opposite to known safe design standards. They are discretely positioned in an alcove-type corridor, away from general traffic areas. This creates an environment that is attractive for unlawful and undesirable behaviour to establish and sustain itself. The washrooms in the basement level are vulnerable simply because they are situated within a low traffic area of the building, elevating vulnerability to problematic behaviour.

Recommendation: *FIRST FLOOR:* To improve monitoring capability without compromising privacy, it is recommended to cut down the height of the architectural screening wall down to a height of 48". This will be a reasonable compromise to make the space less vulnerable but still respecting the privacy required for the washroom use. *SECOND FLOOR:* Realistically, there is very little that can be done here without significant cost. One less costly improvement however is to install an 18" x 24" grate in the base of each door. This will permit a cry for help to be more easily heard by nearby witnesses in the event of a problem. Also, this area should be

regularly patrolled by the security service. **BASEMENT LEVEL:** The most effective measure to implement here would be to keep these washrooms locked and require users to attend a staffed area to obtain the key. It is recommended the individual leave a piece of identification as collateral to ensure the key is returned.

Remove partition to prevent loitering



Install vent grills in doors



6. The back parking lot area designated for employees carries the potential for susceptibility from situations of panhandling, loitering, and confrontations by questionable individuals. Risk increases for later shifts, particularly those that extend into evening hours, most notably during winter when it gets dark earlier.
Recommendation: The current practice employed by the Library of having employees leaving in groups, plus allowing vehicles to be moved to closer parking spaces as availability permits during later hours, should be continued as these are both solid practices for ensuring employee safety.

7. The “book alarm” system at the exits of both the front and rear access points is largely effective but has one major shortfall. The design is such that a person attempting to exit the library without having properly checked out a book can easily do so without triggering the alarm simply by raising the book over the height of the detection threshold or walking around and through existing gaps. This creates a situation where there can be undocumented losses of inventory on a regular basis.
Recommendation: It may be that lost products have not been an issue but the risk exists nonetheless. The simplest solution for corrective action



Book alarm design does not properly “seal” off ability for a person to discreetly exit without properly checking out items. Need to install millwork extension to close off opening and acrylic top to prevent lifting items up over the detection panels.

- The main entrance area and general front façade of the building is dark and shrouded, facilitating loitering and other behaviour that is difficult to observe and report on an ongoing basis. The bicycle rack in this area places bicycles at elevated risk of theft because visibility is marginalized. Ongoing visibility of this area needs to increase. **Recommendation:** LED lights should be added in this area to increase overall visibility. The recommended minimum illumination level is 4.5 foot-candles.



Covered front of building creates a darkened zone that minimizes visibility

- The building’s perimeter lighting is very outdated and therefore inefficient. The end result is less than functional illumination output that reduces visibility at night. **Recommendation:** Replace perimeter lights with LED fixtures that will yield a minimum illumination level of 2.0 foot-candles.

10. The large refuse dumpster at the rear of the building is placed in such a way that it creates an opportunity for loitering and other undesirable behaviour to take place. Furthermore, it does not have an enclosure around it which is the City standard. **Recommendation:** A proper enclosure should be provided with the dumpster placed within it. This enclosure should be placed against the back wall to remove any discreet spaces to hide/loiter.



Construct proper refuse enclosure (per City standard) and place against wall here

POLICE INCIDENT RESPONSE HISTORY

A review of the police incident history at the property has been made for the past five full years plus the current year to date and is summarized below. The property does generate a significant number of calls requiring police response and intervention on an annual basis. The data reveals a noticeably sharp increase over the past couple of years in particular. The Library staff maintains a similar database of incidents and has also experienced a very significant increase in incidents over the recent few years, most notably the current year. The upward trend of police incidents places high importance on the correction of the safety and security deficiencies identified in the inspection report. Police calls are predominantly for such incidents as theft, disorderly conduct, suspicious persons, property damage, and trespassing. Incidents are more social disorder in nature but nonetheless a threat to safety.

| YEAR | 1400 Ouellette Avenue |
|-----------------------------------|-----------------------------------|
| 2012 | 41 |
| 2013 | 41 |
| 2014 | 29 |
| 2015 | 46 |
| 2016 | 80 |
| 2017 (as of Aug 8 th) | 72 (extrapolates to 119 annually) |
| Average | 59.33 incidents per year |

SUMMARY

The results of the physical safety design assessment would seem to point to opportunities where tangible improvements to safety and security can and should be made based on demonstrated need and conditions that currently exist. The implementation of the recommendations from this assessment will improve both workplace safety for all employees and also public safety for all users of the facility.





Project Version Summary

| | | | |
|-----------------------|--------------------------------------|---------------------|--------------------------|
| Project # | WPL-002-09 | Service Area | Office of the City Clerk |
| Budget Year | 2018 | Department | Windsor Public Library |
| Asset Type | Unassigned | Division | Administration - Library |
| Title | Budimir Library Renovation/Expansion | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Community & Economic Development | | |
| Wards | | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|----------------------|----------------------------------|------------------|----------------------------------|---------------------------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | |
| Additional funds are required. | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 50,000 | 0 | 0 | 50,000 | | | | | | | |
| 2021 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 50,000 | 0 | 0 | 50,000 | | | | | | | |
| 2022 | 50,000 | 50,000 | 0 | | 0 | 0 | 0 | 0 | 50,000 | 0 | 0 | 50,000 | | | | | | | |
| 2023 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | | | |
| | | | | | 0 | 0 | 0 | 0 | 50,000 | 0 | 0 | 50,000 | | | | | | | |
| | 50,000 | 50,000 | 0 | | 0 | 0 | 0 | 0 | 50,000 | 0 | 0 | 50,000 | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | | | |
| 2009 | January 1, 2022 | Growth: 0.0 % Maintenance: 0.0 % | | TBD | | | | | 2022 | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|-----------------------------------|---------------------|--------------------------|
| Project # | WPL-002-18 | Service Area | Office of the City Clerk |
| Budget Year | 2018 | Department | Windsor Public Library |
| Asset Type | Unassigned | Division | Administration - Library |
| Title | Material Acquisitions | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|---|--------------------------|-------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|
| Project Description | | | | Version Description | | | | | | | | | |
| MBNC (OMBI) 2016 data indicates that on average large Canadian public libraries hold 2.127 titles / capita; WPL with 388,177 volumes is significantly below the national average at 1.83 titles / capita. As referenced in the WPL Collection Management Plan 2017-2019 annually funds are accessed from Development Charges to actively build the collection to meet national standards. The goal is to reach the national average of 462,000 (2.127 volumes/capita) volumes by 2030. | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 2085 | Publications and Manuals | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 125,000 | 125,000 | 0 | 250,000 |
| 2020 | 0 | 0 | 0 | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | |
| 2022 | 125,000 | 125,000 | 0 | | | | | | | | | | |
| 2023 | 125,000 | 125,000 | 0 | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | |
| | 250,000 | 250,000 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | | Revenues | | | | | | | | | |
| | | | | 122 Dev Chg - Library | | | | | | | | | |
| | | | | 0 0 0 0 125,000 125,000 0 250,000 | | | | | | | | | |
| | | | | Total 0 0 0 0 125,000 125,000 0 250,000 | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | |
| | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | |
| 2018 | January 1, 2022 | Growth: 0.0 % Maintenance: 0.0 % | | Kitty Pope | | | | | 2023 | | | | |



Project Version Summary

| | | | |
|-----------------------|-------------------------------------|---------------------|--------------------------|
| Project # | WPL-003-18 | Service Area | Office of the City Clerk |
| Budget Year | 2018 | Department | Windsor Public Library |
| Asset Type | Unassigned | Division | Administration - Library |
| Title | Refurbish or Replace the Bookmobile | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Community & Economic Development | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|----------------------------------|-----------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| In 2016 the WPL Board allocated \$35,000 from the WPL Operating Reserves to purchase and commission a bookmobile. The 18 foot vehicle is a modified 2005 GMC C6500 and was originally purchased by the Guelph Public Library December 14, 2005 for \$212,223. It currently has 72,214 kms and averages 11 miles/gallon. By 2023 FRED will be 18 years old and will need to be refurbished or retired and a new outreach vehicle purchased. The estimated cost to refurbish FRED or buy a new customized vehicle is \$165,000. | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | <u>Revenue</u> | | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 2520 | Vehicle Repairs | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 165,000 | 165,000 | | |
| 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 165,000 | 165,000 | | |
| 2021 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 165,000 | 165,000 | | |
| 2022 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 165,000 | 165,000 | | |
| 2023 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 165,000 | 165,000 | | |
| 2024+ | 165,000 | 165,000 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 165,000 | 165,000 | | |
| | 165,000 | 165,000 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 165,000 | 165,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | |
| 2018 | January 1, 2024 | Growth: 0.0 % Maintenance: 0.0 % | | Kitty Pope | | | | | 2024 | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|--------------------------|
| Project # | WPL-004-11 | Service Area | Office of the City Clerk |
| Budget Year | 2018 | Department | Windsor Public Library |
| Asset Type | Unassigned | Division | Administration - Library |
| Title | Windsor Public Library Materials Automation Systems Upgrades | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| Project Description | | | Version Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------------|----------------------------------|---|---------------|---------|-----------------------------|---------------|-----------|------|----------------|-------------|-----------|------------|-----------|----------------------------|---|------|---|---|---|------|---|---|---|------|---|---|---|------|---|---|---|-------|---|---|---|--|------------------|------------------|----------|---|--|--|--|--|--|--|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|------------------------|---|-----------|---|---|---|---|---|-----------|-------|---|-----------|---|---|---|---|---|-----------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|---|-----------|---|---|---|---|---|-----------|-------|---|-----------|---|---|---|---|---|-----------|
| The Windsor Public Library collection contains approximately 600,000 items for circulation and reference. Our current materials automation systems have not changed in over 10 years and are badly outdated. These systems also help protect against theft allowing the Library to use funds to buy new materials rather than replace existing ones ensuring the Library delivers access to the widest collection possible. | | | The WPL uses the SIRSI Dynix Integrated Library System to record and enable access to over 600,000 resources. This Integrated Library System also handles the purchasing process for the resources as well as allowing access to the patrons as a cataloguing system. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | Version Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | This on-line system was last upgraded in 2001. By 2019 the system will no longer be supported and will need to be replaced. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th rowspan="2">Year</th> <th rowspan="2">Total Expense</th> <th colspan="2">Revenue</th> </tr> <tr> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr> <td>2018</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2019</td> <td>1,050,000</td> <td>1,050,000</td> <td>0</td> </tr> <tr> <td>2020</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2021</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2022</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2023</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2024+</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td></td> <td>1,050,000</td> <td>1,050,000</td> <td>0</td> </tr> </tbody> </table> | | | Year | Total Expense | Revenue | | Net City Cost | Subsidies | 2018 | 0 | 0 | 0 | 2019 | 1,050,000 | 1,050,000 | 0 | 2020 | 0 | 0 | 0 | 2021 | 0 | 0 | 0 | 2022 | 0 | 0 | 0 | 2023 | 0 | 0 | 0 | 2024+ | 0 | 0 | 0 | | 1,050,000 | 1,050,000 | 0 | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5126 Computer Software</td> <td>0</td> <td>1,050,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1,050,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>1,050,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1,050,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td>0</td> <td>1,050,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1,050,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>1,050,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1,050,000</td> </tr> </tbody> </table> | | | | | | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5126 Computer Software | 0 | 1,050,000 | 0 | 0 | 0 | 0 | 0 | 1,050,000 | Total | 0 | 1,050,000 | 0 | 0 | 0 | 0 | 0 | 1,050,000 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | 0 | 1,050,000 | 0 | 0 | 0 | 0 | 0 | 1,050,000 | Total | 0 | 1,050,000 | 0 | 0 | 0 | 0 | 0 | 1,050,000 |
| Year | Total Expense | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 1,050,000 | 1,050,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1,050,000 | 1,050,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5126 Computer Software | 0 | 1,050,000 | 0 | 0 | 0 | 0 | 0 | 1,050,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 1,050,000 | 0 | 0 | 0 | 0 | 0 | 1,050,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | 0 | 1,050,000 | 0 | 0 | 0 | 0 | 0 | 1,050,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 1,050,000 | 0 | 0 | 0 | 0 | 0 | 1,050,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | Operating Budget Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | <table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>No Operating Budget Impact</td> <td>0</td> <td>0</td> </tr> </tbody> </table> | | | | | | | Effective Date | Description | Exp/(Rev) | FTE Impact | Unknown | No Operating Budget Impact | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unknown | No Operating Budget Impact | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | Est. Completion Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2011 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | Earl Larking/Kitty Pope | | | 2019 & Beyond | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|--------------------------|
| Project # | WPL-009-11 | Service Area | Office of the City Clerk |
| Budget Year | 2018 | Department | Windsor Public Library |
| Asset Type | Unassigned | Division | Administration - Library |
| Title | Windsor Public Library Facility Refurbishments | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|---------------------|---|----------------------------|-------------|-------------|-------------|-------------|-------------|------------------|-----------------------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| There is a need for ongoing upgrades to facilities of Windsor Public Libraries. All locations need shelving for new formats (DVDs), to provide protection for them from theft and reduce workload issues. All branches need periodic repainting and replacement furniture for customer seating to provide a safe and attractive environment for the public. The Forest Glade branch has not been substantially renovated since 1988. The Bridgeview branch has not been refurbished since opening in 2002. Fontainebleu Branch was opened in 2005 and has not had any upgrades since opening. WPL would like to request funds to refurbish this branch in 2020 for an estimated cost of \$45,500. These funds will be used to purchase movable print and DVD shelving, Wi-Fi area and renovate service counters. | | | | 2021 - Fontainebleu \$45,500 (to purchase movable print and DVD shelving, Wi-Fi area and renovate service counters) | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7165001 | | | | Governance Model as per CR243/2013, R#16861. | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | |
| 2021 | 45,500 | 45,500 | 0 | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | |
| | 45,500 | 45,500 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | |
| 2016 | 68,900 | 68,900 | 0 | | | | | | | | | | | |
| 2017 | 46,200 | 46,200 | 0 | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | Exp/(Rev) | FTE Impact | | |
| | | | | Unknown | No Operating Budget Impact | | | | | | 0 | 0 | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | | | | | | Est. Completion Date | | |
| 2011 | January 1, 2016 | Growth: 0.0 % Maintenance: 0.0 % | Nancy Peel | | | | | | | | | 2021 | | |

2018 Approved Capital Budget



Capital Project Summaries

Office of the City Engineer



Project Version Summary

| | | | |
|-----------------------|---|---------------------|------------------------------|
| Project # | ECB-001-18 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Administration - Engineering |
| Title | California/Pulford - Norfolk to Daytona | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | Ward 1 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | |
|-----------------------------------|----------------------|--|------------------|----------------------------------|---------------------------------|--|-----------------------------|-------------|-------------|-------------|--------------|--------------|
| Project Description | | On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | Version Description | | California Ave. and Pulford St. operate as contiguous roadways between Norfolk St. and Daytona Ave. The streets are adjacent to the Capri Pizzeria Recreation Complex and Ecole catholique Monseigneur Jean Noel. Both are constructed as a rural cross-section roadway with pavement that is rated as "Now Deficient". This project will involve full rehabilitation with the addition of curbs and gutters and sewers. A Local Improvement process will be required for the curb and gutter and storm sewer on California Ave., however as a flankage road the cost for Pulbrook St. is absorbed by the General Rate. The first possible opportunity to fund and to tender this work is in the Spring of 2019 with completion in the 2019 construction season. | | | | | | |
| Project Comments/Reference | | 7185001 | | Version Comments | | | | | | | | |
| Project Forecast | | Revenue | | Project Detailed Forecast | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 1,200,000 | 0 | 1,200,000 |
| 2021 | 0 | 0 | 0 | Total | 0 | 0 | 0 | 0 | 0 | 1,200,000 | 0 | 1,200,000 |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | |
| 2023 | 1,200,000 | 1,200,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 1,200,000 | 0 | 1,200,000 |
| | 1,200,000 | 1,200,000 | 0 | Total | 0 | 0 | 0 | 0 | 0 | 1,200,000 | 0 | 1,200,000 |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | |
| Related Projects | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | Est. Completion Date | | | | | |
| 2018 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | | Wes Hicks | | | TBD | | | | | |



Project Version Summary

| | | | |
|-----------------------|----------------------------------|---------------------|------------------------------|
| Project # | ECB-003-18 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Administration - Engineering |
| Title | College Ave. - Campbell to Mckay | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 2 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|--|----------------------|------------------------------------|---------------------|---|---------------------------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|-----------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | College Ave. currently has combined sewers that are in need of replacement and pavement that is rated as "Now Deficient". This project will entail design for full rehabilitation including sewers, pavement and watermain from Campbell Rd. to McKay Ave. Because watermain funding will not become available until 2019, work will be tendered in the Spring of 2019 and completed in the 2019 construction season. | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| 7182002 | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | |
| 2018 | 150,000 | 150,000 | 0 | Expenses | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | |
| 2020 | 1,350,000 | 1,350,000 | 0 | | 150,000 | 0 | 1,350,000 | 0 | 0 | 0 | 0 | 1,500,000 | | | |
| 2021 | 0 | 0 | 0 | | Total | 150,000 | 0 | 1,350,000 | 0 | 0 | 0 | 0 | 1,500,000 | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 150,000 | 0 | 1,350,000 | 0 | 0 | 0 | 0 | 1,500,000 | | | |
| | 1,500,000 | 1,500,000 | 0 | | Total | 150,000 | 0 | 1,350,000 | 0 | 0 | 0 | 0 | 1,500,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | | Est. Completion Date | | | | | | | |
| 2018 | January 1, 2019 | Growth: 0.0 % Maintenance: 100.0 % | June Liu-Vajko | | | | | TBD | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|------------------------------|
| Project # | ECB-005-18 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Administration - Engineering |
| Title | Electrical Box Installation - Maiden Lane - Support DWFM | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | Ward 3 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|--|----------------------|------------------------------------|------------------|--|---------------------------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | Funding to deliver a new power supply for the Downtown Windsor Farmer's Market. The Market is using the city's streetlight system as a way to provide power to the vendors. This arrangement shortens the lifespan of the streetlight infrastructure. Various options are being reviewed to provide power to the vendors on Maiden Lane and on Pelissier St. | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7181011 | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| 2018 | 75,000 | 75,000 | 0 | Expenses | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 75,000 | 0 | 0 | 0 | 0 | 0 | 0 | 75,000 | | |
| 2021 | 0 | 0 | 0 | | Total | 75,000 | 0 | 0 | 0 | 0 | 0 | 75,000 | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 75,000 | 0 | 0 | 0 | 0 | 0 | 0 | 75,000 | | |
| | 75,000 | 75,000 | 0 | | Total | 75,000 | 0 | 0 | 0 | 0 | 0 | 75,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | |
| 2018 | March 1, 2018 | Growth: 100.0 % Maintenance: 0.0 % | | Tiffany Pocock | | | | | TBD | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|------------------------------|
| Project # | ECB-006-18 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Administration - Engineering |
| Title | Crawford Ave. - Wyandotte to Tecumseh - Engineering | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 3 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|--|---------------------------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | Funding will support initiating the engineering design for a future reconstruction of Crawford Ave. from Wyandotte St. to Tecumseh Rd. W. Construction timing will depend on future funding allocations toward this project. | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7183005 | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | |
| 2020 | 250,000 | 250,000 | 0 | | 0 | 0 | 250,000 | 0 | 0 | 0 | 0 | 250,000 | | |
| 2021 | 0 | 0 | 0 | Total | 0 | 0 | 250,000 | 0 | 0 | 0 | 0 | 250,000 | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 0 | 250,000 | 0 | 0 | 0 | 0 | 250,000 | | |
| | 250,000 | 250,000 | 0 | Total | 0 | 0 | 250,000 | 0 | 0 | 0 | 0 | 250,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | |
| 2018 | March 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | | Tiffany Pocock | | | | | TBD | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|------------------------------|
| Project # | ECB-012-18 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Administration - Engineering |
| Title | Pedestrian Street Lighting on Ottawa St. | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 4 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|--|---------------------------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | Funding to allow for the supply of additional fixtures to be installed onto the existing poles to provide better pedestrian lighting on Ottawa St. from Pierre Ave. to Windermere Ave. | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7183009 | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | |
| 2020 | 158,000 | 158,000 | 0 | | 0 | 0 | 158,000 | 0 | 0 | 0 | 0 | 158,000 | | |
| 2021 | 0 | 0 | 0 | Total | 0 | 0 | 158,000 | 0 | 0 | 0 | 0 | 158,000 | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 0 | 158,000 | 0 | 0 | 0 | 0 | 158,000 | | |
| | 158,000 | 158,000 | 0 | Total | 0 | 0 | 158,000 | 0 | 0 | 0 | 0 | 158,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | |
| 2018 | March 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | | Tiffany Pocock | | | | | TBD | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|------------------------------|
| Project # | ECB-013-18 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Administration - Engineering |
| Title | Windermere St. - Engineering for Storm Sewer Reconstruction | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | Ward 4 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|--|---------------------------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|---|---|---------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | Funding to initiate the engineering design for a future construction of the storm sewer on Windermere Rd. from Giles Blvd. to Ottawa St. Construction timing will depend on future funding allocations towards this project. | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | |
| 7183010 | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 105,000 | 0 | 0 | 0 | 0 | 105,000 | | | | | |
| 2020 | 105,000 | 105,000 | 0 | | Total | | | | | | | | 0 | 0 | 105,000 | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 0 | 105,000 | 0 | 0 | 0 | 0 | 105,000 | | | | | |
| 2024+ | 0 | 0 | 0 | | Total | | | | | | | | 0 | 0 | 105,000 | | |
| | 105,000 | 105,000 | 0 | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | |
| 2018 | March 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | | Sergio Colucci | | | | | TBD | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|------------------------------|
| Project # | ECB-015-18 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Administration - Engineering |
| Title | Erie St. - La Bella Strada Streetscaping | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 3, Ward 4 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|---------------------|--|---------------------------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | This project will support pedestrian area design elements with the boundaries of the Erie Street Business Improvement Area. As a 2023 funded project, design will be undertaken in 2019. | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| NEW (7109001 inactive) | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | |
| 2020 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 300,000 | 0 | 300,000 | | |
| 2021 | 0 | 0 | 0 | Total | 0 | 0 | 0 | 0 | 0 | 300,000 | 0 | 300,000 | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | |
| 2023 | 300,000 | 300,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 300,000 | 0 | 300,000 | | |
| | 300,000 | 300,000 | 0 | Total | 0 | 0 | 0 | 0 | 0 | 300,000 | 0 | 300,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | | Est. Completion Date | | | | | | |
| 2018 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | Michael Dennis | | | | | TBD | | | | | | |



Project Version Summary

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|-----------------------|--|---------------------|------------------------------|
| Project # | ECB-017-18 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Administration - Engineering |
| Title | Pilette Rd. - Seminole to VIA Tracks - Reconstruction (Phases 1 & 2) | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 5, Ward 8 | | |
| Version Name | Main (Active) | | |

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|--|----------------------|------------------------------------|---------------------|--|---------------------------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | This project will be consolidated into a single pavement and reconstruction project. Engineering can proceed in advance of watermain funding becoming available in 2019. Due to the project complexity, it is not expected that design can be completed until the Fall of 2019 with tendering occurring in the 2020 construction season. | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7182003 | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| 2018 | 50,000 | 50,000 | 0 | Expenses | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 50,000 | 0 | 0 | 0 | 0 | 950,000 | 0 | 1,000,000 | | |
| 2021 | 0 | 0 | 0 | | Total | 50,000 | 0 | 0 | 0 | 950,000 | 0 | 1,000,000 | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | |
| 2023 | 950,000 | 950,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 50,000 | 0 | 0 | 0 | 0 | 950,000 | 0 | 1,000,000 | | |
| | 1,000,000 | 1,000,000 | 0 | | Total | 50,000 | 0 | 0 | 0 | 950,000 | 0 | 1,000,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | | Est. Completion Date | | | | | | |
| 2018 | January 1, 2019 | Growth: 0.0 % Maintenance: 100.0 % | Sergio Colucci | | | | | TBD | | | | | | |



Project Version Summary

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|-----------------------|--|---------------------|------------------------------|
| Project # | ECB-025-18 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Administration - Engineering |
| Title | Streetlights on Banwell Road between Tecumseh and Mulberry | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 7 | | |
| Version Name | Main (Active) | | |

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|--|----------------------|----------------------------------|---------------------|--|---------------------------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | To design, supply and install street lighting on Banwell Rd. from Tecumseh to Mulberry onto existing hydro poles. As a 2023 funded project, this will proceed in 2019. | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| NEW | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 70,000 | 0 | 70,000 | | | |
| 2021 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 70,000 | 0 | 70,000 | | | |
| 2022 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 70,000 | 0 | 70,000 | | | |
| 2023 | 70,000 | 70,000 | 0 | Revenues | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | |
| | | | | | 0 | 0 | 0 | 0 | 0 | 70,000 | 0 | 70,000 | | | |
| | 70,000 | 70,000 | 0 | | 0 | 0 | 0 | 0 | 0 | 70,000 | 0 | 70,000 | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | | Est. Completion Date | | | | | | | |
| 2018 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | Tiffany Pocock | | | | | TBD | | | | | | | |



Project Version Summary

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|-----------------------|--|---------------------|------------------------------|
| Project # | ECB-033-18 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Administration - Engineering |
| Title | Reginald St. - Pillette to Norman - Reconstruction | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 8 | | |
| Version Name | Main (Active) | | |

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|--|----------------------|----------------------------------|---------------------|---|---------------------------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | Reginald St. will be reconstructed from Pillette Rd. to Norman Rd. This project is intended to be consolidated with the Olive Road sewer rehabilitation project (Seminole to Milloy) planned for 2019. The first possible opportunity to fund and to tender this work is in the Spring of 2019 with completion in the 2019 construction season. | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7171006 | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | |
| 2020 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 375,000 | 0 | 375,000 | | |
| 2021 | 0 | 0 | 0 | Total | 0 | 0 | 0 | 0 | 0 | 375,000 | 0 | 375,000 | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | |
| 2023 | 375,000 | 375,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 375,000 | 0 | 375,000 | | |
| | 375,000 | 375,000 | 0 | Total | 0 | 0 | 0 | 0 | 0 | 375,000 | 0 | 375,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | | Est. Completion Date | | | | | | |
| 2018 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | Masuma Jahan | | | | | TBD | | | | | | |



Project Version Summary

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|-----------------------|---|---------------------|------------------------------|
| Project # | ECB-034-18 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Administration - Engineering |
| Title | Byng Rd. - Lappan to Melinda - Reconstruction | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 9 | | |
| Version Name | Main (Active) | | |

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|--|----------------------|------------------------------------|------------------|--|--|-------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|
| Project Description | | | | Version Description | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | Byng Rd. will be reconstructed from Lappan Rd. to Melinda Rd. Because watermain funding will not become available until 2019, work will be tendered in the Spring of 2019 and completed in the 2019 construction season. | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| 7182004 | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 128,000 | 128,000 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | |
| 2019 | 600,000 | 600,000 | 0 | | | 128,000 | 600,000 | 2,000 | 0 | 0 | 650,000 | 0 | 1,380,000 |
| 2020 | 2,000 | 2,000 | 0 | Total | | 128,000 | 600,000 | 2,000 | 0 | 0 | 650,000 | 0 | 1,380,000 |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | |
| 2023 | 650,000 | 650,000 | 0 | | | 128,000 | 600,000 | 2,000 | 0 | 0 | 650,000 | 0 | 1,380,000 |
| 2024+ | 0 | 0 | 0 | Total | | 128,000 | 600,000 | 2,000 | 0 | 0 | 650,000 | 0 | 1,380,000 |
| | 1,380,000 | 1,380,000 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | |
| 2018 | January 1, 2019 | Growth: 0.0 % Maintenance: 100.0 % | | Adam Mourad | | | | | TBD | | | | |



Project Version Summary

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|-----------------------|---|---------------------|------------------------------|
| Project # | ECB-035-18 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Administration - Engineering |
| Title | Riverside Dr. Vista Roundabout - Devonshire and Riverside | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 4 | | |
| Version Name | Main (Active) | | |

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|--|----------------------|----------------------------------|------------------|--|---------------------------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|---|---|-----------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | A roundabout is proposed for the intersection of Riverside Dr. E. and Devonshire Rd. Design of the roundabout and land acquisition can proceed in 2018 with an expected tender date in 2019. | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | |
| 7185001 | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 1,000,000 | 0 | 0 | 1,000,000 | | | | | |
| 2021 | 0 | 0 | 0 | | Total | | | | | | | | 0 | 0 | 1,000,000 | | |
| 2022 | 1,000,000 | 1,000,000 | 0 | Revenues | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 1,000,000 | 0 | 0 | 1,000,000 | | | | | |
| | 1,000,000 | 1,000,000 | 0 | | Total | | | | | | | | 0 | 0 | 1,000,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | |
| 2018 | March 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | | Mike Cappucci | | | | | TBD | | | | | | | | |



Project Version Summary

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|-----------------------|--|---------------------|------------------------------|
| Project # | ECB-040-18 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Administration - Engineering |
| Title | Reserve for Basement Flooding Mitigation - Sewer Master Plan | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

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|--|----------------------|------------------------------------|---------------------|---|-------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | Funding will assist in expediting the Sewer Master Plan. The Plan is now underway and funds are being expended. | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| 7124000 | | | | Funding to come from the sale of the Canderel Parking Garage (proceeds). | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | |
| 2018 | 500,000 | 0 | 500,000 | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | |
| | 500,000 | 0 | 500,000 | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | | Est. Completion Date | | | | | | | |
| 2018 | March 1, 2018 | Growth: 0.0 % Maintenance: 100.0 % | Anna Godo | | | | | TBD | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|--------------------------------------|
| Project # | ECP-001-13 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Development, Projects & Right of Way |
| Title | New Fire Hall Station #6 & Emergency Operations Centre (EOC) | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | Ward 9 | | |
| Version Name | Main (Active) | | |

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|---|---|
| Project Description | Version Description |
| <p>CR391/2016, Report C116/2016 awarded the tender to Loaring Construction, approved \$267,823 in additional funding, and revised the total budget for the project at \$6,787,823.</p> <p>Also, CR131/2014, Report #17162 approved \$2,571,933 from Pay-As-You-Go (F169) as a placeholder for Station #8, which was subsequently renamed to Station #6. Funds are obtained by swapping of funding sources due to increased Federal Gas Tax allocation in the new 2014-2018 agreement with Association of Municipalities of Ontario (AMO).</p> <p>Further, CR242/2014, R#17376 approved the Implementation Plan - Station #6 relocation and inclusion of the Emergency Operations Centre (EOC) within the facility.</p> <p>Construction is underway.</p> | <p>Overall budget for the construction and design is:</p> <p>CR391/2016 - Transfer of \$25,490 from Emergency Preparedness Plan project (7029030) - \$242,333 in anticipated proceeds from sale of surplus lands</p> <p>CR131/2014 - \$2,571,936 amounts below 2016-2018 (\$25,872 already allocated in both 2014 and 2015)</p> <p>CR242/2014 - Pre-Commitment to 2015 5-year plan Capital budget - \$2,448,064 funded by Debt Reduction Levy (DRL) for 2019</p> <p>B38-2013, 2014 Approved Capital Budget Enhanced Plan for the design and construction of the EOC - \$1,500,000</p> <p>TOTAL of \$6,787,823</p> |

| | |
|---|---|
| Project Comments/Reference | Version Comments |
| 7145007 | CR131/2014, Report # 17162 pre-committed funds 2017 - \$636,516 / 2018 - \$1,247,160 / 2019 - \$2,448,064 |
| Combined with ENG-006-14 (Fire Hall #6/Emergency Operations Centre) | |

| Project Forecast | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----------------------------------|------------------|-----------|----------|----------|---------------|---------------|------------------|------|-----------|-----------|---|------|-----------|-----------|---|------|---|---|---|------|---|---|---|------|---|---|---|------|---|---|---|-------|---|---|---|--|------------------|------------------|----------|---|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-----------------------------------|--|--|--|--|--|--|--|--|--|-----------|-----------|---|---|---|---|---|-----------|--------------|------------------|------------------|----------|----------|----------|----------|----------|------------------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|--|--|--|--|--|--|--|--|--|-----------|-----------|---|---|---|---|---|-----------|--------------|------------------|------------------|----------|----------|----------|----------|----------|------------------|
| <table border="1" style="width: 100%;"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr> <td>2018</td> <td>1,247,160</td> <td>1,247,160</td> <td>0</td> </tr> <tr> <td>2019</td> <td>2,448,064</td> <td>2,448,064</td> <td>0</td> </tr> <tr> <td>2020</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2021</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2022</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2023</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2024+</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td></td> <td>3,695,224</td> <td>3,695,224</td> <td>0</td> </tr> </tbody> </table> | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2018 | 1,247,160 | 1,247,160 | 0 | 2019 | 2,448,064 | 2,448,064 | 0 | 2020 | 0 | 0 | 0 | 2021 | 0 | 0 | 0 | 2022 | 0 | 0 | 0 | 2023 | 0 | 0 | 0 | 2024+ | 0 | 0 | 0 | | 3,695,224 | 3,695,224 | 0 | <table border="1" style="width: 100%;"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>1,247,160</td> <td>2,448,064</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>3,695,224</td> </tr> <tr> <td>Total</td> <td>1,247,160</td> <td>2,448,064</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>3,695,224</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>1,247,160</td> <td>2,448,064</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>3,695,224</td> </tr> <tr> <td>Total</td> <td>1,247,160</td> <td>2,448,064</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>3,695,224</td> </tr> </tbody> </table> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5410 Construction Contracts - TCA | | | | | | | | | | 1,247,160 | 2,448,064 | 0 | 0 | 0 | 0 | 0 | 3,695,224 | Total | 1,247,160 | 2,448,064 | 0 | 0 | 0 | 0 | 0 | 3,695,224 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | | | | | | | | | | 1,247,160 | 2,448,064 | 0 | 0 | 0 | 0 | 0 | 3,695,224 | Total | 1,247,160 | 2,448,064 | 0 | 0 | 0 | 0 | 0 | 3,695,224 |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 1,247,160 | 1,247,160 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 2,448,064 | 2,448,064 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3,695,224 | 3,695,224 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1,247,160 | 2,448,064 | 0 | 0 | 0 | 0 | 0 | 3,695,224 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 1,247,160 | 2,448,064 | 0 | 0 | 0 | 0 | 0 | 3,695,224 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1,247,160 | 2,448,064 | 0 | 0 | 0 | 0 | 0 | 3,695,224 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 1,247,160 | 2,448,064 | 0 | 0 | 0 | 0 | 0 | 3,695,224 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | | |
|--|---------------|---------------|-----------|--|------|---------------|---------------|-----------|------|--------|--------|---|------|---------|---------|---|------|---------|---------|---|--|
| <table border="1" style="width: 100%;"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr> <td>2015</td> <td>25,872</td> <td>25,872</td> <td>0</td> </tr> <tr> <td>2016</td> <td>636,516</td> <td>636,516</td> <td>0</td> </tr> <tr> <td>2017</td> <td>636,516</td> <td>636,516</td> <td>0</td> </tr> </tbody> </table> | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2015 | 25,872 | 25,872 | 0 | 2016 | 636,516 | 636,516 | 0 | 2017 | 636,516 | 636,516 | 0 | |
| | | Revenue | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | |
| 2015 | 25,872 | 25,872 | 0 | | | | | | | | | | | | | | | | | | |
| 2016 | 636,516 | 636,516 | 0 | | | | | | | | | | | | | | | | | | |
| 2017 | 636,516 | 636,516 | 0 | | | | | | | | | | | | | | | | | | |

| Related Projects | Operating Budget Impact | | | | | | | | |
|-------------------------|---|----------------|-------------|-----------|------------|---------|--|---|---|
| | <table border="1" style="width: 100%;"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>Total Operating expenses at the facility may or may not be more than the old building. The new building is expected to have a lower cost per square foot, due to energy efficiency, however, the new building has a larger square footage.</td> <td>0</td> <td>0</td> </tr> </tbody> </table> | Effective Date | Description | Exp/(Rev) | FTE Impact | Unknown | Total Operating expenses at the facility may or may not be more than the old building. The new building is expected to have a lower cost per square foot, due to energy efficiency, however, the new building has a larger square footage. | 0 | 0 |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | |
| Unknown | Total Operating expenses at the facility may or may not be more than the old building. The new building is expected to have a lower cost per square foot, due to energy efficiency, however, the new building has a larger square footage. | 0 | 0 | | | | | | |

| | | | | |
|------------------------|-------------------|------------------------------|---------------------|-----------------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date |
|------------------------|-------------------|------------------------------|---------------------|-----------------------------|

| | | | | |
|------|-----------------|------------------------------------|----------------|------|
| 2013 | January 9, 2015 | Growth: 25.0 % Maintenance: 75.0 % | Joseph Dattilo | 2019 |
|------|-----------------|------------------------------------|----------------|------|



Project Version Summary

| | | | |
|-----------------------|-----------------------------------|---------------------|--------------------------------------|
| Project # | ECP-001-16 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Development, Projects & Right of Way |
| Title | New City Hall Construction | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | Ward 3 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|--|---------------------------------|---|-------------|-------------|-----------------------------|-------------|-------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | |
| The budget for this project was set at \$43,937,000 per CR130/2016. Construction is in progress and future funding of \$7,537,000 is required. | | | | Future funding sources required for the New City Hall: \$2,500,000 – 2019 unallocated debt reduction levy \$187,000 - 2019 - transfer from 7141020 / PLN-021-07 (City Hall Square and Civic Esplanade) \$4,850,000 – 2021 debt reduction levy | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| 7115001 | | | | This project is not scheduled for completion until 2018. Pre-commitment B24-2015 / M222/2015 / CR161/2015 2019 - \$2,500,000 and 2021 - \$4,850,000 | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | |
| 2019 | 2,500,000 | 2,500,000 | 0 | | 0 | 2,500,000 | 0 | 4,850,000 | 0 | 0 | 0 | 0 | 7,350,000 |
| 2020 | 0 | 0 | 0 | | Total | | | | | | | | |
| 2021 | 4,850,000 | 4,850,000 | 0 | | 0 | 2,500,000 | 0 | 4,850,000 | 0 | 0 | 0 | 0 | 7,350,000 |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 2,500,000 | 0 | 4,850,000 | 0 | 0 | 0 | 0 | 7,350,000 |
| | 7,350,000 | 7,350,000 | 0 | | Total | | | | | | | | |
| | | | | | 0 | 2,500,000 | 0 | 4,850,000 | 0 | 0 | 0 | 0 | 7,350,000 |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| Related Projects | | | | Effective Date | | Description | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | | Total Operating expenses in the building will be more than the existing building. The cost per square foot in the New City Hall is anticipated to be 20% lower than at 350 City Hall Square. The square footage in the new building, however, is approximately 50% larger than the existing building. | | | | | | 0 | 0 |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | |
| 2016 | January 1, 2016 | Growth: 0.0 % Maintenance: 0.0 % | | Wadah Al-Yassiri | | | | | 2021 | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|--------------------------------------|
| Project # | ECP-009-08 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Development, Projects & Right of Way |
| Title | Corporate Properties Site Assessments/Clean-ups/Demolitions | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Community & Economic Development | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|---|----------------------|------------------------------|---------------------|---|----------------------------|-------------|-----------------------------|-------------|-------------|-------------|-------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | |
| <p>There are lands that the City has obtained through tax arrears that need to be evaluated for environmental liabilities. It is imperative that the proper environmental site assessment detail the level of contamination or clean up required to sell the lands and qualify for any Brownfield funding.</p> <p>In addition, the state of disrepair of many of these properties render them unfit to sell or make improvements on, and their condition can sometimes present a safety hazard to neighbouring property owners and residents. In order to mitigate the potential liability and facilitate disposition of the properties as appropriate, funding is sometimes required to demolish the existing structures. It is proposed to expand this project to include funding for vacant City-owned properties that require demolition.</p> | | | | <p>Various transitional properties require Phase I and II environmental studies prior to being sold or demolished. These are being done on a priority basis. This project further includes the demolition of designated City-owned properties, should funds be available.</p> | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| 7081019 | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | 0 | 0 | 200,000 | 200,000 | 200,000 | 0 | 0 | 600,000 |
| 2020 | 200,000 | 200,000 | 0 | Total | | 0 | 0 | 200,000 | 200,000 | 200,000 | 0 | 0 | 600,000 |
| 2021 | 200,000 | 200,000 | 0 | Revenues | | | | | | | | | |
| 2022 | 200,000 | 200,000 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | 0 | 0 | 200,000 | 200,000 | 200,000 | 0 | 0 | 600,000 |
| 2024+ | 0 | 0 | 0 | Total | | 0 | 0 | 200,000 | 200,000 | 200,000 | 0 | 0 | 600,000 |
| | 600,000 | 600,000 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | |
| 2008 | 200,000 | 200,000 | 0 | | | | | | | | | | |
| 2010 | 800,000 | 800,000 | 0 | | | | | | | | | | |
| 2011 | 427,337 | 427,337 | 0 | | | | | | | | | | |
| 2014 | 1,005,000 | 1,005,000 | 0 | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | No Operating Budget Impact | | | | | | | 0 | 0 |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | Est. Completion Date | | | | | | |

| | | | | |
|------|-----------------|----------------------------------|-----------------------|---------|
| 2008 | January 1, 2008 | Growth: 0.0 % Maintenance: 0.0 % | France Isabelle Tunks | Ongoing |
|------|-----------------|----------------------------------|-----------------------|---------|



Project Version Summary

| | | | |
|-----------------------|---|---------------------|--------------------------------------|
| Project # | ECP-012-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Development, Projects & Right of Way |
| Title | South Cameron/South Windsor Planning District Infrastructure Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 9, Ward 10 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|--|--|----------------------------|-------------|-----------------------------|-------------|------------------|-------------|-------------------|--------------|---------|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| This project allows for the construction of local municipal services including storm and sanitary sewers, pavements and street lights in the South Cameron/South Windsor planning districts. Funding will cover any anticipated petitions along with providing for incentives to work with property owners. Recovery of expenses/Subsidies (as noted in Project Forecast) will come from the owners of the benefitting properties. | | | | Balance of funds needed for the City's share of paving works within the development. | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| 7033120 | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | <u>Revenue</u> | | <u>GL Account</u> | | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | 0 | 0 | 200,000 | 0 | 0 | 0 | 0 | 0 | 200,000 | |
| 2020 | 200,000 | 200,000 | 0 | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | 0 | 0 | 200,000 | 0 | 0 | 0 | 0 | 200,000 | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | 0 | 0 | 200,000 | 0 | 0 | 0 | 0 | 200,000 | | |
| | 200,000 | 200,000 | 0 | | | 0 | 0 | 200,000 | 0 | 0 | 0 | 0 | 200,000 | | |
| Historical Approved Budget | | | | | | | | | | | | | | | |
| | | <u>Revenue</u> | | <u>GL Account</u> | | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | | | |
| 2009 | 766,666 | 100,000 | 666,666 | 5410 Construction Contracts - TCA | | | | | | | | | | | |
| 2010 | 766,667 | 100,000 | 666,667 | | | | | | | | | | | | |
| 2011 | 766,667 | 100,000 | 666,667 | | | | | | | | | | | | |
| 2017 | 60,000 | 60,000 | 0 | Revenues | | | | | | | | | | | |
| | | | | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | Exp/(Rev) | | FTE Impact | | | |
| | | | | Unknown | | No Operating Budget Impact | | | | 0 | | 0 | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2007 | January 1, 2017 | Growth: 0.0 % Maintenance: 0.0 % | | Adam Pillon | | | | Ongoing | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|--------------------------------------|
| Project # | ECP-013-09 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Development, Projects & Right of Way |
| Title | La Bella Strada - Erie St. Business Improvement Area Streetscaping | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 3 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|---|--------------------------------|-------------|-------------|-----------------------------|-------------|-------------|-------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | |
| CR339/2010 approved the Erie Street BIA Streetscaping - La Bella Strada project. Phase 1A - Howard to Pierre was completed in 2011. Phase 1B - Erie from McDougall to Howard and Pierre to Lincoln. | | | | 2024+: Phase 1B - Erie Street - McDougall/Howard and Pierre/Lincoln - \$2,400,000 (net City cost) | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| 7109001 Closed | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 2915 | Consulting Services - External | | | | | | | 300,000 | 300,000 |
| 2019 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 2020 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | 2,500,000 | 2,500,000 |
| 2021 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | |
| 2024+ | 2,800,000 | 2,400,000 | 400,000 | | | | | | | | | 2,800,000 | 2,800,000 |
| | 2,800,000 | 2,400,000 | 400,000 | | | | | | | | | | |
| Historical Approved Budget | | | | Revenues | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | 176 | Federal Gas Tax Rebate | | | | | | | 2,400,000 | 2,400,000 |
| 2011 | 692,634 | 692,634 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | | | 6735 | Recovery Of Expenses EXTERNAL | | | | | | | 400,000 | 400,000 |
| | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | | | | | | | | | | | 2,800,000 | 2,800,000 |
| | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | No Operating Budget Impact | | | | | | | 0 | 0 |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | |
| 2009 | January 1, 2024 | Growth: 0.0 % Maintenance: 0.0 % | | France Isabelle-Tunks | | | | 2024 & Beyond | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|--------------------------------------|
| Project # | ECP-041-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Development, Projects & Right of Way |
| Title | New Infrastructure Development - Oversizing Infrastructure (Developer-related) | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | |
|--|----------------------|------------------------------------|-----------------------|--|---------------------------------|-----------------------------|-------------|-------------|-------------|-------------|------------------|-------------------|-----------|---------|---------|-----------|
| Project Description | | | | Version Description | | | | | | | | | | | | |
| This ongoing allotment is used to repay developers to oversize sewers and roads so other lands can be serviced. Any oversizing required by developers will require the developer's patience for payment to future years as other priorities require funding. | | | | Funding source for City's share of oversizing for anticipated developments. | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | |
| 7035119 | | | | CR133/2017 approved a pre-commitment of \$401,968 from the previously approved in principle amount in 2019 for BDO Canada Ltd. - Royal Timbers Phase 2A. | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | | |
| 2018 | 22,500 | 22,500 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | |
| 2019 | 755,000 | 755,000 | 0 | | 22,500 | 755,000 | 0 | 272,500 | 800,000 | 300,000 | 500,000 | 2,650,000 | | | | |
| 2020 | 0 | 0 | 0 | | Total | | | | 22,500 | 755,000 | 0 | 272,500 | 800,000 | 300,000 | 500,000 | 2,650,000 |
| 2021 | 272,500 | 272,500 | 0 | Revenues | | | | | | | | | | | | |
| 2022 | 800,000 | 800,000 | 0 | 028 | Sewer Surcharge | | | | | | | | | | | |
| 2023 | 300,000 | 300,000 | 0 | | 0 | 0 | 0 | 0 | 0 | 500,000 | 500,000 | | | | | |
| 2024+ | 500,000 | 500,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | |
| | 2,650,000 | 2,650,000 | 0 | | 22,500 | 755,000 | 0 | 272,500 | 800,000 | 300,000 | 0 | 2,150,000 | | | | |
| | | | | | Total | 22,500 | 755,000 | 0 | 272,500 | 800,000 | 300,000 | 500,000 | 2,650,000 | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | |
| 2007 | 150,000 | 150,000 | 0 | | | | | | | | | | | | | |
| 2008 | 486,000 | 486,000 | 0 | | | | | | | | | | | | | |
| 2009 | 250,000 | 250,000 | 0 | | | | | | | | | | | | | |
| 2010 | 250,000 | 250,000 | 0 | | | | | | | | | | | | | |
| 2011 | 250,000 | 250,000 | 0 | | | | | | | | | | | | | |
| 2014 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | |
| 2015 | 250,000 | 250,000 | 0 | | | | | | | | | | | | | |
| 2016 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | |
| 2017 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | Exp/(Rev) | FTE Impact | | | | |
| | | | | Unknown | No Operating Budget Impact. | | | | | 0 | 0 | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | Est. Completion Date | | | | | | | | | | |
| 2007 | January 1, 2015 | Growth: 100.0 % Maintenance: 0.0 % | France Isabelle-Tunks | | | Ongoing | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|-----------------------------------|---------------------|--------------------------------------|
| Project # | ENG-001-18 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Development, Projects & Right of Way |
| Title | Concord School Demolition | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|---|---------------------------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | |
| Council authorized Administration, via CR366/2017 / Report CR24/2017, to demolish the former Concord School and develop the site as low density housing, as part of the Riverside Arena / St. Rose Park Redevelopment. | | | | Administration previously communicated a cost of \$350,000 to demolish the old Concord School. The services required for the low density housing within the old school site is estimated to be \$600,000 including the relocation of a large trunk storm sewer. Revenues anticipated from the sale of the residential sites are in the range of \$600,000 to \$800,000. Noting that these revenues will fluctuate and are dependent on industry pricing at the time of the sale. The net value estimated for this project is \$350,000. | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | |
| 7171099 | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 1,000,000 | 1,000,000 | | | | | |
| 2021 | 0 | 0 | 0 | Total | 0 | 0 | 0 | 0 | 0 | 0 | 1,000,000 | 1,000,000 | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | |
| 2024+ | 1,000,000 | 350,000 | 650,000 | | 0 | 0 | 0 | 0 | 0 | 0 | 350,000 | 350,000 | | | | | |
| | 1,000,000 | 350,000 | 650,000 | 6735 | Recovery Of Expenses EXTERNAL | | | | | | | | | | | | |
| | | | | Total | 0 | 0 | 0 | 0 | 0 | 0 | 1,000,000 | 1,000,000 | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | |
| 2018 | January 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | | Colleen Middaugh | | | | | 2018 | | | | | | | | |



Project Version Summary

Project # ENG-002-18 **Service Area** Office of the City Engineer
Budget Year 2018 **Department** Engineering
Asset Type Unassigned **Division** Development, Projects & Right of Way

Title Asphalt Pavement Widening - Malden Rd./South Cameron Blvd.
Budget Status Council Approved Budget
Major Category Roads
Wards
Version Name Main (Active)

| | | | | | | | | | | | |
|--|----------------------|----------------------------------|---|-------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|
| Project Description | | | Version Description | | | | | | | | |
| In accordance with C 151/2017, Administration has applied for grant funding for bike lanes under the Public Transportation Infrastructure Fund (PTIF). | | | | | | | | | | | |
| Project Comments/Reference | | | Version Comments | | | | | | | | |
| 7171092 | | | C151/2017 pre-committed \$325,000 in funding from 2020. | | | | | | | | |
| Project Forecast | | | Project Detailed Forecast | | | | | | | | |
| | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | |
| 2020 | 325,000 | 325,000 | 0 | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | |
| | 325,000 | 325,000 | 0 | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | |
| Related Projects | | | Operating Budget Impact | | | | | | | | |
| Precedes | | | Project Title | | | | | | | | |
| ECP-003-09 | | | Cabana Rd. Infrastructure Improvements | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | Est. Completion Date | | | | |
| 2018 | January 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | Joe Dattilo / Josie Liburdi | | | | 2018 | | | | |



Project Version Summary

| | | | |
|-----------------------|-----------------------------------|---------------------|--------------------------------------|
| Project # | ENG-003-18 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Development, Projects & Right of Way |
| Title | Sandwich Library | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | Ward 2 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|-----------------------------------|----------------------|---|---------------------|----------------------------------|---------------------------------|---|-------------|-------------|-------------|-------------|--------------|--------------|-----------|
| Project Description | | Estimated additional funds required for the construction of the Sandwich Library (and tower). | | Version Description | | CR768/2017, Report #C 223/2017 was approved by Council on Dec. 18th/17 for a pre-commitment of funds to secure Tender No. 100-17. | | | | | | | |
| Project Comments/Reference | | 7159013 | | Version Comments | | | | | | | | | |
| Project Forecast | | Revenue | | Project Detailed Forecast | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | |
| 2018 | 513,795 | 513,795 | 0 | Expenses | | | | | | | | | |
| 2019 | 434,280 | 434,280 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | |
| 2020 | 465,720 | 465,720 | 0 | | 513,795 | 434,280 | 465,720 | 0 | 500,000 | 0 | 0 | 1,913,795 | |
| 2021 | 0 | 0 | 0 | | Total | 513,795 | 434,280 | 465,720 | 0 | 500,000 | 0 | 0 | 1,913,795 |
| 2022 | 500,000 | 500,000 | 0 | Revenues | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 122 | Dev Chg - Library | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 513,795 | 0 | 0 | 0 | 0 | 0 | 0 | 513,795 | |
| | 1,913,795 | 1,913,795 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | |
| | | | | | 0 | 434,280 | 465,720 | 0 | 500,000 | 0 | 0 | 1,400,000 | |
| | | | | | Total | 513,795 | 434,280 | 465,720 | 0 | 500,000 | 0 | 0 | 1,913,795 |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | Est. Completion Date | | | | | | | | |
| 2018 | January 1, 2018 | Growth: 100.0 % Maintenance: 0.0 % | Joe Dattilo | | 2019 | | | | | | | | |



Project Version Summary

Project # ECP-001-07 **Service Area** Office of the City Engineer
Budget Year 2018 **Department** Engineering
Asset Type Unassigned **Division** Infrastructure & Geomatics

Title Citywide Streetlight Pole/Wiring Upgrades & Relocations
Budget Status Council Approved Budget
Major Category Transportation Infrastructure
Wards City Wide
Version Name Main (Active)

| | | | | | | | | | | | | | |
|---|----------------------|------------------------------------|------------------|--|--|--|-------------|-----------------------------|-------------|-------------|-------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | |
| Several programs have been developed to replace, upgrade and maintain various street lights city wide. This includes: - Street light relocation due to Enwin capital hydro project upgrades - Upgrades to street light poles and wiring | | | | 2018 - 2023: Street light relocations, upgrades to street light poles and wiring citywide - Citywide street light relocation due to Enwin capital hydro project upgrades and upgrades to street light poles and wiring. | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| (7093003 closed)/7035011 | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 700,000 | 700,000 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | |
| 2019 | 520,000 | 520,000 | 0 | | | 700,000 | 520,000 | 240,000 | 500,000 | 200,000 | 362,000 | 1,638,000 | 4,160,000 |
| 2020 | 240,000 | 240,000 | 0 | | | Total | | | | | | | |
| 2021 | 500,000 | 500,000 | 0 | | | 700,000 | 520,000 | 240,000 | 500,000 | 200,000 | 362,000 | 1,638,000 | 4,160,000 |
| 2022 | 200,000 | 200,000 | 0 | Revenues | | | | | | | | | |
| 2023 | 362,000 | 362,000 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | |
| 2024+ | 1,638,000 | 1,638,000 | 0 | | | 700,000 | 520,000 | 240,000 | 500,000 | 200,000 | 362,000 | 1,638,000 | 4,160,000 |
| | 4,160,000 | 4,160,000 | 0 | | | Total | | | | | | | |
| | | | | | | 700,000 | 520,000 | 240,000 | 500,000 | 200,000 | 362,000 | 1,638,000 | 4,160,000 |
| Historical Approved Budget | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | |
| 2007 | 200,000 | 200,000 | 0 | | | | | | | | | | |
| 2008 | 375,000 | 375,000 | 0 | | | | | | | | | | |
| 2009 | 800,000 | 800,000 | 0 | | | | | | | | | | |
| 2010 | 800,000 | 800,000 | 0 | | | | | | | | | | |
| 2011 | 850,000 | 100,000 | 750,000 | | | | | | | | | | |
| 2015 | 120,000 | 120,000 | 0 | | | | | | | | | | |
| 2016 | 340,000 | 340,000 | 0 | | | | | | | | | | |
| 2017 | 400,000 | 400,000 | 0 | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | | Upgraded street light equipment is likely to result in reduced energy and maintenance costs. | | | | | | 0 | 0 |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | |
| 2007 | January 1, 2007 | Growth: 0.0 % Maintenance: 100.0 % | | Tiffany Pocock | | | | Ongoing | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-----------------------------|
| Project # | ECP-001-10 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | Upper Little River Stormwater Management Plan and Implementation | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | Ward 9 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|---|----------------------|------------------------------------|------------------|---|--------------------------------|--|-------------|-----------------------------|-------------|-------------|-------------|-------------------|--------------------|
| Project Description | | | | Version Description | | | | | | | | | |
| To provide storm water drainage outlet and regional storm water management facilities for the Sandwich South Employment Lands. Upper Little River Storm Water Study was initiated to develop a plan for the provision, protection, enhancement and restoration of the drainage system. To be constructed in phases. | | | | 2018: Engineering - \$500,000 2024+: Phased Engineering, Land Acquisition and Construction - \$202,000,000 | | | | | | | | | |
| Note: Project estimate includes cost for land acquisitions. | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| 7076102/7155000 (closed) | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 500,000 | 500,000 | 0 | 2915 | Consulting Services - External | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 500,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 500,000 |
| 2020 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | |
| 2021 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 202,000,00 | 202,000,00 | 202,000,000 |
| 2022 | 0 | 0 | 0 | | | | | | | | | | 0 |
| 2023 | 0 | 0 | 0 | | | | | | | | | | |
| 2024+ | 202,000,000 | 202,000,000 | 0 | | | | | | | | | | |
| | 202,500,000 | 202,500,000 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | | Revenues | | | | | | | | | |
| | | Revenue | | 028 Sewer Surcharge | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | 185,000 | 0 | 0 | 0 | 0 | 0 | 0 | 202,000,00 | 202,185,000 |
| 2015 | 250,000 | 250,000 | 0 | | | | | | | | | | 0 |
| | | | | 117 Dev Chg - Storm & Drains | | | | | | | | | |
| | | | | | 315,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 315,000 |
| | | | | | | | | | | | | | |
| | | | | | Total | 500,000 | 0 | 0 | 0 | 0 | 0 | 202,000,00 | 202,500,000 |
| | | | | | | | | | | | | | 0 |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | | Depending on the final design of the drainage system, there may be additional drain maintenance costs. | | | | | | 0 | 0 |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | |
| 2010 | January 1, 2018 | Growth: 100.0 % Maintenance: 0.0 % | | Anna Godo | | | | 2024 & Beyond | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-----------------------------|
| Project # | ECP-002-08 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | Provincial Rd./Division Rd. Corridor Infrastructure Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 9 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|-------------------------------|--|-------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|--|--|--|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | | |
| Improvements on the Provincial/Division corridor are required as a result of traffic growth and expanded commercial activity. The ESR for this project was completed in 2007. | | | | Provincial/Division Corridor Improvements: Note: Estimates do not include utilities, land acquisition or storm sewers. 2019: Improvements to N. Roseland Stormwater Facility - \$2,000,000 2020: Improvements to N. Roseland Stormwater Facility - \$1,850,000 2021: Engineering / Property Acquisition - Provincial / Sixth Concession Intersection - \$2,000,000 2024+: Provincial / Sixth Concession Intersection - \$5,850,000 Provincial - Sixth Concession to Legacy Park - \$10,000,000 Phased Construction - \$47,700,000 | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | |
| 7086003 | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | | | | |
| 2019 | 2,000,000 | 2,000,000 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | | |
| 2020 | 1,850,000 | 1,850,000 | 0 | 0 2,000,000 1,850,000 2,000,000 0 0 63,550,000 69,400,000 | | | | | | | | | | | | | | | | |
| 2021 | 2,000,000 | 2,000,000 | 0 | Total 0 2,000,000 1,850,000 2,000,000 0 0 63,550,000 69,400,000 | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 028 Sewer Surcharge | | | | | | | | | | | | | | | | |
| 2024+ | 63,550,000 | 63,550,000 | 0 | 0 2,000,000 1,150,000 0 0 0 0 3,150,000 | | | | | | | | | | | | | | | | |
| 69,400,000 | 69,400,000 | 0 | 115 Dev Chg - Roads & Related | | | | | | | | | | | | | | | | | |
| | | | | 0 0 0 375,000 0 0 0 375,000 | | | | | | | | | | | | | | | | |
| | | | | 117 Dev Chg - Storm & Drains | | | | | | | | | | | | | | | | |
| | | | | 0 0 700,000 0 0 0 0 700,000 | | | | | | | | | | | | | | | | |
| | | | | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | |
| | | | | 0 0 0 1,625,000 0 0 63,550,000 65,175,000 | | | | | | | | | | | | | | | | |
| | | | | Total 0 2,000,000 1,850,000 2,000,000 0 0 63,550,000 69,400,000 | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | |
| 2008 | 120,000 | 120,000 | 0 | | | | | | | | | | | | | | | | | |
| 2009 | 600,000 | 600,000 | 0 | | | | | | | | | | | | | | | | | |
| 2010 | 8,226,666 | 4,226,666 | 4,000,000 | | | | | | | | | | | | | | | | | |
| 2016 | 3,069,000 | 3,069,000 | 0 | | | | | | | | | | | | | | | | | |
| 2017 | 2,000,000 | 2,000,000 | 0 | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | | |
| | | | | Effective Date Description Exp/(Rev) FTE Impact | | | | | | | | | | | | | | | | |
| | | | | Unknown Depending on the final design, there may be additional sewer and road maintenance costs. 0 0 | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | | Est. Completion Date | | | | | | | | | | | | |
| 2008 | January 1, 2009 | Growth: 0.0 % Maintenance: 0.0 % | Jane He | | | | | 2024 & Beyond | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-----------------------------|
| Project # | ECP-002-10 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | Banwell Rd. Infrastructure Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 7, Ward 9 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | |
|--|-----------------------------------|----------------------------------|--|-----------------------------|-------------------|-------------|-------------|-------------|-------------|--------------|--------------|
| Project Description | | | Version Description | | | | | | | | |
| The draft Environmental Study Report contains recommendations on construction phasing for improvements to Banwell Road. The limits of the study are from Tecumseh Rd. E. to the City Limits (Canadian Pacific Railway). This project includes a new grade separation at E.C. Row Expressway. | | | 2020: Design Banwell / EC Row Interchange - \$1,000,000 2021: Design / Property Acquisition - Banwell / EC Row Interchange - \$1,000,000 2023: Property Acquisition / Utility Relocation - \$1,000,000 2024+: Property Acquisition / Utility Relocation - \$7,210,000 Interchange Construction - Overpass - \$25,600,000 Phased Construction - \$52,000,000 | | | | | | | | |
| Project Comments/Reference | | | Version Comments | | | | | | | | |
| Project Forecast | | | Project Detailed Forecast | | | | | | | | |
| | | Revenue | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | |
| 2020 | 1,000,000 | 1,000,000 | 0 | | | | | | | | |
| 2021 | 1,000,000 | 1,000,000 | 0 | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | |
| 2023 | 1,000,000 | 1,000,000 | 0 | | | | | | | | |
| 2024+ | 84,810,000 | 84,810,000 | 0 | | | | | | | | |
| | 87,810,000 | 87,810,000 | 0 | | | | | | | | |
| Historical Approved Budget | | | Expenses 5410 Construction Contracts - TCA 0 0 1,000,000 1,000,000 0 1,000,000 84,810,000 87,810,000 <hr/> Total 0 0 1,000,000 1,000,000 0 1,000,000 84,810,000 87,810,000 Revenues 115 Dev Chg - Roads & Related 0 0 1,000,000 1,000,000 0 1,000,000 0 3,000,000 169 Pay As You Go - Capital Reserve 0 0 0 0 0 0 84,810,000 84,810,000 <hr/> Total 0 0 1,000,000 1,000,000 0 1,000,000 84,810,000 87,810,000 | | | | | | | | |
| Related Projects | | | Operating Budget Impact | | | | | | | | |
| Precedes | Project Title | Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | |
| ECP-009-07 | Intersection Improvements Program | Unknown | Depending on the final design, there may be additional road maintenance costs. | 0 | 0 | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | |
| 2010 | January 1, 2020 | Growth: 0.0 % Maintenance: 0.0 % | Anna Godo | 2024 & Beyond | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-----------------------------|
| Project # | ECP-003-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | Grand Marais Rd. Infrastructure Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 10 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | |
|---|----------------------|------------------------------------|------------------|---|-------------|--|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|--|------------------|--|-------------------|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | |
| Due to development in the area and substandard road conditions, road improvements are required from Walker to Howard. The ESR for this project was completed in 2000. | | | | 2018: Land Acquisition - \$340,000 2024+: Construction: Parent to Walker - \$8,050,000 Construction: Howard to Parent - \$2,900,000 | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | |
| 7031012 Closed/7141017 | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | | | | | | |
| 2018 | 340,000 | 340,000 | 0 | Expenses | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | 340,000 0 0 0 0 0 10,950,000 11,290,000 | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | Total 340,000 0 0 0 0 0 10,950,000 11,290,000 | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 115 Dev Chg - Roads & Related | | | | | | | | | | | | | | | |
| 2024+ | 10,950,000 | 10,950,000 | 0 | 340,000 0 0 0 0 0 10,950,000 11,290,000 | | | | | | | | | | | | | | | |
| 11,290,000 | 11,290,000 | 0 | | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | |
| | | | | 0 0 0 0 0 0 0 0 0 | | | | | | | | | | | | | | | |
| | | | | Total 340,000 0 0 0 0 0 10,950,000 11,290,000 | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | | | | | | |
| 2014 | 375,000 | 375,000 | 0 | | | | | | | | | | | | | | | | |
| 2017 | 60,000 | 60,000 | 0 | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | |
| | | | | <u>Effective Date</u> | | <u>Description</u> | | | | | | | | | | <u>Exp/(Rev)</u> | | <u>FTE Impact</u> | |
| | | | | Unknown | | Depending on the final design, there may be additional road maintenance costs. | | | | | | | | | | 0 | | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | | | |
| 2007 | January 1, 2015 | Growth: 100.0 % Maintenance: 0.0 % | | Sergio Colucci / Mike Cappucci | | | | | 2024 & Beyond | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-----------------------------|
| Project # | ECP-003-08 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | Howard Ave. - South Corridor Infrastructure Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 1, Ward 9 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|--|-------------|--|----------------|-------------|-----------------------------|-------------|-------------------|-------------------|--|--|--|--|--|------------------|--|-------------------|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | | | |
| Improvements to the Howard Avenue corridor are required as a result of traffic growth from expanded residential and commercial activity. The ESR for this project was completed in 2003. Limits of entire project are South Cameron Blvd. to Herb Gray Parkway. | | | | 2020: Land Acquisition/Engineering - \$350,000 2022: Land Acquisition - Howard / Lake Trail - \$50,000 2024+: Construction - Howard / Lake Trail - \$6,000,000 Phased Construction - \$38,000,000 | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | | |
| 7096001 | | | | Pre-Commitment of \$350,000 available in 2020 as per CR86/2017 - C14/2017. | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 2915 Consulting Services - External | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 350,000 | 0 | 0 | 0 | 0 | 350,000 | | | | | | | | | |
| 2020 | 350,000 | 350,000 | 0 | 5210 Land Acquisition | | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 50,000 | 0 | 0 | 50,000 | | | | | | | | | |
| 2022 | 50,000 | 50,000 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | |
| 2024+ | 44,000,000 | 44,000,000 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 44,000,000 | 44,000,000 | | | | | | | | | |
| | 44,400,000 | 44,400,000 | 0 | Total | 0 | 0 | 350,000 | 0 | 50,000 | 0 | 44,000,000 | 44,400,000 | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | |
| | | | | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | | |
| | | | | | 0 | 0 | 350,000 | 0 | 50,000 | 0 | 44,000,000 | 44,400,000 | | | | | | | | | |
| | | | | Total | 0 | 0 | 350,000 | 0 | 50,000 | 0 | 44,000,000 | 44,400,000 | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | | | | | | | | |
| 2009 | 150,000 | 150,000 | 0 | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | | | | | | | Exp/(Rev) | | FTE Impact | |
| | | | | Unknown | | Depending on the final design, there may be additional sewer and road maintenance costs. | | | | | | | | | | | | 0 | | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | | | | | |
| 2008 | January 1, 2010 | Growth: 0.0 % Maintenance: 0.0 % | | Sergio Colucci | | | | | 2024 & Beyond | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-----------------------------|
| Project # | ECP-003-09 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | Cabana Rd. Infrastructure Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 1, Ward 9 | | |
| Version Name | Main (Active) | | |

Project Description
 Improvements on Cabana Rd. are required as a result of traffic growth, development of surrounding neighbourhoods and intensification. The Environmental Study Report was approved in 2008.
 As a result of the expected impacts stemming from the proposed location of the new acute care hospital, Council authorized Administration to proceed with design and contract administration of the Cabana Road Environmental Assessment implementation as per CR234/2015.

Version Description
 Timing of improvements:
 2018: Engineering, Land Acquisition and Construction - Dougall to Howard - \$4,060,000
 2019: Engineering, Land Acquisition and Construction - Dominion to Dougall - \$4,014,140
 2020: Land Acquisition and Construction (continued) - Dominion to Dougall - \$10,565,860
 2021: Engineering, Land Acquisition and Construction - Dominion to Glenwood - \$7,630,000
 2022: Engineering, Land Acquisition and Construction - Provincial to Walker - \$3,430,000
 2023: Land Acquisition and Construction (continued) - Provincial to Walker - \$3,430,000
 2025: Engineering, Land Acquisition and Construction - Glenwood to Huron Church - \$3,150,000
 Total: \$36,280,000
 Note that timing of expenditures differs from timing of funds, as funds were not available until future years.

Project Comments/Reference
 (7092005 Closed)/7152001

Version Comments
 CR234/2015, Report #18030 pre-commits the Cabana Road work in various phases.
 As per CR551/2017, Report # C 151/2017, Administration recommends \$325,000 in funding in 2020 be used for the Malden Road/South Cameron asphalt widening project as grant funding was secured under the Ontario Municipal Infrastructure Program (OMCIP).

| Project Forecast | | Revenue | |
|------------------|-------------------|-------------------|----------------|
| Year | Total Expense | Net City Cost | Subsidies |
| 2018 | 4,060,000 | 3,735,000 | 325,000 |
| 2019 | 3,830,325 | 3,830,325 | 0 |
| 2020 | 6,319,674 | 6,319,674 | 0 |
| 2021 | 6,056,742 | 6,056,742 | 0 |
| 2022 | 4,545,060 | 4,545,060 | 0 |
| 2023 | 3,852,560 | 3,852,560 | 0 |
| 2024+ | 7,615,639 | 7,615,639 | 0 |
| | 36,280,000 | 35,955,000 | 325,000 |

| Project Detailed Forecast | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
|---------------------------|---------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| Expenses | | | | | | | | | |
| 5410 | Construction Contracts - TCA | 4,060,000 | 3,830,325 | 6,319,674 | 6,056,742 | 4,545,060 | 3,852,560 | 7,615,639 | 36,280,000 |
| Total | | 4,060,000 | 3,830,325 | 6,319,674 | 6,056,742 | 4,545,060 | 3,852,560 | 7,615,639 | 36,280,000 |
| Revenues | | | | | | | | | |
| 028 | Sewer Surcharge | 0 | 0 | 2,119,674 | 2,881,372 | 1,369,690 | 677,190 | 1,264,918 | 8,312,844 |
| 115 | Dev Chg - Roads & Related | 1,642,675 | 315,325 | 175,000 | 0 | 0 | 0 | 0 | 2,133,000 |
| 117 | Dev Chg - Storm & Drains | 540,000 | 0 | 0 | 0 | 0 | 0 | 0 | 540,000 |
| 169 | Pay As You Go - Capital Reserve | 1,552,325 | 3,515,000 | 4,025,000 | 3,175,370 | 3,175,370 | 3,175,370 | 6,350,721 | 24,969,156 |
| 6310 | Ontario Specific Grants | 325,000 | 0 | 0 | 0 | 0 | 0 | 0 | 325,000 |
| Total | | 4,060,000 | 3,830,325 | 6,319,674 | 6,056,742 | 4,545,060 | 3,852,560 | 7,615,639 | 36,280,000 |

| Historical Approved Budget | | Revenue | |
|----------------------------|---------------|---------------|-----------|
| Year | Total Expense | Net City Cost | Subsidies |
| 2009 | 200,000 | 200,000 | 0 |
| 2015 | 125,000 | 125,000 | 0 |
| 2016 | 3,612,000 | 3,612,000 | 0 |
| 2017 | 6,468,000 | 6,468,000 | 0 |

| Related Projects | | Operating Budget Impact | | | |
|------------------|--|------------------------------------|---|----------------------|------------|
| Follows | Project Title | Effective Date | Description | Exp/(Rev) | FTE Impact |
| ECP-027-07 | Lennon Drain Improvements | Unknown | Upon completion of this project, road maintenance costs due to patching and maintaining gravel shoulders will decrease. These savings, however, will be offset by other road maintenance and snow removal costs resulting from the increased surface area of the road. Operating cost figures cannot be determined at this time as the project is still in its' preliminary stages, however, it is assumed that costs will be lower immediately following completion of the project and will escalate as the road ages. | 0 | 0 |
| ENG-002-18 | Asphalt Pavement Widening - Malden Rd./South Cameron Blvd. | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | |
| 2009 | January 1, 2016 | Growth: 50.0 % Maintenance: 50.0 % | Jane He | Ongoing | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-----------------------------|
| Project # | ECP-004-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | Walker Rd. Infrastructure Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 5, Ward 9, Ward 10 | | |
| Version Name | Main (Active) | | |

| | |
|---|---|
| Project Description | Version Description |
| Walker Rd. from Riverside Dr. E. to Hwy. 401. Road improvements are required due to the increased traffic throughout the Walker Rd. Corridor. Improvements include laying concrete pavement, enclosing roadside ditches with storm sewers, relocating utilities, widening a rail crossing, constructing proper pedestrian facilities and constructing a new watermain. The ESR for this project was completed in 2001. To date, approx. 80% of this project has been completed. | 2024+: Phased Construction - Foster Ave. to Airport Rd. - \$18,700,000 Engineering and Construction - Temple Drive extension - \$3,540,000 |

| | |
|-----------------------------------|--|
| Project Comments/Reference | Version Comments |
| 7092016 ISF, 7104001 | Through the LGWEM border projects, the Province of Ontario allocated \$15m in funding to complete improvements to Walker Rd. from Digby to Division. Future allocations are required to complete construction from Foster Ave. to Airport Rd. as well as Temple Dr. extension. |

| | | | | | | | | | | | | | |
|-------------------------|----------------|----------------------|----------------------------------|------------------|-------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|
| Project Forecast | Revenue | | Project Detailed Forecast | | | | | | | | | | |
| | Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| | 2018 | 0 | 0 | 0 | Expenses | | | | | | | | |
| | 2019 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | |
| | 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 22,240,000 | 22,240,000 |
| | 2021 | 0 | 0 | 0 | Total | 0 | 0 | 0 | 0 | 0 | 0 | 22,240,000 | 22,240,000 |
| | 2022 | 0 | 0 | 0 | Revenues | | | | | | | | |
| | 2023 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | |
| | 2024+ | 22,240,000 | 22,240,000 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 22,240,000 | 22,240,000 |
| | | 22,240,000 | 22,240,000 | 0 | Total | 0 | 0 | 0 | 0 | 0 | 0 | 22,240,000 | 22,240,000 |

| | | | | |
|-----------------------------------|----------------|----------------------|----------------------|------------------|
| Historical Approved Budget | Revenue | | | |
| | Year | Total Expense | Net City Cost | Subsidies |
| | 2007 | 2,545,000 | 2,545,000 | 0 |
| | 2009 | 2,700,000 | 900,000 | 1,800,000 |
| | 2010 | 9,166,666 | 2,355,555 | 6,811,111 |
| | 2011 | 1,000,000 | 0 | 1,000,000 |
| | 2012 | 8,000,000 | 0 | 8,000,000 |
| | 2013 | 6,000,000 | 0 | 6,000,000 |
| | 2015 | 450,000 | 450,000 | 0 |

| | | | |
|-------------------------|--------------------------------|--|-----------------------------|
| Related Projects | Operating Budget Impact | | |
| | Effective Date | Description | Exp/(Rev) FTE Impact |
| | Unknown | Depending on the final design, there may be additional sewer and road maintenance costs. | 0 0 |

| | | | | |
|------------------------|-------------------|----------------------------------|---------------------|-----------------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date |
| 2007 | January 1, 2007 | Growth: 0.0 % Maintenance: 0.0 % | Tiffany Pocock | 2024 & Beyond |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-----------------------------|
| Project # | ECP-004-08 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | Municipal Drains Capital Improvement Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|--|----------------------|----------------------|------------------|--|------------------------------|----------------------------|-------------|-------------|-------------|-------------|-------------|--------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | | |
| <p>Maintenance of Municipal Drains as required under the Drainage Act, s74 (Maintenance of drainage works and cost) and s79(1) (Power to compel repairs). Section 79(1) provides any person affected by the condition of a drain the power to compel repairs and places potential liability on the responsible municipality.</p> <p>There has been a significant increase in workload since the expiry of the ESA exemption agreement in dealing with MNRF issues.</p> | | | | <p>Municipal Drains: 2018: Drainage Engineer Reports and maintenance as required - \$200,000. 2020: Drainage Engineer Reports and maintenance as required - \$200,000. 2021: Drainage Engineer Reports and maintenance as required - \$200,000. 2022: Drainage Engineer Reports and maintenance as required - \$250,000. 2023: Drainage Engineer Reports and maintenance as required - \$250,000.</p> | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7086004 | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | |
| 2018 | 200,000 | 200,000 | 0 | 2950 | Other Prof Services-External | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | 200,000 | 0 | 200,000 | 200,000 | 250,000 | 250,000 | 500,000 | 1,600,000 | |
| 2020 | 200,000 | 200,000 | 0 | | | | | | | | | | | |
| 2021 | 200,000 | 200,000 | 0 | | | | | | | | | | | |
| 2022 | 250,000 | 250,000 | 0 | | | | | | | | | | | |
| 2023 | 250,000 | 250,000 | 0 | | | | | | | | | | | |
| 2024+ | 500,000 | 500,000 | 0 | | | | | | | | | | | |
| | 1,600,000 | 1,600,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | Revenues | | | | | | | | | | |
| | | Revenue | | 028 | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | |
| Year | Total Expense | Net City Cost | Subsidies | Sewer Surcharge | | | | | | | | | | |
| 2008 | 400,000 | 400,000 | 0 | | | 200,000 | 0 | 200,000 | 200,000 | 250,000 | 250,000 | 500,000 | 1,600,000 | |
| 2009 | 200,000 | 200,000 | 0 | | | | | | | | | | | |
| 2010 | 200,000 | 200,000 | 0 | | | | | | | | | | | |
| 2011 | 200,000 | 200,000 | 0 | | | | | | | | | | | |
| 2012 | 200,000 | 200,000 | 0 | | | | | | | | | | | |
| 2013 | 200,000 | 200,000 | 0 | | | | | | | | | | | |
| 2014 | 200,000 | 200,000 | 0 | | | | | | | | | | | |
| 2015 | 200,000 | 200,000 | 0 | | | | | | | | | | | |
| 2016 | 100,000 | 100,000 | 0 | | | | | | | | | | | |
| 2017 | 100,000 | 100,000 | 0 | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | | No Operating Budget Impact | | | | | | | 0 | 0 |

| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date |
|------------------------|-------------------|------------------------------------|---------------------|-----------------------------|
| 2008 | January 1, 2008 | Growth: 0.0 % Maintenance: 100.0 % | Anna Godo | Ongoing |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-----------------------------|
| Project # | ECP-004-09 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | Stormwater and Sanitary Master Plan Development | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | |
|--|---|
| Project Description | Version Description |
| The need for these Master plans was recognized as a result of several factors, including the acquisition of the Sandwich South Lands and the completion of many of the Priority 1 Storm Sewer projects. Over the past 50 years, many studies have been undertaken for Storm and Sanitary Drainage areas. In addition, the current CCTV sewer program will identify areas of concern for sewer replacement. The resulting Stormwater and Sanitary master plans will provide consolidation of the various Storm and Sanitary studies and identify Storm and Sanitary priority lists for future Capital Works Budgets. Depending on legislation, there may be a requirement to accelerate completion of the Master Plan. Source Water Protection Policies may require monitoring of combined sewer overflow outfalls within the areas of concern. | 2018: Drainage area sewer studies as prioritized by Sewer Master Plans - \$750,000 2022: Drainage area sewer studies as prioritized by Sewer Master Plans - \$250,000 2023: Drainage area sewer studies as prioritized by Sewer Master Plans - \$250,000 2024+: Drainage area sewer studies as prioritized by Sewer Master Plans - \$1,000,000 |

| | |
|-----------------------------------|---|
| Project Comments/Reference | Version Comments |
| 7124000 | C193/2017 and CR660/2017 pre-committed \$750,000 in 2018, \$250,000 in 2022, and \$250,000 in 2023. |

| Project Forecast | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----------------------------------|------------------|-----------|----------|----------------|----------------|------------------|------------------|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|-------|-----------|-----------|---|--|------------------|------------------|----------|---|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|---------|---|---|---|---------|---------|-----------|-----------|--------------|----------------|----------|----------|----------|----------------|----------------|------------------|------------------|-----------------|--|--|--|--|--|--|--|--|---------------------|---------|---|---|---|---------|---------|-----------|-----------|---------------------|---------|---|---|---|---|---|---|---------|--------------|----------------|----------|----------|----------|----------------|----------------|------------------|------------------|
| <table border="1" style="width: 100%;"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>750,000</td><td>750,000</td><td>0</td></tr> <tr><td>2019</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2020</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2021</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2022</td><td>250,000</td><td>250,000</td><td>0</td></tr> <tr><td>2023</td><td>250,000</td><td>250,000</td><td>0</td></tr> <tr><td>2024+</td><td>1,000,000</td><td>1,000,000</td><td>0</td></tr> <tr><td></td><td>2,250,000</td><td>2,250,000</td><td>0</td></tr> </tbody> </table> | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2018 | 750,000 | 750,000 | 0 | 2019 | 0 | 0 | 0 | 2020 | 0 | 0 | 0 | 2021 | 0 | 0 | 0 | 2022 | 250,000 | 250,000 | 0 | 2023 | 250,000 | 250,000 | 0 | 2024+ | 1,000,000 | 1,000,000 | 0 | | 2,250,000 | 2,250,000 | 0 | <table border="1" style="width: 100%;"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>2951 INTERNAL Service Salary Allocn</td> <td>750,000</td> <td>0</td> <td>0</td> <td>0</td> <td>250,000</td> <td>250,000</td> <td>1,000,000</td> <td>2,250,000</td> </tr> <tr> <td>Total</td> <td>750,000</td> <td>0</td> <td>0</td> <td>0</td> <td>250,000</td> <td>250,000</td> <td>1,000,000</td> <td>2,250,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>028 Sewer Surcharge</td> <td>250,000</td> <td>0</td> <td>0</td> <td>0</td> <td>250,000</td> <td>250,000</td> <td>1,000,000</td> <td>1,750,000</td> </tr> <tr> <td>153 Sewer Surcharge</td> <td>500,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>500,000</td> </tr> <tr> <td>Total</td> <td>750,000</td> <td>0</td> <td>0</td> <td>0</td> <td>250,000</td> <td>250,000</td> <td>1,000,000</td> <td>2,250,000</td> </tr> </tbody> </table> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 2951 INTERNAL Service Salary Allocn | 750,000 | 0 | 0 | 0 | 250,000 | 250,000 | 1,000,000 | 2,250,000 | Total | 750,000 | 0 | 0 | 0 | 250,000 | 250,000 | 1,000,000 | 2,250,000 | Revenues | | | | | | | | | 028 Sewer Surcharge | 250,000 | 0 | 0 | 0 | 250,000 | 250,000 | 1,000,000 | 1,750,000 | 153 Sewer Surcharge | 500,000 | 0 | 0 | 0 | 0 | 0 | 0 | 500,000 | Total | 750,000 | 0 | 0 | 0 | 250,000 | 250,000 | 1,000,000 | 2,250,000 |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 750,000 | 750,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 250,000 | 250,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 250,000 | 250,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 1,000,000 | 1,000,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2,250,000 | 2,250,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2951 INTERNAL Service Salary Allocn | 750,000 | 0 | 0 | 0 | 250,000 | 250,000 | 1,000,000 | 2,250,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 750,000 | 0 | 0 | 0 | 250,000 | 250,000 | 1,000,000 | 2,250,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 028 Sewer Surcharge | 250,000 | 0 | 0 | 0 | 250,000 | 250,000 | 1,000,000 | 1,750,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 153 Sewer Surcharge | 500,000 | 0 | 0 | 0 | 0 | 0 | 0 | 500,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 750,000 | 0 | 0 | 0 | 250,000 | 250,000 | 1,000,000 | 2,250,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%;"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2012</td><td>250,000</td><td>250,000</td><td>0</td></tr> <tr><td>2013</td><td>200,000</td><td>200,000</td><td>0</td></tr> <tr><td>2014</td><td>500,000</td><td>500,000</td><td>0</td></tr> <tr><td>2015</td><td>700,000</td><td>700,000</td><td>0</td></tr> </tbody> </table> | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2012 | 250,000 | 250,000 | 0 | 2013 | 200,000 | 200,000 | 0 | 2014 | 500,000 | 500,000 | 0 | 2015 | 700,000 | 700,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2012 | 250,000 | 250,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2013 | 200,000 | 200,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2014 | 500,000 | 500,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2015 | 700,000 | 700,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Related Projects | Operating Budget Impact | | | | | | | | |
|-------------------------|---|----------------|-------------|-----------|------------|---------|----------------------------|---|---|
| | <table border="1" style="width: 100%;"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>No Operating Budget Impact</td> <td>0</td> <td>0</td> </tr> </tbody> </table> | Effective Date | Description | Exp/(Rev) | FTE Impact | Unknown | No Operating Budget Impact | 0 | 0 |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | |
| Unknown | No Operating Budget Impact | 0 | 0 | | | | | | |

| | | | | |
|------------------------|-------------------|------------------------------------|---------------------|-----------------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date |
| 2009 | January 1, 2013 | Growth: 75.0 % Maintenance: 25.0 % | Anna Godo | 2024 & Beyond |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-----------------------------|
| Project # | ECP-005-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | Tecumseh Rd. E. Infrastructure Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 7, Ward 8 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|---|--|-------------|-------------|-------------|-----------------------------|-------------|-------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | |
| The ESR for this project was completed in 1996. Improvements on Tecumseh Rd. E. are required as a result of traffic growth and expanded commercial activity. Project involves widening Tecumseh Rd. E. between Jefferson and Banwell. Planned improvements include building three through lanes in both directions, creating left turn storage lanes at all intersections, building raised medians, 1.5 km of sidewalk on both sides of the road, undertake the replacement of watermains and other utilities and extend the sanitary sewer. As of 2016, Jefferson to Lauzon Rd. has been completed. | | | | 2020: Design – Tecumseh Rd. E. / Forest Glade Dr. Intersection - \$50,000 2021: Design - Tecumseh Rd. E./Forest Glade Dr. intersection - \$450,000 2022: Land Acquisition - \$500,000 2024+: Utility Relocation & Construction - Tecumseh Rd. E./Forest Glade Dr. Intersection - \$5,830,000 Design & Construction of Little River Bridge - \$8,320,000 Design, Land Acquisition & Construction - Lauzon Rd. to Forest Glade Dr. - \$10,200,000 Jefferson Boulevard from Tecumseh Rd. E. to Rose Avenue - \$2,910,000 Staged construction for remainder of improvements - \$24,040,000 | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| 7092017 ISF | | | | Until this is completed, the 2014 Enhanced Capital Budget approved milling and paving for Tecumseh Rd. - Forest Glade to Banwell. | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5210 | Land Acquisition | 0 | 0 | 0 | 0 | 500,000 | 0 | 0 | 500,000 |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | 0 | 0 | 50,000 | 450,000 | 0 | 0 | 51,300,000 | 51,800,000 |
| 2020 | 50,000 | 50,000 | 0 | Total | | 0 | 0 | 50,000 | 450,000 | 500,000 | 0 | 51,300,000 | 52,300,000 |
| 2021 | 450,000 | 450,000 | 0 | Revenues | | | | | | | | | |
| 2022 | 500,000 | 500,000 | 0 | 115 | Dev Chg - Roads & Related | 0 | 0 | 0 | 450,000 | 0 | 0 | 0 | 450,000 |
| 2023 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | 0 | 0 | 50,000 | 0 | 500,000 | 0 | 51,300,000 | 51,850,000 |
| 2024+ | 51,300,000 | 51,300,000 | 0 | Total | | 0 | 0 | 50,000 | 450,000 | 500,000 | 0 | 51,300,000 | 52,300,000 |
| | 52,300,000 | 52,300,000 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | |
| 2009 | 5,400,000 | 1,800,000 | 3,600,000 | | | | | | | | | | |
| 2010 | 3,000,000 | 1,000,000 | 2,000,000 | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | By undertaking this project in 2022+, the maintenance division will have to do road repairs in 2017. | | | | | | | 0 | 0 |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | |
| 2007 | January 1, 2009 | Growth: 0.0 % Maintenance: 0.0 % | | Wes Hicks | | | | | 2024 & Beyond | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-----------------------------|
| Project # | ECP-005-08 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | Grand Marais Drain Improvements (Concrete Channel) | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | Ward 10 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|---------------------|--|---|-------------|-------------|-------------|-------------|-------------|-----------------------------|-------------------|---|------------|------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | |
| Portions of the existing concrete channel between Dougall Avenue and Huron Church Road is in poor structural condition and as a result reconstruction of portions of the channel and panels are required. An environmental study report was completed in June of 2012 which identified various options including naturalising/enclosing portions of the existing concrete channel. | | | | Grand Marais Drain Improvements (Concrete Channel): 2024+: Construction, Dougall to Bruce - \$2,400,000 Phased Construction - \$37,400,000 | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | |
| 7086005 | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 39,800,000 | 39,800,000 | | | | | |
| 2020 | 0 | 0 | 0 | | Total | | | | | | | | 0 | 39,800,000 | 39,800,000 | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 028 | Sewer Surcharge | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 39,800,000 | 39,800,000 | | | | | |
| 2024+ | 39,800,000 | 39,800,000 | 0 | | Total | | | | | | | | 0 | 39,800,000 | 39,800,000 | | |
| | | 39,800,000 | 39,800,000 | 0 | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | |
| 2008 | 250,000 | 250,000 | 0 | | | | | | | | | | | | | | |
| 2009 | 250,000 | 250,000 | 0 | | | | | | | | | | | | | | |
| 2010 | 500,000 | 500,000 | 0 | | | | | | | | | | | | | | |
| 2011 | 500,000 | 500,000 | 0 | | | | | | | | | | | | | | |
| 2016 | 250,000 | 250,000 | 0 | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | Exp/(Rev) | FTE Impact | | | | | |
| | | | | Unknown | Depending on the final design, there may be additional drain maintenance costs. | | | | | 0 | 0 | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | | | | | Est. Completion Date | | | | | | |
| 2008 | January 1, 2010 | Growth: 0.0 % Maintenance: 0.0 % | Anna Godo | | | | | | | | 2024 & Beyond | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-----------------------------|
| Project # | ECP-005-10 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | Local Improvement Program - Road Rehabilitation | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|---------------------|---|---|------------------|-------------------|-------------|-------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| This program relates to roads having a rural cross-section that are in need of pavement rehabilitation and that do not require sewer rehabilitation. This funding is to be used to finance the construction of curbing and boulevard restoration, while the pavement rehabilitation will be funded through the City-Wide Road Rehabilitation Program. | | | | Proposed Local Improvement Petitions: Tourangeau - Grand Marais to Plymouth Radisson - West Grand to Norfolk Woodlawn - West Grand to Norfolk Virginia Park - West Grand to Norfolk | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7111012 | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | |
| 2019 | 250,000 | 250,000 | 0 | | 0 | 250,000 | 200,000 | 200,000 | 200,000 | 0 | 200,000 | 1,050,000 | | |
| 2020 | 200,000 | 200,000 | 0 | Total | 0 | 250,000 | 200,000 | 200,000 | 200,000 | 0 | 200,000 | 1,050,000 | | |
| 2021 | 200,000 | 200,000 | 0 | Revenues | | | | | | | | | | |
| 2022 | 200,000 | 200,000 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 250,000 | 200,000 | 200,000 | 200,000 | 0 | 200,000 | 1,050,000 | | |
| 2024+ | 200,000 | 200,000 | 0 | Total | 0 | 250,000 | 200,000 | 200,000 | 200,000 | 0 | 200,000 | 1,050,000 | | |
| | 1,050,000 | 1,050,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | |
| 2011 | 300,000 | 300,000 | 0 | | | | | | | | | | | |
| 2016 | 200,000 | 200,000 | 0 | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | | |
| | | | | Unknown | The streets listed above all require high maintenance. Any delay in funding will require temporary asphalt repairs out of the operating budget. | 0 | 0 | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | |
| 2010 | January 1, 2012 | Growth: 0.0 % Maintenance: 0.0 % | Wes Hicks | Ongoing | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-----------------------------|
| Project # | ECP-006-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | Howard Ave. Infrastructure Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 3 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|--|--|--|-------------|-----------------------------|-------------|-------------|-------------|------------------|--------------|-------------------|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| Howard Avenue - Erie Street East to Tecumseh Road East. The ESR for this project was completed in 2002. Road improvements have been implemented. Sewer improvements are still required due to deficiencies which have caused flooding. | | | | 2024+: Outlet sewers/road reconstruction on Giles Blvd. and Ellis Street from McDougall to Howard - \$3,550,000 This is necessary because Giles Blvd. and Ellis St. sewers provide relief for the Howard Ave. sewers. | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 3,550,000 | 3,550,000 | | |
| 2020 | 0 | 0 | 0 | Total | | 0 | 0 | 0 | 0 | 0 | 0 | 3,550,000 | 3,550,000 | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 3,550,000 | 3,550,000 | | |
| 2024+ | 3,550,000 | 3,550,000 | 0 | Total | | 0 | 0 | 0 | 0 | 0 | 0 | 3,550,000 | 3,550,000 | | |
| | 3,550,000 | 3,550,000 | 0 | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| Related Projects | | | | Effective Date | | Description | | | | | | Exp/(Rev) | | FTE Impact | |
| | | | | Unknown | | Depending on the final design, there may be decreased sewer maintenance costs. | | | | | | 0 | | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2007 | January 1, 2022 | Growth: 0.0 % Maintenance: 0.0 % | | Wes Hicks | | | | 2024 & Beyond | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-----------------------------|
| Project # | ECP-007-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | Local Improvement Program - Infrastructure | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|---|----------------------|------------------------------------|------------------|---|---|-------------|-------------|-------------|-----------------------------|-------------|-------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | |
| This program relates to the contribution of roads, alleys, sidewalks, streetlight and drainage as local improvements. | | | | A review of rural cross-section roads has been undertaken. At this point in time, there are a significant number of these roads where the sewers do not have CCTV ratings which makes it nearly impossible to prioritize the potential projects. Therefore, a listing is not provided at this time and will be reported to Council once we are able to prioritize the roadway segments. | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| (7071033/7091004/7102001 closed) 7171002 | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 195,000 | 115,000 | 80,000 | 5410 | Construction Contracts - TCA | | | | | | | | |
| 2019 | 1,000,000 | 900,000 | 100,000 | | 195,000 | 1,000,000 | 1,744,800 | 1,500,000 | 0 | 0 | 13,592,500 | 18,032,300 | |
| 2020 | 1,744,800 | 1,394,800 | 350,000 | | <hr/> | | | | | | | | |
| 2021 | 1,500,000 | 1,369,280 | 130,720 | | Total | 195,000 | 1,000,000 | 1,744,800 | 1,500,000 | 0 | 0 | 13,592,500 | 18,032,300 |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 028 | Sewer Surcharge | | | | | | | | |
| 2024+ | 13,592,500 | 12,045,000 | 1,547,500 | | 115,000 | 0 | 273,700 | 545,562 | 0 | 0 | 4,895,000 | 5,829,262 | |
| | 18,032,300 | 15,824,080 | 2,208,220 | 153 | Sewer Surcharge | | | | | | | | |
| | | | | | 0 | 225,000 | 75,000 | 0 | 0 | 0 | 0 | 300,000 | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| | | Revenue | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact |
| Year | Total Expense | Net City Cost | Subsidies | Unknown | Depending on the final design, there may be decreased road maintenance costs. | | | | | | | 0 | 0 |
| 2007 | 1,352,000 | 1,300,000 | 52,000 | | | | | | | | | | |
| 2009 | 1,910,000 | 1,853,000 | 57,000 | | | | | | | | | | |
| 2010 | 1,945,000 | 1,650,000 | 295,000 | | | | | | | | | | |
| 2011 | 1,140,000 | 970,000 | 170,000 | | | | | | | | | | |
| 2017 | 260,000 | 260,000 | 0 | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | |
| 2007 | January 1, 2007 | Growth: 100.0 % Maintenance: 0.0 % | | Jane He / Janelle Coombs | | | | | Ongoing | | | | |



Project Version Summary

| | | | |
|-----------------------|--------------------------------|---------------------|-----------------------------|
| Project # | ECP-008-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | Pedestrian Safety Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|----------------------------|--|---|-----------------------------|-------------|-------------|-------------|-------------|-------------|------------------|-------------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| Placeholder to be used based on priority analysis for various locations. - School approach sidewalks - Transit route sidewalks | | | | There is currently funding available from previous year's Capital Budgets for this program to deal with any requests and needs in this area. | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| 7045034 | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | |
| 2019 | 100,000 | 100,000 | 0 | | 0 | 100,000 | 0 | 0 | 100,000 | 0 | 0 | 0 | 200,000 | | |
| 2020 | 0 | 0 | 0 | Total | 0 | 100,000 | 0 | 0 | 100,000 | 0 | 0 | 0 | 200,000 | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2022 | 100,000 | 100,000 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 100,000 | 0 | 0 | 100,000 | 0 | 0 | 0 | 200,000 | | |
| 2024+ | 0 | 0 | 0 | Total | 0 | 100,000 | 0 | 0 | 100,000 | 0 | 0 | 0 | 200,000 | | |
| | 200,000 | 200,000 | 0 | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | | |
| 2007 | 75,000 | 75,000 | 0 | | | | | | | | | | | | |
| 2008 | 175,000 | 175,000 | 0 | | | | | | | | | | | | |
| 2009 | 175,000 | 175,000 | 0 | | | | | | | | | | | | |
| 2010 | 175,000 | 175,000 | 0 | | | | | | | | | | | | |
| 2011 | 175,000 | 175,000 | 0 | | | | | | | | | | | | |
| 2012 | 100,000 | 100,000 | 0 | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | | |
| | | | | Unknown | Depending on the final design, there may be increased sidewalk maintenance costs. | | | | | | | 0 | 0 | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | Est. Completion Date | | | | | | | | | |
| 2007 | January 1, 2008 | Growth: 0.0 % Maintenance: 0.0 % | Sergio Colucci/Mike Abaldo | | | Ongoing | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|-----------------------------------|---------------------|-----------------------------|
| Project # | ECP-009-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | Intersection Improvements Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | City Wide | | |
| Version Name | Road Safety (Active) | | |

| | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------|--|------------------|--|---------------------------------|---|-------------|-----------------------------|-------------|-------------|--------------|--------------|---|---------|---------|------------------|---------|-------------------|-----------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | | | |
| Locations will be confirmed based on the most current road safety report. | | | | Various locations as identified in the Road Safety Report. It is recommended that a consultant be retained to undertake safety audits on each identified location where not previously investigated. | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | | |
| (7062007 closed) 7151012, 7035046 | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | | |
| | | <u>Revenue</u> | | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | | | | | |
| 2019 | 470,000 | 470,000 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | | | | | |
| 2020 | 500,000 | 500,000 | 0 | | 0 | 470,000 | 500,000 | 500,000 | 500,000 | 500,000 | 500,000 | 2,970,000 | | | | | | | | | |
| 2021 | 500,000 | 500,000 | 0 | | Total | | | | | | | | 0 | 470,000 | 500,000 | 500,000 | 500,000 | 500,000 | 2,970,000 | | |
| 2022 | 500,000 | 500,000 | 0 | Revenues | | | | | | | | | | | | | | | | | |
| 2023 | 500,000 | 500,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | |
| 2024+ | 500,000 | 500,000 | 0 | | 0 | 470,000 | 500,000 | 500,000 | 500,000 | 500,000 | 500,000 | 2,970,000 | | | | | | | | | |
| | 2,970,000 | 2,970,000 | 0 | | Total | | | | | | | | 0 | 470,000 | 500,000 | 500,000 | 500,000 | 500,000 | 2,970,000 | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | | | | | | | | |
| 2015 | 15,000 | 15,000 | 0 | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | |
| Follows | | Project Title | | Effective Date | | Description | | | | | | | | | | Exp/(Rev) | | FTE Impact | | | |
| ECP-002-10 | | Banwell Rd. Infrastructure Improvements | | Unknown | | Depending on the final design, there may be increased road maintenance costs. | | | | | | | | | | 0 | | 0 | | | |
| EDG-001-11 | | Lauzon Parkway & County Rd. 42 Infrastructure Improvements | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | | | | | | | |
| 2007 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | | Wes Hicks / Josette Eugeni | | | | 2024 & Beyond | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-----------------------------|
| Project # | ECP-010-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | East Riverside Planning District Infrastructure Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 7 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|---|--|-------------|-------------|-------------|-----------------------------|-------------|--------------|------------------|-------------------|--|--|--|---|---------|---|-----------|---|---|---|-----------|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | | | | | | |
| The western portion of this planning area requires infrastructure improvements for the remaining 600 acres to develop. CR638/2004 approved the phasing plan for this planning district. An environmental assessment will be required prior to any construction occurring. | | | | 2019: Engineering - Wyandotte Street Extension from Banwell to Jarvis - \$250,000 2021: Engineering, Construction and Land Acquisition - Wyandotte Street Extension from Banwell to Jarvis - \$2,400,000 | | | | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | | | | | |
| Project 7033118 will track all Wyandotte Street Extension expenses. | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | | | | | | | | |
| 2019 | 250,000 | 250,000 | 0 | 2950 | Other Prof Services-External | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 250,000 | 0 | 2,400,000 | 0 | 0 | 0 | 2,650,000 | | | | | | | | | | | | |
| 2021 | 2,400,000 | 2,400,000 | 0 | Total | | | | | | | | | | | | | 0 | 250,000 | 0 | 2,400,000 | 0 | 0 | 0 | 2,650,000 |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 028 | Sewer Surcharge | | | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 0 | 0 | 321,478 | 0 | 0 | 0 | 321,478 | | | | | | | | | | | | |
| | 2,650,000 | 2,650,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | | | | |
| | | | | | 0 | 250,000 | 0 | 2,078,522 | 0 | 0 | 0 | 2,328,522 | | | | | | | | | | | | |
| | | | | Total | | | | | | | | | | | | | 0 | 250,000 | 0 | 2,400,000 | 0 | 0 | 0 | 2,650,000 |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | | | | | | | | | | | |
| 2007 | 8,000,000 | 8,000,000 | 0 | | | | | | | | | | | | | | | | | | | | | |
| 2008 | 3,150,000 | 3,150,000 | 0 | | | | | | | | | | | | | | | | | | | | | |
| 2009 | 4,816,667 | 4,816,667 | 0 | | | | | | | | | | | | | | | | | | | | | |
| 2010 | 2,250,000 | 2,250,000 | 0 | | | | | | | | | | | | | | | | | | | | | |
| 2015 | 1,000,000 | 1,000,000 | 0 | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | | | | | | | | | | | |
| | | | | Unknown | Depending on the final design, there may be additional road and sewer maintenance costs. | | | | | | 0 | 0 | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | | | | | | | | |
| 2007 | January 1, 2007 | Growth: 0.0 % Maintenance: 0.0 % | | Jane He | | | | | 2022 | | | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--------------------------------------|---------------------|-----------------------------|
| Project # | ECP-014-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | City Centre Streetscape Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 2, Ward 3 | | |
| Version Name | Main (Active) | | |

Project Description

The revitalization of the City Centre Streetscape work involves sewer repairs, watermain replacement, utility replacement, road, pedestrian and streetlight replacement, sidewalk and streetscape work. Phase 1 and 2 were completed in 2007. Phase 3 was completed in 2009. Phase 4 and 5 were completed in 2010 as part of the ISF projects. Phase 6 Ouellette from Wyandotte to Elliott - is last of the original project and will be constructed in 2017 / 2018.

Moving forward, improvements to the east-west streets, including University, Chatham and Pitt are also necessary. These improvements will be similar in nature to the Ouellette Ave and Pelissier St improvements.

Project Comments/Reference

7052085 closed/7092020 ISF closed/7143003

| Project Forecast | | Revenue | |
|------------------|-------------------|-------------------|----------------|
| Year | Total Expense | Net City Cost | Subsidies |
| 2018 | 897,640 | 0 | 897,640 |
| 2019 | 350,000 | 350,000 | 0 |
| 2020 | 350,000 | 350,000 | 0 |
| 2021 | 0 | 0 | 0 |
| 2022 | 5,700,000 | 5,700,000 | 0 |
| 2023 | 0 | 0 | 0 |
| 2024+ | 10,000,000 | 10,000,000 | 0 |
| | 17,297,640 | 16,400,000 | 897,640 |

| Historical Approved Budget | | Revenue | |
|----------------------------|---------------|---------------|-----------|
| Year | Total Expense | Net City Cost | Subsidies |
| 2007 | 150,000 | 150,000 | 0 |
| 2008 | 1,074,846 | 790,000 | 284,846 |
| 2009 | 4,032,987 | 2,039,750 | 1,993,237 |
| 2010 | 5,794,500 | 1,419,750 | 4,374,750 |

Version Description

2018: Ouellette from Wyandotte to Elliott - \$2,747,640 (Construction)
 2020: University from Victoria to Goyeau - \$350,000 (Engineering)
 2022: University from Victoria to Goyeau - \$4,200,000 (Construction)
 2024+: Phased City Centre Streetscape Improvements - \$10,000,000

Total Expenditures: \$17,297,640

Note that timing of work differs from detailed forecast below. This is due to funds for the Phase 6 (Ouellette from Wyandotte to Elliott) construction work not being available until 2020 and 2022.

Placeholder per CR291/2009 to continue City Centre Streetscaping retrofit program to encompass east - west City Centre streets on University, Pitt, Chatham, Park/City Hall Square and Wyandotte.

Version Comments

Phase 6 (Ouellette from Wyandotte to Elliott):
 CR107/2017 approved a pre-commitment of \$1,850,000 as a first charge to the 2018 5-year Capital Budget (i.e. \$350,000 in 2020 and \$1,500,000 in 2022) to update net expenditures to \$5,600,000.

CR469/2017 approved a pre-commitment of \$897,640 as a first charge to the 2018 5-year Capital Budget.

\$897,640 is being recommended to be funded from the 2017 Inflationary Pressures capital project (7171057) previously approved by Council.

| Project Detailed Forecast | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
|---------------------------|---------------------------------|----------------|----------------|----------------|----------|------------------|----------|-------------------|-------------------|
| GL Account | | | | | | | | | |
| Expenses | | | | | | | | | |
| 2915 | Consulting Services - External | 0 | 350,000 | 350,000 | 0 | 0 | 0 | 0 | 700,000 |
| 5410 | Construction Contracts - TCA | 897,640 | 0 | 0 | 0 | 5,700,000 | 0 | 10,000,000 | 16,597,640 |
| | Total | 897,640 | 350,000 | 350,000 | 0 | 5,700,000 | 0 | 10,000,000 | 17,297,640 |
| Revenues | | | | | | | | | |
| 169 | Pay As You Go - Capital Reserve | 0 | 350,000 | 350,000 | 0 | 5,700,000 | 0 | 10,000,000 | 16,400,000 |
| 7052 | TRANSFER From Capital Projects | 897,640 | 0 | 0 | 0 | 0 | 0 | 0 | 897,640 |
| | Total | 897,640 | 350,000 | 350,000 | 0 | 5,700,000 | 0 | 10,000,000 | 17,297,640 |

| Related Projects | | Operating Budget Impact | | |
|------------------|-----------------|------------------------------------|--|--|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date |
| 2007 | January 1, 2007 | Growth: 0.0 % Maintenance: 100.0 % | Jane He | 2024 & Beyond |
| | | | Effective Date Description Unknown Most of these areas have many deficiencies and are in a state of disrepair. Currently, there aren't sufficient funds in the Operating budget to fix or maintain these areas. Repairs will be selective and most sidewalk repairs will be done with asphalt. | Exp/(Rev) FTE Impact 0 0 |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-----------------------------|
| Project # | ECP-015-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | McDougall Ave. Infrastructure Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 10 | | |
| Version Name | Main (Active) | | |

| Project Description | | | | Version Description | | | | | | | | | | | | | | | | | |
|--|---|----------------------------------|---------------------|---|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--|----------------|-------------|-----------|------------|---------|---|---|---|
| Improvements are required due to structural and substandard road deficiencies. | | | | 2024+: Construction - McDougall/Eugenie Intersection - \$700,000 | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | | |
| 7144007 | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | 0 0 0 0 0 0 700,000 700,000 | | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | Total 0 0 0 0 0 0 700,000 700,000 | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 115 Dev Chg - Roads & Related | | | | | | | | | | | | | | | | | |
| 2024+ | 700,000 | 700,000 | 0 | 0 0 0 0 0 0 700,000 700,000 | | | | | | | | | | | | | | | | | |
| | 700,000 | 700,000 | 0 | Total 0 0 0 0 0 0 700,000 700,000 | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | | | | | | | | |
| 2014 | 200,000 | 200,000 | 0 | | | | | | | | | | | | | | | | | | |
| 2015 | 1,275,000 | 1,275,000 | 0 | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | |
| | | | | <table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>Depending on the final design, there may be increased road maintenance costs.</td> <td>0</td> <td>0</td> </tr> </tbody> </table> | | | | | | | | | | Effective Date | Description | Exp/(Rev) | FTE Impact | Unknown | Depending on the final design, there may be increased road maintenance costs. | 0 | 0 |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | | | | | | | | | | | | | |
| Unknown | Depending on the final design, there may be increased road maintenance costs. | 0 | 0 | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | | | | | | | |
| 2007 | January 1, 2014 | Growth: 0.0 % Maintenance: 0.0 % | Mike Cappucci | 2024 & Beyond | | | | | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-----------------------------|
| Project # | ECP-016-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | The Riverside Drive Vista Improvement | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 2, Ward 3, Ward 4, Ward 5, Ward 6, Ward 7 | | |
| Version Name | Main (Active) | | |

| Project Description | | | | Version Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|------------------------------------|---------------------|--|------------------|------------------|-------------------|-------------------|---------------|---------------|-----------|------|---------|----------------|-------------|-----------|------------|-----------|--|------|-----------|-----------|---|------|-----------|-----------|---|------|-----------|-----------|---|------|-----------|-----------|---|-------|------------|------------|---|--|-------------------|-------------------|----------|--|--|--|--|--|--|--|--|--|--|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-----------------------|---|---|---------|---|---|---|---|---------|-----------------------------------|---------|---------|--------|---------|-----------|-----------|------------|------------|--------------|----------------|----------------|------------------|----------------|------------------|------------------|-------------------|-------------------|-----------------|--|--|--|--|--|--|--|--|---------------------|---------|---------|--------|---|---|---|---|---------|-------------------------------|---|---|---------|---|---|---|---|---------|-------------------------------------|---|---|---------|---------|-----------|-----------|------------|------------|--------------|----------------|----------------|------------------|----------------|------------------|------------------|-------------------|-------------------|
| The Environmental Study Report has been finalized and approved and contains recommendations on construction phasing for improvements to Riverside Dr. The limits of the study are from Rosedale to the east City limits. | | | | 2018-2021: Engineering and Land Acquisition, Phase 2, Lauzon to Ford - \$1,670,000 2022: Utility Relocation, Phase 2, Lauzon to Ford - \$1,000,000 2023: Construction, Phase 2, Lauzon to Ford - \$3,350,000 2024+: Construction, Phase 2, Lauzon to Ford - \$5,930,000 Phased Engineering and Construction - \$56,170,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7086001 | | | | <p>\$3.25M in project funds in 2016 have been pre-approved in principle as a Placeholder in the 2013 Approved Capital Budget. CR89/2014, Report #17088 formally approved this placeholder.</p> <p>Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan (\$250,000 in 2021 for Phase 2 Engineering). C190/2017 pre-committed, by year, the following amounts: 2018 - \$280,000, 2019 - \$100,000, 2020 - \$1,040,000, 2022 - \$1,000,000, 2023 - \$3,350,000, 2024 - \$3,715,000. CR695/2017 approved the pre-commitment of funds in 2018 (\$280k), 2019 (\$100k), 2020 (1.04m), 2022 (\$1m), 2023 (\$3.35m) and 2024 (\$3.715m).</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>280,000</td><td>280,000</td><td>0</td></tr> <tr><td>2019</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2020</td><td>1,040,000</td><td>1,040,000</td><td>0</td></tr> <tr><td>2021</td><td>250,000</td><td>250,000</td><td>0</td></tr> <tr><td>2022</td><td>1,000,000</td><td>1,000,000</td><td>0</td></tr> <tr><td>2023</td><td>3,350,000</td><td>3,350,000</td><td>0</td></tr> <tr><td>2024+</td><td>62,100,000</td><td>62,100,000</td><td>0</td></tr> <tr><td></td><td>68,120,000</td><td>68,120,000</td><td>0</td></tr> </tbody> </table> | | | | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2018 | 280,000 | 280,000 | 0 | 2019 | 100,000 | 100,000 | 0 | 2020 | 1,040,000 | 1,040,000 | 0 | 2021 | 250,000 | 250,000 | 0 | 2022 | 1,000,000 | 1,000,000 | 0 | 2023 | 3,350,000 | 3,350,000 | 0 | 2024+ | 62,100,000 | 62,100,000 | 0 | | 68,120,000 | 68,120,000 | 0 | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5210 Land Acquisition</td> <td>0</td> <td>0</td> <td>964,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>964,000</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td>280,000</td> <td>100,000</td> <td>76,000</td> <td>250,000</td> <td>1,000,000</td> <td>3,350,000</td> <td>62,100,000</td> <td>67,156,000</td> </tr> <tr> <td>Total</td> <td>280,000</td> <td>100,000</td> <td>1,040,000</td> <td>250,000</td> <td>1,000,000</td> <td>3,350,000</td> <td>62,100,000</td> <td>68,120,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>028 Sewer Surcharge</td> <td>280,000</td> <td>100,000</td> <td>76,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>456,000</td> </tr> <tr> <td>115 Dev Chg - Roads & Related</td> <td>0</td> <td>0</td> <td>300,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>300,000</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td>0</td> <td>0</td> <td>664,000</td> <td>250,000</td> <td>1,000,000</td> <td>3,350,000</td> <td>62,100,000</td> <td>67,364,000</td> </tr> <tr> <td>Total</td> <td>280,000</td> <td>100,000</td> <td>1,040,000</td> <td>250,000</td> <td>1,000,000</td> <td>3,350,000</td> <td>62,100,000</td> <td>68,120,000</td> </tr> </tbody> </table> | | | | | | | | | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5210 Land Acquisition | 0 | 0 | 964,000 | 0 | 0 | 0 | 0 | 964,000 | 5410 Construction Contracts - TCA | 280,000 | 100,000 | 76,000 | 250,000 | 1,000,000 | 3,350,000 | 62,100,000 | 67,156,000 | Total | 280,000 | 100,000 | 1,040,000 | 250,000 | 1,000,000 | 3,350,000 | 62,100,000 | 68,120,000 | Revenues | | | | | | | | | 028 Sewer Surcharge | 280,000 | 100,000 | 76,000 | 0 | 0 | 0 | 0 | 456,000 | 115 Dev Chg - Roads & Related | 0 | 0 | 300,000 | 0 | 0 | 0 | 0 | 300,000 | 169 Pay As You Go - Capital Reserve | 0 | 0 | 664,000 | 250,000 | 1,000,000 | 3,350,000 | 62,100,000 | 67,364,000 | Total | 280,000 | 100,000 | 1,040,000 | 250,000 | 1,000,000 | 3,350,000 | 62,100,000 | 68,120,000 |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 280,000 | 280,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 1,040,000 | 1,040,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 250,000 | 250,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 1,000,000 | 1,000,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 3,350,000 | 3,350,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 62,100,000 | 62,100,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 68,120,000 | 68,120,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5210 Land Acquisition | 0 | 0 | 964,000 | 0 | 0 | 0 | 0 | 964,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5410 Construction Contracts - TCA | 280,000 | 100,000 | 76,000 | 250,000 | 1,000,000 | 3,350,000 | 62,100,000 | 67,156,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 280,000 | 100,000 | 1,040,000 | 250,000 | 1,000,000 | 3,350,000 | 62,100,000 | 68,120,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 028 Sewer Surcharge | 280,000 | 100,000 | 76,000 | 0 | 0 | 0 | 0 | 456,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 115 Dev Chg - Roads & Related | 0 | 0 | 300,000 | 0 | 0 | 0 | 0 | 300,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | 0 | 0 | 664,000 | 250,000 | 1,000,000 | 3,350,000 | 62,100,000 | 67,364,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 280,000 | 100,000 | 1,040,000 | 250,000 | 1,000,000 | 3,350,000 | 62,100,000 | 68,120,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2008</td><td>150,000</td><td>150,000</td><td>0</td></tr> <tr><td>2009</td><td>1,000,000</td><td>1,000,000</td><td>0</td></tr> <tr><td>2011</td><td>500,000</td><td>500,000</td><td>0</td></tr> <tr><td>2016</td><td>3,250,000</td><td>3,250,000</td><td>0</td></tr> <tr><td>2017</td><td>680,000</td><td>680,000</td><td>0</td></tr> </tbody> </table> | | | | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2008 | 150,000 | 150,000 | 0 | 2009 | 1,000,000 | 1,000,000 | 0 | 2011 | 500,000 | 500,000 | 0 | 2016 | 3,250,000 | 3,250,000 | 0 | 2017 | 680,000 | 680,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2008 | 150,000 | 150,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2009 | 1,000,000 | 1,000,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2011 | 500,000 | 500,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2016 | 3,250,000 | 3,250,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2017 | 680,000 | 680,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | <table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>Depending on the final design, there may be additional road and sewer maintenance costs.</td> <td>0</td> <td>0</td> </tr> </tbody> </table> | | | | | | | | | | Effective Date | Description | Exp/(Rev) | FTE Impact | Unknown | Depending on the final design, there may be additional road and sewer maintenance costs. | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unknown | Depending on the final design, there may be additional road and sewer maintenance costs. | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2007 | January 1, 2009 | Growth: 100.0 % Maintenance: 0.0 % | Anna Godo | Ongoing | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-----------------------------|
| Project # | ECP-017-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | Local Improvements Program - Sanitary Sewer | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | |
|--|----------------------|------------------------------------|------------------|---|-------------|---|-------------|-----------------------------|-------------|-------------|--------------|--------------|--|--|--|------------------|--|-------------------|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | |
| In an effort to maximize use of the pollution control plants and eliminate septic tanks, this program will provide funds for the local sanitary sewer program and collector sanitary sewers throughout the City. | | | | A number of potential projects have been identified as a result of the "Study of Private Drain Connections in Partially Serviced Areas", as follows: - Betts - Tecumseh to Algonquin - Randolph - Algonquin to Totten - Roxborough - Tecumseh to Algonquin - St Patrick's - Tecumseh to Algonquin - Partington - Tecumseh to Totten - Mark - Campbell to Algonquin & Totten Southerly - Everts - Campbell to Algonquin & Totten Southerly Each of these sections of road is serviced with a storm sewer only (no sanitary sewer exists). Properties are serviced by septic systems. | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | |
| 7159000 | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | |
| | | <u>Revenue</u> | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | | | | | | |
| 2018 | 2,000,000 | 1,700,000 | 300,000 | Expenses | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | 2,000,000 0 0 2,000,000 1,150,000 0 4,000,000 9,150,000 | | | | | | | | | | | | | | | |
| 2021 | 2,000,000 | 1,850,000 | 150,000 | Total 2,000,000 0 0 2,000,000 1,150,000 0 4,000,000 9,150,000 | | | | | | | | | | | | | | | |
| 2022 | 1,150,000 | 1,000,000 | 150,000 | Revenues | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 028 Sewer Surcharge | | | | | | | | | | | | | | | |
| 2024+ | 4,000,000 | 3,400,000 | 600,000 | 1,700,000 0 0 1,850,000 1,000,000 0 3,400,000 7,950,000 | | | | | | | | | | | | | | | |
| | 9,150,000 | 7,950,000 | 1,200,000 | 6735 Recovery Of Expenses EXTERNAL | | | | | | | | | | | | | | | |
| | | | | 300,000 0 0 150,000 150,000 0 600,000 1,200,000 | | | | | | | | | | | | | | | |
| | | | | Total 2,000,000 0 0 2,000,000 1,150,000 0 4,000,000 9,150,000 | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | |
| | | <u>Revenue</u> | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | | | | | | |
| 2015 | 1,800,000 | 900,000 | 900,000 | | | | | | | | | | | | | | | | |
| 2016 | 1,560,000 | 1,325,000 | 235,000 | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | | | | | Exp/(Rev) | | FTE Impact | |
| | | | | Unknown | | Depending on the final design, there may be additional sewer maintenance costs. | | | | | | | | | | 0 | | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | | | | | |
| 2007 | January 1, 2015 | Growth: 100.0 % Maintenance: 0.0 % | | Mike Abaldo / Adam Mourad | | | | Ongoing | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-----------------------------|
| Project # | ECP-022-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | Prince Rd./Totten St. Storm Sewer Improvements - Engineering & Construction | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | Ward 10 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | | |
|---|----------------------|------------------------------------|------------------|---|---|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|--|--|--|--|--|------------------|-------------------|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | | |
| This project will relieve basement, street and property flooding in the Prince Road storm relief drainage area. | | | | Balance of storm relief sewers within the Prince Road drainage area are: 2018: Engineering - \$125,000 2020: Engineering - \$80,000 2022: Engineering - \$100,000 2024+: Tecumseh/Dorchester Separation - \$2,450,000 Totten Street from Betts to Mark - \$3,850,000 Felix/Marlborough Separation - \$2,250,000 | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | |
| 7086002 | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | |
| 2018 | 125,000 | 125,000 | 0 | Expenses | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 2915 | Consulting Services - External | | | | | | | | | | | | | | | |
| 2020 | 80,000 | 80,000 | 0 | | 125,000 | 0 | 80,000 | 0 | 0 | 0 | 0 | 205,000 | | | | | | | | |
| 2021 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | | | | |
| 2022 | 100,000 | 100,000 | 0 | | 0 | 0 | 0 | 0 | 100,000 | 0 | 8,550,000 | 8,650,000 | | | | | | | | |
| 2023 | 0 | 0 | 0 | Total | | | | | | | | | | | | | | | | |
| 2024+ | 8,550,000 | 8,550,000 | 0 | | 125,000 | 0 | 80,000 | 0 | 100,000 | 0 | 8,550,000 | 8,855,000 | | | | | | | | |
| | 8,855,000 | 8,855,000 | 0 | Revenues | | | | | | | | | | | | | | | | |
| | | | | 028 | Sewer Surcharge | | | | | | | | | | | | | | | |
| | | | | | 0 | 0 | 55,000 | 0 | 0 | 0 | 6,550,000 | 6,605,000 | | | | | | | | |
| | | | | 117 | Dev Chg - Storm & Drains | | | | | | | | | | | | | | | |
| | | | | | 125,000 | 0 | 25,000 | 0 | 0 | 0 | 0 | 150,000 | | | | | | | | |
| | | | | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | |
| | | | | | 0 | 0 | 0 | 0 | 100,000 | 0 | 2,000,000 | 2,100,000 | | | | | | | | |
| | | | | Total | | | | | | | | | | | | | | | | |
| | | | | | 125,000 | 0 | 80,000 | 0 | 100,000 | 0 | 8,550,000 | 8,855,000 | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | Effective Date | Description | | | | | | | | | | | | | Exp/(Rev) | FTE Impact | |
| 2007 | 670,000 | 670,000 | 0 | Unknown | Depending on the final design, there may be decreased road and sewer maintenance costs. | | | | | | | | | | | | | 0 | 0 | |
| 2008 | 325,000 | 325,000 | 0 | | | | | | | | | | | | | | | | | |
| 2009 | 2,000,000 | 2,000,000 | 0 | | | | | | | | | | | | | | | | | |
| 2010 | 4,620,000 | 4,620,000 | 0 | | | | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | | | | | | |
| 2007 | January 1, 2008 | Growth: 0.0 % Maintenance: 100.0 % | | Jane He | | | | 2024 & Beyond | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-----------------------------|
| Project # | ECP-023-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | Parent Ave./McDougall Ave. Storm Sewer Engineering & Construction | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | Ward 3, Ward 4 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|--|----------------------|------------------------------------|---------------------|---|---|-------------|-------------|-------------|-------------|-------------|-------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | |
| To relieve basement, street and property flooding in the Parent/McDougall storm relief area. Construction of sewers will increase capacity to handle major storms. | | | | 2018: Engineering - \$250,000 2022: Giles Storm Sewer - Langlois to Gladstone - \$2,950,000 2024+: McDougall Storm Relief Sewer - Phase I - Construction - \$9,620,000 McDougall Storm Relief Sewer - Phase II - Engineering and Construction (Giles to Southerly limit) - \$7,800,000 | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| 7182005 | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | |
| 2018 | 250,000 | 250,000 | 0 | 2915 | Consulting Services - External | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | 250,000 | 0 | 0 | 0 | 0 | 0 | 0 | 250,000 |
| 2020 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | 0 | 0 | 0 | 2,950,000 | 0 | 17,420,000 | 0 | 20,370,000 |
| 2022 | 2,950,000 | 2,950,000 | 0 | | Total | 250,000 | 0 | 0 | 2,950,000 | 0 | 17,420,000 | 0 | 20,620,000 |
| 2023 | 0 | 0 | 0 | Revenues | | | | | | | | | |
| 2024+ | 17,420,000 | 17,420,000 | 0 | 028 | Sewer Surcharge | | 0 | 0 | 2,950,000 | 0 | 17,420,000 | 0 | 20,620,000 |
| | 20,620,000 | 20,620,000 | 0 | | Total | 250,000 | 0 | 0 | 2,950,000 | 0 | 17,420,000 | 0 | 20,620,000 |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | Depending on the final design, there may be decreased road and sewer maintenance costs. | | | | | | | 0 | 0 |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | |
| 2007 | January 1, 2018 | Growth: 50.0 % Maintenance: 50.0 % | Anna Godo | 2024 & Beyond | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-----------------------------|
| Project # | ECP-028-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | Grand Marais Drain Capital Improvements (Existing Naturalized Channel) | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | Ward 5, Ward 10 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | | |
|---|----------------------|------------------------------------|------------------|---|---|-------------|-------------|-------------|-----------------------------|-------------|--------------|------------------|-------------------|--|--|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | | |
| Improvements are required from South Cameron Blvd. to approximately 280m upstream of E.C. Row Expressway to increase capacity. This will enable elimination of the temporary ponds. Provincial WECl funds will be leveraged in order to complete these works. Once the necessary work is completed, these six temporary stormwater management ponds could be decommissioned and redeveloped, subject to appropriate provision of municipal services. | | | | 2018: Phased Construction - \$470,000 2019: Phased Construction - \$2,100,000 2021: Phased Construction - \$732,000 2022: Phased Construction - \$500,000 2023: Phased Construction - \$1,200,000 | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | |
| 7082003 | | | | As per CR541/2017, National Disaster Mitigation Program funding of \$99,250 is being sought by Administration. | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | | | | | | | |
| 2018 | 470,000 | 470,000 | 0 | Expenses | | | | | | | | | | | | | | | | |
| 2019 | 2,100,000 | 2,100,000 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 470,000 | 2,100,000 | 0 | 732,000 | 500,000 | 1,200,000 | 0 | 5,002,000 | | | | | | | | |
| 2021 | 732,000 | 732,000 | 0 | | Total | 470,000 | 2,100,000 | 0 | 732,000 | 500,000 | 1,200,000 | 0 | 5,002,000 | | | | | | | |
| 2022 | 500,000 | 500,000 | 0 | Revenues | | | | | | | | | | | | | | | | |
| 2023 | 1,200,000 | 1,200,000 | 0 | 028 | Sewer Surcharge | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 470,000 | 2,000,000 | 0 | 632,000 | 500,000 | 1,200,000 | 0 | 4,802,000 | | | | | | | | |
| | 5,002,000 | 5,002,000 | 0 | 117 | Dev Chg - Storm & Drains | | | | | | | | | | | | | | | |
| | | | | | 0 | 100,000 | 0 | 100,000 | 0 | 0 | 0 | 200,000 | | | | | | | | |
| | | | | | Total | 470,000 | 2,100,000 | 0 | 732,000 | 500,000 | 1,200,000 | 0 | 5,002,000 | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | | | | | | | |
| 2007 | 140,000 | 140,000 | 0 | | | | | | | | | | | | | | | | | |
| 2008 | 735,000 | 735,000 | 0 | | | | | | | | | | | | | | | | | |
| 2009 | 1,330,000 | 1,330,000 | 0 | | | | | | | | | | | | | | | | | |
| 2014 | 2,000,000 | 2,000,000 | 0 | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | | | | | | | |
| | | | | Unknown | There may be incremental tax revenues generated upon completion of this project, if the stormwater management ponds are decommissioned and redeveloped. | | | | | | | 0 | 0 | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | | | | |
| 2007 | January 1, 2008 | Growth: 0.0 % Maintenance: 100.0 % | | Anna Godo / Mike Abaldo | | | | | 2024 & Beyond | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-----------------------------|
| Project # | ECP-030-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | Riverside Flood Abatement Initiatives - Capital Improvements to Existing Trunk Sewer | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | Ward 5, Ward 6, Ward 8 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|---------------------|---|---|------------------|-------------------|-------------|-------------|-------------|--------------|--------------|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| Construction of trunk sanitary sewer and localized improvements to the trunk sewer. This project is for the construction of an underground storage facility to intercept and attenuate combined sewer flows entering the Edgar St. sanitary trunk sewer. | | | | 2019/2020: Engineering - \$500,000 2024+: Construction - \$2,200,000 | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| 7081004 closed, 7151001 | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | |
| 2019 | 250,000 | 250,000 | 0 | | 0 | 250,000 | 250,000 | 0 | 0 | 0 | 2,200,000 | 2,700,000 | | | |
| 2020 | 250,000 | 250,000 | 0 | | Total | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | 0 | 250,000 | 250,000 | 0 | 0 | 0 | 2,200,000 | 2,700,000 | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 028 | Sewer Surcharge | | | | | | | | | | |
| 2024+ | 2,200,000 | 2,200,000 | 0 | | 0 | 250,000 | 250,000 | 0 | 0 | 0 | 2,200,000 | 2,700,000 | | | |
| | 2,700,000 | 2,700,000 | 0 | | Total | | | | | | | | | | |
| | | | | | 0 | 250,000 | 250,000 | 0 | 0 | 0 | 2,200,000 | 2,700,000 | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| | | Revenue | | Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | Unknown | Depending on the design, there may be additional sewer maintenance costs. | 0 | 0 | | | | | | | | |
| 2008 | 3,267,000 | 3,267,000 | 0 | | | | | | | | | | | | |
| 2015 | 3,956,000 | 3,956,000 | 0 | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | |
| 2007 | January 1, 2008 | Growth: 0.0 % Maintenance: 0.0 % | Anna Godo | 2024 & Beyond | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-----------------------------|
| Project # | ECP-034-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | Campbell Ave./University Ave. Storm Sewer Engineering & Construction | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | Ward 2 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|---|----------------------|------------------------------------|------------------|---|--------------------------------|--|-------------|-------------|-----------------------------|-------------|-------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | |
| Construction of the Campbell/University storm relief area to relieve basement, street and property flooding. Any sewer works on University Ave. will need to be coordinated with future roadway improvements. Note: Current priorities listed under Version Description may change, depending on the outcome of the Campbell / University stormwater master plan which is currently underway. | | | | Storm Relief Sewers required are: 2018: Engineering - \$125,000 2020: McKay/Curry/Adanac - \$3,670,000 2024+: Phase 3 - University Ave. - Bridge/Campbell, Wyandotte St. - Josephine/Cameron, Rooney - Bridge/McKay, College - Campbell/east of McKay - \$15,300,000 | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| 7062004 | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 125,000 | 125,000 | 0 | 2915 | Consulting Services - External | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | 125,000 | 0 | 0 | 0 | 0 | 0 | 0 | 125,000 |
| 2020 | 3,670,000 | 3,670,000 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | 0 | 0 | 3,670,000 | 0 | 0 | 0 | 15,300,000 | 18,970,000 |
| 2022 | 0 | 0 | 0 | Total | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | 125,000 | 0 | 3,670,000 | 0 | 0 | 0 | 15,300,000 | 19,095,000 |
| 2024+ | 15,300,000 | 15,300,000 | 0 | Revenues | | | | | | | | | |
| | 19,095,000 | 19,095,000 | 0 | 028 | Sewer Surcharge | | | | | | | | |
| | | | | | | 125,000 | 0 | 3,670,000 | 0 | 0 | 0 | 15,300,000 | 19,095,000 |
| | | | | Total | | | | | | | | | |
| | | | | | | 125,000 | 0 | 3,670,000 | 0 | 0 | 0 | 15,300,000 | 19,095,000 |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| | | Revenue | | Effective Date | | Description | | | | | | Exp/(Rev) | FTE Impact |
| Year | Total Expense | Net City Cost | Subsidies | Unknown | | Depending on the final design, there may be increased sewer maintenance costs. | | | | | | 0 | 0 |
| 2008 | 1,577,000 | 1,577,000 | 0 | | | | | | | | | | |
| 2009 | 565,000 | 565,000 | 0 | | | | | | | | | | |
| 2010 | 1,450,000 | 1,450,000 | 0 | | | | | | | | | | |
| 2011 | 1,720,000 | 1,720,000 | 0 | | | | | | | | | | |
| 2015 | 1,144,000 | 1,144,000 | 0 | | | | | | | | | | |
| 2017 | 2,000,000 | 2,000,000 | 0 | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | |
| 2007 | January 1, 2008 | Growth: 0.0 % Maintenance: 100.0 % | | Sergio Colucci | | | | | 2024 & Beyond | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-----------------------------|
| Project # | ECP-035-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | City Wide Sewer Rehabilitation Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

Project Description
 The existing system is deteriorating and is causing major maintenance problems. This funding allows for the replacement of collapsed or deteriorated sewers. Projects are identified based on television inspection and emergency call activity.

Project Comments/Reference
 See Document Attached.
 CLOSED:
 7082006-7082026/7092010-7092012/7103002-7103007/ 7111014-7111018
 7132000/7134002/7144002/7144003/7144005/7092008/ 7111017/7164003-7164005
 OPEN:
 7092009/ 7134000/7134001/7134004/7134005/7144000/7144001/7144004/
 7144006/7153000-7153005/7161062/7161063/7164001/7164006-7164008/
 7171003-7171009/7181001-7181004/7181006-7181009

| Project Forecast | | Revenue | |
|-------------------------|----------------------|----------------------|------------------|
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> |
| 2018 | 14,116,673 | 14,116,673 | 0 |
| 2019 | 16,410,000 | 16,410,000 | 0 |
| 2020 | 11,156,000 | 11,156,000 | 0 |
| 2021 | 12,000,000 | 12,000,000 | 0 |
| 2022 | 11,995,000 | 11,995,000 | 0 |
| 2023 | 12,343,000 | 12,343,000 | 0 |
| 2024+ | 25,000,000 | 25,000,000 | 0 |
| | 103,020,673 | 103,020,673 | 0 |

| Historical Approved Budget | | Revenue | |
|-----------------------------------|----------------------|----------------------|------------------|
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> |
| 2007 | 8,078,000 | 8,078,000 | 0 |
| 2008 | 9,069,000 | 9,069,000 | 0 |
| 2009 | 10,797,000 | 10,797,000 | 0 |
| 2010 | 11,611,000 | 11,611,000 | 0 |
| 2011 | 8,700,000 | 8,700,000 | 0 |
| 2012 | 7,250,000 | 7,250,000 | 0 |
| 2013 | 10,425,000 | 9,350,000 | 1,075,000 |
| 2014 | 15,055,000 | 15,055,000 | 0 |
| 2015 | 10,700,000 | 10,700,000 | 0 |
| 2016 | 12,500,000 | 12,500,000 | 0 |
| 2017 | 18,116,000 | 14,160,000 | 3,956,000 |

Version Description

Version Comments
 2018: Janisse - Wyandotte to Raymond = \$2,064,068 and Princess - Tecumseh to Adstoll = \$1,854,800 (Gross amounts). Funds for the City's contribution of \$796,673 (\$412k + \$385K) for these two projects will be available in 2018, per CR653/2016 and are eligible for Clean Water Wastewater Funding. Gross amounts and City's contribution amounts were further amended by CR427/2017 as tender results were less than budgeted.
 2018 F153 Funding of \$1,742,673 is identified as follows: \$742,673 in surplus funds from completion of project 7141004 - Erie - Wellington / Crawford Sewer Rehabilitation and \$1,000,000 in projected surplus funds from project 7144001 - Queen - Prince / South Sewer Rehabilitation.
 CR694/2017 approved a pre-commitment of funds (\$9.32m) for Buckingham, Francois, Gladstone and Matthew Brady.

| Project Detailed Forecast | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
|----------------------------------|------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| GL Account | | | | | | | | | |
| Expenses | | | | | | | | | |
| 5410 | Construction Contracts - TCA | 14,116,673 | 16,410,000 | 11,156,000 | 12,000,000 | 11,995,000 | 12,343,000 | 25,000,000 | 103,020,673 |
| | Total | 14,116,673 | 16,410,000 | 11,156,000 | 12,000,000 | 11,995,000 | 12,343,000 | 25,000,000 | 103,020,673 |
| Revenues | | | | | | | | | |
| 028 | Sewer Surcharge | 12,374,000 | 16,410,000 | 11,156,000 | 12,000,000 | 11,995,000 | 12,343,000 | 25,000,000 | 101,278,000 |
| 153 | Sewer Surcharge | 1,742,673 | 0 | 0 | 0 | 0 | 0 | 0 | 1,742,673 |
| | Total | 14,116,673 | 16,410,000 | 11,156,000 | 12,000,000 | 11,995,000 | 12,343,000 | 25,000,000 | 103,020,673 |

| Related Projects | | | Operating Budget Impact | | |
|------------------|-----------------|------------------------------------|-------------------------|--|----------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | |
| 2007 | January 1, 2007 | Growth: 0.0 % Maintenance: 100.0 % | Various | Ongoing | |
| | | | Effective Date | Description | Exp/(Rev) FTE Impact |
| | | | Unknown | Depending on the final design, there may be decreased sewer maintenance costs. | 0 0 |

**Project Attachments
For: 2018**

Project # ECP-035-07

Project Name: City Wide Sewer Rehabilitation Program

| Project# | STREET | FROM | TO | Sewer Type | Ward | 2018 | Allocation of 2018 Costs | | | |
|---|-----------------------|----------------|--------------|------------|------|----------------------|--------------------------|---------------------|------------------|-----------------------|
| | | | | | | | Construction | Engineering | Land Acquisition | |
| Construction | | | | | | | | | | |
| 7161063 | Princess Ave | Tecumseh | Adstol | combined | 8 | \$ 384,567 | \$ 353,802 | \$ 30,765 | - | - Changed from \$636k |
| 7144006 | Francois Rd | Seminole St | CN Tracks | over/under | 5 | \$ 2,000,000 | \$ 1,840,000 | \$ 160,000 | - | |
| 7164006 | Gladstone Ave | Riverside | Wyandotte | combined | 4 | \$ 2,220,000 | \$ 2,042,400 | \$ 177,600 | - | |
| 7164007 | Mathew Brady Blvd | St. Rose | Edgar | separated | 6 | \$ 2,100,000 | \$ 1,932,000 | \$ 168,000 | - | |
| 7161062 | Janisse Dr | Wyandotte St E | Raymond Ave | separated | 6 | \$ 412,106 | \$ 379,138 | \$ 32,968 | - | - Changed from \$459k |
| 7164008 | McKay/Curry | Rooney | Adanac | combined | 2 | \$ 3,300,000 | \$ 3,036,000 | \$ 264,000 | - | |
| 7181001 | Buckingham Dr | Rose | Iris | combined | 8 | \$ 3,000,000 | \$ 2,760,000 | \$ 240,000 | - | |
| Engineering ONLY - For 2020 Projects | | | | | | | | | | |
| 7181006 | Francois Rd. | Seminole St. | Alice St. | over/under | 5 | \$ 150,000 | | \$ 150,000 | - | |
| 7181007 | Belle Isle View Blvd. | St. Rose St. | Edgar Ave. | separated | 6 | \$ 190,000 | | \$ 190,000 | - | |
| 7181008 | Jos St. Louis Ave. | Tecemseh Rd. | Rose Ave. | combined | 8 | \$ 190,000 | | \$ 190,000 | - | |
| 7181009 | Cadillac Rd. | Alice St. | Tecemseh Rd. | over/under | 5 | \$ 170,000 | | \$ 170,000 | - | |
| Grand Total | | | | | | \$ 14,116,673 | \$ 12,343,339 | \$ 1,773,334 | \$ - | |

Revised July 21, 2017

**Project Attachments
For: 2018**

Project # ECP-035-07

Project Name: City Wide Sewer Rehabilitation Program

Recommended Sewer Rehabilitation Program (2019 - 2023) *

| STREET | FROM | TO | Sewer Type | Ward | 2019 | 2020 | 2021 | 2022 | 2023 | |
|---|----------------|------------------------|---------------|------|----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Construction | | | | | | | | | | |
| Sunset Ave | Wyandotte St W | cul-de-sac | combined | 2 | \$ 2,800 | | | | | |
| Memorial Dr | Vimy Ave | East of Marentette Ave | combined | 4 | \$ 1,600 | | | | | |
| Mathew Brady Blvd | Edgar | Tranby | separated | 6 | \$ 2,460 | | | | | |
| Olive Rd | Seminole St | Milloy St | separated | 8 | \$ 3,150 | | | | | |
| Ellrose Ave | Reginald St | CN Tracks | over/under | 5 | \$ 2,900 | | | | | |
| Aubin Rd | Guy St | Tecumseh Rd | over/under | 5 | \$ 1,300 | | | | | |
| Belle Isle View | Wyandotte St E | St. Rose | separated | 6 | \$ 1,500 | | | | | |
| Engineering ONLY - For 2021 Projects | | | | | \$ 700 | | | | | |
| Construction | | | | | | | | | | |
| Francois Rd | Seminole St | Alice St | over/under | 5 | | \$2,300 | | | | |
| Belle Isle View Blvd | St. Rose St | Edgar Ave | separated | 6 | | \$2,800 | | | | |
| Jos St. Louis Ave | Tecumseh Rd | Rose Ave | combined | 8 | | \$2,860 | | | | |
| Cadillac Rd | Alice St | Tecumseh Rd | over/under | 5 | | \$2,546 | | | | |
| Engineering ONLY - For 2022 Projects | | | | | | \$650 | | | | |
| Construction | | | | | | | | | | |
| Norman Rd | Tecumseh Rd E | Adstoll Ave | combined | 8 | | | \$1,500 | | | |
| Bernard Rd | Guy St | Tecumseh Rd E | over/under | 5 | | | \$1,450 | | | |
| Wellesley Ave | Terminal St | Ypres Blvd | combined | 4 | | | \$3,700 | | | |
| Eastlawn Blvd | Wyandotte St E | Edgar Ave | separated | 6 | | | \$2,620 | | | |
| Rankin Ave | Wyandotte St W | Union St | comb/separate | 2 | | | \$1,500 | | | |
| Improvements identified in the sewer masterplan | | | | | various | | | \$430 | | |
| Engineering ONLY - For 2023 Projects | | | | | | | | \$800 | | |
| Construction | | | | | | | | | | |
| Ypres Blvd | Marentette Ave | Forest Ave | combined | 4 | | | | \$1,800 | | |
| Aubin Rd | Seminole St | Alice St | over/under | 5 | | | | \$2,700 | | |
| Olive Rd | Milloy St | Tecumseh Rd | separated | 8 | | | | \$2,550 | | |
| Matthew Brady Blvd | Wyandotte St | St. Rose St | separated | 6 | | | | \$1,750 | | |
| St. Luke Rd | Seminole St | Alice St | over/under | 5 | | | | \$2,695 | | |
| Engineering ONLY - For 2024 Projects | | | | | | | | \$500 | | |
| List of various projects for 2024 construction not yet developed. | | | | | | | | | | |
| Construction | | | | | | | | | | |
| List of projects for 2023 construction being compiled | | | | | | | | | | |
| Engineering ONLY - For 2025 Projects | | | | | | | | | \$600 | |
| List of various projects for 2025 construction not yet developed. | | | | | | | | | | |
| Grand Total | | | | | | \$16,410 | \$11,156 | \$12,000 | \$11,995 | \$12,343 |

* Project list for 2019 - 2023 is preliminary only and must be coordinated with the Windsor Utilities Commission.



Project Version Summary

| | | | |
|-----------------------|---------------------------------------|---------------------|-----------------------------|
| Project # | ECP-036-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | Ojibway Sanitary Sewer Rehabilitation | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | Ward 1, Ward 2 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|---|--|-------------|-------------|-----------------------------|-------------|-------------|-------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | |
| These funds are required to rehabilitate the 99 year old deteriorated sanitary sewer on Ojibway Parkway between the former Windsor Raceway and the Lou Romano Water Reclamation Plant. This sewer serves many of the industries located within the Ojibway Industrial Park. | | | | 2023: Rehabilitation - \$3,000,000 This work would include identifying the newest technology to rehabilitate the sanitary sewer while ensuring that there would be minimal disturbance to the flow. It is critical to continually review the condition of this sewer due to its age and the volume of flow. This sewer provides service to the Weaver/Sprucewood industrial area. | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| 7032060 Closed/7141018 | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 3,000,000 | 0 | 3,000,000 |
| 2020 | 0 | 0 | 0 | Total | | 0 | 0 | 0 | 0 | 0 | 3,000,000 | 0 | 3,000,000 |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 028 Sewer Surcharge | | | | | | | | | |
| 2023 | 3,000,000 | 3,000,000 | 0 | | | 0 | 0 | 0 | 0 | 0 | 3,000,000 | 0 | 3,000,000 |
| 2024+ | 0 | 0 | 0 | Total | | 0 | 0 | 0 | 0 | 0 | 3,000,000 | 0 | 3,000,000 |
| | 3,000,000 | 3,000,000 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact |
| 2014 | 1,900,000 | 1,900,000 | 0 | Unknown | Depending on the final design, there may be decreased sewer maintenance costs. | | | | | | | 0 | 0 |
| Related Projects | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | |
| 2007 | January 1, 2022 | Growth: 0.0 % Maintenance: 0.0 % | | Tiffany Pocock | | | | 2023 | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-----------------------------|
| Project # | EDG-001-11 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | Lauzon Parkway & County Rd. 42 Infrastructure Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 9 | | |
| Version Name | Main (Active) | | |

| | | | |
|--|----------------------|----------------------|------------------|
| Project Description | | | |
| The Lauzon Parkway Environmental Assessment (EA) is now complete. The EA includes: Lauzon Pkwy - E.C. Row to Hwy. 3 County Rd. 42 - Walker Rd. to eastern City limits East/West Arterial - Walker Rd. to County Rd. 17 Note: Improvements to the Upper Little River Stormwater Facilities (ECP-001-10) are required with any improvements in this project. | | | |
| Project Comments/Reference | | | |
| 7109005 (closed) | | | |
| Project Forecast | | | |
| | | Revenue | |
| Year | Total Expense | Net City Cost | Subsidies |
| 2018 | 0 | 0 | 0 |
| 2019 | 0 | 0 | 0 |
| 2020 | 0 | 0 | 0 |
| 2021 | 2,000,000 | 2,000,000 | 0 |
| 2022 | 0 | 0 | 0 |
| 2023 | 1,000,000 | 1,000,000 | 0 |
| 2024+ | 285,750,000 | 285,750,000 | 0 |
| | 288,750,000 | 288,750,000 | 0 |
| Historical Approved Budget | | | |
| | | Revenue | |
| Year | Total Expense | Net City Cost | Subsidies |
| 2011 | 50,000 | 0 | 50,000 |
| 2012 | 50,000 | 0 | 50,000 |
| 2013 | 50,000 | 0 | 50,000 |

| | | | | | | | | | |
|---|-------------|-------------|-------------|------------------|-------------|------------------|-------------------|--------------------|--|
| Version Description | | | | | | | | | |
| 2021: Engineering – County Rd. 42, Lauzon to Ninth Concession - \$2,000,000 2023: Engineering – Lauzon Parkway/County Rd. 42 - \$1,000,000 2024+: Engineering & Land Acquisition – County Rd. 42, Lauzon to Ninth Concession - \$2,750,000 County Rd. 42 Phased Engineering and Construction - \$70,750,000 Lauzon Parkway Phased Engineering and Construction - \$169,500,000 East / West Arterial Phased Engineering and Construction - \$42,750,000 | | | | | | | | | |
| Version Comments | | | | | | | | | |
| Approval of the new hospital may require acceleration of these funds. | | | | | | | | | |
| Project Detailed Forecast | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | |
| Expenses | | | | | | | | | |
| 2915 Consulting Services - External | 0 | 0 | 0 | 2,000,000 | 0 | 1,000,000 | 2,750,000 | 5,750,000 | |
| 5210 Land Acquisition | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 5410 Construction Contracts - TCA | 0 | 0 | 0 | 0 | 0 | 0 | 283,000,00 | 283,000,000 | |
| | | | | | | | 0 | 0 | |
| Total | 0 | 0 | 0 | 2,000,000 | 0 | 1,000,000 | 285,750,00 | 288,750,000 | |
| | | | | | | | 0 | 0 | |
| Revenues | | | | | | | | | |
| 028 Sewer Surcharge | 0 | 0 | 0 | 500,000 | 0 | 0 | 0 | 500,000 | |
| 115 Dev Chg - Roads & Related | 0 | 0 | 0 | 50,000 | 0 | 1,000,000 | 0 | 1,050,000 | |
| 169 Pay As You Go - Capital Reserve | 0 | 0 | 0 | 1,450,000 | 0 | 0 | 285,750,00 | 287,200,000 | |
| | | | | | | | 0 | 0 | |
| Total | 0 | 0 | 0 | 2,000,000 | 0 | 1,000,000 | 285,750,00 | 288,750,000 | |
| | | | | | | | 0 | 0 | |

| Related Projects | | Operating Budget Impact | | | |
|------------------|-----------------------------------|----------------------------------|---|----------------------|------------|
| Precedes | Project Title | Effective Date | Description | Exp/(Rev) | FTE Impact |
| ECP-009-07 | Intersection Improvements Program | Unknown | Upon completion of this project, road maintenance costs due to patching and maintaining gravel shoulders will decrease. These savings, however, will be offset by other road maintenance and snow removal costs resulting from the increased surface area of Lauzon Parkway and County Rd. 42, as well as the addition of the East/West Arterial. Operating cost figures cannot be determined at this time as the project is still in its preliminary stages, however, it is assumed that costs will be lower immediately following completion of the project and will escalate as the road ages. | 0 | 0 |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | |
| 2011 | January 1, 2021 | Growth: 0.0 % Maintenance: 0.0 % | Anna Godo | 2024 & Beyond | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-----------------------------|
| Project # | EIT-001-11 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | Local Improvement Program - Street Lighting | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|---------------------|----------------------------------|---|-------------|-----------------------------|-------------|-------------|-------------|------------------|-------------------|---|---------|---|---------|---------|---------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | | |
| This program relates to streets that currently do not have street lights or are requesting upgrades to the existing streetlights. Costs for streetlights shall be assessed per CR982/82 and CR1607/89. | | | | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | |
| 7161015 | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | |
| | | <u>Revenue</u> | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | | | | |
| 2019 | 100,000 | 100,000 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 100,000 | 0 | 100,000 | 0 | 100,000 | 600,000 | 900,000 | | | | | | | | |
| 2021 | 100,000 | 100,000 | 0 | | Total | | | | | | | | 0 | 100,000 | 0 | 100,000 | 600,000 | 900,000 | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | | |
| 2023 | 100,000 | 100,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | |
| 2024+ | 600,000 | 600,000 | 0 | | 0 | 100,000 | 0 | 100,000 | 0 | 100,000 | 600,000 | 900,000 | | | | | | | | |
| | 900,000 | 900,000 | 0 | | Total | | | | | | | | 0 | 100,000 | 0 | 100,000 | 600,000 | 900,000 | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | |
| | | <u>Revenue</u> | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | | | | | | | |
| 2016 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | | |
| | | | | <u>Effective Date</u> | <u>Description</u> | | | | | | <u>Exp/(Rev)</u> | <u>FTE Impact</u> | | | | | | | | |
| | | | | Unknown | Depending on the final design, there may be increased streetlight energy and maintenance costs. | | | | | 0 | 0 | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | Est. Completion Date | | | | | | | | | | | | | |
| 2011 | January 1, 2016 | Growth: 0.0 % Maintenance: 0.0 % | Tiffany Pocock | | | | Ongoing | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-----------------------------|
| Project # | ENG-001-13 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | Capital Improvements to Little River Steel Retaining Walls | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | Ward 6, Ward 7 | | |
| Version Name | Main - Little River Steel Retaining Walls (Active) | | |

| | | | | | | | | | | | | | | | | | | | | | |
|--|----------------------|------------------------------------|---------------------|--|------------------------------|-------------|-----------------------------|-------------|-------------|-------------|--------------|------------------|-------------------|--|--|--|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | | | |
| Little River steel retaining walls and earth berms were constructed between Riverside Drive and the Via Tracks in the 1980s to provide flood protection to the immediate flood prone area. The dykes provide vital flood protection for over 2000 homes and the Little River Pollution Control Plant. Condition survey and structural evaluation of the 2.5km system of Little River Steel Retaining Walls was completed in 2012. Sections of the system are near the end of accelerated service life and require immediate rehabilitation. The balance of the system requires rehabilitation in order to extend service life beyond 10 years. | | | | 2018: Phase 2 - Wall rehabilitation and protective coating to extend service life - \$500,000 2020: Phased replacement of retaining wall - \$1,000,000 2023: Phased replacement of retaining wall - \$1,000,000 2024+: Phased replacement of retaining wall - \$19,260,000 The City has partnered with ERCA in order to obtain Provincial Water and Erosion Control Infrastructure (WECI) funds. | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | | |
| 7141019 | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | |
| 2018 | 500,000 | 500,000 | 0 | Expenses | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | | | | | |
| 2020 | 1,000,000 | 1,000,000 | 0 | | 500,000 | 0 | 1,000,000 | 0 | 0 | 1,000,000 | 19,260,000 | 21,760,000 | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | Total | 500,000 | 0 | 1,000,000 | 0 | 0 | 1,000,000 | 19,260,000 | 21,760,000 | | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | | | |
| 2023 | 1,000,000 | 1,000,000 | 0 | 028 | Sewer Surcharge | | | | | | | | | | | | | | | | |
| 2024+ | 19,260,000 | 19,260,000 | 0 | | 500,000 | 0 | 1,000,000 | 0 | 0 | 1,000,000 | 19,260,000 | 21,760,000 | | | | | | | | | |
| | 21,760,000 | 21,760,000 | 0 | | Total | 500,000 | 0 | 1,000,000 | 0 | 0 | 1,000,000 | 19,260,000 | 21,760,000 | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | |
| 2014 | 1,000,000 | 500,000 | 500,000 | | | | | | | | | | | | | | | | | | |
| 2016 | 500,000 | 500,000 | 0 | | | | | | | | | | | | | | | | | | |
| 2017 | 1,000,000 | 1,000,000 | 0 | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | | | | | | | | |
| | | | | Unknown | No Operating Budget Impact | | | | | | | 0 | 0 | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | Est. Completion Date | | | | | | | | | | | | | | |
| 2013 | January 1, 2014 | Growth: 0.0 % Maintenance: 100.0 % | Sergio Colucci | | | | 2024 & Beyond | | | | | | | | | | | | | | |



Project Version Summary

Project # ENG-001-16 **Service Area** Office of the City Engineer
Budget Year 2018 **Department** Engineering
Asset Type Unassigned **Division** Infrastructure & Geomatics

Title Sixth Concession Rd./North Talbot Rd. Infrastructure Improvements
Budget Status Council Approved Budget
Major Category Roads
Wards Ward 1, Ward 9
Version Name Main (Active)

| | | | | | | | | | | | |
|--|----------------------|---|--|---|------------------|-----------------------------|-------------|-------------|-------------|--------------|--------------|
| Project Description | | | Version Description | | | | | | | | |
| The Sixth Concession/North Talbot EA is nearing completion and includes recommendations on construction phasing for both Sixth Concession and North Talbot Roads. The cost estimates do not include land acquisition, utilities, or works associated with CN Rail. | | | 2021: Land Acquisition, Phase 1A - \$300,000 Engineering, 6th Concession - \$300,000 2024+: Phased Engineering, Land Acquisition, Utility Relocation and Construction - \$21,800,000 | | | | | | | | |
| Project Comments/Reference | | | Version Comments | | | | | | | | |
| 7171063 | | | Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan (\$300,000 in 2021). | | | | | | | | |
| Project Forecast | | | Project Detailed Forecast | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Revenue</u> <u>Net City Cost</u> <u>Subsidies</u> | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> |
| 2018 | 0 | 0 0 | 5210 Land Acquisition | 0 | 0 | 0 | 300,000 | 0 | 0 | 0 | 300,000 |
| 2019 | 0 | 0 0 | 5410 Construction Contracts - TCA | 0 | 0 | 0 | 300,000 | 0 | 0 | 21,800,000 | 22,100,000 |
| 2020 | 0 | 0 0 | Total | 0 | 0 | 0 | 600,000 | 0 | 0 | 21,800,000 | 22,400,000 |
| 2021 | 600,000 | 600,000 0 | Revenues | | | | | | | | |
| 2022 | 0 | 0 0 | 115 Dev Chg - Roads & Related | 0 | 0 | 0 | 300,000 | 0 | 0 | 0 | 300,000 |
| 2023 | 0 | 0 0 | 169 Pay As You Go - Capital Reserve | 0 | 0 | 0 | 300,000 | 0 | 0 | 21,800,000 | 22,100,000 |
| 2024+ | 21,800,000 | 21,800,000 0 | Total | 0 | 0 | 0 | 600,000 | 0 | 0 | 21,800,000 | 22,400,000 |
| | 22,400,000 | 22,400,000 0 | | | | | | | | | |
| Historical Approved Budget | | | Operating Budget Impact | | | | | | | | |
| | | | Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | |
| | | | Unknown | Depending on the final design, there may be increased road and sewer maintenance costs. | 0 | 0 | | | | | |
| Related Projects | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | Est. Completion Date | | | | | |
| 2016 | January 1, 2021 | Growth: 0.0 % Maintenance: 0.0 % | June Liu-Vajko | | | 2024 & Beyond | | | | | |



Project Version Summary

| | | | |
|-----------------------|---------------------------------------|---------------------|-----------------------------|
| Project # | ENG-002-12 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | Local Improvement Program - Sidewalks | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|---------------------|---|---|-------------|-----------------------------|-------------|-------------|-------------|--------------|------------------|-------------------|--------|---|--------|--------|---|---------|---------|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | | |
| This program relates to roads which do not currently have sidewalks. This funding is to be used to finance the construction of sidewalks, of which a portion will be recovered through the Local Improvement process. | | | | 2019 Proposed Works: Electricity Drive | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | | | | |
| 2019 | 50,000 | 50,000 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 50,000 | 0 | 50,000 | 50,000 | 0 | 200,000 | 350,000 | | | | | | | | |
| 2021 | 50,000 | 50,000 | 0 | | Total | | | | | | | | 0 | 50,000 | 0 | 50,000 | 50,000 | 0 | 200,000 | 350,000 |
| 2022 | 50,000 | 50,000 | 0 | Revenues | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | |
| 2024+ | 200,000 | 200,000 | 0 | | 0 | 50,000 | 0 | 50,000 | 50,000 | 0 | 200,000 | 350,000 | | | | | | | | |
| | 350,000 | 350,000 | 0 | | Total | | | | | | | | 0 | 50,000 | 0 | 50,000 | 50,000 | 0 | 200,000 | 350,000 |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | | |
| Related Projects | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | | | | | | | |
| | | | | Unknown | Depending on the final design, there may be increased sidewalk maintenance costs. | | | | | | 0 | 0 | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | Est. Completion Date | | | | | | | | | | | | | |
| 2012 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | Wes Hicks | | | | 2024 & Beyond | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-----------------------------|
| Project # | ENG-002-16 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | Capital Improvements to Little River Municipal Drain (Lauzon Rd. to VIA Tracks) | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | Ward 6, Ward 7, Ward 8 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|---------------------|--|----------------------------|-------------|-------------|-------------|-------------|-------------|------------------|-------------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| The Little River municipal drain provides conveyance of storm water for 33% of the City surface area. The section from Lauzon Road to the VIA Rail right-of-way was improved to the current cross-section in 1975. A report exploring options for this section using natural channel design techniques to create a sustainable river corridor was completed in 2012. Proposed design features and plantings would create a more sustainable river corridor and control sediment with off-line pool. | | | | 2020: Municipal Class Environmental Assessment, Schedule B - \$100,000 2024+: Design & Construction - \$265,000 Construction - \$500,000 The City of Windsor will partner with the Essex Regional Conservation Authority (ERCA) in order to make an application for Provincial Water and Erosion Control Infrastructure (WECI) funds. | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | 0 | 0 | 100,000 | 0 | 0 | 0 | 765,000 | 865,000 | | |
| 2019 | 0 | 0 | 0 | Total | | 0 | 0 | 100,000 | 0 | 0 | 0 | 765,000 | 865,000 | | |
| 2020 | 100,000 | 100,000 | 0 | Revenues | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | 028 Sewer Surcharge | | 0 | 0 | 50,000 | 0 | 0 | 0 | 765,000 | 815,000 | | |
| 2022 | 0 | 0 | 0 | 115 Dev Chg - Roads & Related | | 0 | 0 | 50,000 | 0 | 0 | 0 | 0 | 50,000 | | |
| 2023 | 0 | 0 | 0 | Total | | 0 | 0 | 100,000 | 0 | 0 | 0 | 765,000 | 865,000 | | |
| 2024+ | 765,000 | 765,000 | 0 | | | | | | | | | | | | |
| | 865,000 | 865,000 | 0 | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| Related Projects | | | | Effective Date | Description | | | | | | Exp/(Rev) | FTE Impact | | | |
| | | | | Unknown | No Operating Budget Impact | | | | | | 0 | 0 | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | |
| 2016 | January 1, 2020 | Growth: 0.0 % Maintenance: 0.0 % | Sergio Colucci | 2024 & Beyond | | | | | | | | | | | |



Project Version Summary

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|-----------------------|-------------------------|---------------------|-----------------------------|
| Project # | ENG-002-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | Bus Bay Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|---------------------|---|--|-------------|-------------|-------------|-------------|-------------|------------------|-------------------|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | |
| These funds are used to cost-share in the construction of school bus bays as per a formula approved through CR383/2009. Bus bay needs are prioritized by a committee of the four school boards as well as Transportation Services. | | | | There are currently no funds in this program. The school boards have prioritized the following schools: - George P. Vanier - Forest Glade PLC | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 100,000 | 100,000 | 400,000 | 600,000 | | | | | |
| 2021 | 0 | 0 | 0 | Total | 0 | 0 | 0 | 0 | 100,000 | 100,000 | 400,000 | 600,000 | | | | | |
| 2022 | 100,000 | 100,000 | 0 | Revenues | | | | | | | | | | | | | |
| 2023 | 100,000 | 100,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | |
| 2024+ | 400,000 | 400,000 | 0 | | 0 | 0 | 0 | 0 | 100,000 | 100,000 | 400,000 | 600,000 | | | | | |
| | 600,000 | 600,000 | 0 | Total | 0 | 0 | 0 | 0 | 100,000 | 100,000 | 400,000 | 600,000 | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | |
| Related Projects | | | | Effective Date | Description | | | | | | Exp/(Rev) | FTE Impact | | | | | |
| | | | | Unknown | Depending on the final design, there may be increase road maintenance costs. | | | | | 0 | 0 | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | | | |
| 2017 | January 1, 2022 | Growth: 0.0 % Maintenance: 0.0 % | Wes Hicks | Ongoing | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-----------------------------|
| Project # | ENG-003-13 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | Sixth Concession Municipal Drain - Land Acquisition & Capital Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | Ward 9 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | | |
|---|----------------------|------------------------------------|------------------|---|-------------|--|-------------|-----------------------------|-------------|-------------|--------------|--------------|--|--|--|------------------|--|-------------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | | |
| Sixth Concession Drain provides the storm water outlet to over 900 hectares of land within the City of Windsor via approx. 4.5 km of open channel plus 1.4 km of piped drain/sewer. Condition of Baseline Road and the municipal drain along it have deteriorated and require emergency repairs and remediation in order to maintain service. | | | | 2018: Priority 2 - Along Baseline Rd, from 9th Concession to outlet at Little River - \$150,000 2019: Priority 2 (cont'd) - \$200,000 2020: Priority 3 - Along rear yards, east of 8th Concession - \$500,000 2021: Priority 4 - Along Baseline Rd, from east of 8th Concession to 9th Concession - \$200,000 2022: Priority 4 (cont'd) and Priority 5 - Along rear yards, between 7th Concession and 8th Concession - \$535,000 2023: Priority 5 (cont'd) - \$485,000 | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | |
| 7131002 | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | |
| 2018 | 150,000 | 150,000 | 0 | Expenses | | | | | | | | | | | | | | | | |
| 2019 | 200,000 | 200,000 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | | |
| 2020 | 500,000 | 500,000 | 0 | 150,000 200,000 500,000 200,000 535,000 485,000 0 2,070,000 | | | | | | | | | | | | | | | | |
| 2021 | 200,000 | 200,000 | 0 | Total 150,000 200,000 500,000 200,000 535,000 485,000 0 2,070,000 | | | | | | | | | | | | | | | | |
| 2022 | 535,000 | 535,000 | 0 | Revenues | | | | | | | | | | | | | | | | |
| 2023 | 485,000 | 485,000 | 0 | 028 Sewer Surcharge | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | 150,000 200,000 500,000 200,000 535,000 485,000 0 2,070,000 | | | | | | | | | | | | | | | | |
| | 2,070,000 | 2,070,000 | 0 | Total 150,000 200,000 500,000 200,000 535,000 485,000 0 2,070,000 | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | |
| 2013 | 375,000 | 375,000 | 0 | | | | | | | | | | | | | | | | | |
| 2015 | 400,000 | 400,000 | 0 | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | | | | | Exp/(Rev) | | FTE Impact | | |
| | | | | Unknown | | Depending on the final design, there may be decreased drain maintenance costs. | | | | | | | | | | 0 | | 0 | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | | | | | | |
| 2013 | January 1, 2013 | Growth: 0.0 % Maintenance: 100.0 % | | Anna Godo | | | | 2024 & Beyond | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-----------------------------|
| Project # | ENG-003-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | | Division | Infrastructure & Geomatics |
| Title | New Streetlights on Collectors and Arterials | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| Project Description | | This program relates to collector and arterial roads which do not currently meet City policies related to the provision of street lights. | | Version Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---------------------|--|---------|----------------|-------------|-----------|---------------|---------------|---|------|-------|-------|-----------------|------|---|---|---|------|---|---|---|-----------------------------------|---|---|---|------|---------|---------|---------|---------|---------|---------|---|-------|---------|---------|---------|---------|----------------|-----------------|----------|----------------------------------|--|--|--|--|--|--|-------------------------------------|--|--|--|--|---------|---------|---------|---------|-------|---|---|---|---|---------|---------|---------|---------|--|--|
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2019</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2020</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2021</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2022</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2023</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2024+</td><td>300,000</td><td>300,000</td><td>0</td></tr> <tr><td></td><td>500,000</td><td>500,000</td><td>0</td></tr> </tbody> </table> | | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2018 | 0 | 0 | 0 | 2019 | 0 | 0 | 0 | 2020 | 0 | 0 | 0 | 2021 | 0 | 0 | 0 | 2022 | 100,000 | 100,000 | 0 | 2023 | 100,000 | 100,000 | 0 | 2024+ | 300,000 | 300,000 | 0 | | 500,000 | 500,000 | 0 | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 300,000 | 300,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 500,000 | 500,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td></td> <td></td> <td></td> <td></td> <td>100,000</td> <td>100,000</td> <td>300,000</td> <td>500,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>100,000</td> <td>100,000</td> <td>300,000</td> <td>500,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td></td> <td></td> <td></td> <td></td> <td>100,000</td> <td>100,000</td> <td>300,000</td> <td>500,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>100,000</td> <td>100,000</td> <td>300,000</td> <td>500,000</td> </tr> </tbody> </table> | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5410 Construction Contracts - TCA | | | | | 100,000 | 100,000 | 300,000 | 500,000 | Total | 0 | 0 | 0 | 0 | 100,000 | 100,000 | 300,000 | 500,000 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | | | | | 100,000 | 100,000 | 300,000 | 500,000 | Total | 0 | 0 | 0 | 0 | 100,000 | 100,000 | 300,000 | 500,000 | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5410 Construction Contracts - TCA | | | | | 100,000 | 100,000 | 300,000 | 500,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 0 | 100,000 | 100,000 | 300,000 | 500,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | | | | | 100,000 | 100,000 | 300,000 | 500,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 0 | 100,000 | 100,000 | 300,000 | 500,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | <table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>Depending on the final design, there may be increased streetlight energy and maintenance costs.</td> <td>0</td> <td>0</td> </tr> </tbody> </table> | | Effective Date | Description | Exp/(Rev) | FTE Impact | Unknown | Depending on the final design, there may be increased streetlight energy and maintenance costs. | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unknown | Depending on the final design, there may be increased streetlight energy and maintenance costs. | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2017 | January 1, 2022 | Growth: 0.0 % Maintenance: 0.0 % | Tiffany Pocock | 2024 & Beyond | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-----------------------------|
| Project # | ENG-005-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | | Division | Infrastructure & Geomatics |
| Title | Central Box EA Road and Infrastructure Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 9, Ward 10 | | |
| Version Name | Main (Active) | | |

| Project Description | | | Version Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|----------------------------------|---|------|---------|-----------------------------|------------|---------------|---------------|----------------|-------------|-----------|------------|---------|--|---------|---------|---|------|---------|---------|---|------|---|---|---|------|---------|---------|---|------|-----------|-----------|---|-------|------------|------------|---|--|-------------------|-------------------|----------|---|--|--|--|--|--|--|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|------|--------------------------------|--|--|--|--|--|--|--|--|---|---------|---|---|---|---|---|---------|------|------------------|--|--|--|--|--|--|--|--|---|---|---------|---|---|---|---|---------|------|------------------------------|--|--|--|--|--|--|--|--|---|---|---|---|---------|-----------|------------|------------|-------|---|---------|---------|---|---------|-----------|------------|------------|-----------------|--|--|--|--|--|--|--|--|-----|---------------------------|--|--|--|--|--|--|--|--|---|--------|---|---|---|---|---|--------|-----|---------------------------------|--|--|--|--|--|--|--|--|---|---------|---------|---|---------|-----------|------------|------------|-------|---|---------|---------|---|---------|-----------|------------|------------|
| The Central Box EA proposes road and infrastructure improvements to an area bounded by Eugenie St. to the north, Howard Ave. to the east, West Grand / South Cameron to the south, and Dominion Blvd. to the west. | | | 2018: Balance of funds required for Dougall Ave. Pedestrian Underpass - \$4,662,000 2019: Engineering, Design for the north portions of the Dougall / Ouellette corridors - \$220,000 2020: Land Acquisition and Utility Relocation - Dougall Ave, Eugenie to Ouellette Pl. - \$500,000 2022: Construction - Dougall Ave, Eugenie to Ouellette Pl. - \$700,000 2024+: Phased Engineering, Utility Relocation and Construction - \$64,500,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | Version Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CR655/2016 requested that the Dominion Boulevard implementation be referred to the 2017 capital budget deliberations. As part of the Central Box EA, works related to both the Dougall Avenue-Ouellette Place intersection, along with a new East-West Connection, be made a priority. The work related to the Dougall Avenue-Ouellette Place intersection have been identified as part of the 2018, 6-year Capital Plan. Other works identified in the EA were not prioritized and remain in the 2024+ timeframe at this time. | | | CR628/2016 approved an allocation of \$2,479,000 to the Dougall/CN portion of the Central Box area. Note that an application has been made for Ontario Municipal Commuter Cycling grant funding, specifically for the Dougall Ave. Pedestrian Underpass. If the application is successful, the City may receive as much as \$5.377 million. Additionally, the City has applied for Municipal Greenhouse Gas Challenge funding. If successful, the City may receive as much as \$4.5 million. CR 666/2017, C152/2017 pre-committed \$2,554,971 in 2023. \$1,945,029 is allocated from uncommitted 2017 funding in project 7161061. Note that there are timing differences between when funds are required and when funds are available, which will result in the project being charged for financing charges. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2019</td><td>220,000</td><td>220,000</td><td>0</td></tr> <tr><td>2020</td><td>500,000</td><td>500,000</td><td>0</td></tr> <tr><td>2021</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2022</td><td>700,000</td><td>700,000</td><td>0</td></tr> <tr><td>2023</td><td>4,662,000</td><td>4,662,000</td><td>0</td></tr> <tr><td>2024+</td><td>64,500,000</td><td>64,500,000</td><td>0</td></tr> <tr><td></td><td>70,582,000</td><td>70,582,000</td><td>0</td></tr> </tbody> </table> | | | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2018 | 0 | 0 | 0 | 2019 | 220,000 | 220,000 | 0 | 2020 | 500,000 | 500,000 | 0 | 2021 | 0 | 0 | 0 | 2022 | 700,000 | 700,000 | 0 | 2023 | 4,662,000 | 4,662,000 | 0 | 2024+ | 64,500,000 | 64,500,000 | 0 | | 70,582,000 | 70,582,000 | 0 | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr><td colspan="9">Expenses</td></tr> <tr><td>2915</td><td colspan="8">Consulting Services - External</td></tr> <tr><td></td><td>0</td><td>220,000</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>220,000</td></tr> <tr><td>5210</td><td colspan="8">Land Acquisition</td></tr> <tr><td></td><td>0</td><td>0</td><td>500,000</td><td>0</td><td>0</td><td>0</td><td>0</td><td>500,000</td></tr> <tr><td>5410</td><td colspan="8">Construction Contracts - TCA</td></tr> <tr><td></td><td>0</td><td>0</td><td>0</td><td>0</td><td>700,000</td><td>4,662,000</td><td>64,500,000</td><td>69,862,000</td></tr> <tr><td>Total</td><td>0</td><td>220,000</td><td>500,000</td><td>0</td><td>700,000</td><td>4,662,000</td><td>64,500,000</td><td>70,582,000</td></tr> <tr><td colspan="9">Revenues</td></tr> <tr><td>115</td><td colspan="8">Dev Chg - Roads & Related</td></tr> <tr><td></td><td>0</td><td>90,000</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>90,000</td></tr> <tr><td>169</td><td colspan="8">Pay As You Go - Capital Reserve</td></tr> <tr><td></td><td>0</td><td>130,000</td><td>500,000</td><td>0</td><td>700,000</td><td>4,662,000</td><td>64,500,000</td><td>70,492,000</td></tr> <tr><td>Total</td><td>0</td><td>220,000</td><td>500,000</td><td>0</td><td>700,000</td><td>4,662,000</td><td>64,500,000</td><td>70,582,000</td></tr> </tbody> </table> | | | | | | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 2915 | Consulting Services - External | | | | | | | | | 0 | 220,000 | 0 | 0 | 0 | 0 | 0 | 220,000 | 5210 | Land Acquisition | | | | | | | | | 0 | 0 | 500,000 | 0 | 0 | 0 | 0 | 500,000 | 5410 | Construction Contracts - TCA | | | | | | | | | 0 | 0 | 0 | 0 | 700,000 | 4,662,000 | 64,500,000 | 69,862,000 | Total | 0 | 220,000 | 500,000 | 0 | 700,000 | 4,662,000 | 64,500,000 | 70,582,000 | Revenues | | | | | | | | | 115 | Dev Chg - Roads & Related | | | | | | | | | 0 | 90,000 | 0 | 0 | 0 | 0 | 0 | 90,000 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | 0 | 130,000 | 500,000 | 0 | 700,000 | 4,662,000 | 64,500,000 | 70,492,000 | Total | 0 | 220,000 | 500,000 | 0 | 700,000 | 4,662,000 | 64,500,000 | 70,582,000 |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 220,000 | 220,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 500,000 | 500,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 700,000 | 700,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 4,662,000 | 4,662,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 64,500,000 | 64,500,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 70,582,000 | 70,582,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2915 | Consulting Services - External | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 220,000 | 0 | 0 | 0 | 0 | 0 | 220,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5210 | Land Acquisition | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 500,000 | 0 | 0 | 0 | 0 | 500,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5410 | Construction Contracts - TCA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 0 | 0 | 700,000 | 4,662,000 | 64,500,000 | 69,862,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 220,000 | 500,000 | 0 | 700,000 | 4,662,000 | 64,500,000 | 70,582,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 115 | Dev Chg - Roads & Related | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 90,000 | 0 | 0 | 0 | 0 | 0 | 90,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 130,000 | 500,000 | 0 | 700,000 | 4,662,000 | 64,500,000 | 70,492,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 220,000 | 500,000 | 0 | 700,000 | 4,662,000 | 64,500,000 | 70,582,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | Operating Budget Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | <table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>Depending on the final design, there may be increased road and bicycle facility maintenance costs.</td> <td>0</td> <td>0</td> </tr> </tbody> </table> | | | | | | | Effective Date | Description | Exp/(Rev) | FTE Impact | Unknown | Depending on the final design, there may be increased road and bicycle facility maintenance costs. | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unknown | Depending on the final design, there may be increased road and bicycle facility maintenance costs. | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | Est. Completion Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2017 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | Sergio Colucci | | | 2024 & Beyond | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-----------------------------|
| Project # | ENG-009-16 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | North Talbot Rd. Environmental Assessment/Southwood Lakes Entrance Reconstruction | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 1 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|--|-------------|---|-------------|-----------------------------|-------------|-------------|--------------|--------------|--|--|--|------------------|-------------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | |
| In accordance with B68-2015, Council approved the "Proposed 2016 Enhanced Capital Budget" in the form of placeholder allocations in the budget with reports to BE PREPARED for Council's consideration. | | | | 2020: North Talbot Environmental Assessment and Engineering - \$200,000 Southwood Lakes East Entrance (Lake Trail Drive just off of Howard Ave.) Reconstruction - \$400,000 Land acquisition requirements to be determined once design is complete. | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | |
| 7161049 | | | | CR562/2016 - Report C141/2016 pre-committed \$600,000 from the 2016 Enhanced Capital Budget. Funding available 2020. | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | |
| 2020 | 600,000 | 600,000 | 0 | 0 0 600,000 0 0 0 0 600,000 | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | Total 0 0 600,000 0 0 0 0 600,000 | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | 0 0 600,000 0 0 0 0 600,000 | | | | | | | | | | | | | | | |
| | 600,000 | 600,000 | 0 | Total 0 0 600,000 0 0 0 0 600,000 | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | |
| Related Projects | | | | Effective Date | | Description | | | | | | | | | | Exp/(Rev) | FTE Impact | | |
| | | | | Unknown | | Depending on the final design, there may be decreased road maintenance costs. | | | | | | | | | | 0 | 0 | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | | | | | |
| 2016 | January 1, 2016 | Growth: 0.0 % Maintenance: 0.0 % | | Wes Hicks / Phong Nguy | | | | 2020 | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-----------------------------|
| Project # | ENG-015-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | | Division | Infrastructure & Geomatics |
| Title | Sewer Rehabilitation - Mount Carmel - Cabana to Lennon Drain | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | Ward 1 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|--|----------------------|------------------------------------|------------------|---|--|-------------|-------------|-------------|-----------------------------|-------------|------------------|-------------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| Engineering (design, contract administration and inspection) and construction for storm sewer and replacement of watermain on Mount Carmel Drive from Cabana Rd W to the Lennon Drain. Sewer will provide improved stormwater outlet and hydraulic grade lines (HGL), within most of the drainage area, will be reduced. In all areas the HGL will not exceed ERCA flood line elevation. | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7161064 | | | | This project was put forward as part of the City's Clean Water Waste Water Fund application. Recently, a request was made to the Province to reallocate funding earmarked from other Clean Water Waste Water Fund projects to this project. CR427/2017 commits surpluses in sewer surcharge-funded projects to fund any shortfalls in grant funding that may materialize if the reallocation request is not approved, to cover the \$3.4 million needed to complete this work. | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | |
| 2018 | 783,000 | 773,791 | 9,209 | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | |
| | 783,000 | 773,791 | 9,209 | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | |
| 2017 | 1,800,000 | 0 | 1,800,000 | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | Exp/(Rev) | FTE Impact | | |
| | | | | Unknown | Depending on the final design, there may be decreased sewer maintenance costs. | | | | | | 0 | 0 | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | |
| 2017 | January 1, 2017 | Growth: 0.0 % Maintenance: 100.0 % | | Jane He | | | | | 2018 | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-----------------------------|
| Project # | ENG-016-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | | Division | Infrastructure & Geomatics |
| Title | Campbell/University Area Storm Drainage - Environmental Assessment/Master Plan | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | Ward 2 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|--|----------------------|------------------------------------|---------------------|--|----------------------------|-----------------------------|-------------|-------------|-------------|-------------|------------------|-------------------|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| To prepare an Environmental Assessment and master plan for the drainage area. The drainage area is a long standing residential area that is currently serviced by combined sewers from a 660 mm dia. brick outlet to 300 mm dia. vitrified clay sewers. The newer development areas (located to the south) within the drainage area have been separated with both storm and sanitary sewers. | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| 7161065 | | | | This project was put forward as part of the City's Clean Water Waste Water Fund application. Report C190/2016 pre-commits \$100,000 in 2018 F028 funding to this project. | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 100,000 | 100,000 | 0 | 2915 Consulting Services - External | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 100,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100,000 | | | |
| 2020 | 0 | 0 | 0 | Total | 100,000 | 0 | 0 | 0 | 0 | 0 | 0 | 100,000 | | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 028 Sewer Surcharge | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 100,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100,000 | | | |
| 2024+ | 0 | 0 | 0 | Total | 100,000 | 0 | 0 | 0 | 0 | 0 | 0 | 100,000 | | | |
| | 100,000 | 100,000 | 0 | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | |
| 2017 | 300,000 | 0 | 300,000 | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | Exp/(Rev) | FTE Impact | | | |
| | | | | Unknown | No Operating Budget Impact | | | | | | 0 | 0 | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | Est. Completion Date | | | | | | | | | |
| 2017 | January 1, 2017 | Growth: 0.0 % Maintenance: 100.0 % | Sergio Colucci | | | 2018 | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-----------------------------|
| Project # | ENG-017-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | | Division | Infrastructure & Geomatics |
| Title | Pontiac Pumping Station - Capacity Study | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | Ward 7 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|---|----------------------|------------------------------------|---------------------|---|----------------------------|-------------|-------------|-------------|-------------|-------------|------------------|-------------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| To review the Pontiac Pumping Station drainage capacity, optimization, and future needs. This pump station is in the area which was impacted by the recent flooding events of September 29, 2016. | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7161066 | | | | This project was put forward as part of the City's Clean Water Waste Water Fund application. Report C190/2016 pre-commits \$62,500 in 2018 F028 funding to this project. | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | | |
| 2018 | 62,500 | 62,500 | 0 | 2915 Consulting Services - External | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 62,500 | 0 | 0 | 0 | 0 | 0 | 0 | 62,500 | | |
| 2020 | 0 | 0 | 0 | Total | 62,500 | 0 | 0 | 0 | 0 | 0 | 0 | 62,500 | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 028 Sewer Surcharge | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 62,500 | 0 | 0 | 0 | 0 | 0 | 0 | 62,500 | | |
| 2024+ | 0 | 0 | 0 | Total | 62,500 | 0 | 0 | 0 | 0 | 0 | 0 | 62,500 | | |
| | 62,500 | 62,500 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | |
| 2017 | 187,500 | 0 | 187,500 | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | Exp/(Rev) | FTE Impact | | |
| | | | | Unknown | No Operating Budget Impact | | | | | | 0 | 0 | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | |
| 2017 | January 1, 2017 | Growth: 0.0 % Maintenance: 100.0 % | Tiffany Pocock | 2018 | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-----------------------------|
| Project # | ENG-018-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | | Division | Infrastructure & Geomatics |
| Title | St. Paul Pumping Station - Capacity Study | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | Ward 6 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|--|----------------------|------------------------------------|---------------------|---|----------------------------|-------------|-----------------------------|-------------|-------------|-------------|------------------|-------------------|--------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| To review the St. Paul Pumping Station drainage capacity, optimization, and future needs. This pump station is in the area which was impacted by the recent flooding events of September 29, 2016. | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| 7161067 | | | | This project was put forward as part of the City's Clean Water Waste Water Fund application. Report C190/2016 pre-commits \$62,500 in 2018 F028 funding to this project. | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 62,500 | 62,500 | 0 | 2915 Consulting Services - External | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 62,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 62,500 | | |
| 2020 | 0 | 0 | 0 | Total | 62,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 62,500 | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 028 Sewer Surcharge | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 62,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 62,500 | | |
| 2024+ | 0 | 0 | 0 | Total | 62,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 62,500 | | |
| | 62,500 | 62,500 | 0 | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | |
| 2017 | 187,500 | 0 | 187,500 | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | Exp/(Rev) | FTE Impact | | | |
| | | | | Unknown | No Operating Budget Impact | | | | | | 0 | 0 | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | Est. Completion Date | | | | | | | | |
| 2017 | January 1, 2017 | Growth: 0.0 % Maintenance: 100.0 % | Tiffany Pocock | | | | 2018 | | | | | | | | |



Project Version Summary

Project # ENG-023-17 **Service Area** Office of the City Engineer
Budget Year 2018 **Department** Engineering
Asset Type Unassigned **Division** Infrastructure & Geomatics

Title Connaught Street Reconstruction
Budget Status Council Approved Budget
Major Category Sewers
Wards Ward 2
Version Name Main (Active)

| Project Description | | As per the approved 2017 enhanced Capital Budget 5-year plan. | | Version Description | | Complete sewer and road rehabilitation from Prince Road to Felix Avenue. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|-------------------|---|---------------------|--------------------------------|------|---|-------|---------|---------------|---------------|-----------|------|---|---|---|------|---|---|---|------|---|---|---|------|---------|---------|---|------|---|---|---|------|---|---|---|-------|---|---|---|--|----------------|----------------|----------|----------------------------------|--|--|--|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-----------------------------------|--|--|--|--|--|--|--|--|--|---|---|---|---------|---|---|---|---------|-------|---|---|---|---------|---|---|---|---------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|--|--|--|--|--|--|--|--|--|---|---|---|---------|---|---|---|---------|-------|---|---|---|---------|---|---|---|---------|
| Project Comments/Reference | | 7171064 | | Version Comments | | Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2019</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2020</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2021</td><td>715,000</td><td>715,000</td><td>0</td></tr> <tr><td>2022</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2024+</td><td>0</td><td>0</td><td>0</td></tr> <tr><td></td><td>715,000</td><td>715,000</td><td>0</td></tr> </tbody> </table> | | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2018 | 0 | 0 | 0 | 2019 | 0 | 0 | 0 | 2020 | 0 | 0 | 0 | 2021 | 715,000 | 715,000 | 0 | 2022 | 0 | 0 | 0 | 2023 | 0 | 0 | 0 | 2024+ | 0 | 0 | 0 | | 715,000 | 715,000 | 0 | Project Detailed Forecast | | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td> <td>0</td><td>0</td><td>0</td><td>715,000</td><td>0</td><td>0</td><td>0</td><td>715,000</td> </tr> <tr> <td>Total</td> <td>0</td><td>0</td><td>0</td><td>715,000</td><td>0</td><td>0</td><td>0</td><td>715,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td> <td>0</td><td>0</td><td>0</td><td>715,000</td><td>0</td><td>0</td><td>0</td><td>715,000</td> </tr> <tr> <td>Total</td> <td>0</td><td>0</td><td>0</td><td>715,000</td><td>0</td><td>0</td><td>0</td><td>715,000</td> </tr> </tbody> </table> | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5410 Construction Contracts - TCA | | | | | | | | | | 0 | 0 | 0 | 715,000 | 0 | 0 | 0 | 715,000 | Total | 0 | 0 | 0 | 715,000 | 0 | 0 | 0 | 715,000 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | | | | | | | | | | 0 | 0 | 0 | 715,000 | 0 | 0 | 0 | 715,000 | Total | 0 | 0 | 0 | 715,000 | 0 | 0 | 0 | 715,000 |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 715,000 | 715,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 715,000 | 715,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 0 | 715,000 | 0 | 0 | 0 | 715,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 715,000 | 0 | 0 | 0 | 715,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 0 | 715,000 | 0 | 0 | 0 | 715,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 715,000 | 0 | 0 | 0 | 715,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2017 | January 1, 2017 | Growth: 0.0 % Maintenance: 0.0 % | Adam Mourad | 2018 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-----------------------------|
| Project # | ENG-024-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | Northwood/Dominion Intersection Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 10 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|---------------------|---|-------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| As per the approved 2017 enhanced Capital Budget 5-year plan. | | | | Engineering only. | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7171084 | | | | Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan. Additional funds of \$1m have been requested/added in years 2021 and 2022. | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | |
| 2021 | 1,150,000 | 1,150,000 | 0 | | | | | | | | | | | |
| 2022 | 1,000,000 | 1,000,000 | 0 | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | |
| | 2,150,000 | 2,150,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | | Est. Completion Date | | | | | | |
| 2017 | January 23, 2017 | Growth: 0.0 % Maintenance: 0.0 % | June Liu-Vajko | | | | | 2018 | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-----------------------------|
| Project # | ENG-026-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | Sandwich Street - Roundabout and Archeological Study | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 2 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|-----------------------------------|----------------------|---|---------------------|----------------------------------|---------------------------------|---|-------------|-------------|-------------|-------------|--------------|--------------|--|
| Project Description | | Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan. | | Version Description | | Roundabout at University Ave. and Riverside Dr. including engineering and land acquisition as well as an archeological study. | | | | | | | |
| Project Comments/Reference | | 7171001 | | Version Comments | | Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan. CR110/2016 Report C36/2017 approved a pre-commitment of \$850,000 to the 2017 Enhanced Capital Budget (B56/2017) in 2021. | | | | | | | |
| Project Forecast | | Revenue | | Project Detailed Forecast | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 1,150,000 | 0 | 0 | 0 | 1,150,000 | |
| 2021 | 1,150,000 | 1,150,000 | 0 | Total | 0 | 0 | 0 | 1,150,000 | 0 | 0 | 0 | 1,150,000 | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 0 | 0 | 1,150,000 | 0 | 0 | 0 | 1,150,000 | |
| | 1,150,000 | 1,150,000 | 0 | Total | 0 | 0 | 0 | 1,150,000 | 0 | 0 | 0 | 1,150,000 | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | Est. Completion Date | | | | | | | | |
| 2017 | January 23, 2017 | Growth: 0.0 % Maintenance: 0.0 % | Tiffany Pocock | | 2018 | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-----------------------------|
| Project # | ENG-027-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | Wyandotte Town Centre's World Marketplace Redevelopment - Phase 1 | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Community & Economic Development | | |
| Wards | Ward 3, Ward 4 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|---|-------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | |
| Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan. | | | | Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan. | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | |
| Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan. | | | | Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan. | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | 0 0 0 1,000,000 0 0 0 1,000,000 | | | | | | | | | | | | | |
| 2021 | 1,000,000 | 1,000,000 | 0 | Total 0 0 0 1,000,000 0 0 0 1,000,000 | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | 0 0 0 1,000,000 0 0 0 1,000,000 | | | | | | | | | | | | | |
| | 1,000,000 | 1,000,000 | 0 | Total 0 0 0 1,000,000 0 0 0 1,000,000 | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | |
| Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan. | | | | Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan. | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | |
| 2017 | January 23, 2017 | Growth: 0.0 % Maintenance: 0.0 % | | Wes Hicks | | | | | 2021 | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-----------------------------|
| Project # | ENG-028-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | Banwell Road - Engineering - Roundabout at Mulberry | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 7 | | |
| Version Name | Main (Active) | | |

| Project Description | | As per the approved 2017 enhanced Capital Budget 5-year plan. | | Version Description | | Engineering and Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|-------------------|---|---------------------|--------------------------------|---------|---|-------|---------------|---------------|-----------|------|---|---|---|------|---|---|---|------|---|---|---|------|---------|---------|---|------|---|---|---|------|---|---|---|-------|---|---|---|--|----------------|----------------|----------|----------------------------------|--|--|--|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-----------------------------------|--|--|--|--|--|--|--|--|--|---|---|---|---------|---|---|---|---------|-------|---|---|---|---------|---|---|---|---------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|--|--|--|--|--|--|--|--|--|---|---|---|---------|---|---|---|---------|-------|---|---|---|---------|---|---|---|---------|
| Project Comments/Reference | | 7171077 | | Version Comments | | Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | <table border="1"> <thead> <tr> <th></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2019</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2020</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2021</td><td>200,000</td><td>200,000</td><td>0</td></tr> <tr><td>2022</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2024+</td><td>0</td><td>0</td><td>0</td></tr> <tr><td></td><td>200,000</td><td>200,000</td><td>0</td></tr> </tbody> </table> | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2018 | 0 | 0 | 0 | 2019 | 0 | 0 | 0 | 2020 | 0 | 0 | 0 | 2021 | 200,000 | 200,000 | 0 | 2022 | 0 | 0 | 0 | 2023 | 0 | 0 | 0 | 2024+ | 0 | 0 | 0 | | 200,000 | 200,000 | 0 | Project Detailed Forecast | | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>200,000</td> <td>0</td> <td>0</td> <td>0</td> <td>200,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>200,000</td> <td>0</td> <td>0</td> <td>0</td> <td>200,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>200,000</td> <td>0</td> <td>0</td> <td>0</td> <td>200,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>200,000</td> <td>0</td> <td>0</td> <td>0</td> <td>200,000</td> </tr> </tbody> </table> | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5410 Construction Contracts - TCA | | | | | | | | | | 0 | 0 | 0 | 200,000 | 0 | 0 | 0 | 200,000 | Total | 0 | 0 | 0 | 200,000 | 0 | 0 | 0 | 200,000 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | | | | | | | | | | 0 | 0 | 0 | 200,000 | 0 | 0 | 0 | 200,000 | Total | 0 | 0 | 0 | 200,000 | 0 | 0 | 0 | 200,000 |
| | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 200,000 | 200,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 200,000 | 200,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 0 | 200,000 | 0 | 0 | 0 | 200,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 200,000 | 0 | 0 | 0 | 200,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 0 | 200,000 | 0 | 0 | 0 | 200,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 200,000 | 0 | 0 | 0 | 200,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2017 | January 23, 2017 | Growth: 0.0 % Maintenance: 0.0 % | Tiffany Pocock | 2018 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Project Version Summary

Project # ENG-031-17 **Service Area** Office of the City Engineer
Budget Year 2018 **Department** Engineering
Asset Type Unassigned **Division** Infrastructure & Geomatics

Title Norman Road - Engineering - Tecumseh to Adstoll
Budget Status Council Approved Budget
Major Category Sewers
Wards Ward 8
Version Name Main (Active)

| | | | |
|---|----------------------|---|-----------------------------|
| Project Description | | Version Description | |
| As per the approved 2017 enhanced Capital Budget 5-year plan. | | Sewer Rehabilitation | |
| Project Comments/Reference | | Version Comments | |
| 7171078 | | Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan. | |
| Project Forecast | | Project Detailed Forecast | |
| | Revenue | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> |
| 2018 | 0 | 0 | 0 |
| 2019 | 0 | 0 | 0 |
| 2020 | 0 | 0 | 0 |
| 2021 | 100,000 | 100,000 | 0 |
| 2022 | 0 | 0 | 0 |
| 2023 | 0 | 0 | 0 |
| 2024+ | 0 | 0 | 0 |
| | 100,000 | 100,000 | 0 |
| Historical Approved Budget | | Operating Budget Impact | |
| | | | |
| Related Projects | | | |
| | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead |
| 2017 | January 1, 2017 | Growth: 0.0 % Maintenance: 0.0 % | Janelle Coombs |
| | | | Est. Completion Date |
| | | | 2018 |



Project Version Summary

| | | | |
|-----------------------|--------------------------------|---------------------|-----------------------------|
| Project # | OPS-012-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Infrastructure & Geomatics |
| Title | Streetlights on South National | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 8 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|---|-------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|--|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | | |
| As per the approved 2017 enhanced Capital Budget 5-year plan, as per CR201/2017, report C 49/2017. | | | | | | | | | | | | | | | | | | | | |
| Project will see street lights installed on South National, from Jefferson to Pillette in order to provide adequate lighting for the recently constructed multi-use facility. | | | | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | |
| 7171079 | | | | Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan. | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | 0 0 0 105,000 0 0 0 105,000 | | | | | | | | | | | | | | | | |
| 2021 | 105,000 | 105,000 | 0 | Total 0 0 0 105,000 0 0 0 105,000 | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | 0 0 0 105,000 0 0 0 105,000 | | | | | | | | | | | | | | | | |
| | 105,000 | 105,000 | 0 | Total 0 0 0 105,000 0 0 0 105,000 | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | | | | |
| 2017 | January 23, 2017 | Growth: 0.0 % Maintenance: 0.0 % | | Tiffany Pocock | | | | | 2018 | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-----------------------------|
| Project # | ENG-012-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | | Division | Pollution Control |
| Title | ESR for Riverfront CSO Downstream of CMH Woods Pump Station/LRWPR Wet Weather Flows | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

Project Description

The Environmental Study Report (ESR) for the Combined Sewer Overflow (CSO) is the follow up to the existing Retention Treatment Basin work that was completed in 2012. Additionally, the wet weather flows at the Lou Romano Water Reclamation Plant (LRWRP) will work in conjunction with this to identify the recommended solution to these related items. Funding from senior levels of government for the proposed study have been identified as being strongly supported and funding is available. This would result in up to 2/3 funding for this study, however, to be conservative, this submission anticipates only 1/2 funding.

Completion of the ESR at this time will clearly identify what is required to address the Riverfront CSOs and wet weather events at the LRWRP for future planning. Additionally, this would allow for the ability to move the project forward when senior level funding becomes available.

It is anticipated that the study would be in the \$250,000 to \$300,000 range depending on the scope. It could be brought to the functional design stage, allowing for a more expedient transition to final design.

Version Description

Project Comments/Reference

7163004

Version Comments

CR741/2016 pre-commits the \$150,000 city cost in 2018.

| Project Forecast | | Revenue | |
|------------------|----------------|----------------|----------------|
| Year | Total Expense | Net City Cost | Subsidies |
| 2018 | 300,000 | 150,000 | 150,000 |
| 2019 | 0 | 0 | 0 |
| 2020 | 0 | 0 | 0 |
| 2021 | 0 | 0 | 0 |
| 2022 | 0 | 0 | 0 |
| 2023 | 0 | 0 | 0 |
| 2024+ | 0 | 0 | 0 |
| | 300,000 | 150,000 | 150,000 |

| Project Detailed Forecast | | | | | | | | | |
|---------------------------|---------------------------------|----------------|----------|----------|----------|----------|----------|----------------|--|
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | |
| Expenses | | | | | | | | | |
| 2950 | Other Prof Services-External | | | | | | | | |
| | 300,000 | 0 | 0 | 0 | 0 | 0 | 0 | 300,000 | |
| | <u>Total</u> | <u>300,000</u> | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> | <u>300,000</u> | |
| Revenues | | | | | | | | | |
| 169 | Pay As You Go - Capital Reserve | | | | | | | | |
| | 150,000 | 0 | 0 | 0 | 0 | 0 | 0 | 150,000 | |
| 6310 | Ontario Specific Grants | | | | | | | | |
| | 50,000 | 0 | 0 | 0 | 0 | 0 | 0 | 50,000 | |
| 6320 | Canada Specific Grants | | | | | | | | |
| | 100,000 | 0 | 0 | 0 | 0 | 0 | 0 | 100,000 | |
| | <u>Total</u> | <u>300,000</u> | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> | <u>300,000</u> | |

Historical Approved Budget

Related Projects

| Operating Budget Impact | | Exp/(Rev) | FTE Impact |
|-------------------------|----------------------------|-----------|------------|
| Effective Date | Description | | |
| Unknown | No Operating Budget Impact | 0 | 0 |

| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date |
|------------------------|-------------------|------------------------------------|---------------------|-----------------------------|
| 2017 | January 1, 2017 | Growth: 0.0 % Maintenance: 100.0 % | Ed Valdez | 2018 |



Project Version Summary

| | | | |
|-----------------------|-------------------------------|---------------------|-----------------------------|
| Project # | ENG-013-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | | Division | Pollution Control |
| Title | Malden Landfill Gas Migration | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | Ward 2 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|---|---|--|------------------|-------------------|-------------|-------------|-------------|-------------|--------------|--------------|---------|
| Project Description | | | | Version Description | | | | | | | | | | |
| For compliance with Ontario Ministry of the Environment and Climate Change (MOECC) Provincial Officers Orders and as per MOECC Amended Environmental Compliance Approval for the Closed Malden Rd. Western Inert Landfill (Malden Park), the City is required to mitigate the potential of off-site landfill gas migration identified in gas monitoring wells in the vicinity of the John McGivney Children's Centre/City of Windsor joint use parking lot. The work consists of engineering, preparation of tender documents, excavation of refuse and fill beneath the joint use parking lot and subsequent restoration of the parking lot. The preliminary cost for this work ranges from \$1.3 million to \$2.608 million, and is highly dependent on the amount of refuse requiring proper disposal discovered upon excavation of the site. | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7161059 | | | | S164/2016 pre-committed \$2.608 million from the 2017-2021 5-Year Capital Plan to this project. CR 646/2016: 2017 - F028 \$40,000 / 2017 - F145 \$1,608,000 / 2018 F169 \$79,000 / 2019 F169 \$881,000 | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | |
| 2019 | 460,000 | 460,000 | 0 | | 0 | 460,000 | 0 | 0 | 0 | 0 | 0 | 0 | 460,000 | |
| 2020 | 0 | 0 | 0 | | Total | | | | | | | | 0 | 460,000 |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 460,000 | 0 | 0 | 0 | 0 | 0 | 0 | 460,000 | |
| 2024+ | 0 | 0 | 0 | | Total | | | | | | | | 0 | 460,000 |
| | 460,000 | 460,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | |
| 2017 | 1,648,000 | 1,648,000 | 0 | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | | |
| | | | | Unknown | Depending on the final design, there may be reduced landfill monitoring costs. | 0 | 0 | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | |
| 2017 | January 1, 2017 | Growth: 0.0 % Maintenance: 0.0 % | Paul Drca / Chris Manzon / Wadah Al-Yassiri | 2017 | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|-----------------------------------|---------------------|-----------------------------|
| Project # | ENG-020-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | | Division | Pollution Control |
| Title | LRWRP Dry Well Reliability Issues | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | | |
|--|----------------------|------------------------------------|------------------|--|------------------------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|------------------|-------------------|--|--|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | | |
| Review of the LRWRP MPH Drywell integrity during high flow events and preventative measures upgrades. During significant wet weather events, vulnerabilities in the main pump house at the LRWRP could lead to significant infrastructure damage and failure compromising the plant operations. The upgrades would provide additional protection from these vulnerabilities. | | | | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | |
| 7161069 | | | | This project is being put forward as part of the City's Clean Water Waste Water Fund application. Report C190/2016 pre-commits \$87,500 in 2018 F028 funding to this project. | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | | | | | | | |
| 2018 | 87,500 | 87,500 | 0 | Expenses | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 87,500 | 0 | 0 | 0 | 0 | 0 | 0 | 87,500 | | | | | | | | |
| 2021 | 0 | 0 | 0 | Total | 87,500 | 0 | 0 | 0 | 0 | 0 | 0 | 87,500 | | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 028 | Sewer Surcharge | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 87,500 | 0 | 0 | 0 | 0 | 0 | 0 | 87,500 | | | | | | | | |
| | 87,500 | 87,500 | 0 | Total | 87,500 | 0 | 0 | 0 | 0 | 0 | 0 | 87,500 | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | | | | | | | |
| 2017 | 262,500 | 0 | 262,500 | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | | |
| | | | | <u>Effective Date</u> | <u>Description</u> | | | | | | | <u>Exp/(Rev)</u> | <u>FTE Impact</u> | | | | | | | |
| | | | | Unknown | No Operating Budget Impact | | | | | | 0 | 0 | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | | | | |
| 2017 | January 1, 2017 | Growth: 0.0 % Maintenance: 100.0 % | | Chris Manzon / Ed Valdez | | | | | 2018 | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-----------------------------|
| Project # | ENG-021-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | | Division | Pollution Control |
| Title | Maplewood Pumping Station - Odour Control System | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | Ward 1 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | | |
|---|----------------------|------------------------------------|------------------|---|---|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|---------|--|------------------|-------------------|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | | |
| Supply and installation of an odour control system at the Maplewood Pumping Station to prevent system corrosion. Current odour issues have impacted the downstream areas including sewers causing significant sewer corrosion and community impact. The odour control system would minimize these downstream effects. | | | | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | |
| 7161070 | | | | This project is being put forward as part of the City's Clean Water Waste Water Fund application. Report C190/2016 pre-commits \$137,500 in 2018 F028 funding to this project. | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | | | | | | | |
| 2018 | 137,500 | 137,500 | 0 | Expenses | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 137,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 137,500 | | | | | | | |
| 2021 | 0 | 0 | 0 | Total | 137,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 137,500 | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 028 | Sewer Surcharge | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 137,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 137,500 | | | | | | | |
| | 137,500 | 137,500 | 0 | Total | 137,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 137,500 | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | | | | | | | |
| 2017 | 412,500 | 0 | 412,500 | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | | | | Exp/(Rev) | FTE Impact | | | | |
| | | | | Unknown | Depending on the final design, there may be additional utility and maintenance costs. | | | | | | | | | | 0 | 0 | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | | | | |
| 2017 | January 1, 2017 | Growth: 0.0 % Maintenance: 100.0 % | | Ed Valdez | | | | | 2018 | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|-------------------------|---------------------|-----------------------------|
| Project # | ENG-022-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | | Division | Pollution Control |
| Title | LRWRP Back Wash Tanks | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | | |
|---|----------------------|------------------------------------|------------------|---|-------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|--|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | | |
| Supply and installation of automated screens on the BAF Back Wash Supply Tank. The existing screening system is unable to keep up with the current loading due to significant algae growth in the effluent channels requiring manual intervention. This impacts the BAF operations due to the limitation of back wash supply water. The installation of an automated screen would result in improved operational reliability of the BAF system. | | | | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | |
| 7161071 | | | | This project is being put forward as part of the City's Clean Water Waste Water Fund application. Report C190/2016 pre-commits \$187,500 in 2018 F028 funding to this project. | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | |
| 2018 | 187,500 | 187,500 | 0 | Expenses | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | 187,500 0 0 0 0 0 0 187,500 | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | Total 187,500 0 0 0 0 0 0 187,500 | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 028 Sewer Surcharge | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | 187,500 0 0 0 0 0 0 187,500 | | | | | | | | | | | | | | | | |
| | 187,500 | 187,500 | 0 | Total 187,500 0 0 0 0 0 0 187,500 | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | | | | | | | |
| 2017 | 562,500 | 0 | 562,500 | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | | |
| | | | | Effective Date Description Exp/(Rev) FTE Impact | | | | | | | | | | | | | | | | |
| | | | | Unknown Depending on the final design, there may be reduced maintenance and labour costs. 0 0 | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | | | | |
| 2017 | January 1, 2017 | Growth: 0.0 % Maintenance: 100.0 % | | Ed Valdez | | | | | 2018 | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-----------------------------|
| Project # | ENV-001-08 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Pollution Control |
| Title | Lou Romano Water Reclamation Plant Capital Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| Project Description | Version Description |
|--|---|
| <p>The project was established for repairs to the particular facility and other LRWRP capital related costs. It is funded from the dedicated Pollution Control Reserve, Fund 208.</p> <p>The account represents funding for various works including placeholders for planned and unplanned repairs on a year-by-year basis. The work anticipated and completed varies annually dependent on manpower, project scope and can span several years.</p> <p>Due to the large amount of mechanical, electrical and structural infrastructure in the facility, annual funding from the Sewer Surcharge was put in place in order to address the depreciation of this infrastructure and provide for ongoing replacement, rehabilitation and repair. This ensures the reliability and integrity of the infrastructure in order to properly maintain the operation due to its critical nature.</p> <p>The facility has redundancy designed and built-in so that when equipment requires repair it can be taken out of service and still maintain the overall facility capacity. However, the repair must be completed in a timely manner in order for it to be brought back into service to ensure the reliability and integrity of the overall operation. Significant portions of the equipment are at what is considered to be its normal life span (15 to 40 years), dependent on the type of equipment. As a result, it is scheduled to be replaced as preventative maintenance prior to failure.</p> | <p>2018 Capital Works: \$2,605,000</p> <p>\$600,000 - RS Pump Rebuilds: Rebuild of the raw sewage pumps rotating assembly to maintain reliability, and efficiency is required on a 5 to 10 year cycle depending on wear.</p> <p>\$150,000 - Variable Speed Drives: Replacement of the variable speed drives for the raw sewage pumps is required to ensure reliability as the drives are at the end of their service life.</p> <p>\$50,000 - Fine Screens: Rebuilding of the fine screens to maintain operation due to wear.</p> <p>\$60,000 - Main Pumphouse Valves and Actuators: The valve actuators are at the end of their service life and replacement is required to ensure reliability.</p> <p>\$700,000 - BAF Cell Refurbishment: Air piping has excessive leaks impacting operation of the process within the cell. There are 16 cells each requiring cell media removal and piping repairs.</p> <p>\$50,000 - UV Module Replacement: Modules require annual rebuilding and replacement units provide increased reliability and flexibility of system</p> <p>\$50,000 - Sluice Gate Refurbishment: Gates need to be refurbished as they do not seal up properly and consequently it is difficult to properly isolate equipment for maintenance.</p> <p>\$175,000 - PST Drain Valves: Existing below grade (20') valves are difficult to open/close due to dirt and corrosion; valves are situated next to 2 PSTs and SPH #1 requiring shoring be put in to excavate down to valves and not damage surrounding structures.</p> <p>\$200,000 - Security: Realignment and replacement of entrances and gates is required to due closure of gates from security audit and continued operation.</p> <p>\$150,000 - Centrifuge 2 and 3 Gearbox Replacement: The gearboxes are unreliable, requiring significant downtime, repair and replacement costs. The proposed replacements are upgraded gearboxes.</p> <p>\$120,000 - Centrifuge Main / Backdrive Replacement: Centrifuge variable speed drives have a limited service life and require replacement in order to ensure operational reliability.</p> <p>\$300,000 - Miscellaneous: To address the equipment repair and replacement which occurs due to unanticipated equipment failure. This is a placeholder due to the varying nature of this work.</p> |
| Project Comments/Reference | Version Comments |
| <p>See Document Attached. 7091009/7141035/7141036/7141037/7141038/7152002/7161006/7161007/7169002/7172001-7172006/7189004-7189008</p> | |

| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | |
|----------------------------|-----------------|------------------------------------|--------------|---------------------------|---|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|-------------------|-----------|-----------|-----------|------------|------------|
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | | | | | |
| 2018 | 2,605,000 | 2,605,000 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | 20,634,000 | | | | | | |
| 2019 | 1,380,000 | 1,380,000 | 0 | | 2,605,000 | 1,380,000 | 1,150,000 | 1,350,000 | 1,050,000 | 1,283,000 | 11,816,000 | 20,634,000 | | | | | | | |
| 2020 | 1,150,000 | 1,150,000 | 0 | | Total | | | | | | | 2,605,000 | 1,380,000 | 1,150,000 | 1,350,000 | 1,050,000 | 1,283,000 | 11,816,000 | 20,634,000 |
| 2021 | 1,350,000 | 1,350,000 | 0 | Revenues | | | | | | | | | | | | | | | |
| 2022 | 1,050,000 | 1,050,000 | 0 | 208 | Pollution Control Reserve | | | | | | | | 20,634,000 | | | | | | |
| 2023 | 1,283,000 | 1,283,000 | 0 | | 2,605,000 | 1,380,000 | 1,150,000 | 1,350,000 | 1,050,000 | 1,283,000 | 11,816,000 | 20,634,000 | | | | | | | |
| 2024+ | 11,816,000 | 11,816,000 | 0 | | Total | | | | | | | 2,605,000 | 1,380,000 | 1,150,000 | 1,350,000 | 1,050,000 | 1,283,000 | 11,816,000 | 20,634,000 |
| | | 20,634,000 | 0 | | | | | | | | | | | 20,634,000 | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | |
| 2008 | 250,000 | 250,000 | 0 | | | | | | | | | | | | | | | | |
| 2009 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | |
| 2010 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | |
| 2011 | 1,600,000 | 1,600,000 | 0 | | | | | | | | | | | | | | | | |
| 2012 | 1,000,000 | 1,000,000 | 0 | | | | | | | | | | | | | | | | |
| 2013 | 1,550,000 | 1,550,000 | 0 | | | | | | | | | | | | | | | | |
| 2014 | 2,200,000 | 2,200,000 | 0 | | | | | | | | | | | | | | | | |
| 2015 | 650,000 | 650,000 | 0 | | | | | | | | | | | | | | | | |
| 2016 | 2,250,000 | 2,250,000 | 0 | | | | | | | | | | | | | | | | |
| 2017 | 2,105,000 | 2,105,000 | 0 | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | | | | | | |
| | | | | Unknown | These works are all related to replacement and refurbishment of existing equipment and are expected to result in decreased maintenance costs. | | | | | | 0 | 0 | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | | | | | |
| 2008 | January 1, 2008 | Growth: 0.0 % Maintenance: 100.0 % | Chris Manzon | Ongoing | | | | | | | | | | | | | | | |

**Project Attachments
For: 2018**

Project # ENV-001-08

Project Name: Lou Romano Water Reclamation Plant

| Capital Project #7169002 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
|---|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|---------------------|
| Lab equipment | | | | | | | \$200,000 | \$200,000 |
| RS Pump Rebuilds | \$600,000 | | | \$500,000 | | | \$1,000,000 | \$2,100,000 |
| Variable Speed Drives | \$150,000 | | | | | | \$200,000 | \$350,000 |
| SCADA Equipment | | \$200,000 | \$200,000 | | | \$200,000 | \$300,000 | \$900,000 |
| BAF Valve repair/replacement | | \$50,000 | \$50,000 | | | \$133,333 | \$266,667 | \$500,000 |
| Bar Screens Rakes and Conveyors | | | | | | | \$100,000 | \$100,000 |
| Fine Screens | \$50,000 | | | | | | \$50,000 | \$100,000 |
| PST refurbish | | | | | | | \$2,200,000 | \$2,200,000 |
| Main Pumphouse Valves and Actuators | \$60,000 | \$60,000 | | | | | | \$120,000 |
| Channel Refurbishment | | | \$100,000 | | | \$150,000 | \$350,000 | \$600,000 |
| BAF Cell Refurbishment | \$700,000 | \$400,000 | \$400,000 | \$400,000 | \$400,000 | \$400,000 | \$2,300,000 | \$5,000,000 |
| UV Module Replacement | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$450,000 | \$750,000 |
| Sluice Gate Refurbishment | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$50,000 | | | \$250,000 |
| Inlet Refurbishment | | | | | \$200,000 | | | \$200,000 |
| Main Pumphouse Piping | | \$150,000 | | | | | \$1,000,000 | \$1,150,000 |
| PST Drain Valves | \$175,000 | | | | | | | \$175,000 |
| Security | \$200,000 | | | | | | | \$200,000 |
| Centrifuge 2 and 3 Gearbox Replacement | \$150,000 | | | | | | | \$150,000 |
| Centrifuge Main / Backdrive Replacement | \$120,000 | \$120,000 | | | | | | \$240,000 |
| Miscellaneous | \$300,000 | \$300,000 | \$300,000 | \$350,000 | \$350,000 | \$350,000 | \$3,400,000 | \$5,350,000 |
| Total | \$2,605,000 | \$1,380,000 | \$1,150,000 | \$1,350,000 | \$1,050,000 | \$1,283,333 | \$11,816,667 | \$20,635,000 |

2018 Anticipated Capital Works:

RS Pump Rebuilds: Rebuild of the raw sewage pumps rotating assembly to maintain reliability, and efficiency is required on a 5 to 10 year cycle depending on wear

Variable Speed Drives: Replacement of the variable speed drives for the raw sewage pumps is required to ensure reliability as the drives are at the end of their service life

Fine Screens: Rebuilding of the fine screens to maintain operation due to wear

Main Pumphouse Valves and Actuators: The valve actuators are at the end of their service life and replacement is required to ensure reliability

BAF Cell Refurbishment: Air piping has excessive leaks impacting operation of the process within the cell. There are 16 cells each requiring cell media removal and piping repairs.

UV Module Replacement: Modules require annual rebuilding and replacement units provide increased reliability and flexibility of system

Sluice Gate Refurbishment: Gates need to be refurbished as they do not seal up properly and consequently it is difficult to properly isolate equipment for maintenance.

PST Drain Valves: Existing below grade (20') valves are difficult to open/close due to dirt and corrosion; valves are situated next to 2 PSTs and SPH #1 requiring shoring be put in to excavate down to valves and not damage surrounding structures.

Security: Realignment and replacement of entrances and gates is required to due closure of gates from security audit and continued operation

Centrifuge 2 and 3 Gearbox Replacement: The gearboxes are unreliable, requiring significant downtime, repair and replacement costs. The proposed replacements are upgraded gearboxes.

Centrifuge Main / Backdrive Replacement: Centrifuge variable speed drives have a limited service life and require replacement in order to ensure operational reliability

Miscellaneous: To address the equipment repair and replacement which occurs due to unanticipated equipment failure. This is a placeholder due to the varying nature of this work.



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-----------------------------|
| Project # | ENV-002-08 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Pollution Control |
| Title | Little River Pollution Control Plant Capital Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

Project Description

Established for the repairs of the particular facility and other LRPCP capital related costs. Funded from the dedicated Pollution Control Reserve, Fund 208.

The account represents funding for various works including placeholders for planned and unplanned repairs on a year-by-year basis. The work anticipated and completed varies annually dependent on manpower, project scope and can span several years.

Due to the large amount of mechanical, electrical and structural infrastructure in the facility, annual funding from the Sewer Surcharge was put in place in order to address the depreciation of this infrastructure and provide for ongoing replacement, rehabilitation and repair. This ensures the reliability and integrity of the infrastructure in order to properly maintain the operation due to its critical nature.

The facility has redundancy designed and built-in so that when equipment requires repair it can be taken out of service and still maintain the overall facility capacity. However, the repair must be completed in a timely manner in order for it to be brought back into service to ensure the reliability and integrity of the overall operation. Significant portions of the equipment are at what is considered to be its normal life span (15 to 40 years), dependent on the type of equipment. As a result, it is scheduled to be replaced as preventative maintenance prior to failure.

Project Comments/Reference

See Document Attached.

Closed: 7091011

Open:

7141039/7141040/7151016/7161019/7161020/7161021/7161022/7161023/716400

9/7169004/7172007-7172011/7189009

Version Description

2018 Capital Works: \$1,545,000

\$50,000 - RS Pump Rebuilds: Rebuild of the raw sewage pumps rotating assembly to maintain reliability, and efficiency is required on a 5 to 10 year cycle depending on wear.

\$60,000 - PST Refurbishment: PSTs 1 to 6 structures require refurbishment and repairs and work is scheduled based on assessments.

\$60,000 - FST Refurbishment: FSTs 1 to 6 structures require refurbishment and repairs and work is scheduled based on assessments.

\$35,000 - Misc. Concrete Tank and Channel Refurbishment: Concrete tank and channel structures require refurbishment and repairs and work is scheduled based on assessments.

\$60,000 - Aeration Cell Refurbishment: Aeration cell concrete tanks require refurbishment and repairs and work is scheduled based on assessments.

\$50,000 - Sluice Gate Refurbishment: Gates need to be refurbished as they do not seal up properly and consequently are difficult to isolate for maintenance.

\$80,000 - SPH-PSP Replacements: Sludge feed pumps require replacement due to equipment wear.

\$500,000 - Aeration Blower Replacements: Existing blowers are nearing end of life and should be replaced with Turbo Blowers which will pay back within approximately 4 years (estimate) based on anticipated energy savings.

\$300,000 - Dewatering Polymer Batching System: The polymer system is at the end of its useful life and due to wear and unit obsolescence replacement has become necessary.

\$100,000 - Security: Realignment and replacement of entrance and gate is required to due closure of gate from security audit and continued operation.

\$250,000 - Miscellaneous: To address the equipment repair and replacement which occurs due to unanticipated equipment failure. This is a placeholder due to the varying nature of this work.

Version Comments

| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | | |
|----------------------------|-------------------|------------------------------------|--------------|---------------------------|---|-----------|---------|-----------|-----------|-----------|-----------|------------|------------|-----------|-----------|---------|-----------|-----------|-----------|-----------|------------|
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | | | | | | | |
| 2018 | 1,545,000 | 1,545,000 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | | | | | |
| 2019 | 2,555,000 | 2,555,000 | 0 | | 1,545,000 | 2,555,000 | 725,000 | 2,375,000 | 2,095,000 | 1,095,000 | 4,430,000 | 14,820,000 | | | | | | | | | |
| 2020 | 725,000 | 725,000 | 0 | | Total | | | | | | | | | 1,545,000 | 2,555,000 | 725,000 | 2,375,000 | 2,095,000 | 1,095,000 | 4,430,000 | 14,820,000 |
| 2021 | 2,375,000 | 2,375,000 | 0 | Revenues | | | | | | | | | | | | | | | | | |
| 2022 | 2,095,000 | 2,095,000 | 0 | 208 | Pollution Control Reserve | | | | | | | | | | | | | | | | |
| 2023 | 1,095,000 | 1,095,000 | 0 | | 1,545,000 | 2,555,000 | 725,000 | 2,375,000 | 2,095,000 | 1,095,000 | 4,430,000 | 14,820,000 | | | | | | | | | |
| 2024+ | 4,430,000 | 4,430,000 | 0 | | Total | | | | | | | | | 1,545,000 | 2,555,000 | 725,000 | 2,375,000 | 2,095,000 | 1,095,000 | 4,430,000 | 14,820,000 |
| | 14,820,000 | 14,820,000 | 0 | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | |
| 2008 | 213,000 | 213,000 | 0 | | | | | | | | | | | | | | | | | | |
| 2009 | 500,000 | 500,000 | 0 | | | | | | | | | | | | | | | | | | |
| 2010 | 350,000 | 350,000 | 0 | | | | | | | | | | | | | | | | | | |
| 2011 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | | |
| 2012 | 1,396,000 | 1,396,000 | 0 | | | | | | | | | | | | | | | | | | |
| 2013 | 2,075,000 | 2,075,000 | 0 | | | | | | | | | | | | | | | | | | |
| 2014 | 1,245,000 | 1,245,000 | 0 | | | | | | | | | | | | | | | | | | |
| 2015 | 900,000 | 900,000 | 0 | | | | | | | | | | | | | | | | | | |
| 2016 | 2,030,000 | 2,030,000 | 0 | | | | | | | | | | | | | | | | | | |
| 2017 | 1,920,000 | 1,920,000 | 0 | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | | | | | | | | |
| | | | | Unknown | These works are all related to replacement and refurbishment of existing equipment and are expected to result in decreased maintenance costs. | | | | | | 0 | 0 | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | | | | | | | |
| 2008 | January 1, 2008 | Growth: 0.0 % Maintenance: 100.0 % | Chris Manzon | Ongoing | | | | | | | | | | | | | | | | | |

**Project Attachments
For: 2018**

Project # ENV-002-08

Project Name: Little River Pollution Control Plant

| Capital Project #7169004 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
|---|--------------------|--------------------|------------------|--------------------|--------------------|--------------------|--------------------|---------------------|
| 3- Schwing Pumps | | \$100,000 | | | | | | \$100,000 |
| HVAC units (dewatering) | | \$500,000 | | | | | | \$500,000 |
| UV System upgrade/replacement | | | \$100,000 | \$1,800,000 | \$1,700,000 | | | \$3,600,000 |
| Plant 2 Chemical and pipe chase | | | | | | \$700,000 | | \$700,000 |
| RS Pump Rebuilds | \$50,000 | \$50,000 | | | | | \$100,000 | \$200,000 |
| PST refurbish | \$60,000 | \$60,000 | \$60,000 | \$60,000 | | | \$300,000 | \$540,000 |
| FST refurbish | \$60,000 | \$60,000 | \$60,000 | \$60,000 | | | \$300,000 | \$540,000 |
| Misc. concrete tank and channel refurbish | \$35,000 | \$35,000 | \$35,000 | \$35,000 | \$35,000 | \$35,000 | \$300,000 | \$510,000 |
| Aeration cell refurbish | \$60,000 | \$60,000 | \$60,000 | \$60,000 | | | | \$240,000 |
| Sluice Gate Refurbish | \$50,000 | \$60,000 | \$60,000 | \$60,000 | \$60,000 | \$60,000 | \$480,000 | \$830,000 |
| SPH - PSP replacements | \$80,000 | \$80,000 | | | | | | \$160,000 |
| Aeration Blower Replacements | \$500,000 | \$500,000 | | | | | | \$1,000,000 |
| Dewatering Polymer Batching System | \$300,000 | | | | | | | \$300,000 |
| Locker Room / Lunch Room | | \$700,000 | | | | | | \$700,000 |
| Sludge Pumphouse Valve Replacement | | \$100,000 | \$100,000 | | | | | \$200,000 |
| Security | \$100,000 | | | | | | | \$100,000 |
| Miscellaneous | \$250,000 | \$250,000 | \$250,000 | \$300,000 | \$300,000 | \$300,000 | \$2,950,000 | \$4,600,000 |
| Total | \$1,545,000 | \$2,555,000 | \$725,000 | \$2,375,000 | \$2,095,000 | \$1,095,000 | \$4,430,000 | \$14,820,000 |

2018 Anticipated Capital Works:

RS Pump Rebuilds: Rebuild of the raw sewage pumps rotating assembly to maintain reliability, and efficiency is required on a 5 to 10 year cycle depending on wear

PST Refurbishment: PSTs 1 to 6 structures require refurbishment and repairs and work is scheduled based on assessments.

FST Refurbishment: FSTs 1 to 6 structures require refurbishment and repairs and work is scheduled based on assessments.

Misc. Concrete Tank and Channel Refurbishment: Concrete tank and channel structures require refurbishment and repairs and work is scheduled based on assessments.

Aeration Cell Refurbishment: Aeration cell concrete tanks require refurbishment and repairs and work is scheduled based on assessments.

Sluice Gate Refurbishment: Gates need to be refurbished as they do not seal up properly and consequently are difficult to isolate for maintenance.

SPH - PSP Replacements: Sludge feed pumps require replacement due to equipment wear.

Aeration Blower Replacements: Existing blowers are nearing end of life and should be replaced with Turbo Blowers which will pay back within approximately 4 years (estimate) based on anticipated energy savings.

Dewatering Polymer Batching System: The polymer system is at the end of it's useful life and due to wear and unit obsolescence replacement has become necessary

Security: Realignment and replacement of entrance and gate is required to due closure of gate from security audit and continued operation

Miscellaneous: To address the equipment repair and replacement which occurs due to unanticipated equipment failure. This is a placeholder due to the varying nature of this work.



Project Version Summary

| | | | |
|-----------------------|---------------------------------------|---------------------|-----------------------------|
| Project # | ENV-003-08 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Engineering |
| Asset Type | Unassigned | Division | Pollution Control |
| Title | Pumping Stations Capital Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

Project Description

Established for repairs to various pumping station facilities and other capital related costs. Funded from the dedicated Pollution Control Reserve, Fund 208.

The account represents funding for various works including placeholders for planned and unplanned repairs on a year-by-year basis. The work anticipated and completed varies annually dependent on manpower, project scope and can span several years.

Due to the large amount of mechanical, electrical and structural infrastructure in the facilities, annual funding from the Sewer Surcharge was put in place in order to address the depreciation of this infrastructure and provide for ongoing replacement, rehabilitation and repair. This ensures the reliability and integrity of the infrastructure in order to properly maintain operations due to their critical nature.

The facilities have redundancy designed and built-in so that when equipment requires repair, they can be taken out of service and still maintain the overall facility capacity. However, repairs must be completed in a timely manner in order for it to be brought back into service to ensure the reliability and integrity of the overall operation. Significant portions of the equipment are at what is considered to be its normal life span (15 to 40 years), dependent on the type of equipment. As a result, it is scheduled to be replaced as preventative maintenance prior to failure.

Project Comments/Reference

See Document Attached.
 Closed: 7091010
 Open: 7141042/7162003/7162004/7169003/7169004/7172012/7172013/7189010

Version Description

2018 Capital Works: \$800,000
 \$450,000 - Caron: The valve actuators and gates are at the end of their service life and replacement is required to ensure reliability.
 \$150,000 - St. Paul: Repair and / or replacement of some of the pumps due to age and wear. The pumps are 40 years old and reliability and efficiency will be addressed through this replacement.
 \$200,000 - Miscellaneous: To address the equipment repair and replacement which occurs due to unanticipated equipment failure. This is a placeholder due to the varying nature of this work.

Version Comments

| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | |
|----------------------------|-----------------|------------------------------------|-------------------|---------------------------|---|-----------|---------|-----------|---------|-----------|-----------|------------|------------|-----------|---------|-----------|---------|-----------|-----------|------------|
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | | | | | | |
| 2018 | 800,000 | 800,000 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | | | | |
| 2019 | 3,450,000 | 3,450,000 | 0 | | 800,000 | 3,450,000 | 775,000 | 1,850,000 | 730,000 | 1,405,000 | 4,700,000 | 13,710,000 | | | | | | | | |
| 2020 | 775,000 | 775,000 | 0 | | Total | | | | | | | | 800,000 | 3,450,000 | 775,000 | 1,850,000 | 730,000 | 1,405,000 | 4,700,000 | 13,710,000 |
| 2021 | 1,850,000 | 1,850,000 | 0 | Revenues | | | | | | | | | | | | | | | | |
| 2022 | 730,000 | 730,000 | 0 | 208 | Pollution Control Reserve | | | | | | | | | | | | | | | |
| 2023 | 1,405,000 | 1,405,000 | 0 | | 800,000 | 3,450,000 | 775,000 | 1,850,000 | 730,000 | 1,405,000 | 4,700,000 | 13,710,000 | | | | | | | | |
| 2024+ | 4,700,000 | 4,700,000 | 0 | | Total | | | | | | | | 800,000 | 3,450,000 | 775,000 | 1,850,000 | 730,000 | 1,405,000 | 4,700,000 | 13,710,000 |
| | | 13,710,000 | 13,710,000 | 0 | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | |
| 2008 | 150,000 | 150,000 | 0 | | | | | | | | | | | | | | | | | |
| 2009 | 225,000 | 225,000 | 0 | | | | | | | | | | | | | | | | | |
| 2010 | 410,000 | 410,000 | 0 | | | | | | | | | | | | | | | | | |
| 2011 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | |
| 2012 | 595,000 | 595,000 | 0 | | | | | | | | | | | | | | | | | |
| 2013 | 1,005,000 | 1,005,000 | 0 | | | | | | | | | | | | | | | | | |
| 2014 | 970,000 | 970,000 | 0 | | | | | | | | | | | | | | | | | |
| 2015 | 525,000 | 525,000 | 0 | | | | | | | | | | | | | | | | | |
| 2016 | 400,000 | 400,000 | 0 | | | | | | | | | | | | | | | | | |
| 2017 | 1,400,000 | 1,400,000 | 0 | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | | | | | | | |
| | | | | Unknown | These works are all related to replacement and refurbishment of existing equipment and are expected to result in decreased maintenance costs. | | | | | | 0 | 0 | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | | | | | | |
| 2008 | January 1, 2008 | Growth: 0.0 % Maintenance: 100.0 % | Chris Manzon | Ongoing | | | | | | | | | | | | | | | | |

**Project Attachments
For: 2018**

Project # ENV-003-08

Project Name: Pumping Stations

| Capital Project #7169003 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
|---------------------------------|-----------|-------------|-----------|-------------|-----------|-----------|-----------|-------------|
| Ambassador/Ojibway | | | | | | | | |
| Pumps/Diesel | | | | | | | \$130,000 | \$130,000 |
| MCC/Controls | | | | | | | \$100,000 | \$100,000 |
| Aspen Lake | | | | | | | | |
| Dredging | | | | | | | \$250,000 | \$250,000 |
| Caron | | | | | | | | |
| Pump Rebuild | | | \$50,000 | | | | | \$50,000 |
| Replace Actuators / Valves | \$350,000 | | | | | | | \$350,000 |
| Bypass Gates / Inlet Valve | \$100,000 | | | | | | | \$100,000 |
| Clairview | | | | | | | | |
| Pump Rebuild | | | \$75,000 | | | \$75,000 | | \$150,000 |
| Drouillard | | | | | | | | |
| MCC upgrade/replacement | | \$250,000 | | | | | | \$250,000 |
| East Banwell | | | | | | | | |
| dredging/cleaning | | | | | | | \$50,000 | \$50,000 |
| East Marsh | | | | | | | | |
| diesel / mcc | | \$700,000 | | | | | | \$700,000 |
| Grand Marais | | | | | | | | |
| diesel driven pump | | \$150,000 | | | | | | \$150,000 |
| Howard Grade (new 2011) | | | | | | | | |
| pumps | | | | | | | \$160,000 | \$160,000 |
| dredging | | | | | | | \$200,000 | \$200,000 |
| Huron Estates | | | | | | | | |
| Pumps/Diesel | | | | | | | \$100,000 | \$100,000 |
| Janette/Charl | | | | | | | | |
| Pumps/Diesel | | | | | \$400,000 | | | \$400,000 |
| upgrade/refurbish | | | | | \$50,000 | | | \$50,000 |
| Jefferson | | | | | | | | |
| Pumps/Diesel | | | \$300,000 | | | | | \$300,000 |
| Lakeview/Blue Heron Pond | | | | | | | | |
| Dredging | | | | | | \$400,000 | | \$400,000 |
| Pontiac | | | | | | | | |
| Diesel / MCC | | \$2,000,000 | | | | | | \$2,000,000 |
| Provincial (Legacy) | | | | | | | | |
| pumps | | | | | \$30,000 | \$30,000 | \$30,000 | \$90,000 |
| clean underground storage | | | | | | | \$80,000 | \$80,000 |
| St. Paul | | | | | | | | |
| pumps | \$150,000 | \$150,000 | \$150,000 | | | | | \$450,000 |
| diesel | | | | \$1,100,000 | | | | \$1,100,000 |
| MCC upgrade/replacement | | | | \$500,000 | | | | \$500,000 |

**Project Attachments
For: 2018**

Project # ENV-003-08

Project Name: Pumping Stations

| Capital Project #7169003 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
|------------------------------------|------------------|--------------------|------------------|--------------------|------------------|--------------------|--------------------|---------------------|
| Walker | | | | | | | | |
| pumps | | | | | | \$150,000 | | \$150,000 |
| dredging | | | | | | \$500,000 | | \$500,000 |
| Wellington | | | | | | | | |
| diesel / mcc upgrade / replacement | | | | | | | \$500,000 | \$500,000 |
| Ypres | | | | | | | | |
| pumps | | | | | | | \$100,000 | \$100,000 |
| diesel / mcc | | | | | | | \$500,000 | \$500,000 |
| Miscellaneous | \$200,000 | \$200,000 | \$200,000 | \$250,000 | \$250,000 | \$250,000 | \$2,500,000 | \$3,850,000 |
| | | | | | | | | |
| | \$800,000 | \$3,450,000 | \$775,000 | \$1,850,000 | \$730,000 | \$1,405,000 | \$4,700,000 | \$13,710,000 |

Caron: The valve actuators and gates are at the end of their service life and replacement is required to ensure reliability

St. Paul: Repair and / or replacement of some of the pumps due to age and wear. The pumps are 40 years old and reliability and efficiency will be addressed through this replacement.

Miscellaneous: To address the equipment repair and replacement which occurs due to unanticipated equipment failure. This is a placeholder due to the varying nature of this work.



Project Version Summary

| | | | |
|-----------------------|--|---------------------|---|
| Project # | ECB-007-18 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Victoria Ave. - Tecumseh to Jackson Park - Mill and Pave | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 3 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|---|--|-------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|
| Project Description | | | | Version Description | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | Victoria Ave. was proposed to be resurfaced by milling off the existing asphalt and repaving the road from Tecumseh Rd. W. to Jackson Park. It is the opinion of Administration that this road has now deteriorated beyond the point where milling and repaving is a viable option for rehabilitation. This road should be fully reconstructed. The estimated cost for this work is \$625,000. Recommendations regarding this project will follow as part of a separate report to City Council. | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| 7183006 | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | 0 | 0 | 150,000 | 0 | 0 | 0 | 0 | 150,000 |
| 2020 | 150,000 | 150,000 | 0 | Total | | 0 | 0 | 150,000 | 0 | 0 | 0 | 0 | 150,000 |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | 0 | 0 | 150,000 | 0 | 0 | 0 | 0 | 150,000 |
| 2024+ | 0 | 0 | 0 | Total | | 0 | 0 | 150,000 | 0 | 0 | 0 | 0 | 150,000 |
| | 150,000 | 150,000 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | |
| 2018 | March 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | | Wade Bondy | | | | | TBD | | | | |



Project Version Summary

| | | | |
|-----------------------|-------------------------------|---------------------|---|
| Project # | ECB-008-18 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Park St. - Pelissier to Caron | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 3 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|--|----------------------|------------------------------------|------------------|--|---------------------------------|-------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|
| Project Description | | | | Version Description | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | Park St. W. will be reconstructed from Pelissier St. to Caron Ave. Because watermain funding will become available until 2019 work will be tendered in the Spring of 2019 and completed in the 2019 construction season. | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| 7182006 | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 43,000 | 43,000 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | |
| 2019 | 387,000 | 387,000 | 0 | | 43,000 | 387,000 | 0 | 0 | 0 | 0 | 0 | 0 | 430,000 |
| 2020 | 0 | 0 | 0 | | Total | | | | | | | | 430,000 |
| 2021 | 0 | 0 | 0 | | 43,000 | 387,000 | 0 | 0 | 0 | 0 | 0 | 0 | 430,000 |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 43,000 | 387,000 | 0 | 0 | 0 | 0 | 0 | 0 | 430,000 |
| | 430,000 | 430,000 | 0 | | Total | | | | | | | | 430,000 |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | |
| 2018 | January 1, 2019 | Growth: 0.0 % Maintenance: 100.0 % | | Wade Bondy | | | | | TBD | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---|
| Project # | ECB-009-18 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Lillian Ave. - Grand Marais to South Pacific - Reconstruction | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 10 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|---------------------|--|---------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|-----------------------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | Lillian Ave. will be reconstructed between Grand Marais Rd. E. and South Pacific Ave. Upon approval, this work will be tendered and completed during the 2018 construction season. | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7183007 | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | |
| 2020 | 500,000 | 500,000 | 0 | | 0 | 0 | 500,000 | 0 | 0 | 0 | 0 | 500,000 | | |
| 2021 | 0 | 0 | 0 | Total | 0 | 0 | 500,000 | 0 | 0 | 0 | 0 | 500,000 | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 0 | 500,000 | 0 | 0 | 0 | 0 | 500,000 | | |
| | 500,000 | 500,000 | 0 | Total | 0 | 0 | 500,000 | 0 | 0 | 0 | 0 | 500,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | | | | | | Est. Completion Date | | |
| 2018 | March 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | Wade Bondy | | | | | | | | | TBD | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|---|
| Project # | ECB-014-18 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Ypres Blvd. - Forest to Marentette - Mill and Pave | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 4 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|---|---------------------------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | Ypres. Blvd. is proposed to be resurfaced by milling off the existing asphalt and repaving the road from Forest Ave. to Marentette Ave. and can be combined with other work under tender to be completed during the 2018 construction season if approved. This project may be delayed as full sewer reconstruction of this section is planned for the 2022 calendar year. | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7183011 | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | |
| 2020 | 247,000 | 247,000 | 0 | | 0 | 0 | 247,000 | 0 | 0 | 0 | 0 | 247,000 | | |
| 2021 | 0 | 0 | 0 | Total | 0 | 0 | 247,000 | 0 | 0 | 0 | 0 | 247,000 | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 0 | 247,000 | 0 | 0 | 0 | 0 | 247,000 | | |
| | 247,000 | 247,000 | 0 | Total | 0 | 0 | 247,000 | 0 | 0 | 0 | 0 | 247,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | |
| 2018 | March 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | | Wade Bondy | | | | | TBD | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---|
| Project # | ECB-016-18 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | St. Luke Rd. - Seminole to ETR - Reconstruction | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 5 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|--|----------------------|------------------------------------|------------------|---|---------------------------------|-------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|
| Project Description | | | | Version Description | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | This project involves the reconstruction of St. Luke pavement between Seminole St. and the Essex Terminal Railway. Because watermain funding will become available until 2019, work will be tendered in the Spring of 2019 and completed in the 2019 construction season. | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| 7184000 | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 51,000 | 51,000 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 51,000 | 0 | 0 | 459,000 | 0 | 0 | 0 | 0 | 510,000 |
| 2020 | 0 | 0 | 0 | | Total | 51,000 | 0 | 0 | 459,000 | 0 | 0 | 0 | 510,000 |
| 2021 | 459,000 | 459,000 | 0 | Revenues | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 51,000 | 0 | 0 | 459,000 | 0 | 0 | 0 | 0 | 510,000 |
| 2024+ | 0 | 0 | 0 | | Total | 51,000 | 0 | 0 | 459,000 | 0 | 0 | 0 | 510,000 |
| | 510,000 | 510,000 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | |
| 2018 | January 1, 2019 | Growth: 0.0 % Maintenance: 100.0 % | | Wade Bondy | | | | | TBD | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|---|
| Project # | ECB-019-18 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | St. Julien Rd. - George to Tourangeau - Reconstruction | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 5 | | |
| Version Name | Main (Active) | | |

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|--|----------------------|----------------------------------|---------------------|--|---------------------------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | This is a road reconstruction with no watermain work. Upon approval, this work will be tendered with other work and completed during the 2018 construction season. | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7184001 | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 155,000 | 0 | 0 | 0 | 155,000 | | |
| 2021 | 155,000 | 155,000 | 0 | | Total | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | 0 | 0 | 0 | 155,000 | 0 | 0 | 0 | 155,000 | | |
| 2023 | 0 | 0 | 0 | Revenues | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | |
| | | | | | 0 | 0 | 0 | 155,000 | 0 | 0 | 0 | 155,000 | | |
| | 155,000 | 155,000 | 0 | | Total | | | | | | | | | |
| | | | | | 0 | 0 | 0 | 155,000 | 0 | 0 | 0 | 155,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | | Est. Completion Date | | | | | | |
| 2018 | March 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | Wade Bondy | | | | | TBD | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---|
| Project # | ECB-020-18 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Milloy Ave. - Chandler to Meldrum - Mill and Pave | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 5 | | |
| Version Name | Main (Active) | | |

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|--|----------------------|----------------------------------|---------------------|--|-------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | Milloy St. will be resurfaced by milling off the existing asphalt and repaving the road from Chandler Rd. to Meldrum Rd. This work will be tendered with other work and completed in the 2018 construction season. | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7182007 | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | |
| 2019 | 108,000 | 108,000 | 0 | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | |
| | 108,000 | 108,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | | Est. Completion Date | | | | | | |
| 2018 | March 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | Wade Bondy | | | | | TBD | | | | | | |



Project Version Summary

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|-----------------------|--|---------------------|---|
| Project # | ECB-021-18 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Albert St. - Wyandotte to Edna - Mill and Pave | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 5 | | |
| Version Name | Main (Active) | | |

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|--|----------------------|----------------------------------|---------------------|--|------------------------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | Albert Rd. will be resurfaced by milling off the existing asphalt and repaving the road from Wyandotte St. E. to Edna St. Because watermain funding will not become available until 2019, work will be tendered in the Spring of 2019 and completed in the 2019 construction season. | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7182008 | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | |
| 2019 | 114,000 | 114,000 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 114,000 | 0 | 0 | 0 | 0 | 0 | 114,000 | | |
| 2021 | 0 | 0 | 0 | | 0 | 114,000 | 0 | 0 | 0 | 0 | 0 | 114,000 | | |
| 2022 | 0 | 0 | 0 | | 0 | 114,000 | 0 | 0 | 0 | 0 | 0 | 114,000 | | |
| 2023 | 0 | 0 | 0 | | 0 | 114,000 | 0 | 0 | 0 | 0 | 0 | 114,000 | | |
| 2024+ | 0 | 0 | 0 | | 0 | 114,000 | 0 | 0 | 0 | 0 | 0 | 114,000 | | |
| | 114,000 | 114,000 | 0 | | 0 | 114,000 | 0 | 0 | 0 | 0 | 0 | 114,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | | Est. Completion Date | | | | | | |
| 2018 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | Wade Bondy | | | | | TBD | | | | | | |



Project Version Summary

| | | | |
|-----------------------|-------------------------------|---------------------|---|
| Project # | ECB-027-18 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Briarbank Dr. - Mill and Pave | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 7 | | |
| Version Name | Main (Active) | | |

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|--|----------------------|----------------------------------|---------------------|--|---------------------------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | Briarbank Dr. will be resurfaced from Mulberry Rd. to Rosebriar Rd. by milling off the existing asphalt and repaving the road. Upon approval, this work will be combined with other work under tender to be completed during the 2018 construction season. | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7184002 | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | |
| 2019 | 7,000 | 7,000 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | |
| 2020 | 143,000 | 143,000 | 0 | | 0 | 7,000 | 143,000 | 190,000 | 0 | 0 | 0 | 340,000 | | |
| 2021 | 190,000 | 190,000 | 0 | Total | 0 | 7,000 | 143,000 | 190,000 | 0 | 0 | 0 | 340,000 | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 7,000 | 143,000 | 190,000 | 0 | 0 | 0 | 340,000 | | |
| | 340,000 | 340,000 | 0 | Total | 0 | 7,000 | 143,000 | 190,000 | 0 | 0 | 0 | 340,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | | Est. Completion Date | | | | | | |
| 2018 | March 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | Wade Bondy | | | | | TBD | | | | | | |



Project Version Summary

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|-----------------------|---|---------------------|---|
| Project # | ECB-030-18 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Wyandotte St. - St. Rose to Janisse - Repair WB, Reconstruct EB | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 6 | | |
| Version Name | Main (Active) | | |

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|--|----------------------|----------------------------------|------------------|--|-------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|
| Project Description | | | | Version Description | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | Wyandotte St. E. from St. Rose Ave. to Janisse Dr. is a concrete pavement. The westbound lanes require repair in various areas while the eastbound lanes will require removal of the pavement structure and reconstruction. The first possible opportunity to fund and to tender this work is in the Spring of 2019 with completion in the 2019 construction season. | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 440,000 | 0 | 440,000 | |
| 2020 | 0 | 0 | 0 | Total | 0 | 0 | 0 | 0 | 0 | 440,000 | 0 | 440,000 | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | |
| 2023 | 440,000 | 440,000 | 0 | | 0 | 0 | 0 | 0 | 0 | 440,000 | 0 | 440,000 | |
| 2024+ | 0 | 0 | 0 | Total | 0 | 0 | 0 | 0 | 0 | 440,000 | 0 | 440,000 | |
| | 440,000 | 440,000 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | |
| 2018 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | | Wade Bondy | | | | | TBD | | | | |



Project Version Summary

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|-----------------------|--|---------------------|---|
| Project # | ECB-031-18 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Courtland Cres. - South National to South National - Mill and Pave | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 7 | | |
| Version Name | Main (Active) | | |

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|--|----------------------|----------------------------------|------------------|--|---------------------------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | Courtland Cres. will be resurfaced for its entire length by milling off the existing asphalt and repaving the road. The first possible opportunity to fund and to tender this work is in the Spring of 2019 with completion in the 2019 construction season. | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 120,000 | 0 | 120,000 | | |
| 2021 | 0 | 0 | 0 | Total | 0 | 0 | 0 | 0 | 0 | 120,000 | 0 | 120,000 | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | |
| 2023 | 120,000 | 120,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 120,000 | 0 | 120,000 | | |
| | 120,000 | 120,000 | 0 | Total | 0 | 0 | 0 | 0 | 0 | 120,000 | 0 | 120,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | |
| 2018 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | | Wade Bondy | | | | | TBD | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|---|
| Project # | ECB-032-18 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Annie St. - Tecumseh to Cul-de-sac - Mill and Pave | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 8 | | |
| Version Name | Main (Active) | | |

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|--|----------------------|----------------------------------|---------------------|--|------------------------------|-------------|-------------|-----------------------------|-------------|---------------|--------------|---------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | Annie St. will be resurfaced from Tecumseh southerly by milling off the existing asphalt and repaving the road. The first possible opportunity to fund and to tender this work is in the Spring of 2019 with completion in the 2019 construction season. | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 90,000 | 0 | 90,000 | | |
| 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 90,000 | 0 | 90,000 | | |
| 2021 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 90,000 | 0 | 90,000 | | |
| 2022 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 90,000 | 0 | 90,000 | | |
| 2023 | 90,000 | 90,000 | 0 | | 0 | 0 | 0 | 0 | 0 | 90,000 | 0 | 90,000 | | |
| 2024+ | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 90,000 | 0 | 90,000 | | |
| | 90,000 | 90,000 | 0 | | 0 | 0 | 0 | 0 | 0 | 90,000 | 0 | 90,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | | Est. Completion Date | | | | | | |
| 2018 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | Wade Bondy | | | | | TBD | | | | | | |



Project Version Summary

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|-----------------------|--|---------------------|---|
| Project # | ECB-036-18 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Northwood St. - Cleary to Daytona - Reconstruction | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 10 | | |
| Version Name | Main (Active) | | |

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|--|----------------------|----------------------------------|------------------|---|---------------------------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | Northwood St. will be reconstructed from Cleary St. to Daytona Ave. There is no watermain work. Upon approval, this work will be tendered in late 2018 and completed during the 2019 construction season. | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| 7183013 | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | |
| 2019 | 675,000 | 675,000 | 0 | | 0 | 675,000 | 75,000 | 0 | 0 | 0 | 0 | 750,000 | | | |
| 2020 | 75,000 | 75,000 | 0 | Total | 0 | 675,000 | 75,000 | 0 | 0 | 0 | 0 | 750,000 | | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 675,000 | 75,000 | 0 | 0 | 0 | 0 | 750,000 | | | |
| 2024+ | 0 | 0 | 0 | Total | 0 | 675,000 | 75,000 | 0 | 0 | 0 | 0 | 750,000 | | | |
| | | 750,000 | 750,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | |
| 2018 | March 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | | Wade Bondy | | | | | TBD | | | | | | |



Project Version Summary

| | | | |
|-----------------------|-------------------------|---------------------|---|
| Project # | ECB-037-18 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Alley Funding | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|---|---------------------------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | | This project is intended for general alley maintenance. Administration has compiled a priority list in anticipation of these funds and will expend funds based on technical warrants. | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7182010 | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | |
| 2019 | 250,000 | 250,000 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 250,000 | 0 | 0 | 0 | 0 | 0 | 250,000 | | |
| 2021 | 0 | 0 | 0 | Total | 0 | 250,000 | 0 | 0 | 0 | 0 | 0 | 250,000 | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 250,000 | 0 | 0 | 0 | 0 | 0 | 250,000 | | |
| | 250,000 | 250,000 | 0 | Total | 0 | 250,000 | 0 | 0 | 0 | 0 | 0 | 250,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | |
| 2018 | March 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | | Roberta Harrison | | | | | TBD | | | | | |



Project Version Summary

| | | | |
|-----------------------|--------------------------------------|---------------------|---|
| Project # | ENG-007-16 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Basement Flooding Abatement Measures | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | |
|--|--|
| Project Description | Version Description |
| <p>This project will merge the following five programs, which used to be separate projects in the Capital Budget, into one project:</p> <ul style="list-style-type: none"> - Closed Circuit Television (CCTV) Program – to evaluate sewer conditions and assist in capital planning - Smoke & Dye Testing Program – to identify infiltration and cross connection issues for identification of repairs required to reduce basement flooding - Small Sewer Repairs Program – to address numerous small deficiencies identified in the sewer system which, if left unchecked, can manifest into sinkholes and larger repairs - Basement Flooding Mitigation Measures Program – for the implementation of a downspout disconnection program and investing in live flow monitoring equipment - Basement Flooding Prevention Subsidy Program – to install backwater valves and/or sump pumps in areas subject to, or are susceptible to, basement flooding and help subsidize homeowners for part of the associated costs. | <p>This consolidates the following previously approved projects into one program:</p> <ol style="list-style-type: none"> 1) OPS-008-07 Closed Circuit Television (CCTV) 2) OPS-003-10 Small Sewer Repairs 3) ECP-001-12 Basement Flooding Mitigation Measures 4) EIT-002-11 Basement Flooding Prevention Subsidy Program |

| | |
|-----------------------------------|-------------------------|
| Project Comments/Reference | Version Comments |
| 7169001 | |

| Project Forecast | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------------------|-------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------|-----------|-----------|---|------|---------|---------|---|------|-----------|-----------|---|------|-----------|-----------|---|------|-----------|-----------|---|------|-----------|-----------|---|-------|-----------|-----------|---|--|-------------------|-------------------|----------|--|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-----------------------------------|--|--|--|--|--|--|--|--|--|-----------|---------|-----------|-----------|-----------|-----------|-----------|------------|--------------|------------------|----------------|------------------|------------------|------------------|------------------|------------------|-------------------|-----------------|--|--|--|--|--|--|--|--|---------------------|--|--|--|--|--|--|--|--|--|-----------|---------|-----------|-----------|-----------|-----------|-----------|------------|--------------|------------------|----------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>2,700,000</td><td>2,700,000</td><td>0</td></tr> <tr><td>2019</td><td>640,000</td><td>640,000</td><td>0</td></tr> <tr><td>2020</td><td>1,100,000</td><td>1,100,000</td><td>0</td></tr> <tr><td>2021</td><td>2,250,000</td><td>2,250,000</td><td>0</td></tr> <tr><td>2022</td><td>2,300,000</td><td>2,300,000</td><td>0</td></tr> <tr><td>2023</td><td>2,300,000</td><td>2,300,000</td><td>0</td></tr> <tr><td>2024+</td><td>3,600,000</td><td>3,600,000</td><td>0</td></tr> <tr><td></td><td>14,890,000</td><td>14,890,000</td><td>0</td></tr> </tbody> </table> | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2018 | 2,700,000 | 2,700,000 | 0 | 2019 | 640,000 | 640,000 | 0 | 2020 | 1,100,000 | 1,100,000 | 0 | 2021 | 2,250,000 | 2,250,000 | 0 | 2022 | 2,300,000 | 2,300,000 | 0 | 2023 | 2,300,000 | 2,300,000 | 0 | 2024+ | 3,600,000 | 3,600,000 | 0 | | 14,890,000 | 14,890,000 | 0 | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>2,700,000</td> <td>640,000</td> <td>1,100,000</td> <td>2,250,000</td> <td>2,300,000</td> <td>2,300,000</td> <td>3,600,000</td> <td>14,890,000</td> </tr> <tr> <td>Total</td> <td>2,700,000</td> <td>640,000</td> <td>1,100,000</td> <td>2,250,000</td> <td>2,300,000</td> <td>2,300,000</td> <td>3,600,000</td> <td>14,890,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>028 Sewer Surcharge</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>2,700,000</td> <td>640,000</td> <td>1,100,000</td> <td>2,250,000</td> <td>2,300,000</td> <td>2,300,000</td> <td>3,600,000</td> <td>14,890,000</td> </tr> <tr> <td>Total</td> <td>2,700,000</td> <td>640,000</td> <td>1,100,000</td> <td>2,250,000</td> <td>2,300,000</td> <td>2,300,000</td> <td>3,600,000</td> <td>14,890,000</td> </tr> </tbody> </table> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5410 Construction Contracts - TCA | | | | | | | | | | 2,700,000 | 640,000 | 1,100,000 | 2,250,000 | 2,300,000 | 2,300,000 | 3,600,000 | 14,890,000 | Total | 2,700,000 | 640,000 | 1,100,000 | 2,250,000 | 2,300,000 | 2,300,000 | 3,600,000 | 14,890,000 | Revenues | | | | | | | | | 028 Sewer Surcharge | | | | | | | | | | 2,700,000 | 640,000 | 1,100,000 | 2,250,000 | 2,300,000 | 2,300,000 | 3,600,000 | 14,890,000 | Total | 2,700,000 | 640,000 | 1,100,000 | 2,250,000 | 2,300,000 | 2,300,000 | 3,600,000 | 14,890,000 |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 2,700,000 | 2,700,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 640,000 | 640,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 1,100,000 | 1,100,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 2,250,000 | 2,250,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 2,300,000 | 2,300,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 2,300,000 | 2,300,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 3,600,000 | 3,600,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 14,890,000 | 14,890,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2,700,000 | 640,000 | 1,100,000 | 2,250,000 | 2,300,000 | 2,300,000 | 3,600,000 | 14,890,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 2,700,000 | 640,000 | 1,100,000 | 2,250,000 | 2,300,000 | 2,300,000 | 3,600,000 | 14,890,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 028 Sewer Surcharge | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2,700,000 | 640,000 | 1,100,000 | 2,250,000 | 2,300,000 | 2,300,000 | 3,600,000 | 14,890,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 2,700,000 | 640,000 | 1,100,000 | 2,250,000 | 2,300,000 | 2,300,000 | 3,600,000 | 14,890,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Historical Approved Budget | | | | | | | | | | | | | | | | | |
|---|---------------|---------------|-----------|--|------|---------------|---------------|-----------|------|-----------|-----------|---|------|-----------|-----------|---|--|
| <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2016</td><td>2,630,000</td><td>2,630,000</td><td>0</td></tr> <tr><td>2017</td><td>2,500,000</td><td>2,500,000</td><td>0</td></tr> </tbody> </table> | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2016 | 2,630,000 | 2,630,000 | 0 | 2017 | 2,500,000 | 2,500,000 | 0 | |
| | | Revenue | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | |
| 2016 | 2,630,000 | 2,630,000 | 0 | | | | | | | | | | | | | | |
| 2017 | 2,500,000 | 2,500,000 | 0 | | | | | | | | | | | | | | |

| Related Projects | Operating Budget Impact | | | | | | | | |
|-------------------------|--|----------------|-------------|-----------|------------|---------|--|---|---|
| | <table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>This project may impact sewer and drain maintenance costs.</td> <td>0</td> <td>0</td> </tr> </tbody> </table> | Effective Date | Description | Exp/(Rev) | FTE Impact | Unknown | This project may impact sewer and drain maintenance costs. | 0 | 0 |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | |
| Unknown | This project may impact sewer and drain maintenance costs. | 0 | 0 | | | | | | |

| | | | | |
|------------------------|-------------------|------------------------------------|---------------------|-----------------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date |
| 2016 | January 1, 2016 | Growth: 0.0 % Maintenance: 100.0 % | Phong Nguy | Ongoing |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---|
| Project # | OPS-001-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Road Rehabilitation - Various Locations Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

Project Description
 Citywide rehabilitation and reconstruction of existing paved roads comprises of 1,069 km (2,376 lane km) including the E.C. Row Expressway. As of June 2017, 20% of the road system is rated 'Now' Deficient. The estimated replacement value of roads is approximately \$1.99 billion. To prevent further deterioration of the roads, a minimum annual expenditure of \$50 - \$60 million is required. Industry standard life cycle is 35 years, thus this maintenance is an ongoing perpetual cost. Specific projects are to be approved by Council prior to proceeding. It should be noted that years 2018 and beyond are based on current assessed condition and applied asset management.

Version Description
 2018: Citywide Rehab (excl EC Row Rehab) = \$6,387,000 / EC Row Rehab = \$2,500,000
 2019: Citywide Rehab (excl EC Row Rehab) = \$8,000,000 / EC Row Rehab = \$1,239,090
 2020: Citywide Rehab (excl EC Row Rehab) = \$8,877,000 / EC Row Rehab = \$0
 2021: Citywide Rehab (excl EC Row Rehab) = \$7,000,000 / EC Row Rehab = \$1,000,000
 2022: Citywide Rehab (excl EC Row Rehab) = \$7,000,000 / EC Row Rehab = \$1,000,000
 2023: Citywide Rehab (excl EC Row Rehab) = \$7,000,000 / EC Row Rehab = \$1,000,000
 Note: Sewer and watermain information need to be taken into consideration prior to commencing any project. This includes consideration of any construction plans by utility companies as well as any change in dictated priorities that may ensue as time goes by.

Project Comments/Reference
 See Document Attached
 (Closed: 7081001, 7091002, 7101001, 7111001, 7121001)
 Active: 7122000 - St. Rose, 7131110, 7141025, 7151003, 7161027, 7161050, 7171016/7181024

Version Comments
 M329-2014 Include reconstruction of the 900 block of Louis Ave. to be part of city's 1-5 year capital budget. As a result Louis Ave.- Erie to Niagara has been included in the year 2019 as per document attached.

| Project Forecast | | Revenue | |
|------------------|-------------------|-------------------|-----------|
| Year | Total Expense | Net City Cost | Subsidies |
| 2018 | 8,887,000 | 8,887,000 | 0 |
| 2019 | 9,239,090 | 9,239,090 | 0 |
| 2020 | 8,877,000 | 8,877,000 | 0 |
| 2021 | 8,000,000 | 8,000,000 | 0 |
| 2022 | 8,000,000 | 8,000,000 | 0 |
| 2023 | 8,000,000 | 8,000,000 | 0 |
| 2024+ | 14,000,000 | 14,000,000 | 0 |
| | 65,003,090 | 65,003,090 | 0 |

| Project Detailed Forecast | | | | | | | | |
|-----------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Expenses | | | | | | | | |
| 5410 Construction Contracts - TCA | | | | | | | | |
| | 8,887,000 | 9,239,090 | 8,877,000 | 8,000,000 | 8,000,000 | 8,000,000 | 14,000,000 | 65,003,090 |
| Total | 8,887,000 | 9,239,090 | 8,877,000 | 8,000,000 | 8,000,000 | 8,000,000 | 14,000,000 | 65,003,090 |
| Revenues | | | | | | | | |
| 176 Federal Gas Tax Rebate | | | | | | | | |
| | 8,887,000 | 9,239,090 | 8,877,000 | 8,000,000 | 8,000,000 | 8,000,000 | 14,000,000 | 65,003,090 |
| Total | 8,887,000 | 9,239,090 | 8,877,000 | 8,000,000 | 8,000,000 | 8,000,000 | 14,000,000 | 65,003,090 |

| Historical Approved Budget | | Revenue | |
|----------------------------|---------------|---------------|-----------|
| Year | Total Expense | Net City Cost | Subsidies |
| 2007 | 4,450,000 | 4,450,000 | 0 |
| 2008 | 10,658,000 | 10,658,000 | 0 |
| 2009 | 16,200,000 | 16,200,000 | 0 |
| 2010 | 16,200,000 | 16,200,000 | 0 |
| 2011 | 8,217,000 | 8,217,000 | 0 |
| 2012 | 2,404,300 | 904,300 | 1,500,000 |
| 2013 | 4,000,000 | 4,000,000 | 0 |
| 2014 | 7,637,000 | 7,637,000 | 0 |
| 2015 | 6,364,810 | 6,364,810 | 0 |
| 2016 | 7,787,000 | 7,787,000 | 0 |
| 2017 | 7,787,000 | 7,787,000 | 0 |

| Related Projects | | | Operating Budget Impact | | |
|------------------|-----------------|------------------------------------|-------------------------|---|----------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | |
| 2007 | January 1, 2015 | Growth: 0.0 % Maintenance: 100.0 % | Phong Nguy / Wade Bondy | Ongoing | |
| | | | Effective Date | Description | Exp/(Rev) FTE Impact |
| | | | Unknown | Any budget deferral in approved funding will result in an increase in the operating budget for temporary road repairs and patching. | 0 0 |

| PROPOSED 2018 ROAD REHABILITATION PROGRAM | | | | |
|--|---------------|------------------|------------------------|---------------------|
| ITEM NO. | STREET | FROM | TO | REHAB. TYPE |
| 1 | HALPIN RD | MULBERRY RD | WILDWOOD DR | M |
| 2 | PARK ST W | BRUCE AVE | CARON AVE | R |
| 3 | DEVON DRIVE | SOUTH SERVICE RD | SYDNEY AVE | R |
| 4 | LONSDALE CRES | DEERBROOK DR | DEERBROOK DR | M |
| 5 | HALSTEAD CRES | DEERBROOK DR | DEERBROOK DR | M |
| 6 | PALMS CRES | DEERBROOK DR | DEERBROOK DR | M |
| 7 | DOLPHIN CRT | PALMS CRES | WESTERLY TO CUL-DE-SAC | M |
| 8 | TECUMSEH RD W | PARTINGTON AVE | HURON CHURCH | R |
| 9 | EUGENIE ST | OUELLETTE AVE | HOWARD AVE | M |
| 10 | ALTEN DR. | REGIS AVE | ASHLAND DR. | M |
| 11 | ASHLAND DR. | REGIS AVE. | BEACHDALE RD. | M |
| 12 | BEACHDALE RD. | ESPLANADE DR | WILDWOOD DR. | M |
| 13 | REGIS AVE. | BEACHDALE RD. | WILDWOOD DR. | M |
| 14 | RYERSON RD. | REGIS AVE. | ASHLAND DR. | M |
| TOTAL CITY WIDE REHABILITATION | | | \$ | 6,387,000.00 |
| E.C. ROW REHABILITATION | | | \$ | 2,500,000.00 |
| TOTAL PROGRAM BUDGET | | | \$ | 8,887,000.00 |

| | |
|--------------|---|
| M | Mill and Pave |
| R | Full Road Reconstruction |
| M/R | Mill & Pave AND Road Reconstruction |
| PN | Panel / Joint repairs |
| LIP** | Rehabilitation after completion of Local Improvement |

NOTE: Road Segments may be reprioritized in coordination with WUC watermain projects and budgets
****LIP = SUBJECT TO EXHAUSTION OF LOCAL IMPROVEMENT PROCESS AS PER M39-2014**

| PROPOSED 2019 ROAD REHABILITATION PROGRAM | | | | |
|--|-----------------|----------------|--------------|---------------------|
| ITEM NO. | STREET | FROM | TO | REHAB. TYPE |
| 1 | ELLIS ST | GLADSTONE AVE | PARENT AVE | R |
| 2 | LOUIS AVE | ERIE ST | NIAGARA ST | R |
| 3 | COLLEGE AVE | WELLINGTON AVE | CRAWFORD AVE | R |
| 4 | WINDERMERE RD | TECUMSEH RD E | VIMY AVE | M |
| 5 | WINDERMERE RD | VIMY AVE | YPRES AVE | R |
| 6 | GRAND MARAIS RD | DOMINION BLVD | DOUGALL AVE | R |
| 7 | PETER ST | SOUTH ST | JOHN B ST | R |
| 8 | PETER ST | DETROIT ST | BROCK ST | R |
| TOTAL CITY WIDE REHABILITATION | | | \$ | 8,000,000.00 |
| E.C. ROW REHABILITATION | | | \$ | 1,239,090.00 |
| TOTAL PROGRAM BUDGET | | | \$ | 9,239,090.00 |

| | |
|--------------|---|
| M | Mill and Pave |
| R | Full Road Reconstruction |
| M/R | Mill & Pave AND Road Reconstruction |
| PN | Panel / Joint repairs |
| LIP** | Rehabilitation after completion of Local Improvement |

NOTE: Road Segments may be reprioritized in coordination with WUC watermain projects and budgets
****LIP = SUBJECT TO EXHAUSTION OF LOCAL IMPROVEMENT PROCESS AS PER M39-2014**

| PROPOSED 2020 ROAD REHABILITATION PROGRAM | | | | |
|--|----------------|-----------------|----------------|---------------------|
| ITEM NO. | STREET | FROM | TO | REHAB. TYPE |
| 1 | HUNTINGTON AVE | GRANADA AVE | CABANA RD | M |
| 2 | FOCH AVE | MCDUGALL ST | HOWARD AVE | M |
| 3 | LOGAN AVE | MCDUGALL ST | HOWARD AVE | R |
| 4 | MERCER ST | TECUMSEH RD E | S. OF FOCH AVE | R |
| 5 | HOWARD AVE | TECUMSEH RD E | S. OF FOCH AVE | PN |
| 6 | LINCOLN RD | NIAGARA ST | OTTAWA ST | M |
| 7 | LINCOLN RD | ASSUMPTION ST | WYANDOTTE ST E | R |
| 8 | LEDYARD AVE | WALKER RD | WOODWARD AVE | LIP |
| 9 | BYNG RD | LEDYARD AVE | DIVISION RD | LIP |
| 10 | TURNER RD | LEDYARD AVE | DIVISION RD | LIP |
| 11 | LONGFELLOW AVE | WEST GRAND BLVD | CABANA RD | M |
| 12 | TURNER RD | CALDERWOOD AVE | FOSTER AVE | LIP |
| 13 | SOMME AVE | FRANCOIS RD | ARTHUR RD | M |
| 14 | RIBERDY RD | FOSTER AVE | MELINDA CRT | LIP |
| 15 | RANDOLPH AVE | RIVERSIDE DR W | UNIVERSITY AVE | R |
| 16 | MILL ST | RUSSELL ST | SANDWICH ST | R |
| TOTAL CITY WIDE REHABILITATION | | | \$ | 8,877,000.00 |
| E.C. ROW REHABILITATION | | | \$ | - |
| TOTAL PROGRAM BUDGET | | | \$ | 8,877,000.00 |

| | |
|--------------|---|
| M | Mill and Pave |
| R | Full Road Reconstruction |
| M/R | Mill & Pave AND Road Reconstruction |
| PN | Panel / Joint repairs |
| LIP** | Rehabilitation after completion of Local Improvement |

NOTE: Road Segments may be reprioritized in coordination with WUC watermain projects and budgets
****LIP = SUBJECT TO EXHAUSTION OF LOCAL IMPROVEMENT PROCESS AS PER M39-2014**

| PROPOSED 2021 ROAD REHABILITATION PROGRAM | | | | |
|--|--------------------|--------------------|--------------------|---------------------|
| ITEM NO. | STREET | FROM | TO | REHAB. TYPE |
| 1 | TECUMSEH RD E | HIGHLAND AVE | HOWARD AVE | PN |
| 2 | LONGFELLOW AVENUE | ALEXANDRA AVENUE | LABELLE STREET | M |
| 3 | ALEXANDRA AVENUE | EC ROW | GRAND MARAIS ROAD | M |
| 4 | ACADEMY DRIVE | EC ROW | GRAND MARAIS ROAD | M |
| 5 | DANDURAND AVENUE | EC ROW | GRAND MARAIS ROAD | M |
| 6 | VIRGINIA PARK AVE | EC ROW | GRAND MARAIS ROAD | LIP |
| 7 | LABELLE STREET | ROCKWELL AVENUE | ALEXANDRA AVENUE | R |
| 8 | LABELLE STREET | ALEXANDRA AVENUE | DOMINION BOULEVARD | M |
| 9 | LAUZON PARKWAY | FOREST GLADE DRIVE | TECUMSEH ROAD | PN |
| 10 | TECUMSEH ROAD EAST | WALKER RD | DROUILLARD RD | R/M |
| TOTAL CITY WIDE REHABILITATION | | | \$ | 7,000,000.00 |
| E.C. ROW REHABILITATION | | | \$ | 1,000,000.00 |
| TOTAL PROGRAM BUDGET | | | \$ | 8,000,000.00 |

| | |
|--------------|---|
| M | Mill and Pave |
| R | Full Road Reconstruction |
| M/R | Mill & Pave AND Road Reconstruction |
| PN | Panel / Joint repairs |
| LIP** | Rehabilitation after completion of Local Improvement |

NOTE: Road Segments may be reprioritized in coordination with WUC watermain projects and budgets

****LIP = SUBJECT TO EXHAUSTION OF LOCAL IMPROVEMENT PROCESS AS PER M39-2014**

| PROPOSED 2022 ROAD REHABILITATION PROGRAM | | | | |
|--|-------------------|-------------------|-------------------|---------------------|
| ITEM NO. | STREET | FROM | TO | REHAB. TYPE |
| 1 | LIBERTY ST | DOUGALL AVE | VICTORIA AVE | R |
| 2 | CRAWFORD AVE | RIVERSIDE DR | WYANDOTTE ST | M |
| 3 | CRAWFORD AVE | WYANDOTTE ST | TECUMSEH RD | R |
| 4 | OAK AVE | RIVERSIDE DR | UNIVERSITY | M |
| 5 | WESTMINSTER BLVD | TECUSMEH RD | ADSTOLL AVE | R |
| 6 | ROONEY ST | CAMPBELL AVE | PARTINGTON AVE | R |
| 7 | LANGLOIS CRT | GRAND MARAIS RD | CUL-DE-SAC | M |
| 8 | LANGLOIS CRT | N OF STANLEY | S OF STANLEY | M |
| 9 | JACOB DR | STANLEY ST | STANLEY ST | M |
| 10 | STANLEY ST | JACOB DR | SOUTH PACIFIC AVE | M |
| 11 | SOUTH PACIFIC AVE | PARENT AVE | LIONEL DR | M |
| 12 | LIONEL DR | SOUTH PACIFIC AVE | WAVERLY ST | M |
| 13 | WAVERLY ST | LANGLOIS CRT | LIONEL DR | M |
| TOTAL CITY WIDE REHABILITATION | | | \$ | 7,000,000.00 |
| E.C. ROW REHABILITATION | | | \$ | 1,000,000.00 |
| TOTAL PROGRAM BUDGET | | | \$ | 8,000,000.00 |

| | |
|--------------|---|
| M | Mill and Pave |
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NOTE: Road Segments may be reprioritized in coordination with WUC watermain projects and budgets
****LIP = SUBJECT TO EXHAUSTION OF LOCAL IMPROVEMENT PROCESS AS PER M39-2014**

| PROPOSED 2023 ROAD REHABILITATION PROGRAM | | | | |
|--|------------------|-----------------|---------------|---------------------|
| ITEM NO. | STREET | FROM | TO | REHAB. TYPE |
| 1 | S/B GLENDALE AVE | EMPRESS ST | TECUMSEH RD | R |
| 2 | CORONATION AVE | FERNDALE AVE | BALFOUR BLVD | R |
| 3 | ROCKWELL BLVD | WEST GRAND BLVD | CUL-DE-SAC | R |
| 4 | GARDEN CRT | EDGAR AVE | HOMEDALE BLVD | M |
| 5 | CARON AVE | UNIVERSITY AVE | WYANDOTTE AVE | M |
| 6 | ELLIS ST E | ELSMERE AVE | PARENT AVE | R |
| 7 | GOYEAU BLVD | ERIE ST | ELLIOTT ST | M |
| 8 | HURON CHURCH RD | COLLEGE AVE | TECUMSEH RD | PN |
| TOTAL CITY WIDE REHABILITATION | | | \$ | 7,000,000.00 |
| E.C. ROW REHABILITATION | | | \$ | 1,000,000.00 |
| TOTAL PROGRAM BUDGET | | | \$ | 8,000,000.00 |

| | |
|--------------|---|
| M | Mill and Pave |
| R | Full Road Reconstruction |
| M/R | Mill & Pave AND Road Reconstruction |
| PN | Panel / Joint repairs |
| LIP** | Rehabilitation after completion of Local Improvement |

NOTE: Road Segments may be reprioritized in coordination with WUC watermain projects and budgets

****LIP = SUBJECT TO EXHAUSTION OF LOCAL IMPROVEMENT PROCESS AS PER M39-2014**



Project Version Summary

Project # OPS-001-11 **Service Area** Office of the City Engineer
Budget Year 2018 **Department** Public Works
Asset Type Unassigned **Division** Contracts, Field Services & Maintenance

Title Minor Alley Maintenance Program
Budget Status Council Approved Budget
Major Category Roads
Wards City Wide
Version Name Main (Active)

| Project Description | | | Version Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|------------------------------------|--|---------|-----------|-----------------------------|---------|---------------|---------------|----------------|-------------|-----------|------------|---------|--|---------|---------|---|------|---------|---------|---|------|---------|---------|---|------|-----------|-----------|---|------|---------|---------|---|-------|---------|---------|---|--|------------------|------------------|----------|--|--|--|--|--|--|--|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|------|------------------------------|--|--|--|--|--|--|--|--|---------|---------|---------|---------|-----------|---------|---------|-----------|-------|---------|---------|---------|---------|-----------|---------|---------|-----------|-----------------|--|--|--|--|--|--|--|--|-----|---------------------------------|--|--|--|--|--|--|--|--|---------|---------|---------|---------|-----------|---------|---------|-----------|-------|---------|---------|---------|---------|-----------|---------|---------|-----------|
| The City has 80 kms of paved alleyways, primarily in the older sections of the City, which serve as part of the public right of way. This pavement degrades over time and requires periodic replacement and repairs. As of June 2017, 30.84 kms of paved alley are "now" deficient, 23.68 kms will be "now" deficient in 1 - 5 years, 13.06 kms will be "now" deficient in 6 - 10 years, and 11.94 kms are considered "adequate". | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | Version Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7121000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2019</td><td>200,000</td><td>200,000</td><td>0</td></tr> <tr><td>2020</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2021</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2022</td><td>1,100,000</td><td>1,100,000</td><td>0</td></tr> <tr><td>2023</td><td>250,000</td><td>250,000</td><td>0</td></tr> <tr><td>2024+</td><td>500,000</td><td>500,000</td><td>0</td></tr> <tr><td></td><td>2,350,000</td><td>2,350,000</td><td>0</td></tr> </tbody> </table> | | | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2018 | 100,000 | 100,000 | 0 | 2019 | 200,000 | 200,000 | 0 | 2020 | 100,000 | 100,000 | 0 | 2021 | 100,000 | 100,000 | 0 | 2022 | 1,100,000 | 1,100,000 | 0 | 2023 | 250,000 | 250,000 | 0 | 2024+ | 500,000 | 500,000 | 0 | | 2,350,000 | 2,350,000 | 0 | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5410</td> <td colspan="8">Construction Contracts - TCA</td> </tr> <tr> <td></td> <td>100,000</td> <td>200,000</td> <td>100,000</td> <td>100,000</td> <td>1,100,000</td> <td>250,000</td> <td>500,000</td> <td>2,350,000</td> </tr> <tr> <td>Total</td> <td>100,000</td> <td>200,000</td> <td>100,000</td> <td>100,000</td> <td>1,100,000</td> <td>250,000</td> <td>500,000</td> <td>2,350,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169</td> <td colspan="8">Pay As You Go - Capital Reserve</td> </tr> <tr> <td></td> <td>100,000</td> <td>200,000</td> <td>100,000</td> <td>100,000</td> <td>1,100,000</td> <td>250,000</td> <td>500,000</td> <td>2,350,000</td> </tr> <tr> <td>Total</td> <td>100,000</td> <td>200,000</td> <td>100,000</td> <td>100,000</td> <td>1,100,000</td> <td>250,000</td> <td>500,000</td> <td>2,350,000</td> </tr> </tbody> </table> | | | | | | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5410 | Construction Contracts - TCA | | | | | | | | | 100,000 | 200,000 | 100,000 | 100,000 | 1,100,000 | 250,000 | 500,000 | 2,350,000 | Total | 100,000 | 200,000 | 100,000 | 100,000 | 1,100,000 | 250,000 | 500,000 | 2,350,000 | Revenues | | | | | | | | | 169 | Pay As You Go - Capital Reserve | | | | | | | | | 100,000 | 200,000 | 100,000 | 100,000 | 1,100,000 | 250,000 | 500,000 | 2,350,000 | Total | 100,000 | 200,000 | 100,000 | 100,000 | 1,100,000 | 250,000 | 500,000 | 2,350,000 |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 200,000 | 200,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 1,100,000 | 1,100,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 250,000 | 250,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 500,000 | 500,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2,350,000 | 2,350,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5410 | Construction Contracts - TCA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 100,000 | 200,000 | 100,000 | 100,000 | 1,100,000 | 250,000 | 500,000 | 2,350,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 100,000 | 200,000 | 100,000 | 100,000 | 1,100,000 | 250,000 | 500,000 | 2,350,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 100,000 | 200,000 | 100,000 | 100,000 | 1,100,000 | 250,000 | 500,000 | 2,350,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 100,000 | 200,000 | 100,000 | 100,000 | 1,100,000 | 250,000 | 500,000 | 2,350,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2014</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2016</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2017</td><td>100,000</td><td>100,000</td><td>0</td></tr> </tbody> </table> | | | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2014 | 100,000 | 100,000 | 0 | 2016 | 100,000 | 100,000 | 0 | 2017 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2014 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2016 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2017 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | Operating Budget Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | <table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>Any budget deferral in approved funding will result in increased operating costs for temporary repairs and patching as required.</td> <td>0</td> <td>0</td> </tr> </tbody> </table> | | | | | | | Effective Date | Description | Exp/(Rev) | FTE Impact | Unknown | Any budget deferral in approved funding will result in increased operating costs for temporary repairs and patching as required. | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unknown | Any budget deferral in approved funding will result in increased operating costs for temporary repairs and patching as required. | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | Est. Completion Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2011 | January 1, 2016 | Growth: 0.0 % Maintenance: 100.0 % | Phong Nguy | | | Ongoing | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|-------------------------------------|---------------------|---|
| Project # | OPS-002-10 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Civic Gateway Corridor Enhancements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | Ward 10 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|-------------------------------------|--|----------------------------|-------------|-----------------------------|-------------|------------------|-------------|-------------------|----------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| The corridors of Dougall Avenue, Howard Avenue, and Huron Church Road represent gateways to the community. Aesthetic improvements to the structures at westbound E.C. Row Expressway as well as at the Ouellette Avenue overpass of CPR/ETR will provide continuity and enhancement of appearance for those travelling these routes. | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 200,000 | 200,000 | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2024+ | 200,000 | 200,000 | 0 | | | | | | | | | 200,000 | 200,000 | | |
| | 200,000 | 200,000 | 0 | Revenues | | | | | | | | | | | |
| | | | | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | |
| | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 200,000 | 200,000 | | |
| | | | | | | Total | 0 | 0 | 0 | 0 | 0 | 200,000 | 200,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Related Projects | | | | Effective Date | | Description | | | | Exp/(Rev) | | FTE Impact | | | |
| | | | | Unknown | | No Operating Budget Impact | | | | 0 | | 0 | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2010 | January 1, 2024 | Growth: 0.0 % Maintenance: 0.0 % | | Phong Nguy | | | | 2024+ | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|---|
| Project # | OPS-002-11 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Minor Road Deficiencies Rehabilitation Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

Project Description
 The rehabilitation of the city's roadways is performed on a life cycle basis and subject to available funding in Project OPS-001-07 (Citywide Road Rehabilitation). This work tends to be done on entire sections of a roadway (i.e. Ouellette Avenue from Erie Street to Giles Blvd.) In some instances, however, significant repairs to roadways are required that are too small to be assigned to the annual OPS-001-07 rehab. cycle but large enough to put the ROW Maintenance operating budget under strain. The Minor Road Rehab. project addresses these types of pavement repairs and allow the ROW Maintenance operating budget to focus on potholes and other small right of way repairs. Also included in this program is the routing and sealing of cracks in asphalt, spray patching, and pavement and concrete road panel repairs to extend the life cycle where possible.

Version Description
 CR131/2014, Report #17162 approved a new Municipal Funding Agreement for the Gas Tax Funds in the years 2014-2018. As a result, additional Gas Tax funds received are allocated to this project freeing up F169 Pay-As-You-Go funds earmarked for Fire Hall #6.

Project Comments/Reference
 7111023

Version Comments

| Project Forecast | | Revenue | |
|------------------|------------------|------------------|-----------|
| Year | Total Expense | Net City Cost | Subsidies |
| 2018 | 140,000 | 140,000 | 0 |
| 2019 | 400,000 | 400,000 | 0 |
| 2020 | 250,000 | 250,000 | 0 |
| 2021 | 250,000 | 250,000 | 0 |
| 2022 | 250,000 | 250,000 | 0 |
| 2023 | 750,000 | 750,000 | 0 |
| 2024+ | 3,750,000 | 3,750,000 | 0 |
| | 5,790,000 | 5,790,000 | 0 |

| Project Detailed Forecast | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
|---------------------------|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|------------------|
| Expenses | | | | | | | | | |
| 5410 | Construction Contracts - TCA | 140,000 | 400,000 | 250,000 | 250,000 | 250,000 | 750,000 | 3,750,000 | 5,790,000 |
| | Total | 140,000 | 400,000 | 250,000 | 250,000 | 250,000 | 750,000 | 3,750,000 | 5,790,000 |
| Revenues | | | | | | | | | |
| 169 | Pay As You Go - Capital Reserve | 0 | 5,000 | 93,484 | 250,000 | 250,000 | 750,000 | 3,750,000 | 5,098,484 |
| 176 | Federal Gas Tax Rebate | 140,000 | 395,000 | 156,516 | 0 | 0 | 0 | 0 | 691,516 |
| | Total | 140,000 | 400,000 | 250,000 | 250,000 | 250,000 | 750,000 | 3,750,000 | 5,790,000 |

| Historical Approved Budget | | Revenue | |
|----------------------------|---------------|---------------|-----------|
| Year | Total Expense | Net City Cost | Subsidies |
| 2011 | 500,000 | 500,000 | 0 |
| 2012 | 500,000 | 500,000 | 0 |
| 2013 | 250,000 | 250,000 | 0 |
| 2014 | 550,000 | 550,000 | 0 |
| 2015 | 539,000 | 539,000 | 0 |
| 2016 | 250,000 | 250,000 | 0 |
| 2017 | 250,000 | 250,000 | 0 |

| Related Projects | | | Operating Budget Impact | | |
|------------------|-----------------|------------------------------------|-------------------------|---|----------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | |
| 2011 | January 1, 2015 | Growth: 0.0 % Maintenance: 100.0 % | Phong Nguy | Ongoing | |
| | | | Effective Date | Description | Exp/(Rev) FTE Impact |
| | | | Unknown | Any budget deferral in approved funding will result in increased operating costs for temporary repairs, patching and unscheduled maintenance as required. | 0 0 |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---|
| Project # | OPS-002-14 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Enhanced Capital Budget Road Rehabilitation Placeholder | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | |
|---|----------------------|------------------------------------|------------------|---|-------------|--|-------------|-----------------------------|-------------|-------------|--------------|--------------|--|--|--|------------------|-------------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | |
| As per the 2014 Enhanced Capital Plan, Council approved in principle funds from the 2018 Debt Reduction Levy for road rehabilitation. | | | | As per CR89/2014, Report #17088, Council formerly approved the Road Rehabilitation project allocation. Funding for Huron Church has been identified to accumulate sufficient funding for the project to begin. Administration is waiting on a grant application decision for funding through the "Connecting Links" program submitted in November 2017 per CR628/2017. | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | |
| 7145004/7143001 | | | | As per CR628/2017, an amount of \$3,417,000 is to cover the city's contribution under the Connecting Links grant program. | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | |
| 2018 | 5,489,000 | 5,489,000 | 0 | Expenses | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | 5,489,000 0 0 0 0 0 0 5,489,000 | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | Total 5,489,000 0 0 0 0 0 0 5,489,000 | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | 5,489,000 0 0 0 0 0 0 5,489,000 | | | | | | | | | | | | | | | |
| | 5,489,000 | 5,489,000 | 0 | Total 5,489,000 0 0 0 0 0 0 5,489,000 | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | |
| Related Projects | | | | Effective Date | | Description | | | | | | | | | | Exp/(Rev) | FTE Impact | | |
| | | | | Unknown | | Any budget deferral in approved funding will result in increased operating costs for temporary repairs, patching, and unscheduled maintenance as required. | | | | | | | | | | 0 | 0 | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | | | | | |
| 2014 | October 1, 2014 | Growth: 0.0 % Maintenance: 100.0 % | | Phong Nguy | | | | 2018 | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|-------------------------------|---------------------|---|
| Project # | OPS-003-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Bridge Rehabilitation Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| <p>Project Description</p> <p>Ongoing maintenance and rehabilitation of existing bridges throughout the City, including bridges for roadways, railways, streams and drains and pedestrian bridges. The program funds rehabilitation of 59 bridges, 11 culverts with spans greater than 3m, 6 pedestrian bridges, and 1 subway. An annual expenditure of \$7-\$12 million is required to replace these bridges on a 50 to 75 year cycle.</p> <p>Note: List may change subject to ongoing OSIM investigations as well as the results of Structural Condition Surveys. In addition, unexpected failures of structures may occur which would require reprioritization of rehabilitation.</p> | <p>Version Description</p> <p>2018: \$2.5 million - Riverside at Little River (#157), CN at W/B Collector (#146), Mark @ EC Row (#301), Academy @ EC Row (#302), Glenwood @ Grand Marais Drain (#304)</p> <p>2019: \$3.2 million - CN at E/B Collector (#144), Curry at Grand Marais Drain (#118), University at CPR (#114)</p> <p>2020: \$3.0 million - EC Row at Dominion W/B (#116), EC Row at Dominion E/B (#117), Riverside at CPR (#113)</p> <p>2021: \$3.034 million - Various Structures being reviewed for priority</p> <p>2022: \$4.0 million - Various Structures being reviewed for priority</p> <p>2023: \$5.0 million - Various structures being reviewed for priority</p> <p>Note: the Wyandotte at CPR (#206) structure was originally slotted in for full rehabilitation in 2022 at a cost of approximately \$15.0 million. A minor rehabilitation is being completed in 2017 that will allow the full rehabilitation to be deferred 10-years from completion, 2027.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---------------|-------------|---------|--|--|-------|---------------|-----------|------|-----------|-----------|-----|------|-----------|-----------|-----|------|-------------|-------------|-----|------|-------------|-------------|-----|------|-----------|-----------|-----|------|-----|-----|-----|------|-----|-----|-----|------|-------------|-------------|-------------|------|-------------|-------------|-----|
| <p>Project Comments/Reference</p> <p>E.C. ROW PROJECTS: (Closed: 7081025/7091023/7091024/7111003/7101004/7101011/7111021/7141026/7141027/7141047/7151009/7151002)</p> <p>BRIDGE PROJECTS: (Closed: 7081025 / 7091024 / 7101004 / 7111003/ 7141047 / 7151009) Active: 7161028/7171018/7181022</p> | <p>Version Comments</p> <p>NOTE: The E.C. Row Rehabilitation Project OPS-002-07 has now been closed. The budget requests for rehabilitation work for bridges/structures on E.C. Row have been consolidated into the existing city-wide bridge rehabilitation project OPS-003-07 and requests for rehabilitation work for the E.C. Row roadway have been consolidated into the existing city-wide road rehabilitation project OPS-001-07.</p> <p>HISTORICAL APPROVED BUDGETS - E.C. ROW REHABILITATION (OPS002-07):</p> <table border="1"> <thead> <tr> <th></th> <th>EXPENSE</th> <th colspan="2">REVENUE</th> </tr> <tr> <th></th> <th>Total</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr> <td>2007</td> <td>\$500,000</td> <td>\$500,000</td> <td>\$0</td> </tr> <tr> <td>2008</td> <td>\$500,000</td> <td>\$500,000</td> <td>\$0</td> </tr> <tr> <td>2009</td> <td>\$1,000,000</td> <td>\$1,000,000</td> <td>\$0</td> </tr> <tr> <td>2010</td> <td>\$1,000,000</td> <td>\$1,000,000</td> <td>\$0</td> </tr> <tr> <td>2011</td> <td>\$600,000</td> <td>\$600,000</td> <td>\$0</td> </tr> <tr> <td>2012</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> </tr> <tr> <td>2013</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> </tr> <tr> <td>2014</td> <td>\$6,000,000</td> <td>\$4,000,000</td> <td>\$2,000,000</td> </tr> <tr> <td>2015</td> <td>\$3,000,000</td> <td>\$3,000,000</td> <td>\$0</td> </tr> </tbody> </table> | | EXPENSE | REVENUE | | | Total | Net City Cost | Subsidies | 2007 | \$500,000 | \$500,000 | \$0 | 2008 | \$500,000 | \$500,000 | \$0 | 2009 | \$1,000,000 | \$1,000,000 | \$0 | 2010 | \$1,000,000 | \$1,000,000 | \$0 | 2011 | \$600,000 | \$600,000 | \$0 | 2012 | \$0 | \$0 | \$0 | 2013 | \$0 | \$0 | \$0 | 2014 | \$6,000,000 | \$4,000,000 | \$2,000,000 | 2015 | \$3,000,000 | \$3,000,000 | \$0 |
| | EXPENSE | REVENUE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Total | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2007 | \$500,000 | \$500,000 | \$0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2008 | \$500,000 | \$500,000 | \$0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2009 | \$1,000,000 | \$1,000,000 | \$0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2010 | \$1,000,000 | \$1,000,000 | \$0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2011 | \$600,000 | \$600,000 | \$0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2012 | \$0 | \$0 | \$0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2013 | \$0 | \$0 | \$0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2014 | \$6,000,000 | \$4,000,000 | \$2,000,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2015 | \$3,000,000 | \$3,000,000 | \$0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
|----------------------------|-------------------|------------------------------------|--------------|---------------------------|---|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|--|--|
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 2,500,000 | 2,500,000 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | 28,133,000 | | |
| 2019 | 3,200,000 | 3,200,000 | 0 | | 2,500,000 | 3,200,000 | 3,399,000 | 3,034,000 | 4,000,000 | 5,000,000 | 7,000,000 | 28,133,000 | | | |
| 2020 | 3,399,000 | 3,399,000 | 0 | | Total | | | | | | | | 28,133,000 | | |
| 2021 | 3,034,000 | 3,034,000 | 0 | Revenues | | | | | | | | | | | |
| 2022 | 4,000,000 | 4,000,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | 399,000 | | |
| 2023 | 5,000,000 | 5,000,000 | 0 | | 0 | 0 | 399,000 | 0 | 0 | 0 | 0 | 399,000 | | | |
| 2024+ | 7,000,000 | 7,000,000 | 0 | 176 | Federal Gas Tax Rebate | | | | | | | | 27,734,000 | | |
| | 28,133,000 | 28,133,000 | 0 | | 2,500,000 | 3,200,000 | 3,000,000 | 3,034,000 | 4,000,000 | 5,000,000 | 7,000,000 | 27,734,000 | | | |
| | | | | Total | 2,500,000 | 3,200,000 | 3,399,000 | 3,034,000 | 4,000,000 | 5,000,000 | 7,000,000 | 28,133,000 | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | |
| 2007 | 1,550,000 | 1,550,000 | 0 | | | | | | | | | | | | |
| 2008 | 1,450,000 | 1,450,000 | 0 | | | | | | | | | | | | |
| 2009 | 2,500,000 | 2,500,000 | 0 | | | | | | | | | | | | |
| 2010 | 2,379,000 | 2,379,000 | 0 | | | | | | | | | | | | |
| 2011 | 800,000 | 800,000 | 0 | | | | | | | | | | | | |
| 2015 | 500,000 | 500,000 | 0 | | | | | | | | | | | | |
| 2016 | 4,000,000 | 4,000,000 | 0 | | | | | | | | | | | | |
| 2017 | 4,000,000 | 4,000,000 | 0 | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | | |
| | | | | Unknown | Any budget deferral in approved funding will result in increased operating costs for temporary repairs, patching and unscheduled maintenance as required. | | | | | | 0 | 0 | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | |
| 2007 | January 1, 2016 | Growth: 0.0 % Maintenance: 100.0 % | Phong Nguy | Ongoing | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---------------------------------|---------------------|---|
| Project # | OPS-004-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Sidewalk Rehabilitation Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

Project Description

This program covers the rehabilitation of existing sidewalks citywide. There are 934 kms of sidewalks in the City, of which 7 kms are in "Poor" condition and 122 kms are in "Fair" condition. Based on a 40-year replacement cycle, the perpetual annual cost for the preservation of this infrastructure is approximately \$2.4 million. This would be in addition to the approximately \$11.2 million required to address all "Poor" and "Fair" sidewalks and to widen the sidewalks to AODA standards at the time of replacement. From a risk management point of view, funding should be increased to reduce trip and fall claims.

Effective January 1, 2016, the Accessibility for Ontarians with Disabilities Act (AODA) required width of sidewalks to increase from 1.2 meters to 1.5 meters. This increases the cost of sidewalk replacements. As the change is implemented, Administration is including the increased costs in budget projections.

This program also includes Collector and Arterial roads which do not currently meet the City policy related to the provision of sidewalks. This funding is to be used to fund the construction of sidewalks on streets that do not meet current policy requirements.

Project Comments/Reference

See Document Attached

(Closed:
7091025/7101003/7111022/7121007/7131115/7141028/7151011/7161029
Active: 7171019/7181023

Version Description

Because the 6-Year Capital Budget does not fully address immediate needs, the annual sidewalk inspection and assessment as well as additional liability claims will influence replacements in 2018 and beyond. There are insufficient capital funds available in this program to complete the identified rehabilitations detailed on the attached list of sidewalks in "poor" condition which will lead to additional liability claims.

CR131/2014, Report 17162 approved new Municipal Funding Agreement for the Gas Tax Funds in the years 2014-2018. As a result additional Gas Tax funds received are allocated to this project freeing up F169 Pay-As-You-Go funds earmarked for the Fire Hall #8.

Version Comments

| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | | |
|----------------------------|-------------------|------------------------------------|--------------|---------------------------|---|---------|---------|---------|-----------|-----------|------------|------------|------------|---------|---------|-----------|-----------|------------|------------|--|--|
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | | | | | | | |
| 2018 | 317,500 | 317,500 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | | | | | |
| 2019 | 700,000 | 700,000 | 0 | | 317,500 | 700,000 | 700,000 | 800,000 | 1,500,000 | 1,500,000 | 16,000,000 | 21,517,500 | | | | | | | | | |
| 2020 | 700,000 | 700,000 | 0 | | Total | | | | | | | 317,500 | 700,000 | 700,000 | 800,000 | 1,500,000 | 1,500,000 | 16,000,000 | 21,517,500 | | |
| 2021 | 800,000 | 800,000 | 0 | Revenues | | | | | | | | | | | | | | | | | |
| 2022 | 1,500,000 | 1,500,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | |
| 2023 | 1,500,000 | 1,500,000 | 0 | | 90,500 | 700,000 | 700,000 | 800,000 | 1,500,000 | 1,500,000 | 16,000,000 | 21,290,500 | | | | | | | | | |
| 2024+ | 16,000,000 | 16,000,000 | 0 | 176 | Federal Gas Tax Rebate | | | | | | | | | | | | | | | | |
| | 21,517,500 | 21,517,500 | 0 | | 227,000 | 0 | 0 | 0 | 0 | 0 | 0 | 227,000 | | | | | | | | | |
| | | | | | Total | 317,500 | 700,000 | 700,000 | 800,000 | 1,500,000 | 1,500,000 | 16,000,000 | 21,517,500 | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | |
| 2007 | 950,000 | 950,000 | 0 | | | | | | | | | | | | | | | | | | |
| 2008 | 850,000 | 850,000 | 0 | | | | | | | | | | | | | | | | | | |
| 2009 | 2,000,000 | 2,000,000 | 0 | | | | | | | | | | | | | | | | | | |
| 2010 | 2,000,000 | 2,000,000 | 0 | | | | | | | | | | | | | | | | | | |
| 2011 | 1,250,000 | 0 | 1,250,000 | | | | | | | | | | | | | | | | | | |
| 2012 | 1,200,000 | 1,200,000 | 0 | | | | | | | | | | | | | | | | | | |
| 2013 | 250,000 | 250,000 | 0 | | | | | | | | | | | | | | | | | | |
| 2014 | 400,000 | 400,000 | 0 | | | | | | | | | | | | | | | | | | |
| 2015 | 1,350,000 | 1,350,000 | 0 | | | | | | | | | | | | | | | | | | |
| 2016 | 500,000 | 500,000 | 0 | | | | | | | | | | | | | | | | | | |
| 2017 | 500,000 | 500,000 | 0 | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | | | | | | | | |
| | | | | Unknown | Insufficient budget approval will result in increased operating costs and claims. | | | | | | 0 | 0 | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | | | | | | | |
| 2007 | January 2, 2015 | Growth: 0.0 % Maintenance: 100.0 % | Phong Nguy | Ongoing | | | | | | | | | | | | | | | | | |

SIDEWALK REHABILITATION - 6 YEAR PROGRAM - 2018 to 2023

(Alphabetical Listing)

| ITEM NO. | STREET | FROM | TO | SIDE OF STREET |
|----------|------------|----------------|------------------|----------------|
| 1 | ARGYLE | TUSCARORA | CATARAQUI | E/W |
| 2 | BERNARD | GRAND MARAIS | JOINVILLE | W |
| 3 | BERNARD | JOINVILLE | BERNARD | W |
| 4 | BLOOMFIELD | TOURNIER | BROCK | |
| 5 | BLOOMFIELD | BROCK | ST. ANTOINE | E |
| 6 | BLOOMFIELD | CHIPPAWA | SOUTH | E/W |
| 7 | BROCK | BLOOMFIELD | EDISON | E/W |
| 8 | CABANA | KATHLEEN | KAREN | S |
| 9 | CAMPBELL | UNIVERSITY | WYANDOTTE ST. W. | E/W |
| 10 | CATARAQUI | MONMOUTH | ARGYLE | S |
| 11 | CHATHAM | LANGLOIS | PARENT | N/S |
| 12 | CHATHAM | OUELLETTE | GOYEAU | N |
| 13 | CHURCH | PINE | GROVE | E/W |
| 14 | CHURCH | GROVE | GILES | E/W |
| 15 | CRAWFORD | ERIE | GROVE | W |
| 16 | DEERBROOK | PALMS | LONSDALE | E |
| 17 | DEERBROOK | 3445 DEERBROOK | LONSDALE | W |
| 18 | DEERBROOK | LONSDALE | LONSDALE | E |
| 19 | DEERBROOK | LONSDALE | PALMS | N/S |

| ITEM NO. | STREET | FROM | TO | SIDE OF STREET |
|----------|--------------|------------|------------|----------------|
| 20 | DOMINION | WEST GRAND | NORFOLK | W |
| 21 | DROUILLARD | WYANDOTTE | EDNA | E/W |
| 22 | EDNA | WALKER | MONTREUIL | S |
| 23 | ELLIS | BRUCE | DOUGALL | N/S |
| 24 | ELM | WYANDOTTE | DEAD END | E |
| 25 | ELSMERE | ELLIOT | NIAGARA | E/W |
| 26 | ELSMERE | NIAGARA | ERIE | E/W |
| 27 | ERIE | HALL | MOY | N/S |
| 28 | ERIE | MOY | GLADSTONE | N/S |
| 29 | ERIE | GLADSTONE | LINCOLN | N/S |
| 30 | ERIE | LINCOLN | ERIE | N/S |
| 31 | FAUST | HIGH | LAURENDEAU | S |
| 32 | FORD | LASSALINE | CORONATION | E/W |
| 33 | FOREST GLADE | MULBERRY | ELMWOOD | E |
| 34 | FOREST GLADE | WILDWOOD | LAUZON | S |
| 35 | FRANCOIS | DEAD END | FRANKLIN | E |
| 36 | FRANCOIS | ALICE | REGINALD | W |
| 37 | GEORGE | FRANKLIN | METCALFE | W |
| 38 | GRAND | PILLETTE | PRINCESS | N |
| 39 | GRAND MARAIS | ALLYSON | GEORGE | N |
| 40 | GRANDVIEW | RIVARD | MCMAHON | S |

| ITEM NO. | STREET | FROM | TO | SIDE OF STREET |
|----------|--------------|---------------|--------------------------|----------------|
| 41 | HANNA | YORK | BRUCE | S |
| 42 | HOWARD | HYDE | LOGAN | E |
| 43 | HOWARD | SOUTH CAMERON | KENILWORTH | E |
| 44 | HOWARD | KENILWORTH | MAGUIRE | E |
| 45 | HOWARD | MAGUIRE | SANDISON | E |
| 46 | HURON CHURCH | MALDEN | NORTHWOOD | E |
| 47 | JEFFERSON | TECUMSEH | ROSE | E |
| 48 | JEFFERSON | LASSALINE | 1867 JEFFERSON | W |
| 49 | KILDARE | WYANDOTTE | TUSCARORA | E/W |
| 50 | KILDARE | LENS | VIMY | W |
| 51 | KILDARE | VIMY | YPRES | W |
| 52 | LABADIE | SEMINOLE | REGINALD | W |
| 53 | LANGLOIS | HANNA | HANNA | W |
| 54 | LAURENDEAU | FAUST | ONTARIO | E |
| 55 | LAUZON | MCHUGH | TECUMSEH/EASTTOWN MALL | W |
| 56 | LAUZON | QUALITY WAY | E C ROW | W |
| 57 | LOCKE | LYNN | 3850 LOCKE (@ SOUTH P/L) | E |
| 58 | LONGFELLOW | GRAND MARAIS | LONGFELLOW | W |
| 59 | MARION | ERIE | NIAGARA | E/W |
| 60 | MATCHETTE | MELBOURNE | STRATHMORE | E/W |
| 61 | MATCHETTE | STRATHMORE | CUL DE SAC | E/W |

| ITEM NO. | STREET | FROM | TO | SIDE OF STREET |
|----------|------------|-------------------|------------|----------------|
| 62 | MCDUGALL | MONARCH | HOLDEN | W |
| 63 | MCKAY | RIVERSIDE | UNIVERSITY | W |
| 64 | METCALFE | HENRY FORD CENTRE | METCALFE | S |
| 65 | MONMOUTH | CATARAQUI | NIAGARA | E/W |
| 66 | MONTROSE | OUELLETTE | PELISSIER | N/S |
| 67 | MOY | TECUMSEH | LENS | E |
| 68 | OUELLETTE | WYANDOTTE | TUSCARORA | E/W |
| 69 | OUELLETTE | TUSCARORA | ELLIOTT | E/W |
| 70 | PARTINGTON | TECUMSEH | ALGONQUIN | W |
| 71 | PILLETTE | WYANDOTTE ST. E. | ONTARIO | E/W |
| 72 | PITT | BRUCE | JANETTE | N |
| 73 | PLYMOUTH | ROBERT | PILLETTE | N |
| 74 | RIVARD | ROSE | JOINVILLE | W |
| 75 | RIVARD | JOINVILLE | HAIG | W |
| 76 | RIVARD | HAIG | GRAND | W |
| 77 | RIVERSIDE | PATRICE | ST. ROSE | S |
| 78 | RIVERSIDE | WATSON | DIEPPE | S |
| 79 | RIVERSIDE | DIEPPE | RIVERDALE | S |
| 80 | ROSEBRIAR | FOREST GLADE | MULBERRY | W |
| 81 | SANDWICH | 52M S/O JOHN B | PROSPECT | W |
| 82 | SEMINOLE | WALKER | ST LUKE | N |

| ITEM NO. | STREET | FROM | TO | SIDE OF STREET |
|----------|------------|------------------|------------------------------|----------------|
| 83 | SOUTHDAL | GRAND MARAIS | SLATER | W |
| 84 | ST. LOUIS | WYANDOTTE ST. E. | ONTARIO | E/W |
| 85 | ST. LUKE | MILLOY | TECUMSEH | E/W |
| 86 | ST. PAUL | WYANDOTTE | ST. ROSE | E/W |
| 87 | TECUMSEH | PARKWOOD | HALL | S |
| 88 | TECUMSEH | HOWARD | MARENTETTE | S |
| 89 | TECUMSEH | SOUTH PACIFIC | MUNICIPAL LANE | N |
| 90 | TRENTON | DROUILLARD | CADILLAC (HENRY FORD CENTRE) | N |
| 91 | TURNER | VIMY | YPRES | E/W |
| 92 | WINDERMERE | TECUMSEH | LENS | W |
| 93 | WOODLAWN | LENS | VIMY | E/W |
| 94 | WYANDOTTE | CRAWFORD | OAK | N |

| | |
|-------------|--|
| N | NORTH SIDE |
| S | SOUTH SIDE |
| E | EAST SIDE |
| W | WEST SIDE |
| CURB | AND Reconstruction of Curb & Gutter |

NOTE: Sidewalk Segments will be prioritized in coordination with other Capital Projects, Road Rehabs and WUC watermain projects and budgets



Project Version Summary

| | | | |
|-----------------------|-------------------------|---------------------|---|
| Project # | OPS-005-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Railway Lands Fencing | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|-----------------------------------|----------------------|--|---------------------|----------------------------------|--|------------------|-------------------|-------------|-------------|-------------|--------------|--------------|---------|
| Project Description | | Install and maintain fencing at key locations along railway lands to prevent trespassing (annual general allotment to be based on needs analysis). | | Version Description | | | | | | | | | |
| Project Comments/Reference | | 7045005 | | Version Comments | | | | | | | | | |
| Project Forecast | | Revenue | | Project Detailed Forecast | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | |
| 2018 | 100,000 | 50,000 | 50,000 | Expenses | | | | | | | | | |
| 2019 | 100,000 | 50,000 | 50,000 | 5410 | Construction Contracts - TCA | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 100,000 | 100,000 | 0 | 0 | 100,000 | 100,000 | 500,004 | 900,004 | |
| 2021 | 0 | 0 | 0 | | Total | 100,000 | 100,000 | 0 | 0 | 100,000 | 100,000 | 500,004 | 900,004 |
| 2022 | 100,000 | 50,000 | 50,000 | Revenues | | | | | | | | | |
| 2023 | 100,000 | 50,000 | 50,000 | 169 | Pay As You Go - Capital Reserve | | | | | | | | |
| 2024+ | 500,004 | 275,002 | 225,002 | | 50,000 | 50,000 | 0 | 0 | 50,000 | 50,000 | 275,002 | 475,002 | |
| | 900,004 | 475,002 | 425,002 | 6735 | Recovery Of Expenses EXTERNAL | | | | | | | | |
| | | | | | 50,000 | 50,000 | 0 | 0 | 50,000 | 50,000 | 225,002 | 425,002 | |
| | | | | Total | 100,000 | 100,000 | 0 | 0 | 100,000 | 100,000 | 500,004 | 900,004 | |
| Historical Approved Budget | | Revenue | | Operating Budget Impact | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | <u>Effective Date</u> | <u>Description</u> | <u>Exp/(Rev)</u> | <u>FTE Impact</u> | | | | | | |
| 2008 | 100,000 | 50,000 | 50,000 | Unknown | Ongoing maintenance of any new fencing is required | 0 | 0 | | | | | | |
| 2009 | 100,000 | 50,000 | 50,000 | | | | | | | | | | |
| 2010 | 100,000 | 50,000 | 50,000 | | | | | | | | | | |
| 2011 | 100,000 | 50,000 | 50,000 | | | | | | | | | | |
| 2014 | 100,000 | 50,000 | 50,000 | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | |
| 2007 | January 1, 2018 | Growth: 100.0 % Maintenance: 0.0 % | Phong Nguy | Ongoing | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---|
| Project # | OPS-006-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | "At-Grade" Railway Crossings Capital Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

Project Description
 This program is used to provide improvements and upgrades for all 61 of the city's 'At Grade' railway crossings. The City of Windsor, by order of the Canadian Transportation Agency, is required to cost share in these upgrades with the railways. Placeholder amounts are to be used as needs arise. There are annual federal cost sharing opportunities available for at-grade rail crossing upgrades. Due to amendments to the Grade Crossing Regulations introduced by Transport Canada in 2014, all required upgrades to at-grade crossings will need to be completed by November 2021. In order to increase our opportunity to receive federal cost sharing, Administration recommends that required upgrades be identified, applicable funding be applied for, and required upgrades scheduled as early as possible. It is anticipated that an additional \$600,000 will be required to complete the upgrades and bring all the at-grade crossings up to standards.

Version Description
 Proposed Railway Crossings:
 - Walker Road at the VIA station
 - Division CNR Crossing east of Walker Road
 - McDougall Crossings - ETR & CPR

Project Comments/Reference
 Closed: 7085009/7163002
 Open: 7163003/7179001

Version Comments
 CR742/2016 approved under the Railway Safety Improvement Grant Program, a pre-commitment of \$100,000 in 2019 and \$15,000 in 2020 for Infrastructure, Technology and Research Component (ITR) and \$45,000 in 2020 for Education and Awareness Component.

| Project Forecast | | Revenue | |
|-------------------------|----------------------|----------------------|------------------|
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> |
| 2018 | 275,000 | 137,500 | 137,500 |
| 2019 | 825,000 | 325,000 | 500,000 |
| 2020 | 85,000 | 72,500 | 12,500 |
| 2021 | 200,000 | 100,000 | 100,000 |
| 2022 | 125,000 | 100,000 | 25,000 |
| 2023 | 125,000 | 100,000 | 25,000 |
| 2024+ | 350,000 | 250,000 | 100,000 |
| | 1,985,000 | 1,085,000 | 900,000 |

| Project Detailed Forecast | | | | | | | | | |
|----------------------------------|---------------------------------|----------------|----------------|---------------|----------------|----------------|----------------|----------------|------------------|
| <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | |
| Expenses | | | | | | | | | |
| 5410 | Construction Contracts - TCA | | | | | | | | |
| | 275,000 | 825,000 | 85,000 | 200,000 | 125,000 | 125,000 | 350,000 | 1,985,000 | |
| | Total | 275,000 | 825,000 | 85,000 | 200,000 | 125,000 | 125,000 | 350,000 | 1,985,000 |
| Revenues | | | | | | | | | |
| 169 | Pay As You Go - Capital Reserve | | | | | | | | |
| | 137,500 | 325,000 | 72,500 | 100,000 | 100,000 | 100,000 | 250,000 | 1,085,000 | |
| 6320 | Canada Specific Grants | | | | | | | | |
| | 0 | 275,000 | 0 | 0 | 0 | 0 | 0 | 275,000 | |
| 6735 | Recovery Of Expenses EXTERNAL | | | | | | | | |
| | 137,500 | 225,000 | 12,500 | 100,000 | 25,000 | 25,000 | 100,000 | 625,000 | |
| | Total | 275,000 | 825,000 | 85,000 | 200,000 | 125,000 | 125,000 | 350,000 | 1,985,000 |

| Historical Approved Budget | | Revenue | |
|-----------------------------------|----------------------|----------------------|------------------|
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> |
| 2008 | 62,500 | 50,000 | 12,500 |
| 2009 | 62,500 | 50,000 | 12,500 |
| 2010 | 62,500 | 50,000 | 12,500 |
| 2011 | 62,500 | 50,000 | 12,500 |
| 2014 | 50,000 | 25,000 | 25,000 |
| 2016 | 200,000 | 100,000 | 100,000 |
| 2017 | 100,000 | 100,000 | 0 |

| Related Projects | | Operating Budget Impact | | | |
|------------------|----------------------------------|------------------------------------|----------------------------|----------------------|------------|
| Follows | Project Title | Effective Date | Description | Exp/(Rev) | FTE Impact |
| OPS-004-16 | Rail Crossing Safety Assessments | Unknown | No Operating Budget Impact | 0 | 0 |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | |
| 2007 | January 1, 2018 | Growth: 0.0 % Maintenance: 100.0 % | Phong Nguy | Ongoing | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---|
| Project # | OPS-008-16 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Devon Dr. Reconstruction - South Service Rd. to Sydney Ave. | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 9 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|---------------------|---|--|-----------------------------|-------------|-------------|-------------|-------------|-------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | |
| In accordance with B68-2015, Council approved the "Proposed 2016 Enhanced Capital Budget" in the form of placeholder allocations in the budget with reports to BE PREPARED for Council's consideration. | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| 7161052 | | | | CR560/2016-Report C141/2016 pre-committed \$1,500,000 from the 2016 Enhanced Capital Budget. Funding available in 2020. | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 1,500,000 | 0 | 0 | 0 | 0 | 0 | 1,500,000 |
| 2020 | 1,500,000 | 1,500,000 | 0 | | Total | | | | | | | | 1,500,000 |
| 2021 | 0 | 0 | 0 | | 0 | 0 | 1,500,000 | 0 | 0 | 0 | 0 | 0 | 1,500,000 |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 0 | 1,500,000 | 0 | 0 | 0 | 0 | 0 | 1,500,000 |
| | 1,500,000 | 1,500,000 | 0 | | Total | | | | | | | | 1,500,000 |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| Related Projects | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | Any budget deferral in approved funding will result in increased operating costs for temporary repairs, patching, and unscheduled maintenance as required. | | | | | | 0 | 0 | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | Est. Completion Date | | | | | | | |
| 2016 | January 1, 2016 | Growth: 0.0 % Maintenance: 0.0 % | Phong Nguy | | | 2018 | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|---|
| Project # | OPS-008-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Rossini Reconstruction - Tecumseh to Griffin | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 5 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|---------------------|--|-------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | |
| As per the approved 2017 enhanced Capital Budget 5-year plan. | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | |
| 7171068 | | | | Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan. Funding available in 2021. | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | 0 0 0 300,000 0 0 0 300,000 | | | | | | | | | | | | | |
| 2021 | 300,000 | 300,000 | 0 | Total 0 0 0 300,000 0 0 0 300,000 | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | 0 0 0 300,000 0 0 0 300,000 | | | | | | | | | | | | | |
| | 300,000 | 300,000 | 0 | Total 0 0 0 300,000 0 0 0 300,000 | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | | Est. Completion Date | | | | | | | | | |
| 2017 | January 23, 2017 | Growth: 0.0 % Maintenance: 0.0 % | Phong Nguy | | | | | 2018 | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|----------------------------------|---------------------|---|
| Project # | OPS-009-16 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | North Service Rd. Reconstruction | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 10 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|---------------------|--|--|-------------|-------------|-------------|-------------|-------------|--------------|------------------|-------------------|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| In accordance with B68-2015, Council approved the "Proposed 2016 Enhanced Capital Budget" in the form of placeholder allocations in the budget with reports to BE PREPARED for Council's consideration. | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7161053 | | | | CR561/2016 - Report C141/2016 pre-committed \$2,100,000 2016 Enhanced Capital Budget. Funding available in 2020. | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | |
| 2020 | 2,100,000 | 2,100,000 | 0 | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | |
| | 2,100,000 | 2,100,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | |
| | | | | Unknown | Any budget deferral in approved funding will result in increased operating costs for temporary repairs, patching, and unscheduled maintenance as required. | | | | | | | 0 | 0 | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | |
| 2016 | January 1, 2016 | Growth: 0.0 % Maintenance: 0.0 % | Phong Nguy | 2018 | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|---|
| Project # | OPS-009-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Reginald Street Reconstruction - Rossini to Francois | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 5 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|--|---------------------------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | |
| As per the approved 2017 enhanced Capital Budget 5-year plan. | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | |
| 7171069 | | | | Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan. Funding available in 2021. | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 280,000 | 0 | 0 | 0 | 280,000 | | | | | |
| 2021 | 280,000 | 280,000 | 0 | Total | 0 | 0 | 0 | 280,000 | 0 | 0 | 0 | 280,000 | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 0 | 0 | 280,000 | 0 | 0 | 0 | 280,000 | | | | | |
| | 280,000 | 280,000 | 0 | Total | 0 | 0 | 0 | 280,000 | 0 | 0 | 0 | 280,000 | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | |
| 2017 | January 23, 2017 | Growth: 0.0 % Maintenance: 0.0 % | | Phong Nguy | | | | | 2017 | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---|
| Project # | OPS-010-16 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Wyandotte St. Mill and Pave - Watson Ave. to Riverdale Ave. | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 6 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|---------------------|---|--|-------------|-------------|-------------|-------------|-------------|------------------|-------------------|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| In accordance with B68-2015, Council approved the "Proposed 2016 Enhanced Capital Budget" in the form of placeholder allocations in the budget with reports to BE PREPARED for Council's consideration. | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| 7161054 | | | | CR563/2016 - Report C141/2016 pre-committed \$300,000 from the 2016 Enhanced Capital Budget. Funding available in 2020. | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 300,000 | 0 | 0 | 0 | 0 | 300,000 | | | |
| 2020 | 300,000 | 300,000 | 0 | Total | 0 | 0 | 300,000 | 0 | 0 | 0 | 0 | 300,000 | | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 0 | 300,000 | 0 | 0 | 0 | 0 | 300,000 | | | |
| 2024+ | 0 | 0 | 0 | Total | 0 | 0 | 300,000 | 0 | 0 | 0 | 0 | 300,000 | | | |
| | 300,000 | 300,000 | 0 | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| Related Projects | | | | Effective Date | Description | | | | | | Exp/(Rev) | FTE Impact | | | |
| | | | | Unknown | Any budget deferral in approved funding will result in increased operating costs for temporary repairs, patching, and unscheduled maintenance as required. | | | | | 0 | 0 | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | |
| 2016 | January 1, 2016 | Growth: 0.0 % Maintenance: 0.0 % | Phong Nguy | 2017 | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|-------------------------|---------------------|---|
| Project # | OPS-010-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Tranby Reconstruction | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 6 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|---------------------|--|-------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | |
| As per the approved 2017 enhanced Capital Budget 5-year plan. | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | |
| 7171071 | | | | Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan. Funding available in 2021. | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | 0 0 0 1,200,000 0 0 0 1,200,000 | | | | | | | | | | | | | |
| 2021 | 1,200,000 | 1,200,000 | 0 | Total 0 0 0 1,200,000 0 0 0 1,200,000 | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | 0 0 0 1,200,000 0 0 0 1,200,000 | | | | | | | | | | | | | |
| | 1,200,000 | 1,200,000 | 0 | Total 0 0 0 1,200,000 0 0 0 1,200,000 | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | | Est. Completion Date | | | | | | | | | |
| 2017 | January 23, 2017 | Growth: 0.0 % Maintenance: 0.0 % | Phong Nguy | | | | | 2018 | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|---|
| Project # | OPS-013-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Reginald Street Reconstruction - Norman to Westminster | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 8 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | |
|---|----------------------|----------------------------------|---------------------|--|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|
| Project Description | | | | Version Description | | | | | | | | |
| As per the approved 2017 enhanced Capital Budget 5-year plan. | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | |
| 7171080 | | | | Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan. Funding available in 2021. | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 390,000 | 0 | 0 | 0 | 390,000 |
| 2020 | 0 | 0 | 0 | Total | 0 | 0 | 0 | 390,000 | 0 | 0 | 0 | 390,000 |
| 2021 | 390,000 | 390,000 | 0 | Revenues | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 0 | 0 | 390,000 | 0 | 0 | 0 | 390,000 |
| 2024+ | 0 | 0 | 0 | Total | 0 | 0 | 0 | 390,000 | 0 | 0 | 0 | 390,000 |
| | 390,000 | 390,000 | 0 | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | |
| | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | |
| 2017 | January 23, 2017 | Growth: 0.0 % Maintenance: 0.0 % | Phong Nguy | Summer of 2017 | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---|
| Project # | OPS-014-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Alice Street Mill and Pave - Norman to Polonia Park | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 8 | | |
| Version Name | Main (Active) | | |

| Project Description | | As per the approved 2017 enhanced Capital Budget 5-year plan. | | Version Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|-------------------|---|---------------------|--------------------------------|------|--|-------|--------|---------------|---------------|-----------|------|---|---|---|------|---|---|---|------|---|---|---|------|--------|--------|---|------|---|---|---|------|---|---|---|-------|---|---|---|--|---------------|---------------|----------|----------------------------------|--|--|--|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-----------------------------------|--|--|--|--------|---|---|---|--------|-------|---|---|---|--------|---|---|---|--------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|--|--|--|--------|---|---|---|--------|-------|---|---|---|--------|---|---|---|--------|
| Project Comments/Reference | | 7171081 | | Version Comments | | Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan. Funding available in 2021. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2019</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2020</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2021</td><td>35,000</td><td>35,000</td><td>0</td></tr> <tr><td>2022</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2024+</td><td>0</td><td>0</td><td>0</td></tr> <tr><td></td><td>35,000</td><td>35,000</td><td>0</td></tr> </tbody> </table> | | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2018 | 0 | 0 | 0 | 2019 | 0 | 0 | 0 | 2020 | 0 | 0 | 0 | 2021 | 35,000 | 35,000 | 0 | 2022 | 0 | 0 | 0 | 2023 | 0 | 0 | 0 | 2024+ | 0 | 0 | 0 | | 35,000 | 35,000 | 0 | Project Detailed Forecast | | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td></td> <td></td> <td></td> <td>35,000</td> <td>0</td> <td>0</td> <td>0</td> <td>35,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>35,000</td> <td>0</td> <td>0</td> <td>0</td> <td>35,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td></td> <td></td> <td></td> <td>35,000</td> <td>0</td> <td>0</td> <td>0</td> <td>35,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>35,000</td> <td>0</td> <td>0</td> <td>0</td> <td>35,000</td> </tr> </tbody> </table> | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5410 Construction Contracts - TCA | | | | 35,000 | 0 | 0 | 0 | 35,000 | Total | 0 | 0 | 0 | 35,000 | 0 | 0 | 0 | 35,000 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | | | | 35,000 | 0 | 0 | 0 | 35,000 | Total | 0 | 0 | 0 | 35,000 | 0 | 0 | 0 | 35,000 |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 35,000 | 35,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 35,000 | 35,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5410 Construction Contracts - TCA | | | | 35,000 | 0 | 0 | 0 | 35,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 35,000 | 0 | 0 | 0 | 35,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | | | | 35,000 | 0 | 0 | 0 | 35,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 35,000 | 0 | 0 | 0 | 35,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2017 | January 23, 2017 | Growth: 0.0 % Maintenance: 0.0 % | Phong Nguy | Summer of 2017 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|---|
| Project # | OPS-015-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Coronation Street Mill and Pave - Jefferson to Cul-de-sac | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 8 | | |
| Version Name | Main (Active) | | |

| Project Description | | As per the approved 2017 enhanced Capital Budget 5-year plan. | | Version Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|-------------------|---|---------------------|--------------------------------|------|--|-------|--------|---------------|---------------|-----------|------|---|---|---|------|---|---|---|------|---|---|---|------|--------|--------|---|------|---|---|---|------|---|---|---|-------|---|---|---|--|---------------|---------------|----------|----------------------------------|--|--|--|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-----------------------------------|--|--|--|--|--|--|--|--|--|---|---|---|--------|---|---|---|--------|-------|---|---|---|--------|---|---|---|--------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|--|--|--|--|--|--|--|--|--|---|---|---|--------|---|---|---|--------|-------|---|---|---|--------|---|---|---|--------|
| Project Comments/Reference | | 7171082 | | Version Comments | | Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan. Funding available in 2021. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2019</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2020</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2021</td><td>55,000</td><td>55,000</td><td>0</td></tr> <tr><td>2022</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2024+</td><td>0</td><td>0</td><td>0</td></tr> <tr><td></td><td>55,000</td><td>55,000</td><td>0</td></tr> </tbody> </table> | | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2018 | 0 | 0 | 0 | 2019 | 0 | 0 | 0 | 2020 | 0 | 0 | 0 | 2021 | 55,000 | 55,000 | 0 | 2022 | 0 | 0 | 0 | 2023 | 0 | 0 | 0 | 2024+ | 0 | 0 | 0 | | 55,000 | 55,000 | 0 | Project Detailed Forecast | | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td> <td>0</td><td>0</td><td>0</td><td>55,000</td><td>0</td><td>0</td><td>0</td><td>55,000</td> </tr> <tr> <td>Total</td> <td>0</td><td>0</td><td>0</td><td>55,000</td><td>0</td><td>0</td><td>0</td><td>55,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td> <td>0</td><td>0</td><td>0</td><td>55,000</td><td>0</td><td>0</td><td>0</td><td>55,000</td> </tr> <tr> <td>Total</td> <td>0</td><td>0</td><td>0</td><td>55,000</td><td>0</td><td>0</td><td>0</td><td>55,000</td> </tr> </tbody> </table> | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5410 Construction Contracts - TCA | | | | | | | | | | 0 | 0 | 0 | 55,000 | 0 | 0 | 0 | 55,000 | Total | 0 | 0 | 0 | 55,000 | 0 | 0 | 0 | 55,000 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | | | | | | | | | | 0 | 0 | 0 | 55,000 | 0 | 0 | 0 | 55,000 | Total | 0 | 0 | 0 | 55,000 | 0 | 0 | 0 | 55,000 |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 55,000 | 55,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 55,000 | 55,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 0 | 55,000 | 0 | 0 | 0 | 55,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 55,000 | 0 | 0 | 0 | 55,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 0 | 55,000 | 0 | 0 | 0 | 55,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 55,000 | 0 | 0 | 0 | 55,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2017 | January 23, 2017 | Growth: 0.0 % Maintenance: 0.0 % | Phong Nguy | 2017 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|---|
| Project # | OPS-016-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Devon Drive Reconstruction - Sydney to South Service | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 9 | | |
| Version Name | Main (Active) | | |

| Project Description | | As per the approved 2017 enhanced Capital Budget 5-year plan. | | Version Description | | Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan. Funding available in 2021. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|-------------------|---|---------------------|--------------------------------|---------|--|-------|---------------|---------------|-----------|------|---|---|---|------|---|---|---|------|---|---|---|------|---------|---------|---|------|---|---|---|------|---|---|---|-------|---|---|---|--|----------------|----------------|----------|----------------------------------|--|--|--|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-----------------------------------|--|--|--|--|--|--|--|--|--|---|---|---|---------|---|---|---|---------|-------|---|---|---|---------|---|---|---|---------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|--|--|--|--|--|--|--|--|--|---|---|---|---------|---|---|---|---------|-------|---|---|---|---------|---|---|---|---------|
| Project Comments/Reference | | 7161052 | | Version Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | <table border="1"> <thead> <tr> <th></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2019</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2020</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2021</td><td>800,000</td><td>800,000</td><td>0</td></tr> <tr><td>2022</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2024+</td><td>0</td><td>0</td><td>0</td></tr> <tr><td></td><td>800,000</td><td>800,000</td><td>0</td></tr> </tbody> </table> | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2018 | 0 | 0 | 0 | 2019 | 0 | 0 | 0 | 2020 | 0 | 0 | 0 | 2021 | 800,000 | 800,000 | 0 | 2022 | 0 | 0 | 0 | 2023 | 0 | 0 | 0 | 2024+ | 0 | 0 | 0 | | 800,000 | 800,000 | 0 | Project Detailed Forecast | | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td> <td>0</td><td>0</td><td>0</td><td>800,000</td><td>0</td><td>0</td><td>0</td><td>800,000</td> </tr> <tr> <td>Total</td> <td>0</td><td>0</td><td>0</td><td>800,000</td><td>0</td><td>0</td><td>0</td><td>800,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td> <td>0</td><td>0</td><td>0</td><td>800,000</td><td>0</td><td>0</td><td>0</td><td>800,000</td> </tr> <tr> <td>Total</td> <td>0</td><td>0</td><td>0</td><td>800,000</td><td>0</td><td>0</td><td>0</td><td>800,000</td> </tr> </tbody> </table> | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5410 Construction Contracts - TCA | | | | | | | | | | 0 | 0 | 0 | 800,000 | 0 | 0 | 0 | 800,000 | Total | 0 | 0 | 0 | 800,000 | 0 | 0 | 0 | 800,000 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | | | | | | | | | | 0 | 0 | 0 | 800,000 | 0 | 0 | 0 | 800,000 | Total | 0 | 0 | 0 | 800,000 | 0 | 0 | 0 | 800,000 |
| | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 800,000 | 800,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 800,000 | 800,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 0 | 800,000 | 0 | 0 | 0 | 800,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 800,000 | 0 | 0 | 0 | 800,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 0 | 800,000 | 0 | 0 | 0 | 800,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 800,000 | 0 | 0 | 0 | 800,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2017 | January 23, 2017 | Growth: 0.0 % Maintenance: 0.0 % | Phong Nguy | 2018 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|---|
| Project # | OPS-017-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Northwood Reconstruction - Northwood to Northway | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 10 | | |
| Version Name | Main (Active) | | |

| Project Description | | As per the approved 2017 enhanced Capital Budget 5-year plan. | | Version Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|-------------------|---|---------------------|--------------------------------|------|--|-------|---------|---------------|---------------|-----------|------|---|---|---|------|---|---|---|------|---|---|---|------|---------|---------|---|------|---|---|---|------|---|---|---|-------|---|---|---|--|----------------|----------------|----------|----------------------------------|--|--|--|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-----------------------------------|--|--|--|--|--|--|--|--|--|---|---|---|---------|---|---|---|---------|-------|---|---|---|---------|---|---|---|---------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|--|--|--|--|--|--|--|--|--|---|---|---|---------|---|---|---|---------|-------|---|---|---|---------|---|---|---|---------|
| Project Comments/Reference | | 7171085 | | Version Comments | | Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan. Funding available in 2021. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2019</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2020</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2021</td><td>500,000</td><td>500,000</td><td>0</td></tr> <tr><td>2022</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2024+</td><td>0</td><td>0</td><td>0</td></tr> <tr><td></td><td>500,000</td><td>500,000</td><td>0</td></tr> </tbody> </table> | | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2018 | 0 | 0 | 0 | 2019 | 0 | 0 | 0 | 2020 | 0 | 0 | 0 | 2021 | 500,000 | 500,000 | 0 | 2022 | 0 | 0 | 0 | 2023 | 0 | 0 | 0 | 2024+ | 0 | 0 | 0 | | 500,000 | 500,000 | 0 | Project Detailed Forecast | | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td> <td>0</td><td>0</td><td>0</td><td>500,000</td><td>0</td><td>0</td><td>0</td><td>500,000</td> </tr> <tr> <td>Total</td> <td>0</td><td>0</td><td>0</td><td>500,000</td><td>0</td><td>0</td><td>0</td><td>500,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td></td> <td>0</td><td>0</td><td>0</td><td>500,000</td><td>0</td><td>0</td><td>0</td><td>500,000</td> </tr> <tr> <td>Total</td> <td>0</td><td>0</td><td>0</td><td>500,000</td><td>0</td><td>0</td><td>0</td><td>500,000</td> </tr> </tbody> </table> | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5410 Construction Contracts - TCA | | | | | | | | | | 0 | 0 | 0 | 500,000 | 0 | 0 | 0 | 500,000 | Total | 0 | 0 | 0 | 500,000 | 0 | 0 | 0 | 500,000 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | | | | | | | | | | 0 | 0 | 0 | 500,000 | 0 | 0 | 0 | 500,000 | Total | 0 | 0 | 0 | 500,000 | 0 | 0 | 0 | 500,000 |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 500,000 | 500,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 500,000 | 500,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 0 | 500,000 | 0 | 0 | 0 | 500,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 500,000 | 0 | 0 | 0 | 500,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 0 | 500,000 | 0 | 0 | 0 | 500,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 500,000 | 0 | 0 | 0 | 500,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2017 | January 23, 2017 | Growth: 0.0 % Maintenance: 0.0 % | Phong Nguy | Fall of 2017 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Project Version Summary

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|-----------------------|----------------------------------|---------------------|---|
| Project # | OPS-019-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Storm & Waste - Data Acquisition | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|---|----------------------|------------------------------------|---------------------|--|--|-------------|-----------------------------|-------------|-------------|-------------|--------------|--------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | | |
| Currently, only 35% of the entire sewer network has condition ratings. Two pilots on alternative methods to obtain condition information by means other than CCTV were completed in 2016. The funding requested for this project and use of these alternative methods would result in having condition ratings for 80% of the network by March 31, 2018. This information is critical to on-going maintenance and rehabilitation plans and will greatly enhance our abilities to be reactive to our aging infrastructure through more cost effective methods such as pipe relining. | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7161068 | | | | This project is being put forward as part of the City's Clean Water WasteWater Fund application. Report C190/2016 pre-commits \$282,500 in 2018 F028 funding to this project. | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | |
| 2018 | 282,500 | 282,500 | 0 | 2950 | Other Prof Services-External | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | |
| | 282,500 | 282,500 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | Revenues | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | 028 | Sewer Surcharge | | | | | | | | | |
| 2017 | 847,500 | 0 | 847,500 | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | Improved use of CCTV will allow for improved sewer issue identification which may allow Administration to identify sewers for relining before they fall into the rehab category. Unable to quantify the operating impact at this time. | | | | | | | | 0 | 0 |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2017 | January 1, 2017 | Growth: 0.0 % Maintenance: 100.0 % | Phong Nguy | | | | 2018 | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|-------------------------|---------------------|---|
| Project # | OPS-023-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | South National Relining | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | Ward 5 | | |
| Version Name | Main (Active) | | |

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|--|----------------------|------------------------------------|------------------|--|--|-------------|-------------|-----------------------------|-------------|-------------|--------------|------------------|-------------------|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| Relining of sewer lines which run under the double railway tracks as well as the ETR down to George Ave. This will ensure the structural integrity of the asset without disruption to the assets above or impacting services to residents in the area. | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7161072 | | | | This project is being put forward as part of the City's Clean Water WasteWater Fund application. Report C190/2016 pre-commits \$187,500 in 2018 F028 funding to this project. | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | |
| 2018 | 187,500 | 187,500 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 187,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 187,500 | |
| 2020 | 0 | 0 | 0 | Total | 187,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 187,500 | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 028 | Sewer Surcharge | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 187,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 187,500 | |
| 2024+ | 0 | 0 | 0 | Total | 187,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 187,500 | |
| | 187,500 | 187,500 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | |
| 2017 | 562,500 | 0 | 562,500 | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | |
| | | | | Unknown | Project will result in reduced treatment costs at the plants, but Administration is unable to quantify the savings at this time. | | | | | | | 0 | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | |
| 2017 | January 1, 2017 | Growth: 0.0 % Maintenance: 100.0 % | | Phong Nguy | | | | 2018 | | | | | | |



Project Version Summary

| | | | |
|-----------------------|-------------------------|---------------------|---|
| Project # | OPS-024-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Rossini Street Relining | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | Ward 5 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|--|----------------------|------------------------------------|------------------|---|--|-------------|-------------|-----------------------------|-------------|-------------|--------------|------------------|-------------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| Relining of storm and sanitary sewers under Herman Academy High School. This will ensure the structural integrity of the assets without impacting the school or services to residents in the area. | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| 7161073 | | | | This project is being put forward as part of the City's Clean Water WasteWater Fund application. Report C190/2016 pre-commits \$35,000 in 2018 F028 funding to this project. | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 35,000 | 35,000 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | 35,000 | | |
| 2019 | 0 | 0 | 0 | | 35,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35,000 | | |
| 2020 | 0 | 0 | 0 | | Total | 35,000 | 0 | 0 | 0 | 0 | 0 | 0 | 35,000 | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 028 | Sewer Surcharge | | | | | | | | 35,000 | | |
| 2023 | 0 | 0 | 0 | | 35,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35,000 | | |
| 2024+ | 0 | 0 | 0 | | Total | 35,000 | 0 | 0 | 0 | 0 | 0 | 0 | 35,000 | | |
| | 35,000 | 35,000 | 0 | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| | | Revenue | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | | |
| Year | Total Expense | Net City Cost | Subsidies | Unknown | Project will result in reduced treatment costs at the plants, but Administration is unable to quantify the savings at this time. | | | | | | | 0 | 0 | | |
| 2017 | 105,000 | 0 | 105,000 | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2017 | January 1, 2017 | Growth: 0.0 % Maintenance: 100.0 % | | Phong Nguy | | | | 2018 | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|---|
| Project # | OPS-025-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Storm Extension to Railway at College and Crawford | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | Ward 3 | | |
| Version Name | Main (Active) | | |

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|---|----------------------|------------------------------------|------------------|--|---|-------------|-------------|-------------|-----------------------------|-------------|--------------|------------------|-------------------|--|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | |
| Storm extension to railway at College and Crawford. | | | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | |
| 7161074 | | | | This project is being put forward as part of the City's Clean Water WasteWater Fund application. Report C190/2016 pre-commits \$125,661 in 2018 F028 funding to this project. | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | |
| | | <u>Revenue</u> | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | | | | | | |
| 2018 | 126,312 | 126,312 | 0 | Expenses | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 126,312 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 126,312 | | | | | | |
| 2021 | 0 | 0 | 0 | | Total | 126,312 | 0 | 0 | 0 | 0 | 0 | 0 | 126,312 | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 028 | Sewer Surcharge | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 126,312 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 126,312 | | | | | | |
| | 126,312 | 126,312 | 0 | | Total | 126,312 | 0 | 0 | 0 | 0 | 0 | 0 | 126,312 | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | | | | | | |
| 2017 | 354,339 | 0 | 354,339 | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | |
| | | | | <u>Effective Date</u> | <u>Description</u> | | | | | | | <u>Exp/(Rev)</u> | <u>FTE Impact</u> | | | | | | |
| | | | | Unknown | Road flooding will be reduced by completing this project. There may be some operational savings related to flood response and storm water treatment in future, but we are unable to quantify this at this time. | | | | | | 0 | 0 | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | | | |
| 2017 | January 1, 2017 | Growth: 0.0 % Maintenance: 100.0 % | | Phong Nguy | | | | | 2018 | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--------------------------------|---------------------|---|
| Project # | OPS-026-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Lake Trail Drive Mill and Pave | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 1 | | |
| Version Name | Main (Active) | | |

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|---|----------------------|----------------------------------|------------------|--|-------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | |
| As per the approved 2017 enhanced Capital Budget 5-year plan. | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | |
| 7171062 | | | | Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan. Funding available in 2021. | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | 0 0 0 400,000 0 0 0 400,000 | | | | | | | | | | | | | |
| 2021 | 400,000 | 400,000 | 0 | Total 0 0 0 400,000 0 0 0 400,000 | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | 0 0 0 400,000 0 0 0 400,000 | | | | | | | | | | | | | |
| | 400,000 | 400,000 | 0 | Total 0 0 0 400,000 0 0 0 400,000 | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | |
| 2017 | January 23, 2017 | Growth: 0.0 % Maintenance: 0.0 % | | Phong Nguy | | | | | 2017 | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|------------------------------------|---------------------|---|
| Project # | OPS-028-18 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Concrete Road Panel Repair Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|----------------------------------|---|-------------|-------------|-----------------------------|-------------|-------------|--------------|------------------|-------------------|---|---|---|---------|-----------|-----------|------------|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | | |
| A new program will be established for repair of concrete road panels on arterial and collector roads throughout the City. These repairs are too large in scope to be considered a minor repair and are not full road rehabilitations, but significant funding is required to undertake these types of repairs. The City has 215 km of concrete arterial and collector roadways (including Riverside Dr.). Many of the required panel repairs are needed to extend them through their life cycle and prevent them from requiring total reconstruction earlier than planned. | | | | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 895,000 | 1,500,000 | 8,105,000 | 10,500,000 | | | | | | | | |
| 2020 | 0 | 0 | 0 | | Total | | | | | | | | 0 | 0 | 0 | 0 | 895,000 | 1,500,000 | 8,105,000 | 10,500,000 |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | | |
| 2022 | 895,000 | 895,000 | 0 | 160 | Capital Expenditure Reserve | | | | | | | | | | | | | | | |
| 2023 | 1,500,000 | 1,500,000 | 0 | | 0 | 0 | 0 | 0 | 0 | 650,000 | 0 | 650,000 | | | | | | | | |
| 2024+ | 8,105,000 | 8,105,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | |
| | 10,500,000 | 10,500,000 | 0 | | 0 | 0 | 0 | 0 | 895,000 | 850,000 | 8,105,000 | 9,850,000 | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | | | | | | | |
| Related Projects | | | | Unknown | Any budget deferral in approved funding will result in an increase in the operating budget for temporary road repairs and patching. | | | | | | 0 | 0 | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | | | | | | |
| 2018 | January 1, 2022 | Growth: 0.0 % Maintenance: 0.0 % | | Phong Nguy | | | | Ongoing | | | | | | | | | | | | |



Project Version Summary

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|-----------------------|--------------------------|---------------------|---|
| Project # | OPS-029-18 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Contracts, Field Services & Maintenance |
| Title | Curb Replacement Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Sewers | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|---------------------|----------------------------------|---------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|------------------|-------------------|---------|---|-----------|-----------|
| Project Description | | | | Version Description | | | | | | | | | | | | | |
| The City has approx. 1650 km of roadway that has curb and gutter. Many sections have been damaged or have reached their service life and require replacement . A new program has been established to allocate funding toward curb and gutter rehabilitation throughout the City. These repairs are too large in scope to be considered a minor concrete repair and are not full road rehabilitations but do require significant funding to maintain. | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 600,000 | 0 | 1,500,000 | 2,100,000 | | | | | |
| 2021 | 0 | 0 | 0 | | Total | | | | | | | | 0 | 600,000 | 0 | 1,500,000 | 2,100,000 |
| 2022 | 600,000 | 600,000 | 0 | Revenues | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 028 | Sewer Surcharge | | | | | | | | | | | | |
| 2024+ | 1,500,000 | 1,500,000 | 0 | | 0 | 0 | 0 | 0 | 300,000 | 0 | 1,500,000 | 1,800,000 | | | | | |
| | 2,100,000 | 2,100,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | |
| | | | | | 0 | 0 | 0 | 0 | 300,000 | 0 | 0 | 300,000 | | | | | |
| | | | | | Total | | | | | | | | 0 | 600,000 | 0 | 1,500,000 | 2,100,000 |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | | | | |
| | | | | Unknown | | | | | | | 0 | 0 | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | | | |
| 2018 | January 1, 2022 | Growth: 0.0 % Maintenance: 0.0 % | Phong Nguy | Ongoing | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-----------------------------|
| Project # | FRS-001-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Fleet |
| Title | Fire & Rescue First Response Vehicle Replacement Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | 2017 (Active) | | |

Project Description
 There is a need to maintain the replacement of fire apparatus consistent with the recommendation in the fire master plan. One of the difficulties in the acquisition of fire apparatus is the time between the decision to order and the actual delivery, which typically amounts to a minimum of 12 months. This delay makes it important to maintain an active fire truck replacement schedule to ensure that each vehicle is replaced within its normal service life.

Version Description
 Please see document attached for detailed Fire & Rescue First Response Vehicle Replacement Schedule.

Project Comments/Reference
 See Document Attached
 (Closed: 7051004/7074066/7101014/7131007/7111025)
 Active: 7121011 (2012 trucks)/7161031/7171013/7181025

Version Comments
 Pricing for the new trucks is an estimate and may fluctuate over the life of the plan. Any salvages received will be returned back to this reserve. Per CR363/2010, Report #14903 the funding source is the Fire Major Equipment Reserve (F163).

 As per CR666/2017, a municipal GHG Challenge Fund grant is being sought by Administration pre-committing the following funds by year:
 2018 - \$45,690
 2019 - \$0
 2020 - \$52,000

| Project Forecast | | Revenue | |
|-------------------------|----------------------|----------------------|------------------|
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> |
| 2018 | 47,000 | 47,000 | 0 |
| 2019 | 0 | 0 | 0 |
| 2020 | 52,000 | 52,000 | 0 |
| 2021 | 58,000 | 58,000 | 0 |
| 2022 | 2,775,000 | 2,775,000 | 0 |
| 2023 | 116,000 | 116,000 | 0 |
| 2024+ | 2,770,000 | 2,770,000 | 0 |
| | 5,818,000 | 5,818,000 | 0 |

| Project Detailed Forecast | | | | | | | | | |
|----------------------------------|---------------|-------------|---------------|---------------|------------------|----------------|------------------|------------------|--|
| <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | |
| Expenses | | | | | | | | | |
| 5110 Machinery & Equipment - TCA | | | | | | | | | |
| | 47,000 | 0 | 52,000 | 58,000 | 2,775,000 | 116,000 | 2,770,000 | 5,818,000 | |
| Total | 47,000 | 0 | 52,000 | 58,000 | 2,775,000 | 116,000 | 2,770,000 | 5,818,000 | |
| Revenues | | | | | | | | | |
| 163 Fire Major Equipment | | | | | | | | | |
| | 47,000 | 0 | 52,000 | 58,000 | 2,775,000 | 116,000 | 2,770,000 | 5,818,000 | |
| Total | 47,000 | 0 | 52,000 | 58,000 | 2,775,000 | 116,000 | 2,770,000 | 5,818,000 | |

| Historical Approved Budget | | Revenue | |
|-----------------------------------|----------------------|----------------------|------------------|
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> |
| 2007 | 500,000 | 500,000 | 0 |
| 2008 | 500,000 | 500,000 | 0 |
| 2009 | 556,700 | 556,700 | 0 |
| 2010 | 3,297,545 | 3,297,545 | 0 |
| 2011 | 2,410,684 | 2,410,684 | 0 |
| 2012 | 2,010,316 | 2,010,316 | 0 |
| 2013 | 75,000 | 37,500 | 37,500 |
| 2016 | 149,000 | 149,000 | 0 |
| 2017 | 636,000 | 636,000 | 0 |

| Related Projects | | | Operating Budget Impact | | |
|------------------|-----------------|------------------------------------|--|---|------------------------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | |
| 2007 | January 1, 2013 | Growth: 0.0 % Maintenance: 100.0 % | Angela Marazita/Fire Chief Steve Laforet | Ongoing | |
| | | | Effective Date | Description | Exp/(Rev) FTE Impact |
| | | | Unknown | Deferral of replacements contributes to increased repair and operating costs. | 0 0 |

FLEET REPLACEMENT SCHEDULE - FIRE FLEET

(source: FleetFocus as of July 24, 2017)

| <u>Unit</u> | <u>Description</u> | <u>Department</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> |
|---|---------------------------------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Class 120 - CUBE VANS (Life Cycle 9 - 11 Years) (Replacement cost includes \$15,000 per unit for lights/sirens) | | | | | | | | |
| 3024 | 2012 GMC SAVANA 3500 CUTAWAY CUBE VAN | APP | | | | 56,138 | | |
| Class 140 - SPORT UTILITY (Life Cycle 10 Years) (Replacement cost includes \$15,000 per unit for lights/sirens) | | | | | | | | |
| 3022 | 2013 CHEVROLET TAHOE LT SUV | APP | | | | | | 64,593 |
| 3035 | 2015 CHEVROLET TAHOE LT SUV 4X4 | APP | | | | | 65,918 | |
| 4040 | 2017 FORD EXPLORER SUV XLT 4X4 | APP | | | | | | |
| Class 155 - CROSS OVER (Life Cycle 8 - 10 Years) (Replacement cost includes \$15,000 per unit for lights/sirens) | | | | | | | | |
| 3015 | 2011 DODGE JOURNEY R/T AWD | APP | 45,724 | | | | | |
| Class 246 - CREW CABS (Life Cycle 9 - 11 Years) (Replacement cost includes \$15,000 per unit for lights/sirens) | | | | | | | | |
| 3023 | 2013 GMC SIERRA CREWCAB 6` BOX PICKUP | APP | | | 50,856 | | | |
| 3030 | 2015 FORD F250 CREWCAB 4X4 PICKUP | APP | | | | | 57,208 | |
| 3036 | 2015 FORD F250 CREWCAB 4X4 PICKUP | APP | | | | | 53,039 | |
| 4041 | 2016 FORD F250 CREWCAB PICKUP 4X4 | APP | | | | | | 49,306 |
| Class 330 - 22000 TO 28000 GVW TRUCKS (Life Cycle 10 - 12 Years) (Replacement cost includes \$15,000 per unit for lights/sirens) | | | | | | | | |
| 4039 | 2016 FREIGHTLINER MEDIUM CUBE TRUCK | APP | | | | | | |
| Class 4000 - FIRE RESCUE | | | | | | | | |
| 4013 | 2000 SPARTAN SAULSBURY ESU 1 | APP | | | | | | |
| Class 4100 - FIRE ENGINE (Replacment Cost includes \$80,000 per truck for equipment) | | | | | | | | |
| 4020 | 2003 SPARTAN ROSENBAUER GENERAL ENG 5 | APP | | | | | | |
| 4022 | 2007 PIERCE VELOCITY ENGINE 1 | APP | | | | | 846,063 | |
| 4023 | 2007 SPARTAN ROSENBAUER ENGINE 6 | APP | | | | | 846,063 | |
| 4024 | 2007 SPARTAN ROSENBAUER ENGINE 4 | APP | | | | | 846,063 | |
| 4025 | 2009 SPARTAN ROSENBAUER ENGINE 2 | APP | | | | | | |
| 4026 | 2009 SPARTAN ROSENBAUER ENGINE 7 | APP | | | | | | |
| 4027 | 2009 SPARTAN ROSENBAUER TANKER 8 | APP | | | | | | |
| 4031 | 2012 SPARTAN ROSENBAUER ENGINE 5 | APP | | | | | | |
| 4032 | 2012 SPARTAN ROSENBAUER ENGINE 1 | APP | | | | | | |
| 4043 | 2016 SPARTAN ROSENBAUER RESCUE PUMPER | APP | | | | | | |
| Class 4200 - FIRE TRAILERS | | | | | | | | |
| 4028 | 1999 VILT VT6 GENERATOR TRAILER | APP | | | | | | |
| 4029 | 1999 VILT VT6 GENERATOR TRAILER | APP | | | | | | |
| 4030 | 2008 SNOW 100 APPARATUS TRAILER | APP | | | | | | |
| 4042 | 2017 AMERICAN HAULER ARROW TRAILER | APP | | | | | | |
| Class 4300 - FIRE AERIAL (Replacment Cost includes \$80,000 per truck for equipment) | | | | | | | | |
| 4033 | 2013 SUTPHEN SP70 AERIAL PLATFORM | APP | | | | | | |

| <u>Unit</u> | <u>Description</u> | <u>Department</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | |
|--|-----------------------------------|-------------------|----------------------------------|---------------|---------------|---------------|------------------|------------------|----------------|
| 4034 | 2013 SUTPHEN SP70 AERIAL PLATFORM | APP | | | | | | | |
| 4035 | 2013 SUTPHEN SP95 AERIAL PLATFORM | APP | | | | | | | |
| 4036 | 2013 SUTPHEN SP95 AERIAL PLATFORM | APP | | | | | | | |
| Class 4400 - FIRE POLICE BUS | | | | | | | | | |
| 4037 | 2007 SPARTAN COMMAND POST BUS | APP | | | | | | | |
| Total Number of Active Units: 36 | | | Subtotal Replacement Cost | 45,724 | 0 | 50,856 | 56,138 | 2,714,354 | 113,899 |
| | | | Add: Non-Refundable HST | 805 | 0 | 895 | 988 | 47,773 | 2,005 |
| Total Replacement Cost Including Equipment/Fit-Up | | | 46,529 | 0 | 51,751 | 57,126 | 2,762,127 | 115,904 | |
| 2018 Budget Submission | | | 47,000 | 0 | 52,000 | 58,000 | 2,775,000 | 116,000 | |

Notes:

1. Total cost includes purchase price plus capitalization.
2. Estimated replacement cost represents total cost plus an annual inflation factor from the date of purchase. The inflation factor is currently set to 1%.
3. Fire and Rescue Services has a separate fleet replacement schedule. The replacement of Fire's small fleet is based on Public Works methodology.
4. Units are placed on the schedule based on an operational assessment. Units are evaluated annually based on a variety of factors to determine if replacements are required in the current year or can be extended.



Project Version Summary

| | | | |
|-----------------------|-------------------------------------|---------------------|-----------------------------|
| Project # | OPS-001-15 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Fleet |
| Title | Parks Equipment Replacement Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Parks & Recreation | | |
| Wards | City Wide | | |
| Version Name | 2017 (Active) | | |

| | | | |
|----------------------------|--|----------------------------|--|
| Project Description | This project is for the replacement of Parks Off-Road equipment. | Version Description | <p>Please see document attached for Parks Equipment Replacement schedule.</p> <p>The Parks off-road equipment is essential to the department and downtime due to equipment repairs results in lost productivity and man-hours, which results in the department's inability to meet expected service levels. Parks makes every effort to repair and in some cases rebuild equipment during the off-season.</p> <p>The Parks & Recreation departments have experienced significant growth with gateways, vacant lots, WFCU, etc. The Parks' off-road equipment inventory has grown with the workload but at the neglect of existing replacement needs.</p> |
|----------------------------|--|----------------------------|--|

| | | | |
|-----------------------------------|---|-------------------------|--|
| Project Comments/Reference | See Document Attached Closed: 7151005 Open: 7161001/7171017/7181015 | Version Comments | As per CR666/2017, a municipal GHG Challenge Fund grant is being sought by Administration pre-committing the following funds by year: 2018 - \$198,918 2019 - \$93,834 2020 - \$233,946 |
|-----------------------------------|---|-------------------------|--|

| Project Forecast | | Revenue | |
|------------------|------------------|------------------|-----------|
| Year | Total Expense | Net City Cost | Subsidies |
| 2018 | 617,000 | 617,000 | 0 |
| 2019 | 272,000 | 272,000 | 0 |
| 2020 | 733,000 | 733,000 | 0 |
| 2021 | 648,000 | 648,000 | 0 |
| 2022 | 591,000 | 591,000 | 0 |
| 2023 | 413,000 | 413,000 | 0 |
| 2024+ | 1,949,000 | 1,949,000 | 0 |
| | 5,223,000 | 5,223,000 | 0 |

| Project Detailed Forecast | | | | | | | | | |
|----------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|------------------|--|
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | |
| Expenses | | | | | | | | | |
| 5110 Machinery & Equipment - TCA | 617,000 | 272,000 | 733,000 | 648,000 | 591,000 | 413,000 | 1,949,000 | 5,223,000 | |
| Total | 617,000 | 272,000 | 733,000 | 648,000 | 591,000 | 413,000 | 1,949,000 | 5,223,000 | |
| Revenues | | | | | | | | | |
| 197 Off-Road Fleet Replacement | 617,000 | 272,000 | 733,000 | 648,000 | 591,000 | 413,000 | 1,949,000 | 5,223,000 | |
| Total | 617,000 | 272,000 | 733,000 | 648,000 | 591,000 | 413,000 | 1,949,000 | 5,223,000 | |

| Historical Approved Budget | | Revenue | |
|----------------------------|---------------|---------------|-----------|
| Year | Total Expense | Net City Cost | Subsidies |
| 2015 | 345,060 | 345,060 | 0 |
| 2016 | 702,000 | 702,000 | 0 |
| 2017 | 459,000 | 459,000 | 0 |

| | | | | | |
|-------------------------|--------------------------------|-----------------------|--|------------------|-------------------|
| Related Projects | Operating Budget Impact | Effective Date | Description | Exp/(Rev) | FTE Impact |
| | | Unknown | Deferral of replacements contributes to increased repair and operating costs as users require units to be operational to meet expected service levels. | 0 | 0 |

| | | | | |
|------------------------|-------------------|------------------------------------|---------------------|-----------------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date |
| 2015 | January 1, 2015 | Growth: 0.0 % Maintenance: 100.0 % | Angela Marazita | Ongoing |

FLEET REPLACEMENT SCHEDULE - PARKS OFF ROAD FLEET

(source: FleetFocus as of July 24, 2017)

| <u>Unit</u> | <u>Description</u> | <u>Department</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> |
|--|--|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Class 5000 - ZAMBONIS - (LIFE CYCLE 8-10 YEARS) | | | | | | | | |
| 5003 | 1999 ZAMBONI RESURFACING ICE MACHINE | ORREC | 91,117 | | | | | |
| 5004 | 2008 ZAMBONI ICE RESURFACING MACHINE | ORREC | | | | | 106,522 | |
| 5007 | 2009 ZAMBONI ICE RESURFACING MACHINE | ORREC | | | | | | 108,608 |
| 5009 | 2001 ZAMBONI RESURFACING ICE MACHINE | ORREC | | 81,973 | | | | |
| 5011 | 2003 ZAMBONI RESURFACING ICE MACHINE | ORREC | | | 101,620 | | | |
| 5012 | 2005 ZAMBONI RESURFACING ICE MACHINE | ORREC | | | | | 109,229 | |
| 5013 | 2014 ZAMBONI RESURFACING ICE MACHINE | ORREC | | | | | | |
| 5014 | 2015 ZAMBONI RESURFACING ICE MACHINE | ORREC | | | | | | |
| 5015 | 2016 ZAMBONI RESURFACING ICE MACHINE | ORREC | | | | | | |
| Class 5100 - 10' MOWERS - (LIFE CYCLE 8-10 YEARS) | | | | | | | | |
| 5102 | 2014 TORO 4000-D 10' MOWER | ORPARKS | | | | | 69,250 | |
| 5103 | 2014 TORO 4000-D 10' MOWER | ORPARKS | | | | | 69,250 | |
| 5104 | 2011 TORO GROUNDMASTER 4000-D MOWER | ORPARKS | | | | 49,851 | | |
| 5105 | 2011 TORO 4000-D 10' MOWER | ORPARKS | | | | 49,851 | | |
| 5106 | 2011 TORO GROUNDMASTER 4000-D MOWER | ORPARKS | | | | 49,851 | | |
| 5107 | 2011 TORO GROUNDMASTER 4000-D MOWER | ORPARKS | | | | 49,851 | | |
| 5113 | 2008 JACOBSEN 10' CUT WIDTH MOWER | ORPARKS | 48,600 | | | | | |
| 5114 | 2015 JACOBSEN 10' CUT WIDE AREA MOWER | ORPARKS | | | | | | 61,116 |
| 5115 | 2015 JACOBSEN R311T4F 10' MOWER | ORPARKS | | | | | | 61,116 |
| 5116 | 2016 TORO 4400-D GROUNDMASTER MOWER | ORPARKS | | | | | | |
| 5117 | 2016 TORO 4400-D 120 INCH ROTARY MOWER | ORPARKS | | | | | | |
| 5118 | 2016 GROUNDMASTER 10 FT WINGED MOWER | ORPARKS | | | | | | |
| 5119 | 2016 GROUNDMASTER 10 FT WINGED MOWER | ORPARKS | | | | | | |
| 5120 | 2016 GROUNDMASTER 10 FT WINGED MOWER | ORPARKS | | | | | | |
| Class 5130 - 16' MOWERS - (LIFE CYCLE 8-10 YEARS) | | | | | | | | |
| 5130 | 2014 TORO 5900-D WINGED MOWER | ORPARKS | | | | | | 88,631 |
| 5131 | 2008 JACOBSEN HR9016 ROTARY MOWER | ORPARKS | 76,950 | | | | | |
| 5132 | 2008 JACOBSEN 16' SELF-PROPELLED MOWER | ORPARKS | | 103,264 | | | | |
| 5133 | 2009 JACOBSEN 9016 WINGED MOWER | ORPARKS | 101,198 | | | | | |
| 5134 | 2010 JACOBSEN 9016 WINGED MOWER | ORPARKS | | | 75,587 | | | |
| 5135 | 2014 TORO 5900-D 16' WINGED MOWER | ORPARKS | | | | | 86,822 | |

| <u>Unit</u> | <u>Description</u> | <u>Department</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> |
|--|---|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 5136 | 2016 JACOBSEN 9016 16` WIDE AREA MOWER | ORPARKS | | | | | | |
| 5142 | 2011 KUBOTA MOWER / PAINT STRIPER | ORPARKS | | | | | 48,450 | |
| 5144 | 2007 TORO 192" CUT WIDTH MOWER | ORPARKS | 89,367 | | | | | |
| 5146 | 2015 JACOBSEN HR-705 16` MOWER | ORPARKS | | | | | | |
| 5147 | 2015 JACOBSEN HR-705 16` MOWER | ORPARKS | | | | | | |
| 5148 | 2016 TORO 5900-D GROUNDSMASTER MOWER | ORPARKS | | | | | | |
| 5149 | 2016 JACOBSEN SPORTS STRIPPER | ORPARKS | | | | | | |
| 5150 | 2017 JACOBSEN 16` MOWER | ORPARKS | | | | | | |
| Class 5160 - ZERO TURN MOWERS - (LIFE CYCLE 8-10 YEARS) | | | | | | | | |
| 5160 | 2012 KUBOTA 16` ZERO TURN MOWER | ORPARKS | | | | | | 14,500 |
| 5161 | 2011 KUBOTA 16` ZERO TURN MOWER | ORPARKS | | 17,676 | | | | |
| 5162 | 2011 KUBOTA 16` ZERO TURN MOWER | ORPARKS | | 17,676 | | | | |
| 5163 | 2011 KUBOTA 16` ZERO TURN MOWER | ORPARKS | | 17,478 | | | | |
| 5164 | 2012 KUBOTA 16` ZERO TURN MOWER | ORPARKS | | | | | | 18,966 |
| 5165 | 2012 KUBOTA 16` ZERO TURN MOWER | ORPARKS | | | | | | 18,966 |
| 5166 | 2012 KUBOTA 16` ZERO TURN MOWER | ORPARKS | | | | | | 14,500 |
| 5168 | 2016 KUBOTA ZD-331-LP 6` MOWER | ORPARKS | | | | | | |
| Class 5180 - SLOPE MOWERS - (LIFE CYCLE 8-10 YEARS) | | | | | | | | |
| 5180 | 2008 DVORAK ROTARY SLOPE MOWER | ORPARKS | | | 48,438 | | | |
| 5181 | 2015 STEINER STEEP SLOPE CUTTING MOWER | ORPARKS | | | | | | |
| 5182 | 2015 STEINER STEEP SLOPE CUTTING MOWER | ORPARKS | | | | | | |
| Class 5190 - TOW BEHIND MOWERS - (LIFE CYCLE 8-10 YEARS) | | | | | | | | |
| 5190 | 2002 WOODS 3180-3 15` FLEX WINGED MOWER | ORPARKS | | | 24,879 | | | |
| 5192 | 2003 WOODS TOW TYPE ROTARY MOWER | ORPARKS | | | 25,535 | | | |
| Class 5200 - ALL TERRAIN VEHICLES - (LIFE CYCLE 8-10 YEARS) | | | | | | | | |
| 5201 | 2010 CLUB CAR CARRYALL 272 GOLF CART | ORPARKS | | | 15,836 | | | |
| 5202 | 2010 CLUB CAR CARRYALL 272 GOLF CART | ORPARKS | | | 15,836 | | | |
| 5213 | 2001 BOBCAT PIONEER GOLF CART | ORPARKS | | | 19,030 | | | |
| 5214 | 2001 BOBCAT PIONEER GOLF CART | ORPARKS | | | 19,030 | | | |
| 5215 | 2011 BOBCATMODEL 3200 GOLF CART | ORPARKS | | | | 11,875 | | |
| 5216 | 2001 BOBCAT PIONEER 1200 GOLF CART | ORPARKS | | | 19,030 | | | |
| 5217 | 2001 BOBCAT PIONEER 2100 GOLF CART | ORPARKS | | | 19,030 | | | |
| 5218 | 2003 BOBCAT WORKMATE 2100 GOLF CART | ORPARKS | 18,046 | | | | | |
| 5219 | 2003 BOBCAT WORKMATE 2100 GOLF CART | ORPARKS | 18,046 | | | | | |
| 5220 | 2003 BOBCAT WORKMATE 2100 GOLF CART | ORPARKS | 18,046 | | | | | |
| 5221 | 2003 BOBCAT WORKMATE 2100 GOLF CART | ORPARKS | 18,046 | | | | | |

| <u>Unit</u> | <u>Description</u> | <u>Department</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> |
|---|--------------------------------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 5222 | 2004 CLUB CAR CARRYALL 272 GOLF CART | ORPARKS | 12,708 | | | | | |
| 5223 | 2004 CLUB CAR CARRYALL 272 GOLF CART | ORPARKS | 14,203 | | | | | |
| 5224 | 2006 CLUB CAR CARRYALL 272 GOLF CART | ORPARKS | | | 13,973 | | | |
| 5225 | 2006 JOHN DEERE HPX 4X4 GATOR | ORPARKS | | | 17,642 | | | |
| 5227 | 2013 BOBCAT MODEL 5600-F W/SPREADER | ORPARKS | | | | 47,560 | | |
| 5232 | 2013 BOBCAT MODEL 3200 ATV | ORPARKS | | | | | | |
| 5234 | 2013 BOBCAT MODEL 3200 ATV | ORPARKS | | | | | | |
| 5236 | 2016 KUBOTA RTV1100 UTILITY VEHICLE | ORPARKS | | | | | | |
| 5237 | 2016 KUBOTA RTV1100 UTILITY VEHICLE | ORPARKS | | | | | | |
| 5238 | 2016 KUBOTA RTV500 UTILITY VEHICLE | ORPARKS | | | | | | |
| 5239 | 2016 KUBOTA RTV500 UTILITY VEHICLE | ORPARKS | | | | | | |
| 5240 | 2016 KUBOTA RTV500 UTILITY VEHICLE | ORPARKS | | | | | | |
| 5241 | 2016 KUBOTA RTV500 UTILITY VEHICLE | ORPARKS | | | | | | |
| 5242 | 2016 KUBOTA RTV500 UTILITY VEHICLE | ORPARKS | | | | | | |
| 5243 | 2016 YAMAHA CONCIERGE 6 ART CART | ORREC | | | | | | |
| Class 5270 - TOOLCATS - (LIFE CYCLE 8-10 YEARS) | | | | | | | | |
| 5270 | 2008 BOBCAT MODEL 5600 TURBO TOOLCAT | ORPARKS | 41,998 | | | | | |
| 5271 | 2013 BOBCAT MODEL 5600-F TOOLCAT | ORPARKS | | | | 59,608 | | |
| 5272 | 2013 BOBCAT MODEL 5600-F TOOLCAT | ORPARKS | | | | 59,608 | | |
| 5273 | 2016 BOBCAT MODEL 5600-F TOOLCAT | ORPARKS | | | | | | |
| Class 5300 - TRACTORS - (LIFE CYCLE 15-20 YEARS) | | | | | | | | |
| 5301 | 2010 KUBOTA L3240D TRACTOR | ORPARKS | | | | 49,952 | | |
| 5302 | 1999 CASE MODEL CX50A TRACTOR | ORPARKS | | | 82,079 | | | |
| 5303 | 1997 KUBOTA L4200D TRACTOR | ORPARKS | | | 59,222 | | | |
| 5305 | 1995 KUBOTA L4200D TRACTOR | ORPARKS | 57,521 | | | | | |
| 5309 | 2011 KUBOTA L3940 TRACTOR | ORPARKS | | | | 33,705 | | |
| 5311 | 2011 KUBOTA L3940 TRACTOR | ORPARKS | | | | 33,705 | | |
| 5312 | 2011 KUBOTA L3940 TRACTOR | ORPARKS | | | | 33,705 | | |
| 5313 | 2011 KUBOTA L3940 TRACTOR | ORPARKS | | | | 33,705 | | |
| 5315 | 1990 FORD 250-C TRACTOR | ORPARKS | | | 27,949 | | | |
| 5316 | 1990 FORD 250-C TRACTOR | ORPARKS | | | 27,949 | | | |
| 5317 | 1990 FORD 250-C TRACTOR | ORPARKS | | | 27,949 | | | |
| 5318 | 1988 JOHN DEERE INTERSTATER TRACTOR | ORPARKS | | | 78,849 | | | |
| Class 5400 - SKID STEER / LOADERS - (LIFE CYCLE 10-15 YEARS) | | | | | | | | |
| 5403 | 2014 BOBCAT SKID STEER LOADER | ORPARKS | | | | | | |
| 5404 | 2011 MELROE BOBCAT SKID STEER LOADER | ORPARKS | | | | | 40,548 | |

| <u>Unit</u> | <u>Description</u> | <u>Department</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> |
|--|--------------------------------------|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Class 5500 - FORK LIFTS - (LIFE CYCLE 20-22 YEARS) | | | | | | | | |
| 5501 | 2012 STARKE FORKLIFT | ORPARKS | | | | | 28,209 | |
| 5503 | 2003 NOBLE 8 TON FORKLIFT | ORHORT | | | | | | |
| Class 5600 - RAKES - (LIFE CYCLE 12-15 YEARS) | | | | | | | | |
| 5601 | 2013 TORO MODEL 3040 SAND PRO RAKE | ORPARKS | | | | | | 19,375 |
| 5607 | 2014 TORO MODEL 3040 SAND PRO RAKE | ORPARKS | | | | | | |
| 5623 | 2001 BANNERMAN QUICK SLITT PLANTER | ORPARKS | | 28,771 | | | | |
| 5644 | 2011 SMITHCO SAND BUNKER RAKE | ORPARKS | | | | 17,600 | | |
| 5678 | 2011 TURFCO TURF CARE ATTACHMENT | ORPARKS | | | | 13,729 | | |
| 5679 | 2011 SCARIFIER TURF MAINT ATTACHMENT | ORPARKS | | | | 21,010 | | |
| 5680 | BLADE SHARPENING CABINET | ORPARKS | | | | 20,790 | | |
| Class 5700 - ATTACHMENTS - (LIFE CYCLE 20-22 YEARS) | | | | | | | | |
| 5701 | 2008 HORST SNOW PLOW BLADE | ORPARKS | | | | | 21,808 | |
| Subtotal Replacement Cost | | | 605,843 | 266,837 | 719,460 | 635,956 | 580,088 | 405,777 |
| Non-Refundable HST | | | 10,664 | 4,697 | 12,664 | 11,194 | 10,211 | 7,142 |
| Total Replacement Cost | | | 616,507 | 271,534 | 732,124 | 647,150 | 590,298 | 412,920 |
| 2018 Budget Submission | | | 617,000 | 272,000 | 733,000 | 648,000 | 591,000 | 413,000 |

Notes:

1. Total cost includes purchase price plus capitalization.
2. Estimated replacement cost represents total cost plus an annual inflation factor from the date of purchase. The inflation factor is currently set to 1%.
3. Units are placed on the schedule based on an operational assessment. Units are evaluated annually based on a variety of factors to determine if replacements are required in
4. Highlighted costs in Year 1 indicate replacements scheduled in previous years. They are not included in the total cost for that year.



Project Version Summary

| | | | |
|-----------------------|---------------------------------|---------------------|-----------------------------|
| Project # | OPS-001-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | | Division | Fleet |
| Title | Fuel Site Equipment Replacement | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | |
|---|----------------------|----------------------------------|--|--|-------------|-------------|-----------------------------|-------------|-------------|------------------|-------------------|--------------|
| Project Description | | | Version Description | | | | | | | | | |
| The City of Windsor owns and operates ten (10) fuel sites across the city for corporate use and one (1) retail station located at Lakeview Park Marina. Funds are required to cover the cost required to maintain fuel sites in compliance with the legislated requirements of the Liquid Fuels Handling Code which is monitored by the Technical Standards and Safety Authority (TSSA). | | | A detailed replacement schedule including all sites and equipment with required funding by year is attached for information. | | | | | | | | | |
| Project Comments/Reference | | | Version Comments | | | | | | | | | |
| See Document Attached | | | | | | | | | | | | |
| Project Forecast | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 Machinery & Equipment - TCA | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 20,000 | 0 | 310,340 | 42,350 | 79,780 | 452,470 |
| 2020 | 20,000 | 20,000 | 0 | Total | 0 | 0 | 20,000 | 0 | 310,340 | 42,350 | 79,780 | 452,470 |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | |
| 2022 | 310,340 | 310,340 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | |
| 2023 | 42,350 | 42,350 | 0 | | 0 | 0 | 20,000 | 0 | 310,340 | 42,350 | 79,780 | 452,470 |
| 2024+ | 79,780 | 79,780 | 0 | Total | 0 | 0 | 20,000 | 0 | 310,340 | 42,350 | 79,780 | 452,470 |
| | 452,470 | 452,470 | 0 | | | | | | | | | |
| Historical Approved Budget | | | Operating Budget Impact | | | | | | | | | |
| Related Projects | | | Effective Date | Description | | | | | | Exp/(Rev) | FTE Impact | |
| | | | Unknown | Any budget deferrel in approved funding will result in an increase in operating costs to maintain equipment and comply with legislated requirements. | | | | | | 0 | 0 | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | Est. Completion Date | | | | | |
| 2017 | January 1, 2020 | Growth: 0.0 % Maintenance: 0.0 % | Angela Marazita | | | | Ongoing | | | | | |

Fuel Site Equipment Replacement Schedule 2018 to 2023

~ Updated as of August 16, 2017

| Fuel Site | Component | Installation Year | Expected Life* | Replacement Year** | Replacement Cost*** | Required Capital Budget by Year**** | | | | | | | | |
|-----------------|---|-------------------|----------------|--------------------|---------------------|-------------------------------------|----------|--------------|----------|---------------------|--------------|----------|----------------------|---------------------|
| | | | | | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | | | |
| Crawford Yard | 2 x 22700L UST Fuel Tank | 1990 | 30-40 years | 2020 | \$ 200,000.00 | | | | | \$ 236,000.00 | | | | |
| | 2 x Dispenser w/ Fuel Pumps | 2009 | 10-15 years | 2024 | \$ 35,000.00 | | | | | | | | | |
| | FuelFocus Controller | 2009 | 10 years | 2019 | \$ 18,000.00 | | | | | \$ 21,240.00 | | | | |
| | VeederRoot | 2009 | 20-25 years | 2029 | \$ 45,000.00 | | | | | | | | | |
| | Underground Piping | 2009 | 20-25 years | 2029 | \$ 50,000.00 | | | | | | | | | |
| | Canopy | 2009 | 20-25 years | 2029 | \$ 110,000.00 | | | | | | | | | |
| Parks McDougall | 4600L AST Fuel Tank | 2014 | 15-25 years | 2034 | \$ 10,000.00 | | | | | | | | | |
| | 7500L AST Fuel Tank w/ Steps | 2014 | 15-25 years | 2034 | \$ 15,000.00 | | | | | | | | | |
| | 2 x Dispenser w/ Fuel Pumps | 1991 | 10-15 years | 2017 | \$ 30,000.00 | | | \$ 20,000.00 | | \$ 35,400.00 | | | | |
| | FuelFocus Controller | 2009 | 10 years | 2019 | \$ 15,000.00 | | | | | \$ 17,700.00 | | | | |
| Little River | 2 x 4600L AST Fuel Tank + Fill-Rite Pumps | 2010 | 15-25 years | 2030 | \$ 14,000.00 | | | | | | | | | |
| | FuelFocus Controller | 2010 | 10 years | 2020 | \$ 15,000.00 | | | | | | \$ 18,150.00 | | | |
| Malden Park | 2 x 2300L AST Fuel Tank + Fill-Rite Pumps | 2012 | 15-25 years | 2032 | \$ 10,000.00 | | | | | | | | | |
| | FuelFocus Controller | 2014 | 10 years | 2024 | \$ 15,000.00 | | | | | | | | | |
| Solid Waste | 4600L AST Fuel Tank + Fill-Rite Pump | 2011 | 15-25 years | 2031 | \$ 7,000.00 | | | | | | | | | |
| | FuelFocus Controller | 2011 | 10 years | 2021 | \$ 15,000.00 | | | | | | \$ 18,150.00 | | | |
| Fire Station #1 | 4500L UST Fuel Tank***** | 1991 | 30-40 years | 2021 | \$ 5,000.00 | | | | | | \$ 6,050.00 | | | |
| | 2200L AST Fuel Tank + Fill-Rite Pump | 2016 | 15-25 years | 2036 | \$ 5,000.00 | | | | | | | | | |
| Fire Station #2 | 4500L AST Fuel Tank + Fill-Rite Pump | 2005 | 15-25 years | 2025 | \$ 7,000.00 | | | | | | | | | |
| Fire Station #3 | 4500L AST Fuel Tank + Fill-Rite Pump | 2005 | 15-25 years | 2025 | \$ 7,000.00 | | | | | | | | | |
| Fire Apparatus | 2 x 2200L AST Fuel Tank + Fill-Rite Pumps | 1998 | 15-25 years | 2018 | \$ 10,000.00 | | | | | | | | | |
| Lakeview Marina | 2 x 45400L UST Fuel Tanks w/ Fuel Pumps | 1981 | 20 years | 2016 | \$ 300,000.00 | | | | | | | | | |
| | 2 x Dispenser | 1981 | 10-15 years | | | | | | | | | | | |
| | Electronic Line Detection System | 2012 | 20-25 years | | | | | | | | | | | |
| | Underground Piping | 1981 | 20-25 years | | | | | | | | | | | |
| Totals: | | | | | | \$ | - | \$ | - | \$ 20,000.00 | \$ | - | \$ 310,340.00 | \$ 42,350.00 |

*Expected life ranges provided by MWH Petroleum, Waddick Fuels, and AssetWorks.

**Replacement year to be selected within expected life range. Historically, above ground storage tanks have lasted 20 years on average and dispensers over 15 years. Replacements of all other components have been assigned to the first year of the expected life range.

***Replacement costs based on estimates provided by suppliers and inflated historical costs and do not include clean up costs of any contaminated soil or ground water. See the Replacement Cost Estimates sheet for details by component. Replacement cost for Lakeview Marina fuel site not estimated by Technical Support. It is based on the approved 2016 capital budget amount (details not known).

****Replacement costs from 2016 inflated annually by 3% (not compounded).

*****Underground unleaded fuel tank to be replaced with 2200L aboveground fuel tank with fill-rite pump. The replacement cost is reflected accordingly.



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-----------------------------|
| Project # | OPS-002-16 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Fleet |
| Title | Corporate Fuel Site Automation Initiatives | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | 2017 (Active) | | |

| | |
|---|---|
| Project Description | Version Description |
| <p>The City of Windsor owns and operates 9 corporate fuel sites. 5 of the sites are automated with the City's fuel management system. The remaining 4 sites are located at Fire stations across the city and rely on manual records. The Fire fuel sites are as follows: Station # 1 – 815 Goyeau Street Station # 2 – 3121 Milloy Station # 3 – 2750 Ouellette Apparatus – 2885 Kew Drive This project is to address the implementation of the City's fuel management system (FuelFocus) at these 4 Fire fuel sites as per the Fuel Site Review completed in 2014.</p> <p>Automation of the fuel site at the Apparatus Division of Fire, 2885 Kew Drive, was completed in 2017.</p> | <p>Implementation of the automated fuel management system will result in many benefits including the following:</p> <ul style="list-style-type: none"> • Greater efficiency – Because FuelFocus is integrated with our current Fleet Management System, all pertinent information is maintained in a single database eliminating the need for multiple systems which will improve the efficiency of the operation and provide for adequate financial controls. It will also eliminate human error inherent with manual data entry. • Cost Savings – FuelFocus will not allow operators to pump more fuel into their vehicle than its known fuel tank capacity, or allow the wrong type of fuel to be dispensed. • Accuracy and Consistency of Information – With a single data source, key information is always current (e.g. work information, fuel transactions). The timeliness of preventative maintenance scheduling is improved with more accurate hour meter and odometer readings. It also will restrict access to unauthorized users. <p>The estimated cost for this project includes the purchase of hardware for each site, software licenses and installation services.</p> |

| | |
|-----------------------------------|-------------------------|
| Project Comments/Reference | Version Comments |
| 7161032 | |

| Project Forecast | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------------------|----------------|-----------|--------|--------|--------|---------------|---------------|-----------|--|------|---|---|---|--|------|---|---|---|--|------|---|---|---|--|------|--------|--------|---|--|------|--------|--------|---|--|------|--------|--------|---|--|-------|--------|--------|---|--|--|----------------|----------------|----------|--|---|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-----------------------------------|--|--|--|--|--|--|--|--|--|---|---|---|--------|--------|--------|--------|---------|-------|---|---|---|--------|--------|--------|--------|---------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|--|--|--|--|--|--|--|--|--|---|---|---|--------|--------|--------|--------|---------|-------|---|---|---|--------|--------|--------|--------|---------|
| <table border="1" style="width: 100%;"> <thead> <tr> <th colspan="2"></th> <th colspan="3" style="text-align: center;">Revenue</th> </tr> <tr> <th style="text-align: left;">Year</th> <th style="text-align: right;">Total Expense</th> <th style="text-align: right;">Net City Cost</th> <th colspan="2" style="text-align: right;">Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td style="text-align: right;">0</td><td style="text-align: right;">0</td><td colspan="2" style="text-align: right;">0</td></tr> <tr><td>2019</td><td style="text-align: right;">0</td><td style="text-align: right;">0</td><td colspan="2" style="text-align: right;">0</td></tr> <tr><td>2020</td><td style="text-align: right;">0</td><td style="text-align: right;">0</td><td colspan="2" style="text-align: right;">0</td></tr> <tr><td>2021</td><td style="text-align: right;">50,000</td><td style="text-align: right;">50,000</td><td colspan="2" style="text-align: right;">0</td></tr> <tr><td>2022</td><td style="text-align: right;">50,000</td><td style="text-align: right;">50,000</td><td colspan="2" style="text-align: right;">0</td></tr> <tr><td>2023</td><td style="text-align: right;">50,000</td><td style="text-align: right;">50,000</td><td colspan="2" style="text-align: right;">0</td></tr> <tr><td>2024+</td><td style="text-align: right;">50,000</td><td style="text-align: right;">50,000</td><td colspan="2" style="text-align: right;">0</td></tr> <tr> <td></td> <td style="text-align: right; border-top: 1px solid black;">200,000</td> <td style="text-align: right; border-top: 1px solid black;">200,000</td> <td colspan="2" style="text-align: right; border-top: 1px solid black;">0</td> </tr> </tbody> </table> | | | Revenue | | | Year | Total Expense | Net City Cost | Subsidies | | 2018 | 0 | 0 | 0 | | 2019 | 0 | 0 | 0 | | 2020 | 0 | 0 | 0 | | 2021 | 50,000 | 50,000 | 0 | | 2022 | 50,000 | 50,000 | 0 | | 2023 | 50,000 | 50,000 | 0 | | 2024+ | 50,000 | 50,000 | 0 | | | 200,000 | 200,000 | 0 | | <table border="1" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">50,000</td> <td style="text-align: right;">50,000</td> <td style="text-align: right;">50,000</td> <td style="text-align: right;">50,000</td> <td style="text-align: right;">200,000</td> </tr> <tr> <td style="text-align: right;">Total</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">50,000</td> <td style="text-align: right;">50,000</td> <td style="text-align: right;">50,000</td> <td style="text-align: right;">50,000</td> <td style="text-align: right;">200,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">50,000</td> <td style="text-align: right;">50,000</td> <td style="text-align: right;">50,000</td> <td style="text-align: right;">50,000</td> <td style="text-align: right;">200,000</td> </tr> <tr> <td style="text-align: right;">Total</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">50,000</td> <td style="text-align: right;">50,000</td> <td style="text-align: right;">50,000</td> <td style="text-align: right;">50,000</td> <td style="text-align: right;">200,000</td> </tr> </tbody> </table> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5410 Construction Contracts - TCA | | | | | | | | | | 0 | 0 | 0 | 50,000 | 50,000 | 50,000 | 50,000 | 200,000 | Total | 0 | 0 | 0 | 50,000 | 50,000 | 50,000 | 50,000 | 200,000 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | | | | | | | | | | 0 | 0 | 0 | 50,000 | 50,000 | 50,000 | 50,000 | 200,000 | Total | 0 | 0 | 0 | 50,000 | 50,000 | 50,000 | 50,000 | 200,000 |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 200,000 | 200,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 0 | 50,000 | 50,000 | 50,000 | 50,000 | 200,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 50,000 | 50,000 | 50,000 | 50,000 | 200,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 0 | 50,000 | 50,000 | 50,000 | 50,000 | 200,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 50,000 | 50,000 | 50,000 | 50,000 | 200,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Historical Approved Budget | Revenue | | | | | | | | |
|--|----------------|---------------|---------------|-----------|------|--------|--------|---|--|
| <table border="1" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Year</th> <th style="text-align: right;">Total Expense</th> <th style="text-align: right;">Net City Cost</th> <th style="text-align: right;">Subsidies</th> </tr> </thead> <tbody> <tr> <td>2016</td> <td style="text-align: right;">25,000</td> <td style="text-align: right;">25,000</td> <td style="text-align: right;">0</td> </tr> </tbody> </table> | Year | Total Expense | Net City Cost | Subsidies | 2016 | 25,000 | 25,000 | 0 | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | |
| 2016 | 25,000 | 25,000 | 0 | | | | | | |

| Related Projects | Operating Budget Impact | | | | | | | | |
|-------------------------|--|----------------|-------------|-----------|------------|---------|---|---|---|
| | <table border="1" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Effective Date</th> <th style="text-align: left;">Description</th> <th style="text-align: right;">Exp/(Rev)</th> <th style="text-align: right;">FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>Fuel site automation will result in increased annual software maintenance costs</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> </tr> </tbody> </table> | Effective Date | Description | Exp/(Rev) | FTE Impact | Unknown | Fuel site automation will result in increased annual software maintenance costs | 0 | 0 |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | |
| Unknown | Fuel site automation will result in increased annual software maintenance costs | 0 | 0 | | | | | | |

| | | | | |
|------------------------|-------------------|----------------------------------|---------------------|-----------------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date |
| 2016 | January 1, 2016 | Growth: 0.0 % Maintenance: 0.0 % | Angela Marazita | Ongoing |



Project Version Summary

| | | | |
|-----------------------|-------------------------------|---------------------|-----------------------------|
| Project # | OPS-002-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | | Division | Fleet |
| Title | Fuel Site Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | Ward 3 | | |
| Version Name | Main (Active) | | |

| |
|--|
| Project Description |
| <p>The City of Windsor owns and operates 10 fuel sites at the following locations:</p> <p>Crawford Yard - 1531 Crawford Avenue McDougall Parks Yard – 2461 McDougall Malden Park – 4255 Matchette Road Little River Parks Yard – 9578 Little River Road Environmental Services Yard – 3540 North Service Road Fire Station #1 – 815 Goyeau Street Fire Station #2 – 3121 Milloy Fire Station #3 – 2750 Ouellette Avenue Fire Apparatus – 2885 Kew Drive Lakeview Park Marina – 9200 Riverside Drive East</p> <p>On behalf of the government of Ontario, the Technical Standards and Safety Authority (TSSA) regulates fuel sites to ensure conformance to the Technical Standards and Safety Act, 2000, and applicable regulations, codes and standards. The Liquid Fuels Handling Code is a provincial code developed by the TSSA and regulates the storage and handling of fuels at bulk plants, marinas, retail outlets and private outlets.</p> <p>This project is to ensure the safe operation of all corporate fuel sites and to maintain compliance with provincial regulations.</p> |

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| Version Description |
| <p>Funds are required at the fuel site located at Fire Headquarters to cover the costs to remove the underground unleaded and diesel fuel tanks, install a new above ground unleaded tank, and to automate the fuel site with the corporate fuel management system.</p> <p>Work to be Completed in 2022: * \$24,000 - Removal & disposal of the underground tanks including site restoration * \$35,000 - Remediation of site in case of contamination of soil/groundwater (estimate based on previous site remediation at a former Fire fuel site location) * \$ 4,000 - Installation of new 2,200 litre aboveground tank for unleaded fuel * \$ 3,000 - Install an emergency shut-off right at the pumps and another at the building to comply with proposed change to the Liquid Fuels Handling Code * \$44,000 - Installation of FuelFocus ICU including hardware, software licence and work require to make the site ready for the ICU installation (electrical, network, etc.) * \$22,000 - Contingency</p> <p>The Liquid Fuels Handling Code 2017 was adopted by the TSSA on June 14, 2017 and is effective October 1, 2017. As a result, improvements are required to ensure compliance with the new regulation.</p> |

| |
|-----------------------------------|
| Project Comments/Reference |
| |

| |
|-------------------------|
| Version Comments |
| |

| | | | | |
|-------------------------|----------------|----------------------|----------------------|------------------|
| Project Forecast | Revenue | | | |
| | Year | Total Expense | Net City Cost | Subsidies |
| | 2018 | 0 | 0 | 0 |
| | 2019 | 0 | 0 | 0 |
| | 2020 | 0 | 0 | 0 |
| | 2021 | 0 | 0 | 0 |
| | 2022 | 132,000 | 132,000 | 0 |
| | 2023 | 0 | 0 | 0 |
| | 2024+ | 50,000 | 50,000 | 0 |
| | | 182,000 | 182,000 | 0 |

| | | | | | | | | | |
|----------------------------------|-------------------------------------|-------------|-------------|-------------|-------------|----------------|-------------|---------------|----------------|
| Project Detailed Forecast | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Expenses | | | | | | | | | |
| | 5110 Machinery & Equipment - TCA | 0 | 0 | 0 | 0 | 132,000 | 0 | 50,000 | 182,000 |
| | Total | 0 | 0 | 0 | 0 | 132,000 | 0 | 50,000 | 182,000 |
| Revenues | | | | | | | | | |
| | 169 Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 132,000 | 0 | 50,000 | 182,000 |
| | Total | 0 | 0 | 0 | 0 | 132,000 | 0 | 50,000 | 182,000 |

| |
|-----------------------------------|
| Historical Approved Budget |
| |

| Related Projects | | | Operating Budget Impact | | |
|------------------|-----------------|----------------------------------|-------------------------|--|----------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | |
| 2017 | January 1, 2017 | Growth: 0.0 % Maintenance: 0.0 % | Angela Marazita | Ongoing | |
| | | | Effective Date | Description | Exp/(Rev) FTE Impact |
| | | | Unknown | Any budget deferrel in approved funding will result in an increase in operating costs to maintain sites and comply with legislated requirements. | 0 0 |



Project Version Summary

| | | | |
|-----------------------|-------------------------------------|---------------------|-----------------------------|
| Project # | OPS-005-08 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Fleet |
| Title | Corporate Fleet Replacement Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | |
|--|--|
| Project Description | Version Description |
| Replacement of dedicated vehicles and equipment. All requests are subject to review and approval of the Fleet Review Committee. | Annual budget requests are based on the Fleet Division's projections of required replacements. |

| | |
|---|---|
| Project Comments/Reference | Version Comments |
| See Document Attached (Closed: 7085004/7091012/7101015/7111028/7121009/7131112/7141002) Active: 7151004/7161033/7171021/7181016 | As per CR666/2017, a municipal GHG Challenge Fund grant is being sought by Administration pre-committing the following funds by year: 2018 - \$488,800 2019 - \$1,077,625 2020 - \$851,405 |

| Project Forecast | | Revenue | |
|------------------|-------------------|-------------------|-----------|
| Year | Total Expense | Net City Cost | Subsidies |
| 2018 | 1,574,000 | 1,574,000 | 0 |
| 2019 | 2,806,000 | 2,806,000 | 0 |
| 2020 | 2,195,000 | 2,195,000 | 0 |
| 2021 | 1,197,000 | 1,197,000 | 0 |
| 2022 | 2,028,000 | 2,028,000 | 0 |
| 2023 | 1,955,000 | 1,955,000 | 0 |
| 2024+ | 5,494,000 | 5,494,000 | 0 |
| | 17,249,000 | 17,249,000 | 0 |

| Project Detailed Forecast | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
|---------------------------|-----------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| GL Account | | | | | | | | | |
| Expenses | | | | | | | | | |
| 5110 | Machinery & Equipment - TCA | | | | | | | | |
| | | 1,574,000 | 2,806,000 | 2,195,000 | 1,197,000 | 2,028,000 | 1,955,000 | 5,494,000 | 17,249,000 |
| | Total | 1,574,000 | 2,806,000 | 2,195,000 | 1,197,000 | 2,028,000 | 1,955,000 | 5,494,000 | 17,249,000 |
| Revenues | | | | | | | | | |
| 136 | Equipment Replacement | | | | | | | | |
| | | 1,574,000 | 2,806,000 | 2,195,000 | 1,197,000 | 2,028,000 | 1,955,000 | 5,494,000 | 17,249,000 |
| | Total | 1,574,000 | 2,806,000 | 2,195,000 | 1,197,000 | 2,028,000 | 1,955,000 | 5,494,000 | 17,249,000 |

| Historical Approved Budget | | Revenue | |
|----------------------------|---------------|---------------|-----------|
| Year | Total Expense | Net City Cost | Subsidies |
| 2008 | 2,000,000 | 2,000,000 | 0 |
| 2009 | 2,500,000 | 2,500,000 | 0 |
| 2010 | 1,625,171 | 1,625,171 | 0 |
| 2011 | 872,732 | 872,732 | 0 |
| 2012 | 1,750,000 | 1,750,000 | 0 |
| 2013 | 1,240,000 | 1,240,000 | 0 |
| 2014 | 780,000 | 780,000 | 0 |
| 2015 | 1,131,000 | 1,131,000 | 0 |
| 2016 | 1,560,500 | 1,560,500 | 0 |
| 2017 | 1,021,000 | 1,021,000 | 0 |

| Related Projects | Operating Budget Impact | | | | | | | | |
|-------------------------|---|----------------|-------------|-----------|------------|---------|---|---|---|
| | <table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>Deferral of replacements contributes to increased repair and operating costs as user departments require units to be operational to meet expected service levels.</td> <td>0</td> <td>0</td> </tr> </tbody> </table> | Effective Date | Description | Exp/(Rev) | FTE Impact | Unknown | Deferral of replacements contributes to increased repair and operating costs as user departments require units to be operational to meet expected service levels. | 0 | 0 |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | |
| Unknown | Deferral of replacements contributes to increased repair and operating costs as user departments require units to be operational to meet expected service levels. | 0 | 0 | | | | | | |

| | | | | |
|------------------------|-------------------|------------------------------|---------------------|-----------------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date |
|------------------------|-------------------|------------------------------|---------------------|-----------------------------|

| | | | | |
|------|-----------------|------------------------------------|-----------------|---------|
| 2008 | January 1, 2015 | Growth: 0.0 % Maintenance: 100.0 % | Angela Marazita | Ongoing |
|------|-----------------|------------------------------------|-----------------|---------|

FLEET REPLACEMENT SCHEDULE - CORPORATE FLEET

(source: FleetFocus as of July 24, 2017)

| <u>Unit</u> | <u>Description</u> | <u>Department</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> |
|--|---|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Class 110 - VANS (Life Cycle 7 - 9 Years) | | | | | | | | |
| 0250 | 2006 CHEVROLET 1500 EXPRESS VAN | PW FIELD | 33,433 | | | | | |
| 0251 | 2006 CHEVROLET 1500 EXPRESS VAN | FAC MGT | 33,433 | | | | | |
| 0252 | 2006 CHEVROLET 1500 EXPRESS VAN | FAC MGT | 33,433 | | | | | |
| 0253 | 2006 CHEVROLET 1500 EXPRESS CARGO VAN | PW FIELD | 34,329 | | | | | |
| 0255 | 2008 FORD E150 CARGO VAN | PW LAB | | | | | | |
| 0256 | 2009 CHEVROLET EXPRESS 1500 CARGO VAN | FAC MGT | | | | | | |
| 0257 | 2009 CHEVROLET EXPRESS 1500 CARGO VAN | FAC MGT | | 29,011 | | | | |
| 0258 | 2009 GMC SAVANNA CARGO VAN | FAC MGT | | | | | | |
| 0259 | 2010 CHEVROLET EXPRESS CARGO VAN | PW LAB | | | 40,461 | | | |
| 0260 | 2011 CHEVROLET EXPRESS CARGO VAN | FAC MGT | | | 29,770 | | | |
| 0261 | 2012 GMC SAVANA CARGO VAN | PW FIELD | | | | 31,892 | | |
| 0265 | 2006 CHEVROLET SAVANNA EXTEND CARGO VAN | FAC MGT | 44,321 | | | | | |
| 0268 | 2007 CHEVROLET EXPRESS 2500 EXT VAN | FAC MGT | 41,511 | | | | | |
| 0269 | 2010 CHEVROLET EXPRESS CARGO VAN | PW SEWER | | | | | | |
| 0270 | 2012 CHEVROLET EXPRESS CARGO VAN | FAC MGT | | | | 41,750 | | |
| 3027 | 2013 FORD ECONO SUPER CARGO VAN | FIRE | | | | | | 30,381 |
| Class 120 - CUBE VANS (Life Cycle 9 - 11 Years) | | | | | | | | |
| 0303 | 2008 CHEVROLET E2500 UNICELL CUBE VAN | FAC MGT | | | | | | |
| 0304 | 2012 GMC SAVANA UNICELL VAN | PW SEWER | | | | | | 51,788 |
| 0305 | 2017 GMC EXPRESS 3500 CUBE VAN | LIBRARY | | | | | | |
| Class 145 - VANS MINI (Life Cycle 7 - 9 Years) | | | | | | | | |
| 0337 | 2006 DODGE CARAVAN MINI VAN 7 PASSENGER | FAC MGT | 25,135 | | | | | |
| 0338 | 2009 CHEVROLET UPLANDER LS MINI VAN | PARK SERV | | 22,571 | | | | |
| 0346 | 2016 DODGE GRAND CARAVAN SE | PW FIELD | | | | | | 23,375 |
| 0347 | 2016 DODGE GRAND CARAVAN SE | PW LRPCP | | | | | | 23,375 |
| 0348 | 2016 DODGE GRAND CARAVAN SE | BUILDING | | | | | | 23,375 |
| 0349 | 2016 DODGE GRAND CARAVAN SE | PARK SERV | | | | | | 23,375 |
| 0350 | 2012 DODGE GRAND CARAVAN | PW FIELD | | 26,415 | | | | |
| 0351 | 2012 DODGE GRAND CARAVAN | BUILDING | | 26,415 | | | | |
| 0352 | 2012 DODGE GRAND CARAVAN | TRAF STUD | | 26,415 | | | | |
| 0353 | 2012 DODGE GRAND CARAVAN | PARKS | | 26,415 | | | | |
| 0354 | 2012 DODGE GRAND CARAVAN | INFO TECH | | 26,415 | | | | |
| 0377 | 2006 DODGE CARAVAN MINI VAN 7 PASSENGER | FORESTRY | 25,135 | | | | | |

| <u>Unit</u> | <u>Description</u> | <u>Department</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> |
|-------------|---|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 0379 | 2006 DODGE CARAVAN MINI VAN 7 PASSENGER | PW FIELD | 25,135 | | | | | |
| 0381 | 2007 DODGE CARAVAN 7 PASSENGER | PARK SERV | 26,207 | | | | | |
| 0383 | 2014 DODGE GRAND CARAVAN | BUILDING | | | | 21,181 | | |
| 0384 | 2014 DODGE GRAND CARAVAN | BUILDING | | | | 21,181 | | |
| 0385 | 2014 DODGE GRAND CARAVAN | BUILDING | | | | 21,181 | | |
| 0386 | 2014 DODGE GRAND CARAVAN | BUILDING | | | | 21,181 | | |
| 0387 | 2014 DODGE GRAND CARAVAN | BUILDING | | | | 21,181 | | |
| 0388 | 2014 DODGE GRAND CARAVAN | BUILDING | | | | 21,181 | | |
| 0389 | 2014 DODGE GRAND CARAVAN | BUILDING | | | | 21,181 | | |
| 0390 | 2014 DODGE GRAND CARAVAN | BUILDING | | | | 21,181 | | |
| 0391 | 2014 DODGE GRAND CARAVAN | BUILDING | | | | 21,181 | | |
| 0392 | 2014 DODGE GRAND CARAVAN | BUILDING | | | | 21,181 | | |
| 0393 | 2014 DODGE GRAND CARAVAN | BUILDING | | | | 21,181 | | |
| 0394 | 2014 DODGE GRAND CARAVAN | PARKS | | | | 21,181 | | |
| 0395 | 2016 DODGE CARAVAN MINIVAN | PARKS | | | | | | 25,638 |
| 0396 | 2016 DODGE CARAVAN MINIVAN | PW TECHNIC | | | | | | 25,638 |
| 0397 | 2016 DODGE CARAVAN MINIVAN | PW TECHNIC | | | | | | 25,638 |
| 0398 | 2016 DODGE CARAVAN MINIVAN | SIGNALS | | | | | | 25,638 |
| 0399 | 2016 DODGE CARAVAN MINIVAN | PW FIELD | | | | | | 25,638 |
| 0400 | 2016 DODGE CARAVAN MINIVAN | PW SEWER | | | | | | 25,638 |
| 0401 | 2017 DODGE CARAVAN MINIVAN | PW FIELD | | | | | | |
| 0402 | 2017 DODGE CARAVAN MINIVAN | PW FIELD | | | | | | |
| 0403 | 2017 DODGE CARAVAN MINIVAN | PW FIELD | | | | | | |
| 0404 | 2017 DODGE CARAVAN MINIVAN | PW CONTRAC | | | | | | |
| 0405 | 2017 DODGE CARAVAN MINIVAN | PW PUMP ST | | | | | | |
| 3009 | 2010 DODGE GRAND CARAVAN SE | FIRE | | 20,529 | | | | |
| 3010 | 2010 DODGE GRAND CARAVAN SE | FIRE | 20,340 | | | | | |
| 3011 | 2010 DODGE GRAND CARAVAN SE | FIRE | | 20,529 | | | | |
| 3019 | 2013 DODGE GRAND CARAVAN MINIVAN | FIRE | | | | 20,561 | | |
| 3020 | 2013 DODGE GRAND CARAVAN MINIVAN | FIRE | | | | 20,561 | | |
| 3021 | 2013 DODGE GRAND CARAVAN MINIVAN | FIRE | | | | 20,561 | | |
| 3025 | 2013 DODGE GRAND CARAVAN MINIVAN | FIRE | | | | 20,081 | | |
| 3028 | 2014 DODGE GRAND CARAVAN | FIRE | | | | | 21,338 | |
| 3029 | 2014 DODGE GRAND CARAVAN | FIRE | | | | | 21,338 | |
| 3031 | 2016 DODGE CARAVAN MINIVAN | FIRE | | | | | | 23,342 |
| 3032 | 2016 DODGE CARAVAN MINIVAN | FIRE | | | | | | 23,342 |
| 3033 | 2016 DODGE CARAVAN MINIVAN | FIRE | | | | | | 23,342 |

| <u>Unit</u> | <u>Description</u> | <u>Department</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> |
|--|---|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 3037 | 2017 DODGE CARAVAN MINIVAN | FIRE | | | | | | |
| Class 150 - COMPACT CARS (Life Cycle 6 - 8 Years) | | | | | | | | |
| 0437 | 2007 CHRYSLER PT CRUISER | PW FIELD | 22,723 | | | | | |
| 0444 | 2009 FORD FOCUS 4 DOOR | PW WWPCP | | | | | 18,712 | |
| 0445 | 2009 FORD FOCUS 4 DOOR | PW WWPCP | | 18,215 | | | | |
| 0446 | 2009 FORD FOCUS 4 DOOR | TRAF STUD | | 18,215 | | | | |
| 0447 | 2009 FORD FOCUS 4 DOOR | PARK SERV | | 18,215 | | | | |
| 3006 | 2010 DODGE CALIBER SXT 5 DOOR HATCHBACK | FIRE | | 19,392 | | | | |
| 3007 | 2011 DODGE CALIBER SXT | FIRE | | | 20,151 | | | |
| 3008 | 2011 DODGE CALIBER SXT | FIRE | | | 20,151 | | | |
| 3016 | 2011 DODGE CALIBER SXT CAR | FIRE | | | 18,491 | | | |
| Class 155 - CROSS OVER (Life Cycle 8 - 10 Years) | | | | | | | | |
| 0460 | 2012 DODGE JOURNEY CROSS OVER | BYLAW | | | 18,725 | | | |
| 0461 | 2012 DODGE JOURNEY CROSS OVER | BYLAW | | | 18,725 | | | |
| 0462 | 2012 DODGE JOURNEY CROSS OVER | BYLAW | | | 18,553 | | | |
| 0463 | 2012 DODGE JOURNEY CROSS OVER | BYLAW | | | 18,553 | | | |
| 0464 | 2012 DODGE JOURNEY CROSS OVER | BYLAW | | | 18,553 | | | |
| 0465 | 2012 DODGE JOURNEY CROSS OVER | BYLAW | | | 18,553 | | | |
| 0466 | 2012 DODGE JOURNEY CROSS OVER | BYLAW | | | | 18,725 | | |
| 0467 | 2012 DODGE JOURNEY CROSS OVER | BYLAW | | | 18,553 | | | |
| 0468 | 2012 DODGE JOURNEY CROSS OVER | BYLAW | | | | 18,725 | | |
| 0469 | 2012 DODGE JOURNEY CROSS OVER | BYLAW | | | 18,553 | | | |
| 0470 | 2012 DODGE JOURNEY CROSS OVER | BYLAW | | | 18,553 | | | |
| 0471 | 2012 DODGE JOURNEY CROSS OVER | BYLAW | | | 18,553 | | | |
| 3012 | 2011 DODGE JOURNEY R/T AWD | FIRE | | 31,012 | | | | |
| 3013 | 2011 DODGE JOURNEY R/T AWD | FIRE | | 31,012 | | | | |
| 3014 | 2011 DODGE JOURNEY R/T AWD | FIRE | | 31,012 | | | | |
| Class 165 - HYBRIDS - GAS / ELECTRIC (Life Cycle 7 - 9 Years) | | | | | | | | |
| 0505 | 2008 SATURN AURA HYBRID ZZR69 | PARKING | | 36,545 | | | | |
| 0506 | 2016 FORD C-MAX HYBRID SE | MAILROOM | | | | | | |
| 0507 | 2017 FORD C-MAX ENERGI PLUG-IN HYBRID | INFO TECH | | | | | | |
| Class 200 - SMALL PICKUPS (Life Cycle 7 - 9 Years) | | | | | | | | |
| 0600 | 2009 CHEVROLET COLORADO LT PICKUP | PW FIELD | | 23,482 | | | | |
| 0601 | 2009 CHEVROLET COLORADO LT PICKUP | PW FIELD | | 23,482 | | | | |
| 0603 | 2009 CHEVROLET COLORADO LT PICKUP | FAC MGT | | 23,482 | | | | |
| 0605 | 2009 CHEVROLET COLORADO LT PICKUP | FORESTRY | | | | | | |
| 0606 | 2011 FORD RANGER PICKUP EXTENDED CAB 6` | PW FIELD | | | | 21,003 | | |

| <u>Unit</u> | <u>Description</u> | <u>Department</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> |
|---|--|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 0607 | 2011 FORD RANGER PICKUP EXTENDED CAB 6` | PW PUMP ST | | | | 21,003 | | |
| 0608 | 2011 FORD RANGER PICKUP EXTENDED CAB 6` | PW ROW MAI | | | | 21,003 | | |
| 0609 | 2011 FORD RANGER PICKUP EXTENDED CAB 6` | PW FIELD | | | | 21,003 | | |
| Class 210 - LARGE PICKUPS (Life Cycle 7 - 9 Years) | | | | | | | | |
| 0613 | 2013 CHEVROLET SILVERADO1500 EXT CAB | PW ELECTR | | | 25,912 | | | |
| 0614 | 2013 CHEVROLET SILVERADO 1500 EXT CAB | PW ROW MAI | | | 25,912 | | | |
| 0615 | 2013 CHEVROLET SILVERADO 1500 PICKUP | PW CONTRAC | | | 25,603 | | | |
| 0616 | 2012 CHEVROLET SILVERADO 2500 PICKUP | PARKS | | 27,107 | | | | |
| 0617 | 2012 CHEVROLET SILVERADO 1500 PICKUP | PARKS | | 23,013 | | | | |
| 0618 | 2012 CHEVROLET SILVERADO 1500 PICKUP | FORESTRY | | 23,013 | | | | |
| 0619 | 2012 CHEVROLET SILVERADO 1500 PICKUP | PW SEWER | | 23,013 | | | | |
| 0620 | 2011 CHEVROLET SILVERADO 1500 PICKUP | PW PUMP ST | | | | | | 25,270 |
| 0621 | 2011 CHEVROLET SILVERADO 1500 PICKUP | PW PUMP ST | | | | | | 25,270 |
| 0624 | 2011 CHEVROLET SILVERADO 2500 HD CREWCAB | PARKS | 14,832 | | | 15,264 | | |
| 0626 | 2011 CHEVROLET SILVERADO 2500 HD CREWCAB | PARKS | 37,941 | | | | | |
| 0629 | 2011 CHEVROLET SILVERADO 2500 HD CREWCAB | PARKS | 27,910 | | | | | |
| 0649 | 2016 FORD F250 XL REG CAB 4X4 PICKUP | PW ENVTAL | | | | | | 40,048 |
| 0650 | 2016 FORD F250 XL REG CAB 4X4 PICKUP | PW ENVTAL | | | | | | 40,048 |
| 0651 | 2017 CHEVROLET SILVERADO WT 2500 PICKUP | PARKS | | | | | | |
| 0652 | 2017 CHEVROLET SILVERADO WT 2500 PICKUP | PARKS | | | | | | |
| 0653 | 2017 CHEVROLET SILVERADO WT 2500 PICKUP | PARKS | | | | | | |
| 0709 | 2007 DODGE RAM2500 STD 8` BOX PICKUP | FAC MGT | | 41,476 | | | | |
| 0714 | 2015 CHEVROLET SILVERADO 1500 PICKUP | PW FIELD | | | | | 26,585 | |
| 0715 | 2015 CHEVROLET SILVERADO 1500 PICKUP | PW FIELD | | | | | 26,585 | |
| 0716 | 2015 CHEVROLET SILVERADO 1500 PICKUP | PW FIELD | | | | | 26,585 | |
| 0717 | 2015 CHEVROLET SILVERADO 1500 PICKUP | PARKS | | | | | 26,585 | |
| 0718 | 2015 CHEVROLET SILVERADO 1500 PICKUP | PARKS | | | | | 26,585 | |
| 0769 | 2008 CHEVROLET SILVERADO 2500 HD PICKUP | PARKS | 48,286 | | | | | |
| Class 220 - PICKUPS (Life Cycle 7 - 9 Years) | | | | | | | | |
| 0664 | 2009 CHEVROLET SILVERADO WT1500 PICKUP | PARK SERV | 26,248 | | | | | |
| 0665 | 2013 GMC SIERRA 1500 REG CAB PICKUP | PW ENVTAL | | 27,962 | | | | |
| 0666 | 2013 CHEVROLET SILVERADO REG CAB PICKUP | PW ENVTAL | | 23,954 | | | | |
| 0668 | 2014 FORD F150 STD CAB 8` BOX PICKUP | PW ENVTAL | | | 27,505 | | | |
| 0669 | 2014 FORD F150 STD CAB 8` BOX PICKUP | PW ENVTAL | | | 27,500 | | | |
| 0693 | 2008 FORD F150 XL REG 8` BOX PICKUP | PW ROW MAI | | | | | | |
| 0695 | 2013 GMC SIERRA REG CAB 8` BOX PICKUP | HORTICULT | | | 24,854 | | | |
| 0696 | 2013 GMC SIERRA EXT CAB 6` BOX PICKUP | PW ROW MAI | | | 24,666 | | | |

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|---|--|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 0697 | 2013 GMC SIERRA EXT CAB 6` BOX PICKUP | HORTICULT | | | 24,666 | | | |
| 0698 | 2013 GMC SIERRA EXT CAB 6` BOX PICKUP | PW CONTRAC | | | 24,896 | | | |
| 0699 | 2013 GMC SIERRA EXT CAB 6` BOX PICKUP | PW SEWER | | | 24,666 | | | |
| 0711 | 2007 CHEVROLET LT 1500 PICKUP | SIGNALS | | 28,933 | | | | |
| 0712 | 2007 CHEVROLET LT 1500 PICKUP | FAC MGT | | 28,933 | | | | |
| 0713 | 2007 CHEVROLET LT 1500 PICKUP | PW FIELD | 28,674 | | | | | |
| 0719 | 2016 FORD F150 PICKUP REG CAB 8` BOX | PARKS | | | | | | 34,327 |
| 0720 | 2016 FORD F150 PICKUP REG CAB 8` BOX | PARKS | | | | | | 34,327 |
| 0721 | 2016 FORD F150 PICKUP REG CAB 8` BOX | PW WWPCP | | | | | | 34,327 |
| 0722 | 2016 FORD F150 PICKUP REG CAB 8` BOX | SIGNS&MARK | | | | | | 34,327 |
| 0723 | 2016 FORD F150 PICKUP REG CAB 8` BOX | FAC MGT | | | | | | 34,327 |
| 0724 | 2016 FORD F150 PICKUP REG CAB 8` BOX | PW ENVTAL | | | | | | 34,327 |
| 0725 | 2017 GMC SIERRA 1500 REGULAR CAB PICKUP | SIGNS&MARK | | | | | | |
| 0733 | 2013 GMC SIERRA EXT CAB 6` BOX PICKUP | PW SEWER | | | 24,666 | | | |
| 0734 | 2013 GMC SIERRA EXT CAB 6` BOX PICKUP | PW ROW MAI | | | 24,666 | | | |
| Class 230 - UTILITY TRUCKS (Life Cycle 9 - 11 Years) | | | | | | | | |
| 0737 | 2011 FORD F350 SUPER DUTY SERVICE BODY | SIGNS&MARK | | 56,951 | | | | |
| 0738 | 2008 FORD F350 REG CAB SERVICE BODY | SIGNS&MARK | | 67,427 | | | | |
| 0739 | 2008 FORD F350 REG CAB SERVICE BODY | SIGNS&MARK | | 67,427 | | | | |
| 0740 | 2008 FORD F350 REG CAB SERVICE BODY | SIGNS&MARK | | 67,427 | | | | |
| 0750 | 2012 GMC SAVANA CUTAWAY STAHL HI-ROOF | PW ELECTR | | | | | | 60,880 |
| 0751 | 2012 GMC SAVANA CUTAWAY STAHL HI-ROOF | PW ELECTR | | | | | | 60,880 |
| 0752 | 2013 FORD F350 SUPER DUTY SERVICE TRUCK | PARKS | | | | | 56,464 | |
| 0753 | 2014 FORD F350 SUPER DUTY DUMP TRUCK | PARKS | | | | | | 67,605 |
| 0754 | 2014 FORD F350 SUPER DUTY DUMP TRUCK | FAC MGT | | | | | | 50,918 |
| 0770 | 2011 CHEVROLET SILVERADO 2500 4X4 PICKUP | PW WWPCP | | | | 33,543 | | |
| 0771 | 2012 CHEVROLET SILVERADO 2500 4X4 PICKUP | PW LRPCP | | | | 35,084 | | |
| 0777 | 2011 CHEVROLET SILVERADO 2500 4X4 PICKUP | PARK SERV | | | | 27,499 | | |
| 0780 | 2013 GMC SIERRA 4X4 REG CAB PICKUP | PARKS | | | | 38,899 | | |
| 0781 | 2013 GMC SIERRA 4X4 REG CAB PICKUP | PARKS | | | | 38,899 | | |
| 0782 | 2015 FORD F350 4X4 PICKUP SRW | PARKS | | | | | | |
| 3017 | 2012 CHEVROLET SILVERADO 3500 PICKUP | FIRE | | | | 32,835 | | |
| 3018 | 2012 CHEVROLET SILVERADO 3500 PICKUP | FIRE | | | | 32,547 | | |
| Class 246 - CREW CABS (Life Cycle 9 - 11 Years) | | | | | | | | |
| 0791 | 2011 CHEVROLET SILVERADO WT 3500 CREWCAB | HORTICULT | | | 57,749 | | | |
| 0792 | 2011 CHEVROLET SILVERADO 3500 CREW CAB | HORTICULT | | | | 15,900 | | |
| 0793 | 2006 DODGE RAM 3500 QUAD CAB FLAT BED | HORTICULT | 63,284 | | | | | |

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|---|--|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 0796 | 2011 CHEVROLET SILVERADO WT 3500 CREWCAB | PARKS | | | 56,030 | | | |
| 0797 | 2011 CHEVROLET SILVERADO WT 3500 CREWCAB | PARKS | | | 56,030 | | | |
| 0798 | 2013 GMC SIERRA 3500 HD CREWCAB | PARKS | | | | | 50,890 | |
| 0799 | 2016 FORD F350 XL CREWCAB FLATBED | PARKS | | | | | | |
| 0800 | 2016 FORD F350 XL CREWCAB FLATBED | PARKS | | | | | | |
| Class 305 - 10000 GVW TRUCKS (Life Cycle 9 - 11 Years) | | | | | | | | |
| 0853 | 2015 FORD F350 B DUMP TRUCK | PW SEWER | | | | | | |
| 0854 | 2011 CHEVROLET SILVERADO WT 3500 TRUCK | PW ROW MAI | | 55,613 | | | | |
| 0855 | 2011 CHEVROLET SILVERADO WT 3500 TRUCK | PW ROW MAI | | | 56,772 | | | |
| 0856 | 2011 CHEVROLET SILVERADO WT 3500 TRUCK | PW ROW MAI | | | 56,772 | | | |
| 0857 | 2011 CHEVROLET SILVERADO WT 3500 TRUCK | PW ROW MAI | | 55,613 | | | | |
| 0858 | 2011 CHEVROLET SILVERADO WT 3500 TRUCK | PW ROW MAI | | 55,613 | | | | |
| 0859 | 2013 GMC SIERRA 3500 HD CREWCAB | PW ROW MAI | | | | | 60,239 | |
| 0872 | 2007 DODGE RAM 3500 B DUMP TRUCK | PARKS | | 67,483 | | | | |
| 0873 | 2007 DODGE RAM 3500 B DUMP TRUCK | PARKS | | 67,483 | | | | |
| 0874 | 2008 FORD F350XL SUPER DUTY B TRUCK | PW ROW MAI | 60,039 | | | | | |
| Class 325 - 14000 TO 20000 GVW TRUCKS (Life Cycle 9 - 11 Years) | | | | | | | | |
| 0930 | 2016 FORD F550 XL 4X4 DUMP TRUCK | PW WINTERC | | | | | | |
| 0931 | 2016 FORD F550 XL 4X4 DUMP TRUCK | PW WINTERC | | | | | | |
| 0939 | 2008 FORD F550 DUMP B TRUCK SUPER DUTY | PW WINTERC | | | | | | |
| 0940 | 2008 FORD F550 DUMP B TRUCK SUPER DUTY | PW WINTERC | | | | | | |
| 0941 | 2013 FORD F550 FLAT BED B TRUCK | PARKS | | | | | 84,297 | |
| Class 330 - 22000 TO 28000 GVW TRUCKS (Life Cycle 10 - 12 Years) | | | | | | | | |
| 0944 | 2005 GMC C6500 VAN BODY BOOKMOBILE | LIBRARY | | | | | | |
| 0946 | 2008 STERLING ACTERRA CHIPPER TRUCK | FORESTRY | | | 101,146 | | | |
| 0947 | 2016 FREIGHTLINER M2-106 B TRUCK | PW WINTERC | | | | | | |
| 0948 | 2016 FREIGHTLINER FL-80-106 B TRUCK | PW WINTERC | | | | | | |
| Class 360 - 33000 TO 35000 GVW TRUCKS (Life Cycle 10 - 12 Years) | | | | | | | | |
| 0971 | 2010 NAVISTAR 7400 SFA DUMP SALTER PLOW | PW WINTERC | | | 133,801 | | | |
| Class 365 - 50000-60000 GVW TRUCKS (Life Cycle 10 - 12 Years) | | | | | | | | |
| 0991 | 2005 INTERNATIONAL 7500 HT570 SNOW PLOW | PW WINTERC | | 216,670 | | | | |
| 0992 | 2007 STERLING LT8500 SNOW PLOW | PW WINTERC | | 144,872 | | | | |
| 0993 | 2007 STERLING LT8500 SNOW PLOW | PW WINTERC | | 144,872 | | | | |
| 0994 | 2007 STERLING LT8500 A TRUCK TDM DUMP | PARKS | | 144,872 | | | | |
| Class 405 - 14 CU. YD. PACKER | | | | | | | | |
| 1012 | 2015 FORD F550 14 CU YD PACKER | PARKS | | | | | | 136,762 |

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|--|--|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Class 435 - 20 CU. YD. 50000 GVW PACKERS (Life Cycle 8 - 10 Years) | | | | | | | | |
| 1056 | 2005 FREIGHTLINER M2 2 MAN PACKER | PW ENVTAL | | | | | | |
| 1059 | 2007 FREIGHTLINER M2 TANDEM PACKER | PW ENVTAL | | | 188,302 | | | |
| Class 440 - PACKER FRONT END LOADER (Life Cycle 8 - 10 Years) | | | | | | | | |
| 1077 | 2007 MACK MR688S FEL 38 CU YD FANOTECH | COMPOUND | | | | | | |
| 1078 | 2016 MACK MRU613 FEL WITTKE BODY | PW ENVTAL | | | | | | |
| Class 450 - 17 CU YARD SIDE LOADING PACKER (Life Cycle 8 - 10 Years) | | | | | | | | |
| 1084 | 2015 FREIGHTLINER M2106 ONE-MAN PACKER | PARKS | | | | | 257,445 | |
| 1099 | 2007 FREIGHTLINER M2 17 YD PACKER | PW ENVTAL | | | 262,970 | | | |
| Class 506 - AERIAL TRUCK 22000 GVW (Life Cycle 10 - 12 Years) | | | | | | | | |
| 1225 | 2002 FREIGHTLINER FL60 | SIGNALS | 248,098 | | | | | |
| 1226 | 2002 FREIGHTLINER FL60 | SIGNALS | 248,098 | | | | | |
| 1227 | 2005 FORD F550XL SUPER DUTY TRUCK | SIGNS&MARK | | | | 156,304 | | |
| 1228 | 2007 STERLING ACTERRA AERIAL TRUCK | SIGNALS | | | | | 235,016 | |
| Class 511 - AERIAL TRUCKS 33000 GVW (Life Cycle 10 - 12 Years) | | | | | | | | |
| 1247 | 2010 FREIGHTLINER CONVENTIONAL AERIAL | FORESTRY | | | | | 200,940 | |
| 1248 | 2011 FREIGHTLINER CONVENTIONAL | FORESTRY | | | | | 200,940 | |
| Class 520 - 6 CU YD. VACUUM STREET SWEEPER (Life Cycle 10 - 12 Years) | | | | | | | | |
| 1263 | 2008 ELGIN WHIRLWIND MV-3043-D SWEEPER | PW ENVTAL | | 243,451 | | | | |
| 1264 | 2006 ELGIN WHIRLWIND MV-1064-D SWEEPER | PW ENVTAL | 268,333 | | | | | |
| 1267 | 2016 RAVO 5 SERIES STREET SWEEPER | PW ENVTAL | | | | | | |
| 1268 | 2016 RAVO 5 SERIES STREET SWEEPER | PW ENVTAL | | | | | | |
| Class 529 - TRUCK WATER TANK (Life Cycle 20 Years) | | | | | | | | |
| 1311 | 2008 STERLING ACTERRA WATER TRUCK | HORTICULT | | | | | | |
| Class 531 - SEWER JET VACTOR (Life Cycle 10 - 12 Years) | | | | | | | | |
| 1319 | 2011 INTERNATIONAL WORK STAR VACTOR | PW SEWER | | | | | 477,996 | |
| 1321 | 2015 FREIGHTLINER 2100 VACTOR TRUCK | PW SEWER | | | | | | |
| Class 535 - DUMP SPECIAL HIAB CRANE (Life Cycle 10 - 12 Years) | | | | | | | | |
| 1327 | 2015 FREIGHTLINER M-2 CRANE/DUMP | FORESTRY | | | | | | |
| Class 537 - LINE ROAD PAINTING TRUCK (Life Cycle 20 Years) | | | | | | | | |
| 1331 | 2002 GMC T8500 LINETECH TM52275AA | SIGNS&MARK | | | | | | 654,722 |
| Class 603 - SEWER RODDER - TRUCK MOUNTED (Life Cycle 12 - 15 Years) | | | | | | | | |
| 1360 | 1999 FORD F450 XL MOUNTED SEWER RODDER | PW SEWER | | 165,417 | | | | |
| Class 608 - SEWER BUCKET MACHINES (Life Cycle 20 Years) | | | | | | | | |
| 1369 | 1985 SRECO PULLBACK SEWER BUCKET | PW SEWER | | | | 29,353 | | |
| 1370 | 1985 SRECO LOADER | PW SEWER | | | | 29,218 | | |

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|---|--|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Class 640 - BRUSH CHIPPER DIESEL (Life Cycle 10 - 15 Years) | | | | | | | | |
| 1433 | 2013 VERMEER BC 1800XL WOOD CHIPPER | FORESTRY | | | | | | |
| 1436 | 2007 VERMEER BRUSH CHIPPER 1800 XL TRAIL | FORESTRY | | 70,531 | | | | |
| 1437 | 2011 VERMEER BC1000XL WOOD CHIPPER | FORESTRY | | | 33,830 | | | |
| 1439 | 2013 VERMEER BC1500 WOOD CHIPPER | FORESTRY | | | | | | 54,554 |
| Class 645 - GAS GOLF CARTS | | | | | | | | |
| 1460 | 2017 CUSHMAN HAULER 1200 GOLF CART | PW WWPCP | | | | | | |
| 1461 | 2017 CUSHMAN HAULER 1200 GOLF CART | PW WWPCP | | | | | | |
| Class 650 - MISCELLANEOUS TRAILERS (Life Cycle 12 - 15 Years) | | | | | | | | |
| 1477 | 2000 NOBLE INDUSTRIES STRAIGHTLINE TRAIL | SIGNS&MARK | | 5,937 | | | | |
| 1478 | 2000 NOBLE INDUSTRIES STRAIGHTLINE TRAIL | SIGNS&MARK | | 5,937 | | | | |
| 1479 | 2000 NOBLE INDUSTRIES STRAIGHTLINE TRAIL | SIGNS&MARK | | 5,937 | | | | |
| 1481 | 2002 FOREST RIVER CARGO TRAILER | SIGNS&MARK | | 2,936 | | | | |
| 1487 | 2001 ROBCOL EXPC/5T TRAILER | SIGNALS | | | | | | |
| 1488 | 2001 ROBCOL EXPC/5T TRAILER | SIGNALS | | | | | | |
| Class 660 - 2 - 6 CU. YD. SALT SPREADERS (Life Cycle 9 - 11 Years) | | | | | | | | |
| 0649S | 2015 WESTERN 7800 7` 1.5 CU YD SALTER | PW ENVTAL | | | | | | |
| 0769S | 2008 SNO-WAY SALTER 1.5 CU YD | PARKS | 6,040 | | | | | |
| 0770S | 2011 WESTERN 7800 7` 2.5 CU YD SALTER | PW WWPCP | | | | 4,483 | | |
| 0777S | 2011 SNO-WAY 1.5 CU YD SALTER | PARK SERV | | | | 5,659 | | |
| 0780S | 2013 WESTERN TORNADO SLIDE IN SPREADER | PARKS | | | | 5,999 | | |
| 0781S | 2013 WESTERN TORNADO SLIDE IN SPREADER | PARKS | | | | 5,999 | | |
| 0782S | 2015 SALTDogg 2.0 CU YD SALTER | PARKS | | | | | | |
| 0873S | 2011 WESTERN 2.5 CU YD ICE BREAKER SALT | PARKS | | 12,591 | | | | |
| 0930S | 2014 FISHER PRO-CASTER SALTER | PW WINTERC | | | | | | |
| 0939S | 2008 FISHER PRO-CASTER SALTER 3.3 CU YD | PW WINTERC | | 6,264 | | | | |
| 0947S | 2011 WESTERN 3.3 CU YD ICE BREAKER SALT | PW WINTERC | | | 21,887 | | | |
| 0948S | 2008 FISHER PRO-CASTER SALTER 3.3 CU YD | PW WINTERC | | 13,938 | | | | |
| Class 664 - 7 - 10 CU YD. SALT SPREADERS (Life Cycle 9 - 11 Years) | | | | | | | | |
| 0971S | 2006 SCHMIDT STRATOS 4 CU YD SALTER | PW WINTERC | | | 52,618 | | | |
| 0991S | 2013 SCHMIDT STRATOS B70-42 SALTER COMBI | PW WINTERC | | | | | 75,864 | |
| 0992S | 2004 SCHMIDT STRATOS V BODY SALTER | PW WINTERC | | 23,406 | | | | |
| 0993S | 2004 SCHMIDT STRATOS V BODY SALTER | PW WINTERC | | 71,124 | | | | |
| Class 665 - LARGE SNOW PLOWS (Life Cycle 9 - 11 Years) | | | | | | | | |
| 0971P | 2011 VIKING CHIVES MONASHEE LARGE PLOW | PW WINTERC | | | 64,044 | | | |
| 0991P | 2015 VIKING-CIVES 11` SNOW PLOW | PW WINTERC | | | | | | |
| 0992P | 2008 VIKING LARGE PLOW 11` | PW WINTERC | | 28,054 | | | | |

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|--|--|-------------------|--------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 0993P | 2008 VIKING LARGE PLOW 11` | PW WINTERC | | 28,054 | | | | | |
| Class 667 - SMALL SNOW PLOWS (Life Cycle 9 - 11 Years) | | | | | | | | | |
| 0649P | 2015 WESTERN 7`6" SNOW PLOW | PW ENVTAL | | | | | | | |
| 0769P | 2007 FISHER SNOW PLOW 8`6" HD | PARKS | 4,752 | | | | | | |
| 0770P | 2011 PRO PLOW 7.5 STEEL SNOW PLOW | PW WWPCP | | | | 6,632 | | | |
| 0771P | 2012 FISHER V SNOW PLOW | PW LRPCP | | | | 5,005 | | | |
| 0777P | 2011 WESTERN SMALL PLOW 7.5 PRO STEEL | PARK SERV | | | | 6,467 | | | |
| 0780P | 2013 WESTERN SNOW PLOW 7.5` FULL TRIP | PARKS | | | | 5,928 | | | |
| 0781P | 2013 WESTERN SNOW PLOW 7.5 FULL TRIP | PARKS | | | | 5,928 | | | |
| 0782P | 2017 WESTERN 8` PRO PLOW | PARKS | | | | | | | |
| 0873P | 2009 WESTERN PRO SMALL PLOW 8`6" | PARKS | | 17,051 | | | | | |
| 0930P | 2007 WESTERN SMALL PLOW 9` ULTRA MOUNT | PW WINTERC | | | | 8,788 | | | |
| 0939P | 2015 WESTERN PRO PLUS 9` PLOW | PW WINTERC | | | | | | | |
| 0940P | 2015 WESTERN PRO PLUS 9 FOOT PLOW | PW WINTERC | | | | | | | |
| 0947P | 2016 VIKING-CIVES 9` TRIP EDGE SNOW PLOW | PW WINTERC | | | | | | | |
| 0948P | 2016 VIKING-CIVES 9` TRIP EDGE SNOW PLOW | PW WINTERC | | | | | | | |
| Class 680 - CRASH ATTENUATORS | | | | | | | | | |
| 1580 | 2016 VORTEQ CRASH ATTENUATOR | POOL | | | | | | | |
| Class 700 - FORK LIFTS (Life Cycle 20 Years) | | | | | | | | | |
| 1603 | 2013 HYUNDAI 25L-7A FORKLIFT | SIGNS&MARK | | | | | | | |
| Class 710 - SNOWBLOWER DIESEL (Life Cycle 20 Years) | | | | | | | | | |
| 1620 | 1978 VOHL SNOW BLOWER | PW WINTERC | | | 108,022 | | | | |
| Class 735 - LAWN TRACTORS/RIDING MOWERS (Life Cycle 15 Years) | | | | | | | | | |
| 1672 | 2013 FRONT MOWER F3080 MOWER/BLOWER | PW LRPCP | | | | | | | |
| 1673 | 2011 JOHN DEERE 1445 LAWN MOWER | PW WWPCP | | | | | | | |
| Class 740 - FEL LOADER / BACKHOE (Life Cycle 15 Years) | | | | | | | | | |
| 1683 | 2005 CASE 621D 4 WHEEL LOADER | PARKS | | | 187,648 | | | | |
| 1684 | 2016 CAT 926M WHEEL LOADER | PW WINTERC | | | | | | | |
| | | | <i>Subtotal Estimated Cost</i> | 1,447,670 | 2,659,135 | 2,058,026 | 1,077,271 | 1,894,404 | 1,822,443 |
| Total Number of Active Units: 278 | | | <i>Add: Unrecoverable HST</i> | 25,482 | 46,806 | 36,225 | 18,962 | 33,345 | 32,079 |
| | | | Total Estimated Cost | 1,473,152 | 2,705,941 | 2,094,252 | 1,096,233 | 1,927,749 | 1,854,522 |
| Add: Emergency Replacement Contingency | | | | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 |
| Total Budget Submission - 6 Year Plan | | | | 1,574,000 | 2,806,000 | 2,195,000 | 1,197,000 | 2,028,000 | 1,955,000 |

| <u>Unit</u> | <u>Description</u> | <u>Department</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> |
|-------------|--------------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|
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- Notes:**
1. Total cost includes purchase price plus capitalization.
 2. Estimated replacement cost represents total cost plus an annual inflation factor from the date of purchase. The inflation factor is currently set to 2.5% for classes 305-537 &
 3. Fire and Rescue Services has a separate fleet replacement schedule. The replacement of Fire's small fleet is based on Public Works methodology.
 4. Units are placed on the schedule based on an operational assessment. Units are evaluated annually based on a variety of factors to determine if replacements are required



Project Version Summary

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|-----------------------|--------------------------|---------------------|-----------------------------|
| Project # | OPS-005-16 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Fleet |
| Title | FleetFocus Web Migration | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | |
|---|--|
| Project Description | Version Description |
| <p>FleetFocus is the corporate fleet management software solution utilized to track all functions related to the maintenance of vehicle and equipment including processing of repair and preventative maintenance work orders and capturing operating expenses (i.e. fuel, parts, licensing, insurance, depreciation). It is also utilized to manage fleet replacement planning as well as parts and tool inventories.</p> <p>The software is used by the Public Works Operations Department, Transit Windsor and Fire. As a result of the Fleet Shared Service Review, Parks and Police are also implementing the FleetFocus software for use in managing their fleet operations. Migration to a web based system will allow users to leverage new features and gain efficiencies, improve system availability and decrease maintenance requirements. Upon implementation of the web based system, expansion is planned for the Airport to also utilize the system. This budget request is for the increased costs quoted by the vendor for the web modules as well the impact of the US exchange rate. It should be noted that the version of FleetFocus currently being utilized has already passed its end of life, therefore, vendor support may be limited.</p> | <p>In order to gain efficiencies, it is recommended that the FleetFocus web modules be purchased and implemented during the next system upgrade. These modules will make FleetFocus a web based application, provide many role-based portals, and provide enhanced reporting functionality. Moving to a web based software application will allow users to access the software from any network connected personal computer and decrease the maintenance requirements for the Information Technology Department. It will also allow users to leverage new features as new development and enhancements are directed towards the web version of the software.</p> <p>The estimated cost of this project includes the purchase of software licences, implementation services and training. There is an annual software maintenance fee that is shared among the five fleet areas which is currently in the Operating Budget.</p> |

| | |
|-----------------------------------|-------------------------|
| Project Comments/Reference | Version Comments |
| 7161034 | |

| Project Forecast | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----------------------------------|---------------|-----------|----------|---------------|---------------|---------------|---------------|------|---|---|---|------|---|---|---|------|---|---|---|------|---|---|---|------|--------|--------|---|------|---|---|---|-------|---|---|---|--|---------------|---------------|----------|--|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|------------------------|---|---|---|---|--------|---|---|--------|--------------|----------|----------|----------|----------|---------------|----------|----------|---------------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|---|---|---|---|--------|---|---|--------|--------------|----------|----------|----------|----------|---------------|----------|----------|---------------|
| <table border="1" style="width: 100%;"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2019</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2020</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2021</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2022</td><td>35,000</td><td>35,000</td><td>0</td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2024+</td><td>0</td><td>0</td><td>0</td></tr> <tr><td></td><td>35,000</td><td>35,000</td><td>0</td></tr> </tbody> </table> | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2018 | 0 | 0 | 0 | 2019 | 0 | 0 | 0 | 2020 | 0 | 0 | 0 | 2021 | 0 | 0 | 0 | 2022 | 35,000 | 35,000 | 0 | 2023 | 0 | 0 | 0 | 2024+ | 0 | 0 | 0 | | 35,000 | 35,000 | 0 | <table border="1" style="width: 100%;"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5126 Computer Software</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>35,000</td> <td>0</td> <td>0</td> <td>35,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>35,000</td> <td>0</td> <td>0</td> <td>35,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>35,000</td> <td>0</td> <td>0</td> <td>35,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>35,000</td> <td>0</td> <td>0</td> <td>35,000</td> </tr> </tbody> </table> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5126 Computer Software | 0 | 0 | 0 | 0 | 35,000 | 0 | 0 | 35,000 | Total | 0 | 0 | 0 | 0 | 35,000 | 0 | 0 | 35,000 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 35,000 | 0 | 0 | 35,000 | Total | 0 | 0 | 0 | 0 | 35,000 | 0 | 0 | 35,000 |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 35,000 | 35,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 35,000 | 35,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5126 Computer Software | 0 | 0 | 0 | 0 | 35,000 | 0 | 0 | 35,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 0 | 35,000 | 0 | 0 | 35,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 35,000 | 0 | 0 | 35,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 0 | 35,000 | 0 | 0 | 35,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Historical Approved Budget | Revenue | | | | | | | | |
|--|----------------|---------------|---------------|-----------|------|--------|--------|---|--|
| <table border="1" style="width: 100%;"> <thead> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr> <td>2016</td> <td>60,000</td> <td>60,000</td> <td>0</td> </tr> </tbody> </table> | Year | Total Expense | Net City Cost | Subsidies | 2016 | 60,000 | 60,000 | 0 | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | |
| 2016 | 60,000 | 60,000 | 0 | | | | | | |

| Related Projects | Operating Budget Impact | | | | | | | | |
|-------------------------|---|----------------|-------------|-----------|------------|---------|----------------------------|---|---|
| | <table border="1" style="width: 100%;"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>No Operating Budget Impact</td> <td>0</td> <td>0</td> </tr> </tbody> </table> | Effective Date | Description | Exp/(Rev) | FTE Impact | Unknown | No Operating Budget Impact | 0 | 0 |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | |
| Unknown | No Operating Budget Impact | 0 | 0 | | | | | | |

| | | | | |
|------------------------|-------------------|----------------------------------|---------------------|-----------------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date |
| 2016 | January 1, 2016 | Growth: 0.0 % Maintenance: 0.0 % | Angela Marazita | 2022 |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-----------------------------|
| Project # | OPS-022-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Fleet |
| Title | Purchase of Additional Fleet Equipment | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | 2017 (Active) | | |

| |
|--|
| Project Description |
| Funds are required to cover the cost of fleet additions and upgrades required to maintain service delivery levels. While the capital budget is based on a 5-year plan, fleet requests are provided on an annual basis, therefore, submissions will be made each year based on user requirements. |
| All requests are subject to review by the Fleet Review Committee. |

| |
|--|
| Version Description |
| 2018: Add 1 minivan for Building Department (Operating Budget Approval 2017-0216) Add 2 full size vans for Contracts, Field Services & Maintenance, and Facilities (Operating Budget Approvals in 2017-0212 & 2017-0044) Add 1 Side loading packer for Environmental Services (Operating Budget Approvals in 2017-0139) |
| 2022: Add 1 bus for Huron Lodge Unforeseen/Emergency Additions |
| 2023: Unforeseen/Emergency Additions |

| |
|---|
| Project Comments/Reference |
| See Document Attached (Closed: 7065024/7096002/7111020/7121008/7131113/7141003/7161035) Active: 7151010/7171022/7181017 |

| |
|---|
| Version Comments |
| As per CR666/2017, a municipal GHG Challenge Fund grant is being sought by Administration pre-committing the following funds by year: 2018 - \$106,853 |

| | | | |
|-------------------------|----------------------|----------------------|------------------|
| Project Forecast | | Revenue | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> |
| 2018 | 310,000 | 310,000 | 0 |
| 2019 | 0 | 0 | 0 |
| 2020 | 0 | 0 | 0 |
| 2021 | 0 | 0 | 0 |
| 2022 | 240,000 | 240,000 | 0 |
| 2023 | 150,000 | 150,000 | 0 |
| 2024+ | 495,000 | 495,000 | 0 |
| | 1,195,000 | 1,195,000 | 0 |

| | | | | | | | | | |
|----------------------------------|---------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--|
| Project Detailed Forecast | | | | | | | | | |
| <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | |
| Expenses | | | | | | | | | |
| 5110 | Machinery & Equipment - TCA | | | | | | | | |
| | 310,000 | 0 | 0 | 0 | 240,000 | 150,000 | 495,000 | 1,195,000 | |
| Total | 310,000 | 0 | 0 | 0 | 240,000 | 150,000 | 495,000 | 1,195,000 | |
| Revenues | | | | | | | | | |
| 169 | Pay As You Go - Capital Reserve | | | | | | | | |
| | 310,000 | 0 | 0 | 0 | 240,000 | 150,000 | 495,000 | 1,195,000 | |
| Total | 310,000 | 0 | 0 | 0 | 240,000 | 150,000 | 495,000 | 1,195,000 | |

| | | | |
|-----------------------------------|----------------------|----------------------|------------------|
| Historical Approved Budget | | Revenue | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> |
| 2009 | 255,000 | 255,000 | 0 |
| 2011 | 154,000 | 154,000 | 0 |
| 2012 | 60,000 | 60,000 | 0 |
| 2013 | 25,000 | 25,000 | 0 |
| 2014 | 125,000 | 125,000 | 0 |
| 2015 | 155,500 | 155,500 | 0 |
| 2016 | 40,000 | 40,000 | 0 |
| 2017 | 145,000 | 145,000 | 0 |

| |
|-------------------------|
| Related Projects |
|-------------------------|

| | | | |
|--------------------------------|--|------------------|-------------------|
| Operating Budget Impact | | | |
| <u>Effective Date</u> | <u>Description</u> | <u>Exp/(Rev)</u> | <u>FTE Impact</u> |
| Unknown | Increased operating budgets related to maintenance, parts, fuel, etc. required when equipment is added to the fleet. Magnitude of additional costs dependent upon type of equipment being added. | 0 | 0 |

| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date |
|------------------------|-------------------|------------------------------------|---------------------|-----------------------------|
| 2007 | January 1, 2016 | Growth: 100.0 % Maintenance: 0.0 % | Angela Marazita | Ongoing |

Referred by the Fleet Review Committee to the Capital Budget Review Committee

Fleet Additions & Upgrades Budget Summary

| Item | Department/ Division | Fleet Area | Equipment Request | Request Type | Background Information | Estimated Purchase Price | | | | | |
|------|--------------------------------|------------|-----------------------|-----------------|---|--------------------------|------|------|------|------|------|
| | | | | | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
| 1 | Building | Corporate | 1 Minivan | Addition | During the 2017 budget process, one Building Inspector and vehicle were approved (2017-0216). This unit is required for the new permanent Building Inspector to carry out his job duties. An electric vehicle will be purchased pending the results of the electric vehicle pilot program. | \$ 40,000 | | | | | |
| 2 | Contracts, Field & Maintenance | Corporate | 1 Full Size Van | Addition | During the 2017 budget process, one Construction Technician and vehicle were approved (2017-0212). This unit is required for the new permanent Construction Technician to carry out his job duties. | \$ 35,000 | | | | | |
| 3 | Environmental | Corporate | 1 Side loading packer | Addition | During the 2017 budget process, the budget for a second side loading packer was approved (2017-0139). In an effort to achieve necessary budget cuts, one side-loader was removed from the budget. Despite route adjustments, the work continues to require a second side-loader which has been rented for 12 months of the year. By purchasing this unit, the department will not need to rent a side-loader. The Fleet and Environmental Services Divisions have met to discuss alternative pieces of equipment and as a result are submitting a lower budget request than the estimated \$250,000 required to purchase a side loading packer. | \$ 200,000 | | | | | |
| 3 | Facilities | Corporate | 1 Full Size Van | Addition | During the 2017 budget process, one Building Automation & Low Voltage Systems Technician and vehicle were approved (2017-0044). This unit is required for the new Technician to carry out his job duties. | \$ 35,000 | | | | | |

Referred by the Fleet Review Committee to the Capital Budget Review Committee

Fleet Additions & Upgrades Budget Summary

| Item | Department/ Division | Fleet Area | Equipment Request | Request Type | Background Information | Estimated Purchase Price | | | | | |
|---------------------------------------|-------------------------|------------|--|-----------------|--|--------------------------|-------------|-------------|-------------|-------------------|-------------------|
| | | | | | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
| 4 | Huron Lodge | Corporate | 1 Bus | Addition | A bus is required to replace the current 2009 model that was purchased using charitable funds, therefore it is not on the corporate fleet replacement plan. The life cycle for this unit is 12 years and the condition rating as of January 2017 is "very good". This bus is used to transport residents and staff members on various outings throughout Windsor and Essex County as per the Long Term Care Homes Act and Regulations. This is the only bus Huron Lodge has to provide this service. | | | | | \$ 90,000 | |
| 5 | Various | All | Unforeseen and/or emergency additions. | Addition | While capital budget is based on a 5 year plan, equipment requests are provided on an annual basis, therefore, submissions will be made each year based on user requirements unless the user is able to forecast farther in advance. | | | | | \$ 150,000 | \$ 150,000 |
| Total Fleet Additions/Upgrades | | | | | | \$ 310,000 | \$ - | \$ - | \$ - | \$ 240,000 | \$ 150,000 |
| Rounded | | | | | | \$ 310,000 | \$ - | \$ - | \$ - | \$ 240,000 | \$ 150,000 |

Notes:

1. All requests must be reviewed by the Fleet Review Committee prior to being submitted as a capital budget request.
2. Estimated Purchase Price represents purchase price and capitalization costs.

| | | | |
|-----------------------|---------------------|-----------------------|-------------------------|
| Budget Issue # | 2017-0216 | Stage | Approved |
| CLT Office | | Classification | [3] Budget Enhancement |
| Department | Planning & Building | Category | [M] Service Enhancement |
| Division | Building | Status | Public |

[RECOMMENDED] Addition of One Permanent Building Inspector

Recommended by Department

One-Time BSR Funding Requirement: \$0

Recommendation:

One-Time Funding:

Issue Detail

The Building Division has experienced a gradual increase in permit activity since the recession of 2008 and is anticipating a continued rise in demand for services into 2017 where activity is expected to level off. The direction thereafter will depend on the prevailing state of the local economy. This increase has caused significant pressures in terms of being able to keep up with demand for permit reviews and inspections.

The Department is requesting to hire one additional Building Inspector to help ensure adequate work load coverage. In 2016 Administration identified the need for two (2) new Inspector positions with only one (1) being approved. The need for one more Building Inspector persists in order to ensure legislative service levels are met and risk to the corporation mitigated.

As of August 15, 2016 there were 5,567 outstanding permits with 7,325 outstanding final inspections required to close the 5,567 permits. The closing of permits require several specific inspections to be performed (i.e. Mechanical, Plumbing, structural, etc.). In excess of 600 of those permits are over 10 years old whereas two year old files are more typical and acceptable. An industry normal for the current volume of annual construction activity that Windsor sees is about 2,500 finals outstanding at any given time. The reason for Windsor’s higher than average number is Inspectors and support staff are prioritizing their work schedule to meet legislative timeframes to conduct required inspections as they are scheduled. Failure to perform this legislated Code review would risk work being covered without the necessary inspections or delaying construction projects. Final inspections pose an enforcement challenge and risk management issue for the City. A lack of adequate inspection resources to pursue delinquent permit holders to reconcile open final inspections poses a significant ongoing risk to the City, something that cannot be ignored. Additionally, progressive enforcement measures required to compel compliance can be time consuming and are often set aside to focus current resources on our active workload.

The Inspector position also enforces municipal property standards as well as conduct Site Plan Control related inspections.

Acceptance of this budget request would mean one Building Inspector added in total for year 2017, bringing the total number of employed Inspectors to fifteen. This would not preclude the Department from reviewing the by-laws further in the future with a view to service efficiency improvements and possible future budget savings considerations.

| Department | Dept ID | GL Account | Municipal Levy | Building Permit Reserves | Off Street Parking Reserves | Sewer Surcharge Reserves |
|-----------------------|--|--------------------------------|-----------------|--------------------------|-----------------------------|--------------------------|
| Corporate Accounts | Salary & Wage Adjust Provision | Fringe Benefit Allocation | 18,806 | | | |
| Planning & Building | Building - Inspections | Computer Maintenance | 480 | | | |
| Planning & Building | Building - Inspections | Computer Rental - INTERNAL | 600 | | | |
| Planning & Building | Building - Inspections | Fringe Benefits (Dept.) | 20,693 | | | |
| Planning & Building | Building - Inspections | Salary-Reg.Full Time | 62,692 | | | |
| Planning & Building | Building - Inspections | VehicleRent-Dedicated INTERNAL | 10,480 | | | |
| Planning & Building | Site Development (Building Permit Reserve) | TRANSFER to Current Fund | | 65,142 | | |
| Total Expenses | | | 113,751 | 65,142 | 0 | 0 |
| Corporate Accounts | Fringe Benefits Recovery | Automated Fringes Recovery | (20,693) | | | |
| Planning & Building | Site Development | TRANSFER From Reserve Funds | (65,142) | | | |
| Total Revenues | | | (85,835) | 0 | 0 | 0 |
| Net Total | | | 27,916 | 65,142 | 0 | 0 |

| Department | Dept ID | Position Title | Employee Class | FTE |
|---------------------|-----------------------|----------------|-------------------|------------|
| Planning & Building | Building -Inspections | Inspector | Regular Full-Time | 1.0 |
| Total: | | | | 1.0 |

| | | | |
|-----------------------|---------------------|-----------------------|-------------------------|
| Budget Issue # | 2017-0044 | Stage | Approved |
| CLT Office | | Classification | [3] Budget Enhancement |
| Department | Engineering | Category | [M] Service Enhancement |
| Division | Facility Operations | Status | Public |

Facility Operations - Josie Gualtieri

[RECOMMENDED] Addition of One Building Automation & Low Voltage Systems Technician

Recommended by Department

One-Time BSR Funding Required: \$0

Recommendation:

One-Time Funding:

Issue Detail

The Corporation has over 20 facilities with Building Automation Systems (BAS). The manufacturers and ages of each system vary; manufacturers include Honeywell, Delta, Airon, Johnson Controls, and Andover. The BAS monitors building systems, and provides manual or programmed control of a building's heating, ventilation and air conditioning, lighting and other systems. The BAS allows to troubleshoot problems remotely, prior to deploying staff or contractors to make a repair; make adjustments to settings based on user complaints, preferences, or special events; monitor systems, settings, and alarms in the case of failures or anomalies; optimization of building system performance and energy management; trending of system data. This control is available locally at the building, but can also be controlled remotely.

Staff is not currently available to actively monitor and control systems in every facility. Where staff is available, active monitoring and control is conducted on only select few systems during daytime hours. Problems are often detected through complaints or reports from employees or tenants. This model has obvious limitations and has proven to be problematic. Failures after hours are not being detected until the following business day; departments that operate evenings and weekends have no means of requesting changes to settings or assessment of problems. For example, the cooling system at one of our facilities hosting a wedding reception is set too high and guests are complaining that is warm at 11:00 pm; adjustments to the temperature settings is only available through the BAS; having a technician available to make adjustments remotely facilitates the response to such a request.

A Building Automation System Technician would be beneficial by:

- Actively monitoring systems for problems;
- Troubleshooting and correcting system problems remotely prior to visiting a site, engaging other staff or contractors for a repair, leading to cost savings;
- Attending sites to undertake preventative maintenance and repairs on BAS and other low voltage systems;
- Acting as the first responder and single point of contact for customer complaints and requests;
- Act as the corporate subject matter expert, focused on optimizing BAS integration and operability;
- Maintaining a centralized depository for system manuals, warranties, and provide training to other staff;
- Focusing on energy performance, recommending and implementing improvements;
- Analyzing trending of data to assess energy consumption or system errors.

| Department | Dept ID | GL Account | Municipal Levy | Building Permit Reserves | Off Street Parking Reserves | Sewer Surcharge Reserves |
|--------------------|--------------------------------|--------------------------------|-----------------|--------------------------|-----------------------------|--------------------------|
| Corporate Accounts | Salary & Wage Adjust Provision | Fringe Benefit Allocation | 17,998 | | | |
| Parks | Facility Operations Admin | Cell Phones | 600 | | | |
| Parks | Facility Operations Admin | Computer Maintenance | 400 | | | |
| Parks | Facility Operations Admin | Computer Rental - INTERNAL | 480 | | | |
| Parks | Facility Operations Admin | Fringe Benefits (Dept.) | 19,793 | | | |
| Parks | Facility Operations Admin | Salary-Reg.Full Time | 59,987 | | | |
| Parks | Facility Operations Admin | Training Courses | 500 | | | |
| Parks | Facility Operations Admin | VehicleRent-TempOther INTERNAL | 14,000 | | | |
| | | Total Expenses | 113,758 | 0 | 0 | 0 |
| Corporate Accounts | Fringe Benefits Recovery | Automated Fringes Recovery | (19,793) | | | |
| | | Total Revenues | (19,793) | 0 | 0 | 0 |
| | | Net Total | 93,965 | 0 | 0 | 0 |

| Department | Dept ID | Position Title | Employee Class | FTE |
|------------|---------------------------|--|-------------------|------------|
| Parks | Facility Operations Admin | Building Automation & Low Voltage Systems Technician | Regular Full-Time | 1.0 |
| | | | Total: | 1.0 |

| | | | |
|-----------------------|------------------------|-----------------------|------------------------|
| Budget Issue # | 2017-0139 | Stage | Approved |
| CLT Office | | Classification | [1] Budget Increase |
| Department | Public Works | Category | [G] Line Item Increase |
| Division | Environmental Services | Status | Public |

Adjust the Budget for Litter Bin Collection on Night Shift

[RECOMMENDED] Addition of Dedicated Fleet Budget for Litter Bin Collection on Night Shift

Recommended by Department

One-Time BSR Funding Requirement: \$0

Recommendation:

One-Time Funding:

Issue Detail

This request is to re-establish a dedicated Fleet budget for a second side-loader.

The Department had two side-loaders working City-wide over 2 shifts. In an effort to reach necessary budget cuts, routes were adjusted and one side-loader was removed from the budget. Despite route adjustments, the work continues to require a second vehicle and a second side-loader is rented for 12 months of the year. This request would provide the dedicated budget dollars for the second side-loader.

If the budget is not approved, the frequency of litter bin collection will need to be reduced to accommodate for one vehicle. (Refer to Issue 2017-0128).

| Department | Dept ID | GL Account | Municipal Levy | Building Permit Reserves | Off Street Parking Reserves | Sewer Surcharge Reserves |
|--------------|--|--------------------------------|-----------------|--------------------------|-----------------------------|--------------------------|
| Public Works | Environmental Services | VehicleRent-TempOther INTERNAL | 79,711 | | | |
| Public Works | Environmental Services (Sewer Surcharge) | TRANSFER to Current Fund | | | | 39,856 |
| | | Total Expenses | 79,711 | 0 | 0 | 39,856 |
| Public Works | Environmental Services | Sewer Surcharge Recoveries | (39,856) | | | |
| | | Total Revenues | (39,856) | 0 | 0 | 0 |
| | | Net Total | 39,855 | 0 | 0 | 39,856 |

| | | | |
|-----------------------|---|-----------------------|-------------------------|
| Budget Issue # | 2017-0212 | Stage | Approved |
| CLT Office | | Classification | [3] Budget Enhancement |
| Department | Public Works | Category | [M] Service Enhancement |
| Division | Contracts, Field Services & Maintenance | Status | Public |

Addition of Construction Technician Position

[RECOMMENDED] Addition of One Construction Technician Position

Recommended by Department

One-Time BSR Funding Requirement: \$0

Recommendation:

One-Time Funding:

Issue Detail

The roads budget (2016-2020) is approximately \$22,000,000 annually and this includes Capital Works Rehabilitation as well Operations Road Rehabilitation projects. This dollar amount was the 5 year average taken from the 2016 Capital Budget 5-Year Plan (Livelink Report # 18045).

The Contracts, Field Services and Maintenance Division of the Public Works Department carry out Quality Assurance (QA) tasks for the Corporation. The Construction Technologists that currently undertake the various QA activities for various departments do not do this work full time, all year. QA involves the sampling and testing of various materials used in heavy construction and rehabilitation projects such as asphalt, concrete, soils and aggregate.

Under the current model, QA is now undertaken by various Construction Technologists. As a result, there is no consistency in the current approach to QA that would allow changes in materials or products to be properly monitored and documented. The addition of the requested position would allow Public Works to be able to properly staff and setup a Quality Assurance program for the continued sampling, testing and monitoring of all materials utilized in heavy construction projects undertaken by the Corporation.

An effective QA program includes the weekly inspection of the various sources that provide granular materials to projects, drop in visits to projects (including developments) by dedicated QA staff to check if approved materials are being used, internal testing, documenting and monitoring of various materials for compliance to specifications as well monthly and annual reporting on the compliance of materials used on projects. The addition of a Construction Technician would enhance our current QA program and allow us to better monitor material compliance, installation and trends to ensure the City specifications are being adhered to.

The most critical factor when dealing with infrastructure construction is the continuous checking and monitoring of the materials used for their compliance with the required specifications. If materials are being used that do not meet the specifications, all the proper construction practices and techniques become irrelevant. Compliance with specifications also ensures that we are receiving the value expected for our investment and that they are built to meet the minimum design life of the assets. Without proper oversight we run the risk that projects do not meet standards and assets fail sooner than anticipated. Early failure of assets then creates a need for funding sooner than anticipated to address assets which should have not been planned to be revisited for years. This puts undue stress on the capital budget to address our infrastructure deficit which for our roads is already projected at \$365M (source: 2013 Asset Management Plan (AMP) Poor and Very Poor roads).

Substandard construction materials contribute to the Infrastructure priority enterprise risk. The addition of a Construction Technician Positions would help to mitigate this risk by reducing the probability that substandard construction materials are being used.

| Department | Dept ID | GL Account | Municipal Levy | Building Permit Reserves | Off Street Parking Reserves | Sewer Surcharge Reserves |
|-----------------------|--------------------------------|--------------------------------|-----------------|--------------------------|-----------------------------|--------------------------|
| Corporate Accounts | Salary & Wage Adjust Provision | Fringe Benefit Allocation | 13,800 | | | |
| Public Works | PW-Contracts, Field Serv, Main | Cell Phones | 500 | | | |
| Public Works | PW-Contracts, Field Serv, Main | Fringe Benefits (Dept.) | 15,178 | | | |
| Public Works | PW-Contracts, Field Serv, Main | Salary-Reg.Full Time | 46,000 | | | |
| Public Works | PW-Contracts, Field Serv, Main | VehicleRent-TempOther INTERNAL | 13,881 | | | |
| Total Expenses | | | 89,359 | 0 | 0 | 0 |
| Corporate Accounts | Fringe Benefits Recovery | Automated Fringes Recovery | (15,178) | | | |
| Public Works | PW-Contracts, Field Serv, Main | Work Auth Recovery INTERNAL | (74,181) | | | |
| Total Revenues | | | (89,359) | 0 | 0 | 0 |
| Net Total | | | 0 | 0 | 0 | 0 |

| Department | Dept ID | Position Title | Employee Class | FTE |
|---------------|--------------------------------|-------------------------|-------------------|------------|
| Public Works | PW-Contracts, Field Serv, Main | Construction Technician | Regular Full-Time | 1.0 |
| Total: | | | | 1.0 |



Project Version Summary

| | | | |
|-----------------------|-------------------------------|---------------------|-----------------------------|
| Project # | OPS-027-18 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Fleet |
| Title | Greening the Fleet | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | |
|--|---|
| Project Description | Version Description |
| <p>The City of Windsor has a number of plans that identify greening the fleet as an objective for the Fleet Division. The Environmental Master Plan identifies greening the fleet as an objective to reduce air emissions caused by City vehicles in order to create healthier communities. To demonstrate the City's commitment toward reducing its environmental impact, City Council adopted a resolution (M502-2012) to receive the Green Fleet Plan for information and approve it as a guiding document for the operation and management of the City's fleet. The plan includes an action item to "consider the purchase of green vehicles including hybrid, electric or alternative fuel vehicles where one is available in the appropriate class of vehicles and is operationally and economically feasible." Furthermore, Council recently approved the City's Corporate Climate Change Action Plan (CCAP) which aligns with the Ontario Climate Change Action Plan which includes electric vehicle incentives.</p> <p>This project is to assist with implementing new technologies, vehicles and equipment to green the city fleet to reduce emissions and reduce the total cost of fuel. For vehicles included in the City's fleet equipment replacement plans, this project is to provide funding for the incremental costs.</p> | <p>The Fleet Review Committee approved the implementation of a pilot electric vehicle program in 2017. The Ontario government's modernization of the electric vehicle incentive program has made electric vehicles more affordable by offering incentives in 2017 for the purchase of electric vehicles as well as charging stations. Additionally there is a greater selection of electric vehicles from all manufacturers available for consideration. Expansion of electric vehicles in the corporate fleet will require capital funds for the incremental vehicle costs as well as the purchase and installation of electric charging stations.</p> |

| | |
|-----------------------------------|-------------------------|
| Project Comments/Reference | Version Comments |
| | |

| Project Forecast | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------------------|----------------|---------------|----------|---------------|---------------|----------------|----------------|---|---|------|---|---|---|------|---|---|---|------|---|---|---|------|--------|--------|---|------|--------|--------|---|-------|---------|---------|---|--------------|----------------|----------------|----------|---|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|------------------------------------|---|---|---|---|--------|--------|---------|---------|--------------|----------|----------|----------|----------|---------------|---------------|----------------|----------------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|---|---|---|---|--------|--------|---------|---------|--------------|----------|----------|----------|----------|---------------|---------------|----------------|----------------|
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Year</th> <th rowspan="2">Total Expense</th> <th colspan="2">Revenue</th> </tr> <tr> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2019</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2020</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2021</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2022</td><td>50,000</td><td>50,000</td><td>0</td></tr> <tr><td>2023</td><td>50,000</td><td>50,000</td><td>0</td></tr> <tr><td>2024+</td><td>200,000</td><td>200,000</td><td>0</td></tr> <tr><td>Total</td><td>300,000</td><td>300,000</td><td>0</td></tr> </tbody> </table> | Year | Total Expense | Revenue | | Net City Cost | Subsidies | 2018 | 0 | 0 | 0 | 2019 | 0 | 0 | 0 | 2020 | 0 | 0 | 0 | 2021 | 0 | 0 | 0 | 2022 | 50,000 | 50,000 | 0 | 2023 | 50,000 | 50,000 | 0 | 2024+ | 200,000 | 200,000 | 0 | Total | 300,000 | 300,000 | 0 | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>2250 Vehicle Maint Parts/Materials</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>50,000</td> <td>50,000</td> <td>200,000</td> <td>300,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>50,000</td> <td>50,000</td> <td>200,000</td> <td>300,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>50,000</td> <td>50,000</td> <td>200,000</td> <td>300,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>50,000</td> <td>50,000</td> <td>200,000</td> <td>300,000</td> </tr> </tbody> </table> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 2250 Vehicle Maint Parts/Materials | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 200,000 | 300,000 | Total | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 200,000 | 300,000 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 200,000 | 300,000 | Total | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 200,000 | 300,000 |
| Year | | | Total Expense | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 200,000 | 200,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 300,000 | 300,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2250 Vehicle Maint Parts/Materials | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 200,000 | 300,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 200,000 | 300,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 200,000 | 300,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 200,000 | 300,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|-----------------------------------|--------------------------------|
| Historical Approved Budget | Operating Budget Impact |
| | |

| | | | | |
|------------------------|-------------------|----------------------------------|---------------------|-----------------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date |
| 2018 | January 1, 2022 | Growth: 0.0 % Maintenance: 0.0 % | Angela Marazita | Ongoing |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|--|
| Project # | OPS-001-10 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Traffic Ops, Parking & Trans. Planning |
| Title | Traffic Signal LED Replacement Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | |
|---|--|
| Project Description | Version Description |
| The useful life of the LEDs ranges from 7 – 10 years. At the time of purchase, LEDs have a 5-year warranty on lumen output, and will be replaced free of charge if they fall below acceptable lumen levels or have any type of failure within the warranty period. The brightness of the LEDs older than 5-years is monitored regularly for re-prioritization in the LED replacement plan. Visual inspection will be undertaken to prioritize the locations requiring LED replacement annually. | Full conversion of LED signal heads was completed in late 2013/early 2014. Replacement of LEDs that have reached the end of their useful life cycle has commenced on Huron Church Road and will continue on this arterial until completed. We will then continue on with the priority list which is based on life cycle of LEDs currently installed. |

| | |
|-----------------------------------|-------------------------|
| Project Comments/Reference | Version Comments |
| 7109004 | |

| Project Forecast | Revenue | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------|----------------------------------|---------------|-----------|---------|---------|---------|-----------|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|------|---------|---------|---|-------|---------|---------|---|--|------------------|------------------|----------|--|--|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-----------------------------------|---|---------|---------|---------|---------|---------|---------|-----------|-------|---|---------|---------|---------|---------|---------|---------|-----------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|---|---------|---------|---------|---------|---------|---------|-----------|-------|---|---------|---------|---------|---------|---------|---------|-----------|
| <table border="1"> <thead> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2019</td><td>350,000</td><td>350,000</td><td>0</td></tr> <tr><td>2020</td><td>450,000</td><td>450,000</td><td>0</td></tr> <tr><td>2021</td><td>200,000</td><td>200,000</td><td>0</td></tr> <tr><td>2022</td><td>200,000</td><td>200,000</td><td>0</td></tr> <tr><td>2023</td><td>200,000</td><td>200,000</td><td>0</td></tr> <tr><td>2024+</td><td>700,000</td><td>700,000</td><td>0</td></tr> <tr><td></td><td>2,100,000</td><td>2,100,000</td><td>0</td></tr> </tbody> </table> | Year | Total Expense | Net City Cost | Subsidies | 2018 | 0 | 0 | 0 | 2019 | 350,000 | 350,000 | 0 | 2020 | 450,000 | 450,000 | 0 | 2021 | 200,000 | 200,000 | 0 | 2022 | 200,000 | 200,000 | 0 | 2023 | 200,000 | 200,000 | 0 | 2024+ | 700,000 | 700,000 | 0 | | 2,100,000 | 2,100,000 | 0 | | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td>0</td> <td>350,000</td> <td>450,000</td> <td>200,000</td> <td>200,000</td> <td>200,000</td> <td>700,000</td> <td>2,100,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>350,000</td> <td>450,000</td> <td>200,000</td> <td>200,000</td> <td>200,000</td> <td>700,000</td> <td>2,100,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td>0</td> <td>350,000</td> <td>450,000</td> <td>200,000</td> <td>200,000</td> <td>200,000</td> <td>700,000</td> <td>2,100,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>350,000</td> <td>450,000</td> <td>200,000</td> <td>200,000</td> <td>200,000</td> <td>700,000</td> <td>2,100,000</td> </tr> </tbody> </table> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5410 Construction Contracts - TCA | 0 | 350,000 | 450,000 | 200,000 | 200,000 | 200,000 | 700,000 | 2,100,000 | Total | 0 | 350,000 | 450,000 | 200,000 | 200,000 | 200,000 | 700,000 | 2,100,000 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | 0 | 350,000 | 450,000 | 200,000 | 200,000 | 200,000 | 700,000 | 2,100,000 | Total | 0 | 350,000 | 450,000 | 200,000 | 200,000 | 200,000 | 700,000 | 2,100,000 |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 350,000 | 350,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 450,000 | 450,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 200,000 | 200,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 200,000 | 200,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 200,000 | 200,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 700,000 | 700,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2,100,000 | 2,100,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5410 Construction Contracts - TCA | 0 | 350,000 | 450,000 | 200,000 | 200,000 | 200,000 | 700,000 | 2,100,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 350,000 | 450,000 | 200,000 | 200,000 | 200,000 | 700,000 | 2,100,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | 0 | 350,000 | 450,000 | 200,000 | 200,000 | 200,000 | 700,000 | 2,100,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 350,000 | 450,000 | 200,000 | 200,000 | 200,000 | 700,000 | 2,100,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Historical Approved Budget | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----------------|---------------|---------------|-----------|------|--------|--------|---|------|--------|--------|---|------|--------|--------|---|------|--------|--------|---|------|--------|--------|---|------|--------|--------|---|------|--------|--------|---|--|
| <table border="1"> <thead> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2010</td><td>50,000</td><td>50,000</td><td>0</td></tr> <tr><td>2011</td><td>50,000</td><td>50,000</td><td>0</td></tr> <tr><td>2012</td><td>50,000</td><td>50,000</td><td>0</td></tr> <tr><td>2013</td><td>50,000</td><td>50,000</td><td>0</td></tr> <tr><td>2014</td><td>50,000</td><td>50,000</td><td>0</td></tr> <tr><td>2015</td><td>50,000</td><td>50,000</td><td>0</td></tr> <tr><td>2016</td><td>50,000</td><td>50,000</td><td>0</td></tr> </tbody> </table> | Year | Total Expense | Net City Cost | Subsidies | 2010 | 50,000 | 50,000 | 0 | 2011 | 50,000 | 50,000 | 0 | 2012 | 50,000 | 50,000 | 0 | 2013 | 50,000 | 50,000 | 0 | 2014 | 50,000 | 50,000 | 0 | 2015 | 50,000 | 50,000 | 0 | 2016 | 50,000 | 50,000 | 0 | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2010 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2011 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2012 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2013 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2014 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2015 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2016 | 50,000 | 50,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Related Projects | Operating Budget Impact | | | | | | | | |
|-------------------------|--|----------------|-------------|-----------|------------|---------|--|---|---|
| | <table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>Upgraded equipment will yield lower maintenance costs.</td> <td>0</td> <td>0</td> </tr> </tbody> </table> | Effective Date | Description | Exp/(Rev) | FTE Impact | Unknown | Upgraded equipment will yield lower maintenance costs. | 0 | 0 |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | |
| Unknown | Upgraded equipment will yield lower maintenance costs. | 0 | 0 | | | | | | |

| | | | | |
|------------------------|-------------------|----------------------------------|---------------------|-----------------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date |
| 2010 | January 1, 2015 | Growth: 0.0 % Maintenance: 0.0 % | John Wolf | Ongoing |



Project Version Summary

| | | | |
|-----------------------|---------------------------------------|---------------------|--|
| Project # | OPS-001-13 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Traffic Ops, Parking & Trans. Planning |
| Title | Parking Equipment Replacement Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | Ward 2, Ward 3, Ward 4 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | |
|--|----------------------|------------------------------------|---------------------|--|---|-------------|-------------|-----------------------------|-------------|-------------|--------------|------------------|-------------------|--|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | |
| There are several pieces of equipment used in the day to day operations for the On/Off Street Parking Division that require upgrading/replacement over the next several years due to age and new payment technologies. | | | | An annual allotment of funds is identified for replacement of equipment each year. Equipment being replaced includes parking meters, exit gates, entrance gates, cameras, server for new web based parking ID equipment, pay stations, pay & display machines. Replacements could be a result of upgrading of technology and / or replacement due to age or repair requirements. | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | |
| 7135001 | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | |
| 2018 | 120,000 | 120,000 | 0 | Expenses | | | | | | | | | | | | | | | |
| 2019 | 100,000 | 100,000 | 0 | 5110 Machinery & Equipment - TCA | | | | | | | | | | | | | | | |
| 2020 | 100,000 | 100,000 | 0 | 120,000 100,000 100,000 100,000 100,000 100,000 100,000 720,000 | | | | | | | | | | | | | | | |
| 2021 | 100,000 | 100,000 | 0 | Total 120,000 100,000 100,000 100,000 100,000 100,000 100,000 720,000 | | | | | | | | | | | | | | | |
| 2022 | 100,000 | 100,000 | 0 | Revenues | | | | | | | | | | | | | | | |
| 2023 | 100,000 | 100,000 | 0 | 138 Off Street Parking | | | | | | | | | | | | | | | |
| 2024+ | 100,000 | 100,000 | 0 | 120,000 100,000 100,000 100,000 100,000 100,000 100,000 720,000 | | | | | | | | | | | | | | | |
| | 720,000 | 720,000 | 0 | Total 120,000 100,000 100,000 100,000 100,000 100,000 100,000 720,000 | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | |
| 2013 | 106,000 | 106,000 | 0 | | | | | | | | | | | | | | | | |
| 2014 | 92,000 | 92,000 | 0 | | | | | | | | | | | | | | | | |
| 2015 | 72,000 | 72,000 | 0 | | | | | | | | | | | | | | | | |
| 2016 | 62,000 | 62,000 | 0 | | | | | | | | | | | | | | | | |
| 2017 | 62,000 | 62,000 | 0 | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | | | | | | |
| | | | | Unknown | Equipment replacements will likely result in decreased operating costs related to maintenance | | | | | | | 0 | 0 | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | | Est. Completion Date | | | | | | | | | | | |
| 2013 | January 1, 2015 | Growth: 0.0 % Maintenance: 100.0 % | John Wolf | | | | | Ongoing | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|-------------------------------|---------------------|--|
| Project # | OPS-001-18 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Traffic Ops, Parking & Trans. Planning |
| Title | School Neighbourhood Policy | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|---------------------|--|--|-------------|-------------|-------------|-------------|-------------|-------------|------------------|-------------------|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | |
| The cost to implement the School Neighbourhood Policy varies on a location basis. Locations requiring school zone signage with controllable flashing signs are estimated to cost approximately \$15,000 per street location. Other standard signage is less costly to install and maintain. | | | | In October of 2016, Council adopted the School Neighbourhood Policy, CR645/2016. Based on a high-level estimate, bringing all of the school locations into compliance with the policy will cost approximately \$1.8 million. Implementation of policy recommendations at existing locations will be undertaken on a priority basis as funding and resources allow. | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5475 Non-Tendered Construction Cost | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 150,000 | 150,000 | 150,000 | 450,000 | | | |
| 2020 | 0 | 0 | 0 | Total | | 0 | 0 | 0 | 0 | 150,000 | 150,000 | 150,000 | 450,000 | | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | |
| 2022 | 150,000 | 150,000 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | |
| 2023 | 150,000 | 150,000 | 0 | | | 0 | 0 | 0 | 0 | 150,000 | 150,000 | 150,000 | 450,000 | | | |
| 2024+ | 150,000 | 150,000 | 0 | Total | | 0 | 0 | 0 | 0 | 150,000 | 150,000 | 150,000 | 450,000 | | | |
| | | 450,000 | 450,000 | 0 | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | |
| Related Projects | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | | | |
| | | | | Unknown | The addition of signage including controllable flashing signs have associated on-going maintenance costs | | | | | | | 0 | 0 | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | | |
| 2018 | January 1, 2022 | Growth: 0.0 % Maintenance: 0.0 % | Josette Eugeni | Ongoing | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|--|
| Project # | OPS-002-09 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Traffic Ops, Parking & Trans. Planning |
| Title | Video Detection Infrastructure & Equipment Upgrade/Replacement Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|---------------------|---|--|------------------|-------------------|-------------|-------------|-------------|-------------|--------------|--------------|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | |
| Signalized systems are designed to provide coordination, reduce stops and delays and provide green times based on vehicle demand and adapt to ever-changing traffic conditions. Properly operating traffic signal systems provide significant cost savings to the motoring public by reducing stops and delays which results in increased fuel mileage, reduced maintenance costs, accidents and travel times. These improvements are very visible to the public. Less than optimal operation is often a source of driver frustration, leads to increased congestion and reduced roadway operation. Vehicle detection is the critical component needed to provide optimal traffic signal operation and obtain the benefits noted. | | | | This project will provide for Video Detection implementation and the associated infrastructure improvements required for its implementation. Historically, vehicle detection systems are embedded into road surfaces. Due to weather conditions (freeze-thaw cycles), vehicle wear and tear and roadway deterioration, the traditional vehicle detectors fail after 5 years of operations and much more quickly once road surfaces start to fracture. Video Detection Systems have progressed over the last five years, providing a reliable vehicle detection system which is not impacted by road conditions, weather or other external factors. Video detection is a prerequisite to the implementation of adaptive signal operation modules and strategies. The funds will be used for installation of video detection on arterial and collector roads not completed. | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | |
| 7132014 | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | |
| 2019 | 500,000 | 500,000 | 0 | | | 0 | 500,000 | 400,000 | 400,000 | 120,000 | 120,000 | 500,000 | 2,040,000 | | | |
| 2020 | 400,000 | 400,000 | 0 | | | | | | | | | | | | | |
| 2021 | 400,000 | 400,000 | 0 | | | | | | | | | | | | | |
| 2022 | 120,000 | 120,000 | 0 | | | | | | | | | | | | | |
| 2023 | 120,000 | 120,000 | 0 | | | | | | | | | | | | | |
| 2024+ | 500,000 | 500,000 | 0 | | | | | | | | | | | | | |
| | 2,040,000 | 2,040,000 | 0 | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Revenue | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | | | |
| 2017 | 500,000 | 500,000 | 0 | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | |
| | | | | Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | | | | |
| | | | | Unknown | Addition of equipment will increase maintenance operating costs. Increased costs will be offset with decreased costs related to the number of service calls and investigation related to complaints due to the automation and upgrades. Net affect on operating is unknown at this time. | 0 | 0 | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | | |
| 2009 | January 1, 2017 | Growth: 0.0 % Maintenance: 0.0 % | John Wolf | Ongoing | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|--|
| Project # | OPS-003-14 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Traffic Ops, Parking & Trans. Planning |
| Title | University Avenue Environmental Assessment Placeholder | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 2, Ward 3 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | |
|--|----------------------|------------------------------------|--|--|---------------------------------|-------------|-----------------------------|-------------|-------------|-------------|------------------|-------------------|
| Project Description | | | Version Description | | | | | | | | | |
| As per the 2014 Enhanced Capital Plan, Council approved in principle funds from the 2018 Debt Reduction Levy for an environmental assessment that will be undertaken to create an attractive complete streets corridor by identifying the preferred alternative to reallocate any identified surplus vehicle capacity and optimize the design of the right-of-way. Implementation will be initiated with the balance of the funding. | | | As per CR89/2014, Report #17088, Council approved the University Avenue project from Huron Church Road to McDougall Street as part of the 2013 enhanced capital budget to be funded in 2018. | | | | | | | | | |
| Project Comments/Reference | | | Version Comments | | | | | | | | | |
| 7144008/7149000 | | | As per CR148/2014, report #17205, City Council approved a re-allocation of \$986,000 to the Wyandotte-Gladstone/Devonshire project (7149000). | | | | | | | | | |
| Project Forecast | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | |
| 2018 | 5,000,000 | 5,000,000 | 0 | 5410 | Construction Contracts - TCA | | | | | | | |
| 2019 | 0 | 0 | 0 | | 5,000,000 | 0 | 0 | 0 | 0 | 0 | 0 | 5,000,000 |
| 2020 | 0 | 0 | 0 | | Total | | | | | | | |
| 2021 | 0 | 0 | 0 | | 5,000,000 | 0 | 0 | 0 | 0 | 0 | 0 | 5,000,000 |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 5,000,000 | 0 | 0 | 0 | 0 | 0 | 0 | 5,000,000 |
| | 5,000,000 | 5,000,000 | 0 | | Total | | | | | | | |
| | | | | | 5,000,000 | 0 | 0 | 0 | 0 | 0 | 0 | 5,000,000 |
| Historical Approved Budget | | | Operating Budget Impact | | | | | | | | | |
| Related Projects | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact |
| | | | Unknown | The results of the ESR could influence the on-going operating expenses | | | | | | 0 | 0 | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | Est. Completion Date | | | | | |
| 2014 | January 1, 2015 | Growth: 0.0 % Maintenance: 100.0 % | Josette Eugeni | | | | 2018 | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|--|
| Project # | OPS-003-16 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Traffic Ops, Parking & Trans. Planning |
| Title | Accessibility - Audible Pedestrian Signals Implementation (AODA) | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|--|--|--|-------------|-----------------------------|-------------|-------------|-------------|--------------|--------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | | | |
| On January 1, 2016 ODA legislation requires the installation of audible pedestrian signals under three scenarios, 1) at new traffic signals, 2) at signals which are being upgraded and 3) at locations where more than 50% of pedestrian heads are being replaced. The budget for new and upgraded signals are included in the appropriate new capital program 7045076 - New Signals & Signal Systems Improvements however, there is no budget allocation for those locations under scenario 3. The cost to implement audible pedestrian signals for an all directional crossing (4 crosswalks at the intersection) is approximately \$9,000. | | | | Funds will be used to install audible signals at intersections where they are required. | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| 7045076 | | | | Note that it is being recommended that this request be presented to the ODA committee and if approved, funded from capital project 7086008 - Accessibility-ODA Requirements. | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 400,000 | 400,000 | | |
| 2020 | 0 | 0 | 0 | Total | | 0 | 0 | 0 | 0 | 0 | 0 | 400,000 | 400,000 | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 400,000 | 400,000 | | |
| 2024+ | 400,000 | 400,000 | 0 | Total | | 0 | 0 | 0 | 0 | 0 | 0 | 400,000 | 400,000 | | |
| | 400,000 | 400,000 | 0 | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| Related Projects | | | | Effective Date | | Description | | | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | | Annual Maintenance re budget issue 2017-0042 | | | | | | | | 0 | 0 |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2016 | January 1, 2016 | Growth: 0.0 % Maintenance: 0.0 % | | John Wolf | | | | Ongoing | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|--|
| Project # | OPS-006-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Traffic Ops, Parking & Trans. Planning |
| Title | Victoria Reconstruction EA - Chatham to Park | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 3 | | |
| Version Name | Main (Active) | | |

| Project Description | | As per the approved 2017 enhanced Capital Budget 5-year plan. | | Version Description | | The downtown transportation strategy recommended a further study to confirm the potential excess roadway capacity and to evaluate alternatives that would enhance this corridor. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|-------------------|---|---------------------|--------------------------------|------|--|-------|---------|---------------|---------------|-----------|------|---|---|---|------|---|---|---|------|---|---|---|------|---------|---------|---|------|---|---|---|------|---|---|---|-------|---|---|---|--|----------------|----------------|----------|----------------------------------|--|--|--|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-----------------------------------|--|--|--|--|--|--|--|--|--|---|---|---|---------|---|---|---|---------|-------|---|---|---|---------|---|---|---|---------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|--|--|--|--|--|--|--|--|--|---|---|---|---------|---|---|---|---------|-------|---|---|---|---------|---|---|---|---------|
| Project Comments/Reference | | 7171066 | | Version Comments | | Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan. Funding available in 2021. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2019</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2020</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2021</td><td>125,000</td><td>125,000</td><td>0</td></tr> <tr><td>2022</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2024+</td><td>0</td><td>0</td><td>0</td></tr> <tr><td></td><td>125,000</td><td>125,000</td><td>0</td></tr> </tbody> </table> | | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2018 | 0 | 0 | 0 | 2019 | 0 | 0 | 0 | 2020 | 0 | 0 | 0 | 2021 | 125,000 | 125,000 | 0 | 2022 | 0 | 0 | 0 | 2023 | 0 | 0 | 0 | 2024+ | 0 | 0 | 0 | | 125,000 | 125,000 | 0 | Project Detailed Forecast | | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>125,000</td> <td>0</td> <td>0</td> <td>0</td> <td>125,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>125,000</td> <td>0</td> <td>0</td> <td>0</td> <td>125,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>125,000</td> <td>0</td> <td>0</td> <td>0</td> <td>125,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>125,000</td> <td>0</td> <td>0</td> <td>0</td> <td>125,000</td> </tr> </tbody> </table> | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5410 Construction Contracts - TCA | | | | | | | | | | 0 | 0 | 0 | 125,000 | 0 | 0 | 0 | 125,000 | Total | 0 | 0 | 0 | 125,000 | 0 | 0 | 0 | 125,000 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | | | | | | | | | | 0 | 0 | 0 | 125,000 | 0 | 0 | 0 | 125,000 | Total | 0 | 0 | 0 | 125,000 | 0 | 0 | 0 | 125,000 |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 125,000 | 125,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 125,000 | 125,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 0 | 125,000 | 0 | 0 | 0 | 125,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 125,000 | 0 | 0 | 0 | 125,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 0 | 125,000 | 0 | 0 | 0 | 125,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 125,000 | 0 | 0 | 0 | 125,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2017 | January 23, 2017 | Growth: 0.0 % Maintenance: 0.0 % | Josette Eugeni | 2018 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|------------------------------|---------------------|--|
| Project # | OPS-007-16 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Traffic Ops, Parking & Trans. Planning |
| Title | Cabana Rd. Pavement Markings | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | Ward 1, Ward 9 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|--|--|----------------------------|-------------|-----------------------------|-------------|-------------|-------------|--------------|--------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | | | |
| CR92/2015 approves Traffic Operations to include ongoing capital requirements for the maintenance of specialty pavement markings of approximately \$110,000 every 5 years until full implementation of the Cabana/Division Road Corridor Environmental Study Report cross section. | | | | Cycling facilities on Cabana Road from Northway Avenue to Walker Road. | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | 0 | 0 | 110,000 | 0 | 0 | 0 | 110,000 | 220,000 | | |
| 2020 | 110,000 | 110,000 | 0 | Total | | 0 | 0 | 110,000 | 0 | 0 | 0 | 110,000 | 220,000 | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | 0 | 0 | 110,000 | 0 | 0 | 0 | 110,000 | 220,000 | | |
| 2024+ | 110,000 | 110,000 | 0 | Total | | 0 | 0 | 110,000 | 0 | 0 | 0 | 110,000 | 220,000 | | |
| | 220,000 | 220,000 | 0 | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| Related Projects | | | | Effective Date | | Description | | | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | | No Operating Budget Impact | | | | | | | | 0 | 0 |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2016 | January 1, 2020 | Growth: 0.0 % Maintenance: 0.0 % | | John Wolf | | | | Every 5 Years | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|--|
| Project # | OPS-009-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Traffic Ops, Parking & Trans. Planning |
| Title | Transportation Planning Environmental Study Reports (ESRs) | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

Project Description

Ongoing allocation to provide funds for Environmental Study Reports (ESR) as approved by CR148/2001.

The list of upcoming ESRs (alpha order) are:

- Central (Tesumseh to E.C. Row Expressway)
- E.C. Row Expressway
- Jefferson (Rose to to Airport Lands)
- Lauzon Road (Tecumseh Road East to Forest Glade Drive)
- Ojibway Parkway (MTO Jurisdiction to Morton Drive)
- Sandwich Street (McKee to Rosedale)
- Transportation Master Plan
- Truck Route Study
- Wyandotte Street East Extension (Jarvis to Banwell)

Project Comments/Reference

7086010

Version Description

ESRs typically extend beyond one year in duration (range from \$70,000 - \$500,000 per study). The proposed annual budget is insufficient to tackle a single typical ESR in one year and budgets are accumulated in order to initiate a project.

Version Comments

Project Forecast

| Year | Total Expense | Revenue | |
|--------------|------------------|------------------|-----------|
| | | Net City Cost | Subsidies |
| 2018 | 100,000 | 100,000 | 0 |
| 2019 | 100,000 | 100,000 | 0 |
| 2020 | 100,000 | 100,000 | 0 |
| 2021 | 100,000 | 100,000 | 0 |
| 2022 | 100,000 | 100,000 | 0 |
| 2023 | 100,000 | 100,000 | 0 |
| 2024+ | 1,300,000 | 1,300,000 | 0 |
| Total | 1,900,000 | 1,900,000 | 0 |

Historical Approved Budget

| Year | Total Expense | Revenue | |
|------|---------------|---------------|-----------|
| | | Net City Cost | Subsidies |
| 2007 | 200,000 | 200,000 | 0 |
| 2008 | 200,000 | 200,000 | 0 |
| 2009 | 200,000 | 200,000 | 0 |
| 2011 | 250,000 | 250,000 | 0 |
| 2012 | 100,000 | 100,000 | 0 |
| 2014 | 100,000 | 100,000 | 0 |
| 2015 | 100,000 | 100,000 | 0 |
| 2016 | 100,000 | 100,000 | 0 |
| 2017 | 100,000 | 100,000 | 0 |

Project Detailed Forecast

| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
|-------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|------------------|
| Expenses | | | | | | | | |
| 2950 Other Prof Services-External | | | | | | | | |
| | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 1,300,000 | 1,900,000 |
| Total | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 1,300,000 | 1,900,000 |
| Revenues | | | | | | | | |
| 160 Capital Expenditure Reserve | | | | | | | | |
| | 100,000 | 0 | 0 | 0 | 0 | 0 | 0 | 100,000 |
| 169 Pay As You Go - Capital Reserve | | | | | | | | |
| | 0 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 1,300,000 | 1,800,000 |
| Total | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 1,300,000 | 1,900,000 |

| Related Projects | | | Operating Budget Impact | | |
|------------------|-----------------|------------------------------------|-------------------------|--|----------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | |
| 2007 | January 2, 2015 | Growth: 25.0 % Maintenance: 75.0 % | Josette Eugeni | Ongoing | |
| | | | Effective Date | Description | Exp/(Rev) FTE Impact |
| | | | Unknown | The results of the ESRs could influence the operating expenses for the related capital projects. | 0 0 |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|--|
| Project # | OPS-010-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Traffic Ops, Parking & Trans. Planning |
| Title | Advanced Traffic Management System (ATMS) - Capital Software/Hardware Upgrades | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

Project Description
 Council approved upgrading of the ATMS system via CR636/2002 implementing a staged approach to traffic signal system upgrades. Stage 2 was approved by CR359/2005 to commence the workstation interface. CR711/2010 approved the pilot project for implementation of the 2070 controller and D4 firmware, communications system upgrade to ethernet from serial communications, system components to facilitate/integrate the 2070 and ethernet communication systems. Successful implementation of the pilot project made the 2070 the standard controller. This project will be ongoing.

Version Description
 The requested funds will be used for continued upgrading and addition of enhancements to the KITS/ATMS and continued upgrading of traffic controller equipment to the 2070 controller. This also includes upgrading the communication system to Ethernet from serial via fiber, VDSL, and broadband, replacement of central system hardware, implementation of central system modules, continued upgrade of KITS/ATMS enhanced operational functionalities (\$220K), VIVDS integration packages (\$200K), VideoXpert integration (\$40K), travel time monitoring (\$75K), adaptive traffic (\$600K) and other features, continued CCTV camera expansion, and installation of ITS components associated with the system. Although the method of data acquisition has not been determined yet, the system can currently provide data for autonomous vehicles. Data acquisition method is to be determined in the future.

Project Comments/Reference
 7003326

Version Comments

| Project Forecast | | Revenue | |
|-------------------------|----------------------|----------------------|------------------|
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> |
| 2018 | 600,000 | 600,000 | 0 |
| 2019 | 600,000 | 600,000 | 0 |
| 2020 | 600,000 | 600,000 | 0 |
| 2021 | 600,000 | 600,000 | 0 |
| 2022 | 600,000 | 600,000 | 0 |
| 2023 | 234,000 | 234,000 | 0 |
| 2024+ | 966,000 | 966,000 | 0 |
| | 4,200,000 | 4,200,000 | 0 |

| Project Detailed Forecast | | | | | | | | | |
|----------------------------------|---------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | |
| Expenses | | | | | | | | | |
| 5410 | Construction Contracts - TCA | | | | | | | | |
| | 600,000 | 600,000 | 600,000 | 600,000 | 600,000 | 234,000 | 966,000 | 4,200,000 | |
| | <u>Total</u> | <u>600,000</u> | <u>600,000</u> | <u>600,000</u> | <u>600,000</u> | <u>600,000</u> | <u>234,000</u> | <u>966,000</u> | <u>4,200,000</u> |
| Revenues | | | | | | | | | |
| 169 | Pay As You Go - Capital Reserve | | | | | | | | |
| | 0 | 0 | 0 | 0 | 366,000 | 0 | 0 | 366,000 | |
| 176 | Federal Gas Tax Rebate | | | | | | | | |
| | 600,000 | 600,000 | 600,000 | 600,000 | 234,000 | 234,000 | 966,000 | 3,834,000 | |
| | <u>Total</u> | <u>600,000</u> | <u>600,000</u> | <u>600,000</u> | <u>600,000</u> | <u>234,000</u> | <u>966,000</u> | <u>966,000</u> | <u>4,200,000</u> |

| Historical Approved Budget | | Revenue | |
|-----------------------------------|----------------------|----------------------|------------------|
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> |
| 2007 | 200,000 | 200,000 | 0 |
| 2008 | 200,000 | 200,000 | 0 |
| 2009 | 200,000 | 200,000 | 0 |
| 2010 | 200,000 | 200,000 | 0 |
| 2011 | 200,000 | 200,000 | 0 |
| 2012 | 200,000 | 200,000 | 0 |
| 2013 | 100,000 | 100,000 | 0 |
| 2015 | 250,000 | 250,000 | 0 |
| 2016 | 200,000 | 200,000 | 0 |
| 2017 | 200,000 | 200,000 | 0 |

| Related Projects | | | Operating Budget Impact | | |
|------------------|-----------------|------------------------------------|-------------------------|--|------------------------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | |
| 2007 | January 1, 2015 | Growth: 0.0 % Maintenance: 100.0 % | John Wolf | Ongoing | |
| | | | Effective Date | Description | Exp/(Rev) FTE Impact |
| | | | Unknown | Minimal decreases and/or increases in operating costs depending on work undertaken | 0 0 |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|--|
| Project # | OPS-012-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Traffic Ops, Parking & Trans. Planning |
| Title | Traffic Signals - Capital Upgrades and Replacements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | |
|--|---|
| <p>Project Description</p> <p>This project covers new and existing signals, pedestrian signals, and signal system upgrades required to ensure a safe operating system for the user. There are 287 existing signalized intersections and the average life cycle of a signalized intersection is 20 years. In 2018, there will be 56 signalized intersections 30 years old or older, and an additional 108 intersections that are 20 years old or older. All of these intersections are on the waiting list for upgrades at this time. The average material cost ranges from \$45,000 to \$55,000 and the average civil construction related costs average \$40,000 to \$70,000; therefore, an average of \$85,000 - \$125,000 per upgrade is required. In 2018, 164 signalized intersections will need to be upgraded to ensure all signalized intersections are within the 20 year life cycle. Afterwards, an average of 15 signals per year will need to be upgraded to meet the scheduled replacements. At a minimum, controller cabinets and devices should be replaced in this lifecycle.</p> | <p>Version Description</p> <p>In 2018, funds will be used for upgrading local intersection above ground equipment, including controller cabinets and devices (\$10,000 per location on average), poles, mastarms, etc., as well as underground plant and infrastructure. When sufficient funds become available, intersection upgrades will also be completed.</p> |
| <p>Project Comments/Reference</p> <p>7045076 See Document Attached</p> | <p>Version Comments</p> <p>As per CR628/2017, an amount of \$67,956 is being pre-committed (\$45,304 in 2018 and \$22,652 in 2019) under the Connecting Links grant program.</p> |

| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
|----------------------------|------------------|------------------------------------|-----------|---------------------------|--|---------|---------|----------------------|---------|------|---------|-----------|------------|--|
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | |
| 2018 | 200,000 | 200,000 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | |
| 2019 | 200,000 | 200,000 | 0 | | 200,000 | 200,000 | 300,000 | 300,000 | 300,000 | 0 | 600,000 | 1,900,000 | | |
| 2020 | 300,000 | 300,000 | 0 | Total | 200,000 | 200,000 | 300,000 | 300,000 | 300,000 | 0 | 600,000 | 1,900,000 | | |
| 2021 | 300,000 | 300,000 | 0 | Revenues | | | | | | | | | | |
| 2022 | 300,000 | 300,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 200,000 | 100,000 | 100,000 | 300,000 | 0 | 200,000 | 900,000 | | |
| 2024+ | 600,000 | 600,000 | 0 | 176 | Federal Gas Tax Rebate | | | | | | | | | |
| | 1,900,000 | 1,900,000 | 0 | Total | 200,000 | 200,000 | 300,000 | 300,000 | 300,000 | 0 | 600,000 | 1,900,000 | | |
| Historical Approved Budget | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | |
| 2007 | 200,000 | 200,000 | 0 | | | | | | | | | | | |
| 2008 | 200,000 | 200,000 | 0 | | | | | | | | | | | |
| 2009 | 300,000 | 300,000 | 0 | | | | | | | | | | | |
| 2010 | 300,000 | 300,000 | 0 | | | | | | | | | | | |
| 2011 | 200,000 | 200,000 | 0 | | | | | | | | | | | |
| 2012 | 100,000 | 100,000 | 0 | | | | | | | | | | | |
| 2013 | 100,000 | 100,000 | 0 | | | | | | | | | | | |
| 2014 | 100,000 | 100,000 | 0 | | | | | | | | | | | |
| 2015 | 150,000 | 150,000 | 0 | | | | | | | | | | | |
| 2016 | 300,000 | 300,000 | 0 | | | | | | | | | | | |
| 2017 | 300,000 | 300,000 | 0 | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | |
| | | | | Unknown | Upgraded equipment will yield lower maintenance costs. | | | | | | | 0 | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | |
| 2007 | January 1, 2015 | Growth: 0.0 % Maintenance: 100.0 % | | John Wolf | | | | Ongoing | | | | | | |

**Project Attachment
For: 2018**

Project # OPS-012-07

Project Name: Traffic Signals - Capital Upgrades and Replacements

| No. | INTERSECTION | LAST UPGRADE | UPGRADE DUE | AGE | YEARS LEFT IN LIFE CYCLE <small>(negative number indicates years past the useful life cycle)</small> | No. | INTERSECTION | LAST UPGRADE | UPGRADE DUE | AGE | YEARS LEFT IN LIFE CYCLE <small>(negative number indicates years past the useful life cycle)</small> |
|-----|----------------------------|--------------|-------------|-----|---|-----|-----------------------------|--------------|-------------|-----|---|
| 1 | BROCK & SANDWICH | 1970 | 1990 | 48 | -28 | 40 | GOYEAU & TUSCARORA | 1987 | 2007 | 31 | -11 |
| 2 | KILDARE & SENECA | 1978 | 1998 | 40 | -20 | 41 | McDOUGALL & SHEPHERD | 1987 | 2007 | 31 | -11 |
| 3 | CALIFORNIA & TECUMSEH | 1980 | 2000 | 38 | -18 | 42 | MELDRUM & TECUMSEH | 1987 | 2007 | 31 | -11 |
| 4 | CANTELON & LAUZON PKWY | 1980 | 2000 | 38 | -18 | 43 | MILL & SANDWICH | 1987 | 2007 | 31 | -11 |
| 5 | CENTRAL & E.C. ROW (N) | 1980 | 2000 | 38 | -18 | 44 | OTTAWA & WALKER | 1987 | 2007 | 31 | -11 |
| 6 | CENTRAL & E.C. ROW (S) | 1980 | 2000 | 38 | -18 | 45 | PARENT & TECUMSEH | 1987 | 2007 | 31 | -11 |
| 7 | DOMINION & E.C. ROW (N) | 1980 | 2000 | 38 | -18 | 46 | BERNARD & TECUMSEH | 1988 | 2008 | 30 | -10 |
| 8 | DOMINION & E.C. ROW (S) | 1980 | 2000 | 38 | -18 | 47 | CALIFORNIA & COLLEGE | 1988 | 2008 | 30 | -10 |
| 9 | ESSEX WAY & LAUZON PKWY | 1980 | 2000 | 38 | -18 | 48 | EUGENIE & OUELLETTE | 1988 | 2008 | 30 | -10 |
| 10 | FOREST GLADE & LAUZON PKWY | 1980 | 2000 | 38 | -18 | 49 | FORD & TECUMSEH | 1988 | 2008 | 30 | -10 |
| 11 | HAWTHORNE & LAUZON PKWY | 1980 | 2000 | 38 | -18 | 50 | GEORGE & TECUMSEH | 1988 | 2008 | 30 | -10 |
| 12 | RICHMOND & WALKER | 1980 | 2000 | 38 | -18 | 51 | JOS. ST. LOUIS & TECUMSEH | 1988 | 2008 | 30 | -10 |
| 13 | ELLIOTT & OUELLETTE | 1983 | 2003 | 35 | -15 | 52 | PILLETTE & WYANDOTTE | 1988 | 2008 | 30 | -10 |
| 14 | CAMPBELL & TECUMSEH | 1984 | 2004 | 34 | -14 | 53 | PRINCESS & TECUMSEH | 1988 | 2008 | 30 | -10 |
| 15 | CRAWFORD & WYANDOTTE | 1984 | 2004 | 34 | -14 | 54 | RIVARD & TECUMSEH | 1988 | 2008 | 30 | -10 |
| 16 | DIVISION & HOWARD | 1984 | 2004 | 34 | -14 | 55 | SEMINOLE & WALKER | 1988 | 2008 | 30 | -10 |
| 17 | ELLIOTT & GOYEAU | 1984 | 2004 | 34 | -14 | 56 | SENECA & WALKER | 1988 | 2008 | 30 | -10 |
| 18 | SUNSET & UNIVERSITY | 1984 | 2004 | 34 | -14 | 57 | AYLMER & WYANDOTTE | 1989 | 2009 | 29 | -9 |
| 19 | BRUCE & UNIVERSITY | 1985 | 2005 | 33 | -13 | 58 | FOREST GLADE & LAUZON | 1989 | 2009 | 29 | -9 |
| 20 | CHATHAM & GOYEAU | 1985 | 2005 | 33 | -13 | 59 | FOREST GLADE & WILDWOOD | 1989 | 2009 | 29 | -9 |
| 21 | DOMINION & GRAND MARAIS | 1985 | 2005 | 33 | -13 | 60 | GLENGARRY & WYANDOTTE | 1989 | 2009 | 29 | -9 |
| 22 | FOREST GLADE & TECUMSEH | 1985 | 2005 | 33 | -13 | 61 | GOYEAU & PITT | 1989 | 2009 | 29 | -9 |
| 23 | GEORGE & WYANDOTTE | 1985 | 2005 | 33 | -13 | 62 | GOYEAU & RIVERSIDE | 1989 | 2009 | 29 | -9 |
| 24 | GOYEAU & UNIVERSITY | 1985 | 2005 | 33 | -13 | 63 | GRAND MARAIS & HOWARD | 1989 | 2009 | 29 | -9 |
| 25 | HOWARD & ROUNDHOUSE | 1985 | 2005 | 33 | -13 | 64 | HALL & WYANDOTTE | 1989 | 2009 | 29 | -9 |
| 26 | CENTRAL & TECUMSEH | 1986 | 2006 | 32 | -12 | 65 | HURON CHURCH & NORTHWOOD | 1989 | 2009 | 29 | -9 |
| 27 | DOUGALL & TECUMSEH | 1986 | 2006 | 32 | -12 | 66 | HURON CHURCH & TOTTEN | 1989 | 2009 | 29 | -9 |
| 28 | HALL & TECUMSEH | 1986 | 2006 | 32 | -12 | 67 | PARENT & WYANDOTTE | 1989 | 2009 | 29 | -9 |
| 29 | HURON CHURCH & MALDEN | 1986 | 2006 | 32 | -12 | 68 | TECUMSEH & WESTMINSTER | 1989 | 2009 | 29 | -9 |
| 30 | JEFFERSON & ROSE | 1986 | 2006 | 32 | -12 | 69 | BRUCE & WYANDOTTE | 1990 | 2010 | 28 | -8 |
| 31 | KILDARE & OTTAWA | 1986 | 2006 | 32 | -12 | 70 | COUNTY RD 42 & COUNTY RD 17 | 1990 | 2010 | 28 | -8 |
| 32 | KILDARE & TECUMSEH | 1986 | 2006 | 32 | -12 | 71 | COUNTY RD 42 & LAUZON PKWY | 1990 | 2010 | 28 | -8 |
| 33 | LINCOLN & TECUMSEH | 1986 | 2006 | 32 | -12 | 72 | E.C. ROW & BANWELL | 1990 | 2010 | 28 | -8 |
| 34 | OTTAWA & PARENT | 1986 | 2006 | 32 | -12 | 73 | EUGENIE & MCDUGALL | 1990 | 2010 | 28 | -8 |
| 35 | CRAWFORD & UNIVERSITY | 1987 | 2007 | 31 | -11 | 74 | JANETTE & WYANDOTTE | 1990 | 2010 | 28 | -8 |
| 36 | DORCHESTER & HURON CHURCH | 1987 | 2007 | 31 | -11 | 75 | PATRICIA & WYANDOTTE | 1990 | 2010 | 28 | -8 |
| 37 | DOUGALL & EUGENIE | 1987 | 2007 | 31 | -11 | 76 | PELLISSIER & WYANDOTTE | 1990 | 2010 | 28 | -8 |
| 38 | DOUGALL & SUPERCENTER | 1987 | 2007 | 31 | -11 | 77 | SUNSET & WYANDOTTE W | 1990 | 2010 | 28 | -8 |
| 39 | ERIE & OUELLETTE | 1987 | 2007 | 31 | -11 | 78 | UNIVERSITY & VICTORIA | 1990 | 2010 | 28 | -8 |

**Project Attachment
For: 2018**

Project # OPS-012-07

Project Name: Traffic Signals - Capital Upgrades and Replacements

| No. | INTERSECTION | LAST UPGRADE | UPGRADE DUE | AGE | YEARS LEFT IN LIFE CYCLE <small>(negative number indicates years past the useful life cycle)</small> | No. | INTERSECTION | LAST UPGRADE | UPGRADE DUE | AGE | YEARS LEFT IN LIFE CYCLE <small>(negative number indicates years past the useful life cycle)</small> |
|-----|---------------------------|--------------|-------------|-----|---|-----|----------------------------------|--------------|-------------|-----|---|
| 79 | DOUGALL & NOTTINGHAM | 1991 | 2011 | 27 | -7 | 118 | CHRYSLER CENTRE & GATE 2 | 1996 | 2016 | 22 | -2 |
| 80 | HURON CHURCH & UNIVERSITY | 1991 | 2011 | 27 | -7 | 119 | DIVISION & SYDNEY | 1996 | 2016 | 22 | -2 |
| 81 | WINDSOR & WYANDOTTE | 1991 | 2011 | 27 | -7 | 120 | GOYEAU & PARK | 1996 | 2016 | 22 | -2 |
| 82 | CENTRAL & SEMINOLE | 1992 | 2012 | 26 | -6 | 121 | HIRAM WALKERS & RIVERSIDE | 1996 | 2016 | 22 | -2 |
| 83 | CHURCH & UNIVERSITY | 1992 | 2012 | 26 | -6 | 122 | JEFFERSON & RAYMOND | 1996 | 2016 | 22 | -2 |
| 84 | DOUGALL & NORFOLK | 1992 | 2012 | 26 | -6 | 123 | MCDOUGALL & HOWARD | 1996 | 2016 | 22 | -2 |
| 85 | DOUGALL & WEST GRAND | 1992 | 2012 | 26 | -6 | 124 | MCKAY & UNIVERSITY | 1996 | 2016 | 22 | -2 |
| 86 | DROUILLARD & SEMINOLE | 1992 | 2012 | 26 | -6 | 125 | MONTREIUL & RIVERSIDE | 1996 | 2016 | 22 | -2 |
| 87 | GEORGE & SEMINOLE | 1992 | 2012 | 26 | -6 | 126 | PARK & VICTORIA | 1996 | 2016 | 22 | -2 |
| 88 | HURON CHURCH & WYANDOTTE | 1992 | 2012 | 26 | -6 | 127 | ST. LOUIS & WYANDOTTE | 1996 | 2016 | 22 | -2 |
| 89 | PILLETTE & SEMINOLE | 1992 | 2012 | 26 | -6 | 128 | CHATHAM & GLENGARRY | 1997 | 2017 | 21 | -1 |
| 90 | VICTORIA & WYANDOTTE | 1992 | 2012 | 26 | -6 | 129 | CURRY & WYANDOTTE | 1997 | 2017 | 21 | -1 |
| 91 | DROUILLARD & RIVERSIDE | 1993 | 2013 | 25 | -5 | 130 | DOMINION & LABELLE | 1997 | 2017 | 21 | -1 |
| 92 | ELLIOTT & MCDOUGALL | 1993 | 2013 | 25 | -5 | 131 | EUGENIE & HOWARD | 1997 | 2017 | 21 | -1 |
| 93 | ELLIS & OUELLETTE | 1993 | 2013 | 25 | -5 | 132 | FLORENCE & RIVERSIDE | 1997 | 2017 | 21 | -1 |
| 94 | GIRARDOT & HURON CHURCH | 1993 | 2013 | 25 | -5 | 133 | GLENGARRY & UNIVERSITY | 1997 | 2017 | 21 | -1 |
| 95 | HURON CHURCH & TECUMSEH | 1993 | 2013 | 25 | -5 | 134 | HOWARD & COUNTRY CLUB/LAKE TRAIL | 1997 | 2017 | 21 | -1 |
| 96 | NORTHWAY & TECUMSEH | 1993 | 2013 | 25 | -5 | 135 | HOWARD & TECUMSEH | 1997 | 2017 | 21 | -1 |
| 97 | WELLINGTON & WYANDOTTE | 1993 | 2013 | 25 | -5 | 136 | LAUZON & RIVERSIDE | 1997 | 2017 | 21 | -1 |
| 98 | AYLMER & RIVERSIDE | 1994 | 2014 | 24 | -4 | 137 | PILLETTE & RIVERSIDE | 1997 | 2017 | 21 | -1 |
| 99 | BRUCE & RIVERSIDE | 1994 | 2014 | 24 | -4 | 138 | RIVERSIDE & WALKER | 1997 | 2017 | 21 | -1 |
| 100 | CHRYSLER CENTRE & GATE 6 | 1994 | 2014 | 24 | -4 | 139 | THOMPSON & WYANDOTTE | 1997 | 2017 | 21 | -1 |
| 101 | CHURCH & RIVERSIDE | 1994 | 2014 | 24 | -4 | 140 | AYLMER & CHATHAM | 1998 | 2018 | 20 | 0 |
| 102 | COLLEGE & HURON CHURCH | 1994 | 2014 | 24 | -4 | 141 | AYLMER & UNIVERSITY | 1998 | 2018 | 20 | 0 |
| 103 | ERIE & GOYEAU | 1994 | 2014 | 24 | -4 | 142 | CABANA & DOMINION | 1998 | 2018 | 20 | 0 |
| 104 | GILES & GOYEAU | 1994 | 2014 | 24 | -4 | 143 | CABANA & DOUGALL | 1998 | 2018 | 20 | 0 |
| 105 | GILES & MCDOUGALL | 1994 | 2014 | 24 | -4 | 144 | CABANA & GLENWOOD | 1998 | 2018 | 20 | 0 |
| 106 | GILES & PARENT | 1994 | 2014 | 24 | -4 | 145 | CENTRAL & DEZIEL | 1998 | 2018 | 20 | 0 |
| 107 | GLENGARRY & RIVERSIDE | 1994 | 2014 | 24 | -4 | 146 | CENTRAL & YPRES | 1998 | 2018 | 20 | 0 |
| 108 | OUELLETTE & SHEPHERD | 1994 | 2014 | 24 | -4 | 147 | CRAWFORD & COLLEGE | 1998 | 2018 | 20 | 0 |
| 109 | WATSON & WYANDOTTE | 1994 | 2014 | 24 | -4 | 148 | DOMINION & NORTHWOOD | 1998 | 2018 | 20 | 0 |
| 110 | CAMPBELL & GROVE | 1995 | 2015 | 23 | -3 | 149 | E.C. ROW (N) & HOWARD | 1998 | 2018 | 20 | 0 |
| 111 | CHRYSLER CENTRE & GATE 5 | 1995 | 2015 | 23 | -3 | 150 | E.C. ROW (S) & HOWARD | 1998 | 2018 | 20 | 0 |
| 112 | EDINBOROUGH & HOWARD | 1995 | 2015 | 23 | -3 | 151 | FLORA & RIVERSIDE | 1998 | 2018 | 20 | 0 |
| 113 | ERIE & MCDOUGALL | 1995 | 2015 | 23 | -3 | 152 | HOWARD & LOGAN | 1998 | 2018 | 20 | 0 |
| 114 | ERIE & VICTORIA | 1995 | 2015 | 23 | -3 | 153 | JEFFERSON & QUEEN ELIZABETH | 1998 | 2018 | 20 | 0 |
| 115 | GOYEAU & WYANDOTTE | 1995 | 2015 | 23 | -3 | 154 | LAUZON PKWY & TWIN OAKS | 1998 | 2018 | 20 | 0 |
| 116 | STRABANE & WYANDOTTE | 1995 | 2015 | 23 | -3 | 155 | MCDOUGALL & CITY HALL SQUARE S. | 1998 | 2018 | 20 | 0 |
| 117 | CENTRAL & TEMPLE | 1996 | 2016 | 22 | -2 | 156 | MCDOUGALL & RIVERSIDE | 1998 | 2018 | 20 | 0 |

**Project Attachment
For: 2018**

Project # OPS-012-07

Project Name: Traffic Signals - Capital Upgrades and Replacements

| No. | INTERSECTION | LAST UPGRADE | UPGRADE DUE | AGE | YEARS LEFT IN LIFE CYCLE <small>(negative number indicates years past the useful life cycle)</small> | No. | INTERSECTION | LAST UPGRADE | UPGRADE DUE | AGE | YEARS LEFT IN LIFE CYCLE <small>(negative number indicates years past the useful life cycle)</small> |
|-----|--------------------------------|--------------|-------------|-----|---|-----|--------------------------------|--------------|-------------|-----|---|
| 157 | MCDougall & University | 1998 | 2018 | 20 | 0 | 196 | Curry & Grand Marais | 2002 | 2022 | 16 | 4 |
| 158 | McDouGall & Wyandotte | 1998 | 2018 | 20 | 0 | 197 | Division & Walker | 2002 | 2022 | 16 | 4 |
| 159 | PARENT & ELLIS | 1998 | 2018 | 20 | 0 | 198 | Drouillard & Tecumseh | 2002 | 2022 | 16 | 4 |
| 160 | PROVINCIAL & SIXTH CONC. | 1998 | 2018 | 20 | 0 | 199 | Ferry & Riverside | 2002 | 2022 | 16 | 4 |
| 161 | RIVERSIDE & STRABANE | 1998 | 2018 | 20 | 0 | 200 | McDouGall & Tecumseh | 2002 | 2022 | 16 | 4 |
| 162 | ST.ROSE & WYANDOTTE | 1998 | 2018 | 20 | 0 | 201 | Ouellette & Riverside | 2002 | 2022 | 16 | 4 |
| 163 | TECUMSEH & LOEB IGA | 1998 | 2018 | 20 | 0 | 202 | Raymo & Wyandotte | 2002 | 2022 | 16 | 4 |
| 164 | VICTORIA & YMCA | 1998 | 2018 | 20 | 0 | 203 | Seminole & Snake Lane | 2002 | 2022 | 16 | 4 |
| 165 | ANNIE & TECUMSEH | 1999 | 2019 | 19 | 1 | 204 | Walker & Calderwood | 2002 | 2022 | 16 | 4 |
| 166 | CRAWFORD & TECUMSEH | 1999 | 2019 | 19 | 1 | 205 | Banwell & Tecumseh | 2003 | 2023 | 15 | 5 |
| 167 | CURRY/SOUTH CAMERON & TECUMSEH | 1999 | 2019 | 19 | 1 | 206 | Tecumseh & Walker | 2003 | 2023 | 15 | 5 |
| 168 | DIVISION & MARENTETTE | 1999 | 2019 | 19 | 1 | 207 | Walker & Canada Post | 2003 | 2023 | 15 | 5 |
| 169 | EASTOWN CTR & TECUMSEH | 1999 | 2019 | 19 | 1 | 208 | Chrysler Ctr. & Gate 3 | 2004 | 2024 | 14 | 6 |
| 170 | HURON CHURCH & RIVERSIDE | 1999 | 2019 | 19 | 1 | 209 | Dougall Pkwy & Sixth Conc | 2004 | 2024 | 14 | 6 |
| 171 | LAUZON & TECUMSEH | 1999 | 2019 | 19 | 1 | 210 | Foster & Walker | 2004 | 2024 | 14 | 6 |
| 172 | LAUZON & THE MALL | 1999 | 2019 | 19 | 1 | 211 | Monmouth & Ottawa | 2004 | 2024 | 14 | 6 |
| 173 | LAUZON PKWY & TECUMSEH | 1999 | 2019 | 19 | 1 | 212 | Walker & Coco Plaza | 2004 | 2024 | 14 | 6 |
| 174 | LINCOLN & RIVERSIDE | 1999 | 2019 | 19 | 1 | 213 | Banwell & Wildwood | 2005 | 2025 | 13 | 7 |
| 175 | OJIBWAY & WEAVER | 1999 | 2019 | 19 | 1 | 214 | Cabana & Howard | 2005 | 2025 | 13 | 7 |
| 176 | WALKER & ST.JULIEN | 1999 | 2019 | 19 | 1 | 215 | Central & Grand Marais | 2005 | 2025 | 13 | 7 |
| 177 | WALKER & VIMY | 1999 | 2019 | 19 | 1 | 216 | Chrysler Centre & Grand Marais | 2005 | 2025 | 13 | 7 |
| 178 | CAMPBELL & COLLEGE | 2000 | 2020 | 18 | 2 | 217 | Chrysler Ctr. & Gate 1 | 2005 | 2025 | 13 | 7 |
| 179 | COLLEGE & WELLINGTON | 2000 | 2020 | 18 | 2 | 218 | Grand Marais & Gate #8 | 2005 | 2025 | 13 | 7 |
| 180 | DOUGALL & ROSELAND | 2000 | 2020 | 18 | 2 | 219 | Howard & Shepherd | 2005 | 2025 | 13 | 7 |
| 181 | DROUILLARD & MILLOY | 2000 | 2020 | 18 | 2 | 220 | Jefferson & Tecumseh | 2005 | 2025 | 13 | 7 |
| 182 | FORD GATE & SEMINOLE | 2000 | 2020 | 18 | 2 | 221 | Tecumseh & Clover | 2005 | 2025 | 13 | 7 |
| 183 | OUELLETTE & PITT | 2000 | 2020 | 18 | 2 | 222 | Banwell & Mchugh/Mcnorton | 2006 | 2026 | 12 | 8 |
| 184 | PARENT & RIVERSIDE | 2000 | 2020 | 18 | 2 | 223 | Giles & Howard | 2006 | 2026 | 12 | 8 |
| 185 | WALKER & YPRES | 2000 | 2020 | 18 | 2 | 224 | Howard & Ottawa | 2006 | 2026 | 12 | 8 |
| 186 | CAMPBELL & UNIVERSITY | 2001 | 2021 | 17 | 3 | 225 | Lauzon & Little River | 2006 | 2026 | 12 | 8 |
| 187 | JEFFERSON & QUALITY WAY | 2001 | 2021 | 17 | 3 | 226 | Lauzon & Mchugh | 2006 | 2026 | 12 | 8 |
| 188 | LAUZON & TRANBY | 2001 | 2021 | 17 | 3 | 227 | Mill & Wyandotte | 2006 | 2026 | 12 | 8 |
| 189 | LAUZON PKWY & CATHERINE | 2001 | 2021 | 17 | 3 | 228 | Ojibway & Sprucewood | 2006 | 2026 | 12 | 8 |
| 190 | LAUZON PKWY & LAUZON LINE | 2001 | 2021 | 17 | 3 | 229 | Chatham & Ouellette | 2007 | 2027 | 11 | 9 |
| 191 | LAUZON PKWY & TRANBY | 2001 | 2021 | 17 | 3 | 230 | Drouillard & Wyandotte | 2007 | 2027 | 11 | 9 |
| 192 | MATCHETTE & PRINCE | 2001 | 2021 | 17 | 3 | 231 | Tecumseh & Auto Mall | 2007 | 2027 | 11 | 9 |
| 193 | PILLETTE & PLYMOUTH | 2001 | 2021 | 17 | 3 | 232 | Chatham & McDougall | 2008 | 2028 | 10 | 10 |
| 194 | PILLETTE & TECUMSEH | 2001 | 2021 | 17 | 3 | 233 | Division and Home Depot | 2008 | 2028 | 10 | 10 |
| 195 | SCULPTURE GARDEN & RIVERSIDE | 2001 | 2021 | 17 | 3 | 234 | erie & Howard | 2008 | 2028 | 10 | 10 |

**Project Attachment
For: 2018**

Project # OPS-012-07

Project Name: Traffic Signals - Capital Upgrades and Replacements

| No. | INTERSECTION | LAST UPGRADE | UPGRADE DUE | AGE | YEARS LEFT IN LIFE CYCLE <small>(negative number indicates years past the useful life cycle)</small> | No. | INTERSECTION | LAST UPGRADE | UPGRADE DUE | AGE | YEARS LEFT IN LIFE CYCLE <small>(negative number indicates years past the useful life cycle)</small> |
|-----|--------------------------------|--------------|-------------|-----|---|-----|------------------------------|--------------|-------------|-----|---|
| 235 | GRAND MARAIS & WALKER | 2008 | 2028 | 10 | 10 | 274 | CALIFORNIA & WYANDOTTE | 2013 | 2033 | 5 | 15 |
| 236 | LAUZON & LAUZON LINE | 2008 | 2028 | 10 | 10 | 275 | CAMPBELL & WYANDOTTE | 2013 | 2033 | 5 | 15 |
| 237 | LAUZON & WYANDOTTE | 2008 | 2028 | 10 | 10 | 276 | GLADSTONE & OTTAWA | 2013 | 2033 | 5 | 15 |
| 238 | MCDUGALL & PITT | 2008 | 2028 | 10 | 10 | 277 | HALL & OTTAWA | 2013 | 2033 | 5 | 15 |
| 239 | MCHUGH & WFCU EAST ENTRANCE | 2008 | 2028 | 10 | 10 | 278 | LINCOLN & OTTAWA | 2013 | 2033 | 5 | 15 |
| 240 | MCHUGH & WFCU WEST ENTRANCE | 2008 | 2028 | 10 | 10 | 279 | SYDNEY & WALKER | 2013 | 2033 | 5 | 15 |
| 241 | OUELLETTE & UNIVERSITY | 2008 | 2028 | 10 | 10 | 280 | WALKER & AIRPORT | 2013 | 2033 | 5 | 15 |
| 242 | WYANDOTTE & RIVERDALE | 2008 | 2028 | 10 | 10 | 281 | CALIFORNIA & UNIVERSITY | 2014 | 2034 | 4 | 16 |
| 243 | CLOVER & MCHUGH | 2009 | 2029 | 9 | 11 | 282 | DEVONSHIRE & WYANDOTTE | 2014 | 2034 | 4 | 16 |
| 244 | DARFIELD & MCHUGH | 2009 | 2029 | 9 | 11 | 283 | GLADSTONE & WYANDOTTE | 2014 | 2034 | 4 | 16 |
| 245 | HOWARD & NORTH TALBOT | 2009 | 2029 | 9 | 11 | 284 | LINCOLN & WYANDOTTE | 2014 | 2034 | 4 | 16 |
| 246 | MAIDEN LANE & OUELLETTE | 2009 | 2029 | 9 | 11 | 285 | GOYEAU & HOTEL DIEU CROSSING | 2015 | 2035 | 3 | 17 |
| 247 | PROVINCIAL & LOWE'S | 2009 | 2029 | 9 | 11 | 286 | GILES & OUELLETTE | 2017 | 2037 | 1 | 19 |
| 248 | WALKER & DIGBY | 2009 | 2029 | 9 | 11 | 287 | JEFFERSON & WYANDOTTE | 2017 | 2037 | 1 | 19 |
| 249 | WALKER & PARKDALE | 2009 | 2029 | 9 | 11 | 288 | OUELLETTE & WYANDOTTE | 2017 | 2037 | 1 | 19 |
| 250 | CRAWFORD & RIVERSIDE | 2010 | 2030 | 8 | 12 | | | | | | |
| 251 | DOUGALL & E.C. ROW (N) | 2010 | 2030 | 8 | 12 | | | | | | |
| 252 | DOUGALL & E.C. ROW (S) | 2010 | 2030 | 8 | 12 | | | | | | |
| 253 | DUCHARME & WALKER | 2010 | 2030 | 8 | 12 | | | | | | |
| 254 | EASTPARK & TECUMSEH | 2010 | 2030 | 8 | 12 | | | | | | |
| 255 | HOWARD & MEMORIAL | 2010 | 2030 | 8 | 12 | | | | | | |
| 256 | MONMOUTH & WYANDOTTE | 2010 | 2030 | 8 | 12 | | | | | | |
| 257 | OUELLETTE & PARK | 2010 | 2030 | 8 | 12 | | | | | | |
| 258 | OUELLETTE & TECUMSEH | 2010 | 2030 | 8 | 12 | | | | | | |
| 259 | PARK & PELISSIER | 2010 | 2030 | 8 | 12 | | | | | | |
| 260 | PELISSIER & UNIVERSITY | 2010 | 2030 | 8 | 12 | | | | | | |
| 261 | PROVINCIAL & WALKER | 2010 | 2030 | 8 | 12 | | | | | | |
| 262 | ROSEVILLE & TECUMSEH | 2010 | 2030 | 8 | 12 | | | | | | |
| 263 | TECUMSEH & HOME DEPOT | 2010 | 2030 | 8 | 12 | | | | | | |
| 264 | WALKER & HOME DEPOT | 2010 | 2030 | 8 | 12 | | | | | | |
| 265 | WALKER & SEVENTH CONCESSION | 2010 | 2030 | 8 | 12 | | | | | | |
| 266 | WALKER & WYANDOTTE | 2010 | 2030 | 8 | 12 | | | | | | |
| 267 | CABANA & PROVINCIAL | 2012 | 2032 | 6 | 14 | | | | | | |
| 268 | DOMINION & TOTTEN | 2012 | 2032 | 6 | 14 | | | | | | |
| 269 | E.C. ROW (N) & WALKER | 2012 | 2032 | 6 | 14 | | | | | | |
| 270 | E.C. ROW (S) & WALKER | 2012 | 2032 | 6 | 14 | | | | | | |
| 271 | RANDOLPH & WYANDOTTE | 2012 | 2032 | 6 | 14 | | | | | | |
| 272 | RIVERSIDE & RIVERDALE | 2012 | 2032 | 6 | 14 | | | | | | |
| 273 | RIVERSIDE & SOLIDARTITY TOWERS | 2012 | 2032 | 6 | 14 | | | | | | |



Project Version Summary

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|-----------------------|--|---------------------|--|
| Project # | OPS-014-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Traffic Ops, Parking & Trans. Planning |
| Title | Citywide Bikeway Development Initiatives | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

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|---|----------------------|----------------------|------------------|--|---------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|
| Project Description | | | | Version Description | | | | | | | | | |
| Various locations for bike facility development as approved by B.U.M.P. and CR554/2001. This funding is dedicated to implementing the 4 main components: Cycling Network Development, Cycling Awareness and Education, Cycling-Transit Links and End-of-trip Facilities. CR627/2016 & CR628/2016 confirmed the project list for enhanced funding received to date. Note: Implementation of cycling facilities will depend on schedule of road reconstruction and resurfacing projects. | | | | Increased capital budgets since 2011 are essential to ensuring cycling facilities are constructed in capital projects by other divisions and to access grant funding (those requiring municipal contribution) as it becomes available. | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| (Closed: 7086009,7092024-ISF) Active: 7111031 | | | | 2013 & 2014 Enhanced Capital Budget, the Windsor Loop funds have allocated approximately \$6.800,000 to add bike lanes and sidewalks. \$2,059,000 of the \$6,800,000 allotted enhanced capital was reallocated to the Dougall Road / CN Rail overpass project, #7161061. | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 500,000 | 500,000 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | |
| 2019 | 600,000 | 600,000 | 0 | | 500,000 | 600,000 | 600,000 | 600,000 | 200,000 | 200,000 | 1,400,000 | 4,100,000 | |
| 2020 | 600,000 | 600,000 | 0 | | <hr/> | | | | | | | | |
| 2021 | 600,000 | 600,000 | 0 | | Total | 500,000 | 600,000 | 600,000 | 600,000 | 200,000 | 200,000 | 1,400,000 | 4,100,000 |
| 2022 | 200,000 | 200,000 | 0 | Revenues | | | | | | | | | |
| 2023 | 200,000 | 200,000 | 0 | 160 | Capital Expenditure Reserve | | | | | | | | |
| 2024+ | 1,400,000 | 1,400,000 | 0 | | 500,000 | 0 | 0 | 0 | 0 | 0 | 0 | 500,000 | |
| | 4,100,000 | 4,100,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | |
| | | | | | 0 | 600,000 | 0 | 0 | 0 | 0 | 0 | 600,000 | |
| | | | | 176 | Federal Gas Tax Rebate | | | | | | | | |
| | | | | | 0 | 0 | 600,000 | 600,000 | 200,000 | 200,000 | 1,400,000 | 3,000,000 | |
| | | | | | <hr/> | | | | | | | | |
| | | | | | Total | 500,000 | 600,000 | 600,000 | 600,000 | 200,000 | 200,000 | 1,400,000 | 4,100,000 |
| Historical Approved Budget | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | |
| 2007 | 200,000 | 200,000 | 0 | | | | | | | | | | |
| 2008 | 200,000 | 200,000 | 0 | | | | | | | | | | |
| 2009 | 200,000 | 66,667 | 133,333 | | | | | | | | | | |
| 2010 | 200,000 | 66,667 | 133,333 | | | | | | | | | | |
| 2011 | 400,000 | 400,000 | 0 | | | | | | | | | | |
| 2012 | 400,000 | 400,000 | 0 | | | | | | | | | | |
| 2013 | 400,000 | 400,000 | 0 | | | | | | | | | | |
| 2015 | 400,000 | 400,000 | 0 | | | | | | | | | | |
| 2016 | 200,000 | 200,000 | 0 | | | | | | | | | | |
| 2017 | 400,000 | 400,000 | 0 | | | | | | | | | | |

| Related Projects | | | Operating Budget Impact | | |
|------------------|-----------------|------------------------------------|-------------------------|--|----------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | |
| 2007 | January 1, 2015 | Growth: 100.0 % Maintenance: 0.0 % | Josette Eugeni | Ongoing | |
| | | | Effective Date | Description | Exp/(Rev) FTE Impact |
| | | | Unknown | The addition of cycling facilities adds to maintenance requirements related to signage, pavement marking, streescaping, winter maintenance, etc. | 0 0 |



Project Version Summary

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|-----------------------|-------------------------------------|---------------------|--|
| Project # | OPS-018-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Traffic Ops, Parking & Trans. Planning |
| Title | Parking Garage Capital Improvements | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | Ward 3 | | |
| Version Name | Main (Active) | | |

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|---|----------------------|------------------------------------|---------------------|--|---|-----------------------------|-------------|-------------|-------------|-------------|-------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | |
| Ongoing municipal parking garages improvements as required. Installation of protective membrane acts as a barrier to protect the concrete from water and salt penetration. Without this membrane, structural repairs will arise due to corrosion. These membranes have a life expectancy of 5-10 years, therefore ongoing project funding is required. Currently, inspections are done annually to determine rehabilitation priorities. There are 6 floors at the Pitt/Goyeau parking garage which have the membrane in place plus the exit spiral. Historically, a \$200,000 allocation would complete 1 floor in the Pitt/Goyeau parking garage or half of the exit spiral. With CPI increases, this amount has now increased to \$250,000. | | | | Condition assessment reports are complete for 2017/2018 as the assessments are completed every two years. The report details the capital works priorities for each garage. In the five year timeframe, conversion of lighting in the parking garages to LED should be undertaken and planning for upgrading of the elevators in Parking Garage 1 should be considered as the cost will likely exceed \$500,000. Elevator upgrade is tentatively scheduled in 2021. | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| (Closed: 7035075/7121002/7131114) | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 300,000 | 300,000 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | |
| 2019 | 600,000 | 600,000 | 0 | | 300,000 | 600,000 | 600,000 | 1,100,000 | 600,000 | 600,000 | 600,000 | 4,400,000 | |
| 2020 | 600,000 | 600,000 | 0 | | Total | | | | | | | | 4,400,000 |
| 2021 | 1,100,000 | 1,100,000 | 0 | Revenues | | | | | | | | | |
| 2022 | 600,000 | 600,000 | 0 | 138 | Off Street Parking | | | | | | | | |
| 2023 | 600,000 | 600,000 | 0 | | 300,000 | 600,000 | 600,000 | 1,100,000 | 600,000 | 600,000 | 600,000 | 4,400,000 | |
| 2024+ | 600,000 | 600,000 | 0 | | Total | | | | | | | | 4,400,000 |
| | 4,400,000 | 4,400,000 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | |
| 2012 | 200,000 | 200,000 | 0 | | | | | | | | | | |
| 2013 | 200,000 | 200,000 | 0 | | | | | | | | | | |
| 2014 | 200,000 | 200,000 | 0 | | | | | | | | | | |
| 2015 | 200,000 | 200,000 | 0 | | | | | | | | | | |
| 2016 | 300,000 | 300,000 | 0 | | | | | | | | | | |
| 2017 | 300,000 | 300,000 | 0 | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | Improvements will likely result in decreased operating costs related to maintenance | | | | | | 0 | 0 | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | Est. Completion Date | | | | | | | |
| 2007 | January 1, 2015 | Growth: 0.0 % Maintenance: 100.0 % | John Wolf | | | Ongoing | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|-------------------------------|---------------------|--|
| Project # | OPS-019-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Traffic Ops, Parking & Trans. Planning |
| Title | New Parking Lot Development | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

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|---|----------------------|----------------------------------|------------------|---|--|----------------------------|-------------|-----------------------------|-------------|-------------|-------------|--------------|--------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | | | |
| <p>This allocation provides for property acquisition and development for the expansion of the municipal parking program throughout the city where required. This project is to be funded from the Off-Street Parking Reserve Fund once it returns to a surplus position (projected to be the end of 2017).</p> <ul style="list-style-type: none"> - Per CR499/91, purchase of properties for construction of off-street parking facilities within the Erie St. BIA. - Per CR1203/99, purchase of properties for construction of off-street parking facilities along Wyandotte St. from McDougall to Devonshire. <p>NOTE: THE OFF-STREET PARKING RESERVE IS IN A DEFICIT POSITION.</p> | | | | Annual funding will accumulate until sufficient funds are available to purchase property and construct a lot. | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| 7059127 closed | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5210 Land Acquisition | | 0 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 900,000 | | |
| 2019 | 150,000 | 150,000 | 0 | Total | | 0 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 900,000 | | |
| 2020 | 150,000 | 150,000 | 0 | Revenues | | | | | | | | | | | |
| 2021 | 150,000 | 150,000 | 0 | 138 Off Street Parking | | 0 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 900,000 | | |
| 2022 | 150,000 | 150,000 | 0 | Total | | 0 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 900,000 | | |
| 2023 | 150,000 | 150,000 | 0 | | | | | | | | | | | | |
| 2024+ | 150,000 | 150,000 | 0 | | | | | | | | | | | | |
| 900,000 | | 900,000 | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | | No Operating Budget Impact | | | | | | | | 0 | 0 |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2007 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | | John Wolf | | | | Ongoing | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|------------------------------------|---------------------|--|
| Project # | OPS-020-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Traffic Ops, Parking & Trans. Planning |
| Title | Parking Lot Rehabilitation Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

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|--|----------------------|----------------------------------|------------------|---|---|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|---|--------|------------------|-------------------|---------|---------|---------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | | | |
| This allocation provides for the rehabilitation of municipal parking lots in the City. An annual expenditure of \$250,000 is recommended. This project is to be funded from the Off-Street Parking Reserve Fund once it returns to a surplus position (projected to be the end of 2017). | | | | Lots 18 and 15 Lots 4-2 and lot 21 or 22 | | | | | | | | | | | | | | | | | |
| NOTE: THE OFF-STREET PARKING RESERVE IS CURRENTLY IN A DEFICIT POSITION. | | | | | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | | |
| 7059014 closed, 7111032 closed | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | | |
| | | <u>Revenue</u> | | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | | | | | |
| 2019 | 50,000 | 50,000 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | | | | | |
| 2020 | 150,000 | 150,000 | 0 | | 0 | 50,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 800,000 | | | | | | | | | |
| 2021 | 150,000 | 150,000 | 0 | | Total | | | | | | | | 0 | 50,000 | 150,000 | 150,000 | 150,000 | 150,000 | 800,000 | | |
| 2022 | 150,000 | 150,000 | 0 | Revenues | | | | | | | | | | | | | | | | | |
| 2023 | 150,000 | 150,000 | 0 | 138 | Off Street Parking | | | | | | | | | | | | | | | | |
| 2024+ | 150,000 | 150,000 | 0 | | 0 | 50,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 800,000 | | | | | | | | | |
| | 800,000 | 800,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | |
| | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | |
| | | | | | Total | | | | | | | | 0 | 50,000 | 150,000 | 150,000 | 150,000 | 150,000 | 800,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | |
| | | <u>Revenue</u> | | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | <u>Effective Date</u> | <u>Description</u> | | | | | | | | | | <u>Exp/(Rev)</u> | <u>FTE Impact</u> | | | | | |
| 2011 | 40,000 | 40,000 | 0 | Unknown | Rehabilitation will likely result in decreased operating costs related to maintenance | | | | | | | | | | 0 | 0 | | | | | |
| Related Projects | | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | | | | | | | |
| 2007 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | | John Wolf | | | | Ongoing | | | | | | | | | | | | | |



Project Version Summary

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|-----------------------|-------------------------------|---------------------|--|
| Project # | OPS-021-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Public Works |
| Asset Type | Unassigned | Division | Traffic Ops, Parking & Trans. Planning |
| Title | Traffic Calming Initiatives | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

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|---|----------------------|----------------------------------|---------------------|--|---|-------------|-------------|-------------|-------------|-------------|------------------|-------------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| General ongoing allocation of funds for Traffic Calming initiatives per the Traffic Calming Policy (CR537/2005). On September 21, 2015, Council approved the revised Traffic Calming Policy (M394-2015). Ongoing Capital budget is required including processing requests through the policy process and implementation of prioritized traffic calming plans. | | | | The magnitude of the prioritized traffic calming plans and available funding will dictate the implementation schedule. | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7069022 | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | |
| 2019 | 169,000 | 169,000 | 0 | | | | | | | | | | | |
| 2020 | 106,000 | 106,000 | 0 | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | |
| 2024+ | 300,000 | 300,000 | 0 | | | | | | | | | | | |
| 575,000 | | 575,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | |
| 2011 | 50,000 | 50,000 | 0 | | | | | | | | | | | |
| 2014 | 75,000 | 75,000 | 0 | | | | | | | | | | | |
| 2016 | 75,000 | 75,000 | 0 | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | Exp/(Rev) | FTE Impact | | |
| | | | | Unknown | Traffic calming features have associated on-going maintenance / operational costs including signage, markings, surface and winter maintenance. (The ongoing operational costs associated with the temporary speed cushions are approximately \$2,000 per location annually and approximately \$500 per location annually for permanent speed cushions.) | | | | | | 0 | 0 | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | |
| 2007 | January 1, 2015 | Growth: 0.0 % Maintenance: 0.0 % | Josette Eugeni | Ongoing | | | | | | | | | | |



Project Version Summary

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|-----------------------|--|---------------------|----------------------------------|
| Project # | TRN-003-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Transit Windsor |
| Asset Type | Unassigned | Division | Administration - Transit Windsor |
| Title | Transit Windsor Customer Service Improvements - Shelters/Signage/Amenities | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

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|--|----------------------|----------------------|------------------|---|--|-------------|-------------|-------------|-------------|-------------|--------------|--------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | | |
| Customer service requirements include the purchase and installation of bus shelters, schedules at bus stops, bus stop signage and other amenities to meet customer needs. This also includes concrete pads which are installed prior at bus shelters and at bus stops without bus shelters so that the area is more accessible to the customer. The ongoing shelter program will continue as will the replacement of bus stop signs. | | | | Funding for customer service amenities such as shelters for 2018-2021 have been funded under the Public Transit Infrastructure Fund (PTIF) Phase 1. See project TRN-009-17. | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7045018 | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 | Machinery & Equipment - TCA | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | |
| 2022 | 20,000 | 20,000 | 0 | | | | | | | | | | | |
| 2023 | 20,000 | 20,000 | 0 | | | | | | | | | | | |
| 2024+ | 20,000 | 20,000 | 0 | | | | | | | | | | | |
| | 60,000 | 60,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | Revenues | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | 127 | Dev Chg - Transit | | | | | | | | | |
| 2007 | 50,000 | 50,000 | 0 | | | | | | | | | | | |
| 2008 | 50,000 | 50,000 | 0 | | | | | | | | | | | |
| 2009 | 50,000 | 50,000 | 0 | | | | | | | | | | | |
| 2010 | 30,000 | 30,000 | 0 | | | | | | | | | | | |
| 2011 | 30,000 | 30,000 | 0 | | | | | | | | | | | |
| 2012 | 30,000 | 30,000 | 0 | | | | | | | | | | | |
| 2013 | 30,000 | 30,000 | 0 | | | | | | | | | | | |
| 2014 | 20,000 | 20,000 | 0 | | | | | | | | | | | |
| 2015 | 20,000 | 20,000 | 0 | | | | | | | | | | | |
| 2016 | 20,000 | 20,000 | 0 | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | All bus shelters are cleaned twice a month at a cost of approximately \$16.00 per shelter per month. Two new shelters would result in an increase of \$32.00 per month in window cleaning costs. | | | | | | | | 0 | 0 |

| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date |
|------------------------|-------------------|----------------------------------|---------------------|-----------------------------|
| 2007 | January 1, 2015 | Growth: 0.0 % Maintenance: 0.0 % | Steve Habrun | Ongoing |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|----------------------------------|
| Project # | TRN-004-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Transit Windsor |
| Asset Type | Unassigned | Division | Administration - Transit Windsor |
| Title | Transit Windsor Master Plan Implementation | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

Project Description

The Transit Master Plan focused on an overall improvement to customers' needs including route improvements and amenities. The Master Plan indicated that the number of shelters be increased at a rate of 7.3% from the existing number, however, this does not account for the replacement of aging or damaged bus shelters. Implementation of new bus stop signage across the city to provide customers with route and contact information at each bus stop has been completed in conjunction with Transit's new Intelligent Information System (ITS) project. As Transit Windsor grows its service, along with the growth of the City of Windsor, customer service amenities will continue to increase in scope, size and importance to include transit terminal amenities, other bus stop amenities and additional customer service needs.

Version Description

The project funds are set aside and earmarked for passenger/customer amenities as the need arises. In conjunction with the Intelligent Information System (ITS) project, there has been a city wide revamping of bus signs to provide passengers with route and contact information.

Project Comments/Reference

(Closed 7071189) 7075189

Version Comments

Project Forecast

| Year | Total Expense | Revenue | |
|-------|----------------|----------------|-----------|
| | | Net City Cost | Subsidies |
| 2018 | 0 | 0 | 0 |
| 2019 | 0 | 0 | 0 |
| 2020 | 0 | 0 | 0 |
| 2021 | 50,000 | 50,000 | 0 |
| 2022 | 50,000 | 50,000 | 0 |
| 2023 | 50,000 | 50,000 | 0 |
| 2024+ | 50,000 | 50,000 | 0 |
| | 200,000 | 200,000 | 0 |

Project Detailed Forecast

| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
|-------------------------------------|------|------|------|--------|--------|--------|--------|---------|
| Expenses | | | | | | | | |
| 5410 Construction Contracts - TCA | 0 | 0 | 0 | 50,000 | 50,000 | 50,000 | 50,000 | 200,000 |
| Total | 0 | 0 | 0 | 50,000 | 50,000 | 50,000 | 50,000 | 200,000 |
| Revenues | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | 0 | 0 | 0 | 50,000 | 50,000 | 50,000 | 50,000 | 200,000 |
| Total | 0 | 0 | 0 | 50,000 | 50,000 | 50,000 | 50,000 | 200,000 |

Historical Approved Budget

| Year | Total Expense | Revenue | |
|------|---------------|---------------|-----------|
| | | Net City Cost | Subsidies |
| 2007 | 100,000 | 100,000 | 0 |
| 2008 | 40,000 | 40,000 | 0 |
| 2009 | 750,000 | 750,000 | 0 |
| 2010 | 50,000 | 50,000 | 0 |
| 2011 | 50,000 | 50,000 | 0 |
| 2012 | 5,000 | 5,000 | 0 |
| 2014 | 50,000 | 50,000 | 0 |
| 2015 | 50,000 | 50,000 | 0 |
| 2016 | 50,000 | 50,000 | 0 |

| Related Projects | | | Operating Budget Impact | | |
|------------------|-----------------|----------------------------------|-------------------------|--|----------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | |
| 2007 | January 1, 2021 | Growth: 0.0 % Maintenance: 0.0 % | Steve Habrun | Ongoing | |
| | | | Effective Date | Description | Exp/(Rev) FTE Impact |
| | | | Unknown | Until further information becomes available the amount of the operating impact cannot be quantified. | 0 0 |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|----------------------------------|
| Project # | TRN-005-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Transit Windsor |
| Asset Type | Unassigned | Division | Administration - Transit Windsor |
| Title | Transit Windsor Service Delivery Review and Project Management | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|---|--|-----------------------------|-------------|-----------------------------|-------------|------------------|-------------|-------------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| <p>In a 2015 review, it was recommended that Transit Windsor complete an enterprise wide review of its services, focusing on conventional service, specialized transit services, and development of new transit services. The objectives of this review would be to improve transit efficiencies through innovation, identification and implementation of industry best practices, increase overall ridership, and maximize cost recovery. This project also includes funding for the Program Manager, Corporate Projects for approximately 18 months.</p> <p>This project was approved for PTIF Phase 1 funding announced on March 31, 2017. The associated costs are precommitted and matched with 50% Federal funding.</p> | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| 7171039 | | | | As per CR625/2016, Council approved and pre-committed city funding with PTIF grant funding. | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | |
| 2019 | 175,000 | 175,000 | 0 | | | 0 | 175,000 | 50,000 | 0 | 0 | 0 | 0 | 225,000 | | |
| 2020 | 50,000 | 50,000 | 0 | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | Total | | 0 | 175,000 | 50,000 | 0 | 0 | 0 | 0 | 225,000 | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | 0 | 175,000 | 50,000 | 0 | 0 | 0 | 0 | 225,000 | | |
| 225,000 | | 225,000 | | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | | | |
| 2017 | 325,000 | 50,000 | 275,000 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | Exp/(Rev) | | FTE Impact | | | |
| | | | | Unknown | | No Operating Budget Impact. | | | | 0 | | 0 | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2017 | September 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | | Pat Delmore | | | | 2020 | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---------------------------------------|---------------------|----------------------------------|
| Project # | TRN-008-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Transit Windsor |
| Asset Type | Unassigned | Division | Administration - Transit Windsor |
| Title | Transit Windsor Fare Structure Review | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|---------------------|--|---------------------------------|-------------|-----------------------------|-------------|-------------|-------------|--------------|------------------|-------------------|--|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | |
| <p>This project will review Transit Winsor's fare structure and compare current industry best practices. Included in this project is the implementation of software and website design that customers can utilize and purchase fare products i.e. mobile ticketing and electronic fare payment. Transit industry recognizes that introducing technology to customers helps build and strengthen transit ridership.</p> <p>This project was approved for PTIF Phase 1 funding announced on March 31, 2017. The associated costs are precommitted and matched with 50% Federal funding.</p> | | | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | |
| 7171042 | | | | Report # C187/2016 was approved by Council on Oct. 3rd/16 for the submission for Public Transit Infrastructure Funding (PTIF). As per CR625/2016, Council approved and pre-committed city funding with PTIF grant funding. | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | | | |
| 2020 | 20,000 | 20,000 | 0 | | 0 | 0 | 20,000 | 0 | 0 | 0 | 0 | 20,000 | | | | | | | |
| 2021 | 0 | 0 | 0 | Total | 0 | 0 | 20,000 | 0 | 0 | 0 | 0 | 20,000 | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 0 | 20,000 | 0 | 0 | 0 | 0 | 20,000 | | | | | | | |
| | 20,000 | 20,000 | 0 | Total | 0 | 0 | 20,000 | 0 | 0 | 0 | 0 | 20,000 | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | | | | | | |
| 2017 | 370,000 | 0 | 370,000 | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | |
| | | | | <u>Effective Date</u> | <u>Description</u> | | | | | | | <u>Exp/(Rev)</u> | <u>FTE Impact</u> | | | | | | |
| | | | | Unknown | No Operating Budget Impact. | | | | | | 0 | 0 | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | Est. Completion Date | | | | | | | | | | | | |
| 2017 | June 1, 2020 | Growth: 0.0 % Maintenance: 0.0 % | Pat Delmore | | | | December 31, 2020 | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-----------------------------|
| Project # | TRN-001-07 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Transit Windsor |
| Asset Type | Unassigned | Division | Transit Maintenance |
| Title | Transit Windsor Fleet Replacement Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

Project Description

This project contains funding for the Transit Windsor fleet replacement program. Prior to 2016, this project included funding for the fleet replacement program and refurbishment or repair costs that extend the useful life of the buses (as reflected in the Historical Approved Budget section). Commencing in 2016, the refurbishment and repair budget funding has been separated into a separate project (project # TRN-001-16). The funding under the Ontario Bus Replacement Program (OBRP) for fleet replacement was cancelled in 2010.

Typically included in this project, when funding is available, is the annual acquisition of new buses for Transit Windsor and support vehicles which have become increasingly more expensive to maintain due to the age of the fleet and foreign exchange fluctuations. With such a large and varying fleet of buses, an average age of 11.25 years, and continual fiscal pressures, the City of Windsor commissioned a full lifecycle costing study. In 2015, a study was conducted by Parsons Brinckerhoff to develop a Transit Fleet Asset Management Plan that identified strategies for fiscal expenditures that results in a reduction to Transit Windsor's operating budget. The study recommended that 8 buses be purchased each year. The study was completed and reported to City Council in 2016.

Project Comments/Reference

(7003812, 7109002, 7111029, 7131003, 7151007 Closed)
7121003/7141015/7151006

Version Description

Transit Windsor and the City of Windsor has funding from the federal government for transit-related projects, including funds to support the replacement of the existing rolling stock that has exceeded its expected useful life. The replacement of these buses will improve the overall passenger experience, and provide an opportunity for Transit Windsor to encourage commuters to use public transit as their primary mode of transportation. Replacing these buses will also enhance the environment of our neighbourhoods by fostering healthy lifestyles and integrating environmentally friendly transportation systems. As a result of Public Transit Infrastructure Fund (PTIF) 50% funding, Transit Windsor will be purchasing 24 clean diesel buses using capital funding in years 2017 to 2019. These buses are expected to be delivered in February of 2018. Funding for these buses is included in project TRN-010-17.

The introduction of new and modern vehicles will be another step in the process to encourage behavioural change in the community by improving the competitiveness and attractiveness of public transport. Ultimately the goal is to double the transit modal split by encouraging non-riders to take public transit for selected trips rather than drive their cars and to expand the system to improve service in the region of Windsor and Essex County.

The primary reason for continuing this project is that the current age of the Transit Windsor fleet is 11.25 years with the oldest bus in the fleet being a 1987 vehicle which is operated on a daily basis. In the industry, buses have a projected life expectancy of 12 years with some properties keeping their buses as long as 18 years. Transit Windsor has 53 buses over the normal retirement age of 12 years. Two (2) of these buses have high floors and are not accessible. Sixteen (16) of these buses are first generation low floor buses between the ages of 18 and 20 years (1997-1999). These buses are costly to maintain and are not environmentally friendly. Transit Windsor has difficulty procuring repair parts and has to salvage parts from other buses to keep the buses on the road. The immediate replacement of these 26 vehicles with newer clean diesel buses will reduce the GHG emissions and allow Transit Windsor to dispose of any bus older than 12 years. The average age of the Transit Windsor fleet will be reduced to approximately six years. Transit Windsor's operations will become more efficient with repairs less costly and these funds can be redirected into providing and expanding service.

In addition to the benefit to Transit Windsor's ridership, the regional community will also benefit from the continuation of an environmentally friendly fleet as this will result in a cleaner community. New buses will be more accessible and modern and replacing the current high floor with lower floor buses will also be especially attractive for seniors and persons with disabilities. Students will also be an important target group as approximately over 40% of the 22,000 full time college and university students live outside the City of Windsor. Lack of transit services has been cited as a barrier to obtaining higher education in a recent survey conducted by the University of Windsor.

The City of Windsor budgets for its capital programs using a six year plan. Currently the six year capital plan has funding budgeted for the replacement of conventional buses in 2017 in project TRN-010-17 as approved under PTIF. This project identifies funding levels required to continue with the implementation of the recommendations outlined in the lifecycle costing study -- that 8 buses be purchased each year (approximately \$4.8 million each year).

Version Comments

As per CR403/2017, Council approved and pre-committed the allocation from 2019 funding for PTIF project #TRN-010-17 (project ID 7171044).

| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
|----------------------------|-------------------|----------------------------------|--------------|---------------------------|---|------|------|------|------|------|-------|-----------|------------|--|
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 | | | | | | | | | | |
| 2019 | 215,108 | 215,108 | 0 | | | | | | | | | | | |
| 2020 | 2,085,500 | 2,085,500 | 0 | | | | | | | | | | | |
| 2021 | 3,010,500 | 3,010,500 | 0 | | | | | | | | | | | |
| 2022 | 4,800,000 | 4,800,000 | 0 | | | | | | | | | | | |
| 2023 | 4,800,000 | 4,800,000 | 0 | | | | | | | | | | | |
| 2024+ | 18,904,000 | 18,904,000 | 0 | | | | | | | | | | | |
| | 33,815,108 | 33,815,108 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | Revenues | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | 169 | Pay As You Go - Capital Reserve | | | | | | | | | |
| 2008 | 5,898,500 | 4,818,500 | 1,080,000 | | | | | | | | | | | |
| 2009 | 6,509,133 | 3,904,557 | 2,604,576 | | | | | | | | | | | |
| 2010 | 4,530,500 | 4,530,500 | 0 | | | | | | | | | | | |
| 2011 | 3,859,554 | 3,859,554 | 0 | | | | | | | | | | | |
| 2012 | 3,860,500 | 3,860,500 | 0 | | | | | | | | | | | |
| 2013 | 350,000 | 350,000 | 0 | | | | | | | | | | | |
| 2014 | 3,510,500 | 3,510,500 | 0 | | | | | | | | | | | |
| 2015 | 3,510,500 | 3,510,500 | 0 | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | |
| | | | | Unknown | Operating efficiencies are expected as a result of the implementation of the recommendations arising from the lifecycle costing study. Those same recommendations will inform Transit Windsor about future decisions regarding fleet maintenance and replacement. | | | | | | | 0 | 0 | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | |
| 2007 | January 2, 2016 | Growth: 0.0 % Maintenance: 0.0 % | Tony Houad | Ongoing | | | | | | | | | | |



Project Version Summary

Project # TRN-001-08 **Service Area** Office of the City Engineer
Budget Year 2018 **Department** Transit Windsor
Asset Type Unassigned **Division** Transit Maintenance

Title Transit Windsor Smart Bus Technology/Intelligent Transportation System (ITS) Initiative
Budget Status Council Approved Budget
Major Category Transportation Infrastructure
Wards City Wide
Version Name Main (Active)

Project Description

The Intelligent Transportation System provides a unified computerized system with all components needed in today's modern transit buses including:

- Automatic Vehicle Location
- Computer-Aided Dispatch for real time service monitoring
- Real Time Passenger Information Systems including Text/SMS, Interactive Voice Response System, and website information
- Automated Stop Announcements
- Implementation of security cameras on the buses

Version Description

The Management Team at Transit Windsor has recognized that there are opportunities for transformation in some operational areas. For the City of Windsor and Transit Windsor, using smart bus technology would greatly improve the delivery of transit services and benefits provided to passengers in the following ways:

More Predictable Bus Service

Through access to real time information, riders would be able to predict the arrival of their bus at a stop including if it has been delayed for some reason. Passengers will have access via web applications or SMS. Third party applications could publish this information through the City's Open Data Initiative.

Improved Accessibility

The automated announcement of the next bus stop would create a more user friendly and accessible public transportation service for an increasingly diverse population.

More Reliable Service

Operators and the Transit Control Centre could monitor the real time status of buses compared to the planned schedule, thus enabling them to address operational issues as they occur.

Safer Transit Experience

By integrating security cameras into the solution, Transit Windsor will have the ability to review documented video footage and follow up on reported incidents. This could also greatly reduce the costs of insurance claims by those claiming injury onboard buses.

Project Comments/Reference

7139007

On July 6, 2015, City Council approved the Intelligent Transportation System (ITS)/Smart Bus Capital Project (CR129/2015) providing a budget of \$2.7 million to move forward with the ITS project.

The agreement with the selected vendor, Strategic Mapping, was executed in November, 2015.

The projected impact on the operating budget was identified included in the 2017 operating budget development. There are no anticipated additional costs identified for 2018.

Version Comments

The project has \$1.7 million approved under the 2013 Enhanced Capital Spending Plan, \$500,000 funded from the 2012 Fleet Replacement Project and as per CR129/2015, a pre-commitment from the 'planned' 2019 Capital Budget for the Transit Windsor ITS Project. In addition, there have been some amendments to the contract with Strategic Mapping for items related to the ITS project that will enhance customer service and the overall experience for the riders.

| Project Forecast | | Revenue | | Project Detailed Forecast | | | | | | | | |
|-----------------------------------|-------------------|----------------------------------|-----------|--------------------------------|---------------------------------|------|-----------------------------|------|------|------|------------------|-------------------|
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | |
| 2019 | 500,000 | 500,000 | 0 | 5110 | Machinery & Equipment - TCA | | | | | | | |
| 2020 | 0 | 0 | 0 | | | 0 | 500,000 | 0 | 0 | 0 | 0 | 500,000 |
| 2021 | 0 | 0 | 0 | | | 0 | 500,000 | 0 | 0 | 0 | 0 | 500,000 |
| 2022 | 0 | 0 | 0 | | | 0 | 500,000 | 0 | 0 | 0 | 0 | 500,000 |
| 2023 | 0 | 0 | 0 | Revenues | | | | | | | | |
| 2024+ | 0 | 0 | 0 | 160 | Capital Expenditure Reserve | | | | | | | |
| | | | | | | 0 | 220,000 | 0 | 0 | 0 | 0 | 220,000 |
| | | | | 169 | Pay As You Go - Capital Reserve | | | | | | | |
| | | | | | | 0 | 280,000 | 0 | 0 | 0 | 0 | 280,000 |
| | | | | | | 0 | 500,000 | 0 | 0 | 0 | 0 | 500,000 |
| 500,000 | | 500,000 | | 0 | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | |
| Related Projects | | | | Effective Date | Description | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | | | | | | | 0 | 0 |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | Est. Completion Date | | | | | |
| 2008 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | | Tony Houad | | | 2019 & Beyond | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-----------------------------|
| Project # | TRN-001-16 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Transit Windsor |
| Asset Type | Unassigned | Division | Transit Maintenance |
| Title | Transit Windsor Fleet Refurbishment/Repair Costs | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Fleet Refurbishment/Repair Costs (Active) | | |

| | | | | | | | | | | | | | | | | | | | | | |
|--|----------------------|------------------------------------|------------------|--|-------------------------------|-----------------------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|--|--|--|------------------|--|-------------------|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | | | |
| This project has funding for the Transit Windsor fleet refurbishment and repair costs that extend the useful life of the buses or additional vehicle enhancements (e.g ITS System enhancements). | | | | As noted in project TRN-001-07, prior to 2016, the fleet replacement project had funding for fleet replacement and refurbishment or repair costs that extend the useful life of the buses. Commencing in 2016, the refurbishment and repair budget funding was reallocated to this separate project. | | | | | | | | | | | | | | | | | |
| The 2018 Capital Budget submission includes a provision for refurbishment and repair or enhancement costs, which is consistent with funding levels provided in prior years. | | | | | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | | |
| (Closed: 7151007) Open: 7161041/7171034/7181018 | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | | |
| | | <u>Revenue</u> | | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | | | | | | | | |
| 2018 | 500,000 | 500,000 | 0 | Expenses | | | | | | | | | | | | | | | | | |
| 2019 | 500,000 | 500,000 | 0 | 2250 | Vehicle Maint Parts/Materials | | | | | | | | | | | | | | | | |
| 2020 | 500,000 | 500,000 | 0 | | 500,000 | 500,000 | 500,000 | 500,000 | 300,000 | 300,000 | 929,000 | 3,529,000 | | | | | | | | | |
| 2021 | 500,000 | 500,000 | 0 | | Total | | | | | | | | | | | | | | | | |
| 2022 | 300,000 | 300,000 | 0 | | 500,000 | 500,000 | 500,000 | 500,000 | 300,000 | 300,000 | 929,000 | 3,529,000 | | | | | | | | | |
| 2023 | 300,000 | 300,000 | 0 | Revenues | | | | | | | | | | | | | | | | | |
| 2024+ | 929,000 | 929,000 | 0 | 160 | Capital Expenditure Reserve | | | | | | | | | | | | | | | | |
| | 3,529,000 | 3,529,000 | 0 | | 500,000 | 0 | 0 | 500,000 | 0 | 0 | 0 | 1,000,000 | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | | | | | | | | |
| 2016 | 471,000 | 471,000 | 0 | | | | | | | | | | | | | | | | | | |
| 2017 | 500,000 | 500,000 | 0 | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | | | | | | | Exp/(Rev) | | FTE Impact | |
| | | | | Unknown | | No Operating budget Impact. | | | | | | | | | | | | 0 | | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | | | | | |
| 2016 | January 1, 2017 | Growth: 0.0 % Maintenance: 100.0 % | | Tony Houad | | | | | Ongoing | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-----------------------------|
| Project # | TRN-002-08 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Transit Windsor |
| Asset Type | Unassigned | Division | Transit Maintenance |
| Title | Transit Windsor Fleet Structural Repairs | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | |
|---|---|
| Project Description | Version Description |
| This request is to fund the major repair costs to the fleet due to the delay in replacing buses. Transit Windsor expects to continue to accrue costs to keep the existing fleet operational until such time as the older buses can be removed from service. | This provision will assist in replacing major components such as hybrid batteries, DPIM's and the DPF emission system when replacement is required. Industry experience indicates that these two major components start to fail between 6 to 8 years of age. Transit Windsor currently has 29 hybrid vehicles in the fleet and all of these vehicles are currently out of warranty. Funding for hybrid fleet refurbishments have been funded under the Public Transit Infrastructure Fund (PTIF) Phase 1. See project TRN-011-17. This project reflects the continuation of the refurbishment program in years 2021 +. |

| | |
|------------------------------------|-------------------------|
| Project Comments/Reference | Version Comments |
| (Closed: 7135000/7141016) /7161042 | |

| Project Forecast | | | | Project Detailed Forecast | | | | | | | | |
|------------------|------------------|------------------|-----------|---------------------------|---------------------------------|------|------|---------|---------|---------|---------|-----------|
| Year | Total Expense | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| | | Net City Cost | Subsidies | | | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5110 | Machinery & Equipment - TCA | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 302,500 | 200,000 | 200,000 | 950,000 | 1,652,500 |
| 2021 | 302,500 | 302,500 | 0 | Total | 0 | 0 | 0 | 302,500 | 200,000 | 200,000 | 950,000 | 1,652,500 |
| 2022 | 200,000 | 200,000 | 0 | Revenues | | | | | | | | |
| 2023 | 200,000 | 200,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | |
| 2024+ | 950,000 | 950,000 | 0 | | 0 | 0 | 0 | 302,500 | 200,000 | 200,000 | 950,000 | 1,652,500 |
| | 1,652,500 | 1,652,500 | 0 | Total | 0 | 0 | 0 | 302,500 | 200,000 | 200,000 | 950,000 | 1,652,500 |

| Historical Approved Budget | | Revenue | |
|----------------------------|---------------|---------------|-----------|
| Year | Total Expense | Net City Cost | Subsidies |
| 2013 | 150,000 | 150,000 | 0 |
| 2014 | 300,000 | 300,000 | 0 |
| 2016 | 300,000 | 300,000 | 0 |

| Related Projects | Operating Budget Impact | | | | | | | | |
|-------------------------|---|----------------|-------------|-----------|------------|---------|---|---|---|
| | <table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>The life cycle of some of the major components (such as the hybrid batteries and the DPIMs) is challenging to predict. There is no definite date or age as to when these components will require replacement. The replacement costs for the Hybrid ESS battery and DPIM controller are estimated at \$60,000 and \$90,000 respectively. Since 18 hybrid buses were purchased in 2009, there is likelihood that these parts will all require replacement at the same time.</td> <td>0</td> <td>0</td> </tr> </tbody> </table> | Effective Date | Description | Exp/(Rev) | FTE Impact | Unknown | The life cycle of some of the major components (such as the hybrid batteries and the DPIMs) is challenging to predict. There is no definite date or age as to when these components will require replacement. The replacement costs for the Hybrid ESS battery and DPIM controller are estimated at \$60,000 and \$90,000 respectively. Since 18 hybrid buses were purchased in 2009, there is likelihood that these parts will all require replacement at the same time. | 0 | 0 |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | |
| Unknown | The life cycle of some of the major components (such as the hybrid batteries and the DPIMs) is challenging to predict. There is no definite date or age as to when these components will require replacement. The replacement costs for the Hybrid ESS battery and DPIM controller are estimated at \$60,000 and \$90,000 respectively. Since 18 hybrid buses were purchased in 2009, there is likelihood that these parts will all require replacement at the same time. | 0 | 0 | | | | | | |

| | | | | |
|------------------------|-------------------|----------------------------------|---------------------|-----------------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date |
| 2008 | January 1, 2016 | Growth: 0.0 % Maintenance: 0.0 % | Tony Houad | Ongoing |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-----------------------------|
| Project # | TRN-002-13 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Transit Windsor |
| Asset Type | Unassigned | Division | Transit Maintenance |
| Title | Transit Windsor Fuel System Improvements Initiative | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|--|---|------------------|-------------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|
| Project Description | | | | Version Description | | | | | | | | | |
| <p>The current fuel system was first installed in 1988 and upgraded in 2004. The system was originally designed to track and control distribution of all diesel fuel, gasoline, SAE 40 engine oil and transmission oil. Over the years, the influence of new engine and transmission technologies has led to the introduction of additional oils. Also, different business and work practices have triggered more distribution needs and the current system was never upgraded to accommodate these needs.</p> <p>This project was approved for PTIF Phase 1 funding announced on March 31, 2017. The associated costs are precommitted and matched with 50% Federal funding.</p> | | | | <p>The budget for Transit Windsor's annual bulk fluids is approximately \$154,000. Currently, Transit Windsor is unable to track the usage of bulk fluids (antifreeze, engine oil, transmission fluid, and window washer fluid) back to the bus fleet, which puts Transit Windsor at risk. This upgrade would allow for the effective management and costing of oil usage, by monitoring usage and costing by kilometre, similar to the monitoring of fuel usage litres by kilometre that is currently in place. Implementation of this system would ensure that proper controls are put in place to safeguard the inventory of bulk fluids. It would also assist in the monthly monitoring of budget versus actual costs in the maintenance area.</p> | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| 7171035 | | | | Report # C187/2016 was approved by Council on Oct. 3rd/16 for the submission for Public Transit Infrastructure Funding (PTIF). As per CR625/2016, Council approved and pre-committed city funding with PTIF grant funding. | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 | Machinery & Equipment - TCA | | | | | | | | |
| 2019 | 55,000 | 55,000 | 0 | | | 0 | 55,000 | 0 | 0 | 0 | 0 | 0 | 55,000 |
| 2020 | 0 | 0 | 0 | | Total | 0 | 55,000 | 0 | 0 | 0 | 0 | 0 | 55,000 |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | 0 | 55,000 | 0 | 0 | 0 | 0 | 0 | 55,000 |
| 2024+ | 0 | 0 | 0 | | Total | 0 | 55,000 | 0 | 0 | 0 | 0 | 0 | 55,000 |
| | 55,000 | 55,000 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | |
| 2017 | 50,000 | 0 | 50,000 | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | |
| | | | | Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | |
| | | | | Unknown | The implementation of a fuel system upgrade would assist in the monthly monitoring of budget versus actual costs in the maintenance area and potentially assist in the identification of waste and tightening of controls in this area. | 0 | 0 | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | |
| 2013 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | | Tony Houad | | | | | 2019 | | | | |



Project Version Summary

| | | | |
|-----------------------|---------------------------------------|---------------------|-----------------------------|
| Project # | TRN-010-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Transit Windsor |
| Asset Type | Unassigned | Division | Transit Maintenance |
| Title | Acquisition of 40' Clean Diesel Buses | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | | | |
|--|----------------------|------------------------------------|------------------|---|-------------|-----------------------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|--|--|--|------------------|--|-------------------|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | | | |
| <p>In a recent life cycle costing review, it was recommended that Transit Windsor adopt a 12 year life cycle for its buses to improve operational efficiencies. This investment of 12 buses in 2017 and 12 buses in 2018 would allow for buses that have exceeded their useful life to be retired. Internal benefits include financial cost savings and operational improvements. A newer fleet improves the customer experience, reliability of service and reduces CO2 emissions.</p> <p>This project was approved for PTIF Phase 1 funding announced on March 31, 2017. The associated costs are precommitted and matched with 50% Federal funding.</p> | | | | <p>This project identifies costs matched by PTIF funding, Funding requests for budget years 2020 - 2024+ are reflected in project TRN-001-007.</p> | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | | |
| 7171044 | | | | <p>Report # C187/2016 was approved by Council on Oct. 3rd/16 for the submission for Public Transit Infrastructure Funding (PTIF). As per CR625/2016, Council approved and pre-committed city funding with PTIF grant funding.</p> | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | |
| 2018 | 4,000,000 | 4,000,000 | 0 | Expenses | | | | | | | | | | | | | | | | | |
| 2019 | 2,247,392 | 2,247,392 | 0 | 5110 Machinery & Equipment - TCA | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | 4,000,000 2,247,392 0 0 0 0 0 6,247,392 | | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | Total 4,000,000 2,247,392 0 0 0 0 0 6,247,392 | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | 4,000,000 2,247,392 0 0 0 0 0 6,247,392 | | | | | | | | | | | | | | | | | |
| | 6,247,392 | 6,247,392 | 0 | Total 4,000,000 2,247,392 0 0 0 0 0 6,247,392 | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | |
| 2017 | 6,247,392 | 0 | 6,247,392 | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | | | | | | | Exp/(Rev) | | FTE Impact | |
| | | | | Unknown | | No Operating Budget Impact. | | | | | | | | | | | | 0 | | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | | | | | |
| 2017 | January 1, 2017 | Growth: 0.0 % Maintenance: 100.0 % | | Tony Houad | | | | | 2019 | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-----------------------------|
| Project # | TRN-012-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Transit Windsor |
| Asset Type | Unassigned | Division | Transit Maintenance |
| Title | Rehabilitation of Concrete Surfaces/Drains in Fuelling and Cleaning Area of the Maintenance Garage | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | |
|--|----------------------------|
| Project Description | Version Description |
| <p>Given the age of the facility (approximately 37+ years) and that approximately 80 buses travel through this area on a daily basis, repeated exposure to water and salt has resulted in the need for rehabilitation to concrete surfaces and trench drains. This would avoid operational disruptions by ensuring vehicles are serviced on a timely basis.</p> <p>This project was approved for PTIF Phase 1 funding announced on March 31, 2017. The associated costs are precommitted and matched with 50% Federal funding.</p> | |

| | |
|-----------------------------------|--|
| Project Comments/Reference | Version Comments |
| 7171046 / 7171043 | Report # C187/2016 was approved by Council on Oct. 3rd/16 for the submission for Public Transit Infrastructure Funding (PTIF). As per CR625/2016, Council approved and pre-committed city funding with PTIF grant funding. |

| Project Forecast | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----------------------------------|---------------|---------------|---------|---------------|-----------|-------|-------|---|---|------|-------|-------|---|------|---|---|---|------|---|---|---|------|---|---|---|------|---|---|---|-------|---|---|---|--|-------|-------|---|--|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-----------------------------------|--|--|--|--|--|--|--|--|--|---|-------|---|---|---|---|---|-------|-------|---|-------|---|---|---|---|---|-------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|--|--|--|--|--|--|--|--|--|---|-------|---|---|---|---|---|-------|-------|---|-------|---|---|---|---|---|-------|
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Year</th> <th rowspan="2">Total Expense</th> <th colspan="2">Revenue</th> </tr> <tr> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2019</td><td>5,000</td><td>5,000</td><td>0</td></tr> <tr><td>2020</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2021</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2022</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2024+</td><td>0</td><td>0</td><td>0</td></tr> <tr> <td></td> <td style="border-top: 1px solid black;">5,000</td> <td style="border-top: 1px solid black;">5,000</td> <td style="border-top: 1px solid black;">0</td> </tr> </tbody> </table> | Year | Total Expense | Revenue | | Net City Cost | Subsidies | 2018 | 0 | 0 | 0 | 2019 | 5,000 | 5,000 | 0 | 2020 | 0 | 0 | 0 | 2021 | 0 | 0 | 0 | 2022 | 0 | 0 | 0 | 2023 | 0 | 0 | 0 | 2024+ | 0 | 0 | 0 | | 5,000 | 5,000 | 0 | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>0</td> <td>5,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>5,000</td> </tr> <tr> <td style="border-top: 1px solid black;">Total</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">5,000</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">5,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>0</td> <td>5,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>5,000</td> </tr> <tr> <td style="border-top: 1px solid black;">Total</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">5,000</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">0</td> <td style="border-top: 1px solid black;">5,000</td> </tr> </tbody> </table> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5410 Construction Contracts - TCA | | | | | | | | | | 0 | 5,000 | 0 | 0 | 0 | 0 | 0 | 5,000 | Total | 0 | 5,000 | 0 | 0 | 0 | 0 | 0 | 5,000 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | | | | | | | | | | 0 | 5,000 | 0 | 0 | 0 | 0 | 0 | 5,000 | Total | 0 | 5,000 | 0 | 0 | 0 | 0 | 0 | 5,000 |
| Year | | | Total Expense | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 5,000 | 5,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5,000 | 5,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 5,000 | 0 | 0 | 0 | 0 | 0 | 5,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 5,000 | 0 | 0 | 0 | 0 | 0 | 5,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 5,000 | 0 | 0 | 0 | 0 | 0 | 5,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 5,000 | 0 | 0 | 0 | 0 | 0 | 5,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Historical Approved Budget | Revenue | | | | | | | | |
|---|----------------|---------------|---------------|-----------|------|--------|---|--------|--|
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr> <td>2017</td> <td>65,000</td> <td>0</td> <td>65,000</td> </tr> </tbody> </table> | Year | Total Expense | Net City Cost | Subsidies | 2017 | 65,000 | 0 | 65,000 | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | |
| 2017 | 65,000 | 0 | 65,000 | | | | | | |

| Related Projects | Operating Budget Impact | | | | | | | | |
|-------------------------|---|----------------|-------------|-----------|------------|---------|-----------------------------|---|---|
| | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>No Operating budget impact.</td> <td>0</td> <td>0</td> </tr> </tbody> </table> | Effective Date | Description | Exp/(Rev) | FTE Impact | Unknown | No Operating budget impact. | 0 | 0 |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | |
| Unknown | No Operating budget impact. | 0 | 0 | | | | | | |

| | | | | |
|------------------------|-------------------|----------------------------------|---------------------|-----------------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date |
| 2017 | January 1, 2017 | Growth: 0.0 % Maintenance: 0.0 % | Tony Houad | September 30, 2019 |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-----------------------------|
| Project # | TRN-013-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Transit Windsor |
| Asset Type | Unassigned | Division | Transit Maintenance |
| Title | Rehabilitation of Concrete Surfaces throughout the Maintenance Garage | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|---------------------|--|-----------------------------|-------------|-------------|-------------|-------------|-------------|------------------|-------------------|--------|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| <p>Given the age of the facility (approximately 37 + years), regular maintenance has not kept up with the regular use of the maintenance garage to perform mechanical, structural and facility repairs and inspections. This has caused a significant deterioration of the shop floor. Given the health and safety issues this may cause, immediate attention is required to ensure compliance. Any disruption in completing assigned mechanical tasks will result in delays in repairing the fleet.</p> <p>This project was approved for PTIF Phase 1 funding announced on March 31, 2017. The associated costs are precommitted and matched with 50% Federal funding.</p> | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7171047 | | | | Report # C187/2016 was approved by Council on Oct. 3rd/16 for the submission for Public Transit Infrastructure Funding (PTIF). As per CR625/2016, Council approved and pre-committed city funding with PTIF grant funding. | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | |
| 2019 | 50,000 | 50,000 | 0 | | 0 | 50,000 | 0 | 0 | 0 | 0 | 0 | 0 | 50,000 | |
| 2020 | 0 | 0 | 0 | Total | 0 | 50,000 | 0 | 0 | 0 | 0 | 0 | 0 | 50,000 | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 50,000 | 0 | 0 | 0 | 0 | 0 | 0 | 50,000 | |
| 2024+ | 0 | 0 | 0 | Total | 0 | 50,000 | 0 | 0 | 0 | 0 | 0 | 0 | 50,000 | |
| | 50,000 | 50,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | |
| 2017 | 50,000 | 0 | 50,000 | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | Exp/(Rev) | FTE Impact | | |
| | | | | Unknown | No Operating Budget Impact. | | | | | | 0 | 0 | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | |
| 2017 | January 1, 2017 | Growth: 0.0 % Maintenance: 0.0 % | Tony Houad | October 31, 2019 | | | | | | | | | | |



Project Version Summary

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|-----------------------|---|---------------------|-----------------------------|
| Project # | TRN-014-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Transit Windsor |
| Asset Type | Unassigned | Division | Transit Maintenance |
| Title | Replacement of Three High-Speed Doors in the Maintenance Garage | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

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|--|----------------------|----------------------------------|------------------|--|---------------------------------|-------------|-------------|-------------|-----------------------------|-------------|-------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | |
| <p>Transit Windsor currently operates three high speed doors through which buses enter and exit the central garage. Two of these doors were installed over 30 years ago and show signs of deterioration and failures. Replacing these doors will allow minimal disruption to bus traffic entering and exiting the maintenance garage.</p> <p>This project was approved for PTIF Phase 1 funding announced on March 31, 2017. The associated costs are precommitted and matched with 50% Federal funding.</p> | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| 7171048 | | | | Report # C187/2016 was approved by Council on Oct. 3rd/16 for the submission for Public Transit Infrastructure Funding (PTIF). As per CR625/2016, Council approved and pre-committed city funding with PTIF grant funding. | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | <u>Revenue</u> | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | |
| 2019 | 45,000 | 45,000 | 0 | | 0 | 45,000 | 0 | 0 | 0 | 0 | 0 | 0 | 45,000 |
| 2020 | 0 | 0 | 0 | Total | 0 | 45,000 | 0 | 0 | 0 | 0 | 0 | 0 | 45,000 |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 45,000 | 0 | 0 | 0 | 0 | 0 | 0 | 45,000 |
| 2024+ | 0 | 0 | 0 | Total | 0 | 45,000 | 0 | 0 | 0 | 0 | 0 | 0 | 45,000 |
| | 45,000 | 45,000 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | |
| | | <u>Revenue</u> | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | |
| 2017 | 45,000 | 0 | 45,000 | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | No Operating Budget Impact | | | | | | 0 | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | |
| 2017 | January 1, 2017 | Growth: 0.0 % Maintenance: 0.0 % | | Tony Houad | | | | | 2019 | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-----------------------------|
| Project # | TRN-017-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Transit Windsor |
| Asset Type | Unassigned | Division | Transit Maintenance |
| Title | Installation of an Exhaust Unit for Improved Ventilation at Main Transit Terminal | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

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|---|----------------------|----------------------------------|------------------|--|---------------------------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|------------------|-------------------|--|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | |
| <p>Given a recent energy audit of the main transit terminal, it was identified that a makeup/exhaust system requires replacement to ensure improved ventilation and efficiencies. This would generate an expected annual savings of \$18,000 in hydro costs. Further, the installation of a carbon monoxide monitoring system would ensure the safety of employees and customers at this facility.</p> <p>This project was approved for PTIF Phase 1 funding announced on March 31, 2017. The associated costs are precommitted and matched with 50% Federal funding.</p> | | | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | |
| 7171051 | | | | Report # C187/2016 was approved by Council on Oct. 3rd/16 for the submission for Public Transit Infrastructure Funding (PTIF). As per CR625/2016, Council approved and pre-committed city funding with PTIF grant funding. | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | |
| | | <u>Revenue</u> | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | | | |
| 2020 | 375,000 | 375,000 | 0 | | 0 | 0 | 375,000 | 0 | 0 | 0 | 0 | 375,000 | | | | | | | |
| 2021 | 0 | 0 | 0 | | Total | 0 | 0 | 375,000 | 0 | 0 | 0 | 375,000 | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 0 | 375,000 | 0 | 0 | 0 | 0 | 375,000 | | | | | | | |
| | 375,000 | 375,000 | 0 | | Total | 0 | 0 | 375,000 | 0 | 0 | 0 | 375,000 | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | |
| | | <u>Revenue</u> | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | | | | | | |
| 2017 | 375,000 | 0 | 375,000 | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | |
| | | | | <u>Effective Date</u> | <u>Description</u> | | | | | | | <u>Exp/(Rev)</u> | <u>FTE Impact</u> | | | | | | |
| | | | | Unknown | Reduction in hydro costs. | | | | | | | 0 | 0 | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | | | | | |
| 2017 | January 1, 2017 | Growth: 0.0 % Maintenance: 0.0 % | | Tony Houad | | | | 2020 | | | | | | | | | | | |



Project Version Summary

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|-----------------------|--|---------------------|-----------------------------|
| Project # | TRN-018-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Transit Windsor |
| Asset Type | Unassigned | Division | Transit Maintenance |
| Title | Acquisition of a Commercial Grade Floor Sweeper for Maintenance Garage Floor | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

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|--|----------------------|----------------------------------|---------------------|--|---------------------------------|-------------|-----------------------------|-------------|-------------|-------------|--------------|--------------|--|--|---|------------------|-------------------|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | | | |
| <p>The current equipment is in excess of 20 years old and has exceeded its useful life. Current operating dollars are used to maintain this equipment and could be eliminated by the acquisition of a new commercial grade floor sweeper. This would result in fewer breakdowns and ensure the garage floor is clean of grease and other debris to avoid employee injury.</p> <p>This project was approved for PTIF Phase 1 funding announced on March 31, 2017. The associated costs are precommitted and matched with 50% Federal funding.</p> | | | | | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | | |
| 7171052 | | | | Report # C187/2016 was approved by Council on Oct. 3rd/16 for the submission for Public Transit Infrastructure Funding (PTIF). As per CR625/2016, Council approved and pre-committed city funding with PTIF grant funding. | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | | |
| | | <u>Revenue</u> | | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | | | | | |
| 2020 | 42,500 | 42,500 | 0 | | 0 | 0 | 42,500 | 0 | 0 | 0 | 0 | 42,500 | | | | | | | | | |
| 2021 | 0 | 0 | 0 | Total | 0 | 0 | 42,500 | 0 | 0 | 0 | 0 | 42,500 | | | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 0 | 42,500 | 0 | 0 | 0 | 0 | 42,500 | | | | | | | | | |
| | 42,500 | 42,500 | 0 | Total | 0 | 0 | 42,500 | 0 | 0 | 0 | 0 | 42,500 | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | | | | | | | | |
| 2017 | 42,500 | 0 | 42,500 | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | |
| | | | | <u>Effective Date</u> | <u>Description</u> | | | | | | | | | | | <u>Exp/(Rev)</u> | <u>FTE Impact</u> | | | | |
| | | | | Unknown | No Operating Budget Impact. | | | | | | | | | | 0 | 0 | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | Est. Completion Date | | | | | | | | | | | | | | |
| 2017 | January 1, 2017 | Growth: 0.0 % Maintenance: 0.0 % | Tony Houad | | | | December 31, 2020 | | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-----------------------------|
| Project # | TRN-019-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Transit Windsor |
| Asset Type | Unassigned | Division | Transit Maintenance |
| Title | Acquisition of a Commercial Grade Parts Washer for the Maintenance Garage | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|--|--|-----------------------------|-------------|-----------------------------|-------------|-------------|-------------|--------------|--------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | | | |
| <p>The current equipment is 25 years old and has exceeded its useful life. Current operating dollars are used to maintain this equipment and could be eliminated by the acquisition of a new commercial grade parts washer. This unit is used to high pressure wash bus parts for re-use and to extend their useful life. A new parts washer would eliminate regular breakdowns experienced with the existing equipment and allow improved efficiency of operations.</p> <p>This project was approved for PTIF Phase 1 funding announced on March 31, 2017. The associated costs are precommitted and matched with 50% Federal funding.</p> | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| 7171053 | | | | Report # C187/2016 was approved by Council on Oct. 3rd/16 for the submission for Public Transit Infrastructure Funding (PTIF). As per CR625/2016, Council approved and pre-committed city funding with PTIF grant funding. | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 Machinery & Equipment - TCA | | | | | | | | | | | |
| 2019 | 37,500 | 37,500 | 0 | | | 0 | 37,500 | 0 | 0 | 0 | 0 | 0 | 37,500 | | |
| 2020 | 0 | 0 | 0 | Total | | 0 | 37,500 | 0 | 0 | 0 | 0 | 0 | 37,500 | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | 0 | 37,500 | 0 | 0 | 0 | 0 | 0 | 37,500 | | |
| 2024+ | 0 | 0 | 0 | Total | | 0 | 37,500 | 0 | 0 | 0 | 0 | 0 | 37,500 | | |
| | 37,500 | 37,500 | 0 | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | |
| 2017 | 37,500 | 0 | 37,500 | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | | No Operating Budget Impact. | | | | | | | | 0 | 0 |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2017 | January 1, 2017 | Growth: 0.0 % Maintenance: 0.0 % | | Tony Houad | | | | December 31, 2019 | | | | | | | |



Project Version Summary

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|-----------------------|---|---------------------|-----------------------------|
| Project # | TRN-021-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Transit Windsor |
| Asset Type | Unassigned | Division | Transit Maintenance |
| Title | Acquisition of Fleet Inspection Equipment to Support the Bus Rehabilitation Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|--|-------------|-----------------------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|--|--|--|------------------|--|-------------------|---|---|---------|---|---|---|---|---|---------|-------|---|---|---------|---|---|---|---|---|---|---------|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Nine of the 11 in ground hoists exceed 38 years and have outlived their useful life. Rehabilitation and replacement of this equipment will ensure business continuity and minimize breakdowns, resulting in a more efficient operation through better utilization of resources and equipment. Further, the installation of an inspection service pit will allow for greater throughput and enhancement of preventative maintenance repairs and bus inspection functions.</p> <p>This project was approved for PTIF Phase 1 funding announced on March 31, 2017. The associated costs are precommitted and matched with 50% Federal funding.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7171055 | | | | Report # C187/2016 was approved by Council on Oct. 3rd/16 for the submission for Public Transit Infrastructure Funding (PTIF). As per CR625/2016, Council approved and pre-committed city funding with PTIF grant funding. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5110 Machinery & Equipment - TCA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 387,500 | 387,500 | 0 | <table border="0" style="width: 100%;"> <tr> <td style="width: 10%;"></td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">387,500</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">387,500</td> </tr> <tr> <td style="text-align: right;">Total</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">387,500</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">387,500</td> </tr> </table> | | | | | | | | | | | | | | | | | 0 | 0 | 387,500 | 0 | 0 | 0 | 0 | 0 | 387,500 | Total | 0 | 0 | 387,500 | 0 | 0 | 0 | 0 | 0 | 0 | 387,500 |
| | 0 | 0 | 387,500 | 0 | 0 | 0 | 0 | 0 | 387,500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 387,500 | 0 | 0 | 0 | 0 | 0 | 0 | 387,500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | <table border="0" style="width: 100%;"> <tr> <td style="width: 10%;"></td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">387,500</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">0</td> <td style="width: 10%; text-align: right;">387,500</td> </tr> <tr> <td style="text-align: right;">Total</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">387,500</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">387,500</td> </tr> </table> | | | | | | | | | | | | | | | | | 0 | 0 | 387,500 | 0 | 0 | 0 | 0 | 0 | 387,500 | Total | 0 | 0 | 387,500 | 0 | 0 | 0 | 0 | 0 | 0 | 387,500 |
| | 0 | 0 | 387,500 | 0 | 0 | 0 | 0 | 0 | 387,500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 387,500 | 0 | 0 | 0 | 0 | 0 | 0 | 387,500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 387,500 | 387,500 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2017 | 387,500 | 0 | 387,500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | | | | | | | Exp/(Rev) | | FTE Impact | | | | | | | | | | | | | | | | | | | | |
| | | | | Unknown | | No Operating Budget Impact. | | | | | | | | | | | | 0 | | 0 | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2017 | January 1, 2017 | Growth: 0.0 % Maintenance: 0.0 % | | Tony Houad | | | | | 2020 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Project Version Summary

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|-----------------------|--|---------------------|-----------------------------|
| Project # | TRN-001-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Transit Windsor |
| Asset Type | Unassigned | Division | Transit Operations |
| Title | Transit Windsor - Building Maintenance | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | | | |
| Version Name | Main (Active) | | |

Project Description

Transit Windsor's main office and maintenance garage located at 3700 North Service Road was opened in April 1978 and operates 24 hours a day and 7 days a week. The facility and many of the building components are past their life expectancy which are experiencing greater capital investment needs to maintain, repair or replace aging components. The regular demands of the facility has identified a number of ongoing capital improvements required to enhance the overall operational efficiency of the facility in order to meet the demands of the community that rely on public transit.

The projects that are of immediate concern at Transit Windsor's main office are the exterior roadwork needs, pedestrian traffic control measures and new fencing needs on the perimeter of the property. The roadway, ditch and drainage on the east side of the property are in desperate need of repair and resurfacing as they have not been repaired in over 20 years. The ditch and sidewalk needs on the west side of the property are also reaching the level of critical repair. Currently, there are no sidewalks on the property. Pedestrians are forced to walk on Transit Windsor's property, which poses a risk to the pedestrian and the Operators as there are buses constantly moving on the property. Transit Windsor would also undertake the replacement of the underground fuel tanks at the same time as the road way work, as these fuel tanks are reaching the end of their useful life and may begin to pose an environmental risk.

In addition, in 2015 a study was conducted by Parsons Brinckerhoff to develop a Transit Fleet Asset Management Plan that identified strategies for fiscal expenditures that results in a reduction to transit's operating budget. Some of these best practices are transferable to the facility and equipment including implementing a life cycle costing program. The facility has a vast array of equipment that is used to run the garage as well as the facility required to support transit operations. The warranty for most of the equipment in the facility has now expired so this program will fund necessary replacement of equipment and facility improvements. Specific attention to equipment and facility requirements to support maintaining a fleet of 112 buses and supporting vehicles, body shop and mechanic workstations, bus servicing area and the transportation area.

Project Comments/Reference

Version Description

| | |
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Version Comments

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| Project Forecast | | | | Project Detailed Forecast | | | | | | | | |
|-----------------------------------|-------------------|----------------------------------|-----------|-------------------------------------|------|------|------|-----------------------------|------|------|-----------|-----------|
| Year | Total Expense | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| | | Net City Cost | Subsidies | | | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5110 Machinery & Equipment - TCA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2020 | 0 | 0 | 0 | | | | | | | | | |
| 2021 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | 0 | 0 | 0 | 0 | 0 | 0 | 1,040,000 | 1,040,000 |
| 2022 | 0 | 0 | 0 | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | |
| 2024+ | 1,040,000 | 1,040,000 | 0 | Total | 0 | 0 | 0 | 0 | 0 | 0 | 1,040,000 | 1,040,000 |
| | 1,040,000 | 1,040,000 | 0 | Revenues | | | | | | | | |
| | | | | 169 Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 1,040,000 | 1,040,000 |
| | | | | Total | 0 | 0 | 0 | 0 | 0 | 0 | 1,040,000 | 1,040,000 |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | |
| Related Projects | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | |
| 2017 | January 1, 2024 | Growth: 0.0 % Maintenance: 0.0 % | | Tony Houad | | | | 2024+ | | | | |



Project Version Summary

Project # TRN-002-17 **Service Area** Office of the City Engineer
Budget Year 2018 **Department** Transit Windsor
Asset Type **Division** Transit Operations

Title Transit Maintenance - Safety Assessment at Transit Windsor Property
Budget Status Council Approved Budget
Major Category Corporate Property Infrastructure
Wards Ward 5, City Wide
Version Name Main (Active)

Project Description

Transit Windsor has over \$50 million dollars invested in its fleet and equipment and given the community's reliance on public transit, any disruption to Transit Windsor's operations would disadvantage many individuals in the community. Based on the assessment conducted by Windsor Police, Transit Windsor has already implemented low cost recommendations to improve safety at its facility. The report states: "From a Crime Prevention Through Environmental Design (CPTED) perspective, the building is vulnerable to limitations in natural surveillance, combined with deficiencies in access control, activity management, and behavior engineering."

The following are larger and more costly solutions required to better secure the site and facility.

1. Trespassing & Access Control – There is a very tangible risk with trespassing at all hours of the day onto the site and into the building which makes it very easy for anyone to simply gain access into the building. The two perimeter gates on the property are kept wide open to allow easy entry/exit for transit fleet. Better fencing and door/gate access controls could provide a higher level of site security without compromising fleet operations.

2. CCTV Cameras - To optimize the security of the entire property, additional CCTV cameras should be added to offer a more comprehensive degree of security and safe guarding of assets.

This project was approved for PTIF Phase 1 funding announced on March 31, 2017. The associated costs are precommitted and matched with 50% Federal funding.

Project Comments/Reference

7171036

Version Description

Version Comments

Report # C187/2016 was approved by Council on Oct. 3rd/16 for the submission for Public Transit Infrastructure Funding (PTIF). As per CR625/2016, Council approved and pre-committed city funding with PTIF grant funding.

| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
|-----------------------------------|----------------------|----------------------------------|---------------------|--------------------------------|---------------------------------|-----------------------------|------|------|------|------|-------|------------------|-------------------|
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 | Machinery & Equipment - TCA | | | | | | | | |
| 2019 | 180,000 | 180,000 | 0 | | 0 | 180,000 | 0 | 0 | 0 | 0 | 0 | 180,000 | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | |
| | 180,000 | 180,000 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | | Revenues | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | 169 | Pay As You Go - Capital Reserve | | | | | | | | |
| 2017 | 90,000 | 0 | 90,000 | | 0 | 180,000 | 0 | 0 | 0 | 0 | 0 | 180,000 | |
| | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | |
| | | | | <u>Effective Date</u> | <u>Description</u> | | | | | | | <u>Exp/(Rev)</u> | <u>FTE Impact</u> |
| | | | | Unknown | No Operating Budget Impact | | | | | | | 0 | 0 |
| <u>Year Identified</u> | <u>Start Date</u> | <u>Project Type for 2018</u> | <u>Project Lead</u> | | | <u>Est. Completion Date</u> | | | | | | | |
| 2017 | January 1, 2017 | Growth: 0.0 % Maintenance: 0.0 % | Tony Houad | | | December 31, 2019 | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|-------------------------------------|---------------------|-----------------------------|
| Project # | TRN-003-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Transit Windsor |
| Asset Type | Unassigned | Division | Transit Operations |
| Title | Transit Windsor - West End Terminal | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | Ward 2 | | |
| Version Name | Main (Active) | | |

| | |
|---|----------------------------|
| Project Description | Version Description |
| <p>The 2018 capital budget request includes a request to pre-commit funding in 2019 for this project to secure an alternate terminal in the City's west end that better serves the needs of our ridership. This would result in improved driver amenities and provide a more strategic location for ridership growth opportunities. An alternate location to the current terminal would provide passengers with a safer and more accessible terminal in the vicinity of fare generators, along with improved customer amenities. Discussions are continuing to secure a West End Terminal and designs are being drafted.</p> <p>This project was approved for PTIF Phase 1 funding announced on March 31, 2017. The associated costs are matched with 50% Federal funding. The 2018 funding request is to build upon the preliminary work done in the first phase of the project.</p> | |

| | |
|-----------------------------------|-------------------------|
| Project Comments/Reference | Version Comments |
| 7171037 | |

| Project Forecast | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------------------|----------------|---------------|---------|---------------|-----------|-------|---------|---|---|------|---------|---------|---|------|---|---|---|------|---|---|---|------|---|---|---|------|---|---|---|-------|---|---|---|--|----------------|----------------|----------|--|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-----------------------------------|---|---------|---|---|---|---|---|---------|-------|---|---------|---|---|---|---|---|---------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|---|---------|---|---|---|---|---|---------|-------|---|---------|---|---|---|---|---|---------|
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Year</th> <th rowspan="2">Total Expense</th> <th colspan="2">Revenue</th> </tr> <tr> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2019</td><td>548,000</td><td>548,000</td><td>0</td></tr> <tr><td>2020</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2021</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2022</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2024+</td><td>0</td><td>0</td><td>0</td></tr> <tr> <td></td> <td style="border-top: 1px solid black;">548,000</td> <td style="border-top: 1px solid black;">548,000</td> <td style="border-top: 1px solid black;">0</td> </tr> </tbody> </table> | Year | Total Expense | Revenue | | Net City Cost | Subsidies | 2018 | 0 | 0 | 0 | 2019 | 548,000 | 548,000 | 0 | 2020 | 0 | 0 | 0 | 2021 | 0 | 0 | 0 | 2022 | 0 | 0 | 0 | 2023 | 0 | 0 | 0 | 2024+ | 0 | 0 | 0 | | 548,000 | 548,000 | 0 | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td>0</td> <td>548,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>548,000</td> </tr> <tr> <td style="text-align: right;">Total</td> <td>0</td> <td>548,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>548,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td>0</td> <td>548,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>548,000</td> </tr> <tr> <td style="text-align: right;">Total</td> <td>0</td> <td>548,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>548,000</td> </tr> </tbody> </table> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5410 Construction Contracts - TCA | 0 | 548,000 | 0 | 0 | 0 | 0 | 0 | 548,000 | Total | 0 | 548,000 | 0 | 0 | 0 | 0 | 0 | 548,000 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | 0 | 548,000 | 0 | 0 | 0 | 0 | 0 | 548,000 | Total | 0 | 548,000 | 0 | 0 | 0 | 0 | 0 | 548,000 |
| Year | | | Total Expense | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 548,000 | 548,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 548,000 | 548,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5410 Construction Contracts - TCA | 0 | 548,000 | 0 | 0 | 0 | 0 | 0 | 548,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 548,000 | 0 | 0 | 0 | 0 | 0 | 548,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | 0 | 548,000 | 0 | 0 | 0 | 0 | 0 | 548,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 548,000 | 0 | 0 | 0 | 0 | 0 | 548,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Historical Approved Budget | Revenue | | | | | | | | |
|---|----------------|---------------|---------------|-----------|------|---------|---------|---------|--|
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr> <td>2017</td> <td>200,000</td> <td>100,000</td> <td>100,000</td> </tr> </tbody> </table> | Year | Total Expense | Net City Cost | Subsidies | 2017 | 200,000 | 100,000 | 100,000 | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | |
| 2017 | 200,000 | 100,000 | 100,000 | | | | | | |

| | |
|-------------------------|--------------------------------|
| Related Projects | Operating Budget Impact |
| | |

| | | | | |
|------------------------|-------------------|----------------------------------|---------------------|-----------------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date |
| 2017 | January 1, 2017 | Growth: 0.0 % Maintenance: 0.0 % | Tony Houad | 2019 |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|-----------------------------|
| Project # | TRN-020-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Transit Windsor |
| Asset Type | Unassigned | Division | Transit Operations |
| Title | Renovations and Enhancements to the Transportation Services Area | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|--|-------------|-----------------------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|--|--|--|------------------|--|-------------------|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | | | |
| <p>Since the construction of the facility in 1979, the transportation area and central dispatch at the main transit terminal have expanded to support new technologies, including the Intelligent Transportation System. These new technology improvements facilitate the need to enhance existing facilities to ensure effective communication to on street service. Improvements in communication allow for better functionality with bus drivers and customers through real time information.</p> <p>This project was approved for PTIF Phase 1 funding announced on March 31, 2017. The associated costs are precommitted and matched with 50% Federal funding.</p> | | | | | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | | |
| 7171054 | | | | Report # C187/2016 was approved by Council on Oct. 3rd/16 for the submission for Public Transit Infrastructure Funding (PTIF). As per CR625/2016, Council approved and pre-committed city funding with PTIF grant funding. | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | | | |
| 2020 | 100,000 | 100,000 | 0 | 0 0 100,000 0 0 0 0 100,000 | | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | Total 0 0 100,000 0 0 0 0 100,000 | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | 0 0 100,000 0 0 0 0 100,000 | | | | | | | | | | | | | | | | | |
| | 100,000 | 100,000 | 0 | Total 0 0 100,000 0 0 0 0 100,000 | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | |
| 2017 | 100,000 | 0 | 100,000 | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | | | | | | | Exp/(Rev) | | FTE Impact | |
| | | | | Unknown | | No Operating Budget Impact. | | | | | | | | | | | | 0 | | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | | | | | |
| 2017 | January 1, 2017 | Growth: 0.0 % Maintenance: 0.0 % | | Tony Houad | | | | | 2020 | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|-----------------------------|
| Project # | TRN-009-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Transit Windsor |
| Asset Type | Unassigned | Division | Transit Planning |
| Title | Restoration of Multiple Transit Windsor Pedestrian Shelters | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|---|----------------------|------------------------------------|------------------|--|--|-------------|-------------|-----------------------------|-------------|-------------|-------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | |
| <p>The purchase of up to 152 bus shelters equipped with solar lighting and solar advertising panels, along with refurbishing of up to 41 existing bus shelters, will assist in providing enhanced customer amenities. External benefits would increase our shelter coverage from 13% to 20% within our service area.</p> <p>This project was approved for PTIF Phase 1 funding announced on March 31, 2017. The associated costs are precommitted and matched with 50% Federal funding.</p> | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| 7171043 | | | | Report # C187/2016 was approved by Council on Oct. 3rd/16 for the submission for Public Transit Infrastructure Funding (PTIF). As per CR625/2016, Council approved and pre-committed city funding with PTIF grant funding. | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | |
| 2018 | 20,000 | 20,000 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | |
| 2019 | 120,000 | 120,000 | 0 | | 20,000 | 120,000 | 320,000 | 20,000 | 0 | 0 | 0 | 480,000 | |
| 2020 | 320,000 | 320,000 | 0 | | Total | | | | | | | | 480,000 |
| 2021 | 20,000 | 20,000 | 0 | Revenues | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 127 | Dev Chg - Transit | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 20,000 | 20,000 | 20,000 | 20,000 | 0 | 0 | 0 | 80,000 | |
| 2024+ | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | |
| | 480,000 | 480,000 | 0 | | 0 | 100,000 | 300,000 | 0 | 0 | 0 | 0 | 400,000 | |
| | | | | | Total | | | | | | | | 480,000 |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| | | Revenue | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Unknown | Reduction in hydro costs by installing solar shelters (\$30,000). Increase in revenue due to increase in number of advertising shelters (\$66,000). Increase in maintenance costs of \$14,000 just for cleaning however full maintenance plan has to be put in place to include snow removal, moving shelters, repairs to glass etc. | | | | | | | 0 | 0 |
| 2017 | 520,000 | 20,000 | 500,000 | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | |
| 2017 | January 1, 2017 | Growth: 100.0 % Maintenance: 0.0 % | | Steve Habrun | | | | 2021 | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|----------------------------------|
| Project # | TRN-015-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Transit Windsor |
| Asset Type | Unassigned | Division | Transit Sales & Customer Service |
| Title | Expansion of Customer Service Parking to Support Increased Demand | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|--|---------------------------------|-------------|-------------|-------------|-----------------------------|-------------|-------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | |
| <p>In recent years, Transit Windsor has focused on expanding transit customer service to provide a full range of fare products. As a result, there is limited parking space to facilitate these initiatives. Providing additional parking will improve the customer experience through convenience and efficiency.</p> <p>This project was approved for PTIF Phase 1 funding announced on March 31, 2017. The associated costs are precommitted and matched with 50% Federal funding.</p> | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| 7171049 | | | | Report # C187/2016 was approved by Council on Oct. 3rd/16 for the submission for Public Transit Infrastructure Funding (PTIF). As per CR625/2016, Council approved and pre-committed city funding with PTIF grant funding. | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | <u>Revenue</u> | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | |
| 2019 | 10,000 | 10,000 | 0 | | 0 | 10,000 | 0 | 0 | 0 | 0 | 0 | 0 | 10,000 |
| 2020 | 0 | 0 | 0 | Total | 0 | 10,000 | 0 | 0 | 0 | 0 | 0 | 0 | 10,000 |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 10,000 | 0 | 0 | 0 | 0 | 0 | 0 | 10,000 |
| 2024+ | 0 | 0 | 0 | Total | 0 | 10,000 | 0 | 0 | 0 | 0 | 0 | 0 | 10,000 |
| | 10,000 | 10,000 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | |
| 2017 | 10,000 | 0 | 10,000 | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | No Operating Budget Impact. | | | | | | 0 | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | |
| 2017 | January 1, 2017 | Growth: 0.0 % Maintenance: 0.0 % | | Tony Houad | | | | | December 31, 2019 | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|----------------------------------|
| Project # | TRN-016-17 | Service Area | Office of the City Engineer |
| Budget Year | 2018 | Department | Transit Windsor |
| Asset Type | Unassigned | Division | Transit Sales & Customer Service |
| Title | Renovations And Enhancements To Customer Service Area At The Main Transit Terminal | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Transportation Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|---------------------|--|---------------------------------|-----------------------------|-------------|-------------|-------------|-------------|------------------|-------------------|---|--------|
| Project Description | | | | Version Description | | | | | | | | | | |
| <p>Since the construction of the facility in 1979, the customer service area at the main transit terminal has expanded its services to the public. This project includes reconfiguring the accessible entrance and customer service counter area to reflect current business practices and needs. The proposed renovations would enhance the security of the area to ensure safety for employees and customers.</p> <p>This project was approved for PTIF Phase 1 funding announced on March 31, 2017. The associated costs are precommitted and matched with 50% Federal funding.</p> | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7171050 | | | | Report # C187/2016 was approved by Council on Oct. 3rd/16 for the submission for Public Transit Infrastructure Funding (PTIF). As per CR625/2016, Council approved and pre-committed city funding with PTIF grant funding. | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | |
| 2019 | 20,000 | 20,000 | 0 | | 0 | 20,000 | 0 | 0 | 0 | 0 | 0 | 20,000 | | |
| 2020 | 0 | 0 | 0 | | Total | | | | | | | | 0 | 20,000 |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 20,000 | 0 | 0 | 0 | 0 | 0 | 20,000 | | |
| 2024+ | 0 | 0 | 0 | | Total | | | | | | | | 0 | 20,000 |
| | 20,000 | 20,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | |
| 2017 | 20,000 | 0 | 20,000 | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | Effective Date | Description | | | | | | Exp/(Rev) | FTE Impact | | |
| | | | | Unknown | No Operating Budget Impact. | | | | | 0 | 0 | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | Est. Completion Date | | | | | | | | |
| 2017 | January 1, 2017 | Growth: 0.0 % Maintenance: 0.0 % | T. Houad | | | March 31, 2019 | | | | | | | | |

2018 Approved Capital Budget



Capital Project Summaries

Office of the City Solicitor



Project Version Summary

| | | | |
|-----------------------|------------------------------------|---------------------|------------------------------|
| Project # | FRS-003-13 | Service Area | Office of the City Solicitor |
| Budget Year | 2018 | Department | Fire & Rescue |
| Asset Type | Unassigned | Division | Fire Operations |
| Title | New Fire Headquarters - Station #1 | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | Ward 3, City Wide | | |
| Version Name | Main (Active) | | |

| | | | |
|----------------------------|--|----------------------------|--|
| Project Description | <p>Fire is recommending the replacement of the existing Station 1/Headquarters facility. The current building was built in 1967 and is in poor condition. The building is in need of substantial repairs which may be very costly and only serve as stopgap measures. The new facility would also house the Fire Prevention division which is currently working out of an aging annex building located to the rear of the current headquarters.</p> <p>The current headquarters building provides only very limited access to persons with physical disabilities. Accessibility is limited to the first floor Administration area only. The Administrative area of the headquarters building also has inadequate office and storage space. Personnel are forced to share workspace with limited storage capability. A central record keeping area does not exist within the facility, which creates difficulty in ensuring records are kept and maintained according to best practices.</p> <p>Due to the age of the building, the energy efficiency is virtually non-existent. Both the building construction and outdated mechanicals contribute to the inefficiency of the structure. It is not uncommon for repairs to the air conditioning system to take days.</p> | Version Description | <p>The fire station section of the headquarters building is in extreme disrepair. The building is crumbling around the windows and has experienced numerous problems with the air handling equipment and plumbing. Flooding is experienced during major rain falls. Repairs often take days to complete due to aging equipment and the difficulty in finding parts.</p> <p>Relative to the current Fire Prevention building, only the front vestibule can accommodate persons with disabilities. The corridors, door widths and offices cannot accommodate a person in a wheel chair. Fire Prevention staff are currently working out of renovated closets with little room for more than a desk and chair. The Fire Prevention annex faces the same challenges with energy efficiency and general disrepair.</p> <p>A new facility will house Administration, Fire Prevention and Station 1 operations. The new facility will provide an accessible, energy efficient facility that meets the current and future needs of Windsor Fire and Rescue Services.</p> |
|----------------------------|--|----------------------------|--|

| | | | |
|-----------------------------------|---|-------------------------|--|
| Project Comments/Reference | A business case is being worked on for this initiative to consider the cost of rehabilitating the current site versus the cost of a new site. The funding allocated in the capital budget is to allow for the purchase of land should there be such a need, understanding a report to Council would be required prior to taking any action. | Version Comments | Funds have been identified as SEED funding toward a new facility or continued repairs/rehabilitation to the existing facility. |
|-----------------------------------|---|-------------------------|--|

| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
|------------------|-------------------|-------------------|-----------|---------------------------|---------------------------------|------|------|-----------|------|------|------------|------------|--|--|
| Year | Total Expense | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| | | Net City Cost | Subsidies | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 1,000,000 | 0 | 0 | 22,000,000 | 23,000,000 | | |
| 2021 | 1,000,000 | 1,000,000 | 0 | Total | 0 | 0 | 0 | 1,000,000 | 0 | 0 | 22,000,000 | 23,000,000 | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | |
| 2024+ | 22,000,000 | 22,000,000 | 0 | | 0 | 0 | 0 | 1,000,000 | 0 | 0 | 22,000,000 | 23,000,000 | | |
| | 23,000,000 | 23,000,000 | 0 | Total | 0 | 0 | 0 | 1,000,000 | 0 | 0 | 22,000,000 | 23,000,000 | | |

| | |
|-----------------------------------|--|
| Historical Approved Budget | |
|-----------------------------------|--|

| Related Projects | | Operating Budget Impact | | Exp/(Rev) | FTE Impact | | | | | | | |
|-------------------------|--|--|----------------|------------------|-------------------|------------|---------|--|---|---|--|--|
| | | <table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>An increase/decrease to the annual operating budget may be required upon project completion(ie. utilities, maintenance contracts etc.)</td> <td>0</td> <td>0</td> </tr> </tbody> </table> | Effective Date | Description | Exp/(Rev) | FTE Impact | Unknown | An increase/decrease to the annual operating budget may be required upon project completion(ie. utilities, maintenance contracts etc.) | 0 | 0 | | |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | | | | |
| Unknown | An increase/decrease to the annual operating budget may be required upon project completion(ie. utilities, maintenance contracts etc.) | 0 | 0 | | | | | | | | | |

| | | | | |
|------------------------|-------------------|------------------------------|---------------------|-----------------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date |
|------------------------|-------------------|------------------------------|---------------------|-----------------------------|

| | | | | |
|------|-----------------|----------------------------------|----------------------------|-------|
| 2013 | January 1, 2021 | Growth: 0.0 % Maintenance: 0.0 % | Fire Chief Stephen Laforet | 2024+ |
|------|-----------------|----------------------------------|----------------------------|-------|



Project Version Summary

| | | | |
|-----------------------|---|---------------------|------------------------------|
| Project # | FRS-007-18 | Service Area | Office of the City Solicitor |
| Budget Year | 2018 | Department | Fire & Rescue |
| Asset Type | Unassigned | Division | Fire Operations |
| Title | Thermal Imaging Camera - Fire & Rescue Services | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|---|---------------------------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| A Thermal Imaging Camera or Thermal Imager is a non-contact device that detects infrared energy (heat) and converts it into an electronic signal, which is then processed to produce a thermal image or video on a display screen. The image created is based on the contrast of infrared radiation energy that exists between objects that are of different temperatures. The amount of infrared radiation emitted by an object increases with temperature; as a result, cooler objects appear on the display screen darker than warmer objects. Firefighters use thermal imagers to see through smoke, to find persons, and to locate the base of a fire in environments with or without visible light. Simply put, the thermal imager allows the firefighter to see in the dark making it easier to find trapped persons while at the same time creating a safer environment for the firefighter to work in. | | | | WFRS currently owns 18 Thermal Imagers which are assigned to each fire apparatus as well as the Safety Officer's response vehicle. Thermal imagers are used in hostile environments and are subject to physical conditions which over time can result in damage to the unit despite their robust design. This, along with constantly evolving technology results in the units having to be replaced regularly. At an average cost approaching \$10,000/unit and a life span of 5 years per unit, WFRS is seeking \$50,000 (5 units/year) to begin a regular replacement schedule which would ensure reliable equipment is available on a continuous basis and allow for better control and planning of the replacements. | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 | Machinery & Equipment - TCA | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 0 | 100,000 | | |
| 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 0 | 100,000 | | |
| 2021 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 0 | 100,000 | | |
| 2022 | 50,000 | 50,000 | 0 | Revenues | | | | | | | | | | |
| 2023 | 50,000 | 50,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 0 | 100,000 | | |
| | 100,000 | 100,000 | 0 | | 0 | 0 | 0 | 0 | 50,000 | 50,000 | 0 | 100,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | |
| 2018 | December 31, 2022 | Growth: 0.0 % Maintenance: 0.0 % | | Deputy Fire Chief Doug Goodings | | | | | 2023 | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|------------------------------|
| Project # | FRS-001-15 | Service Area | Office of the City Solicitor |
| Budget Year | 2018 | Department | Fire & Rescue |
| Asset Type | Unassigned | Division | Fire Support Services |
| Title | Fire & Rescue GPS Traffic Pre-emption Technology Infrastructure | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Technology | | |
| Wards | City Wide | | |
| Version Name | 2016 version (Active) | | |

| | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|---|---|-------------|-------------|-----------------------------|-------------|-------------|-------------|------------------|-------------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| Current traffic pre-emption technology in use at the City (Opticom) is not installed throughout the city and existing units require extensive adjustments and maintenance. GPS traffic pre-emption technology will allow for the control of all traffic signals throughout the City through connections via the traffic services ATMS and utilizes GPS technology to identify vehicle locations, vehicle speed and potentially can monitor vehicle operations (e.g. brakes, engine temperature, etc.). Installation of this technology has the potential to reduce response times by as much as 30 seconds on short distance responses and as much as one minute on longer distance responses. This technology could put responders on scene sooner and in greater numbers, and will support the corporate vision of employee safety and public safety. | | | | This technology would be a cost aversion strategy as the need for additional infrastructure - and thereby capital dollars - may be reduced as the reach of existing fire services is extended. Further, this system - once operational - could be expanded to include other agencies such as Transit, Police and EMS, all of which could leverage this investment. Total projected costs for the GPS traffic pre-emption system including installation are approximately \$2,540,000 and include: - Controllers & Communications Network - ATMS System Development and Integration Costs - Antenna and Equipment Install on Each Fire Apparatus | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 Machinery & Equipment - TCA | | 0 | 0 | 0 | 0 | 0 | 0 | 2,540,000 | 2,540,000 | | |
| 2019 | 0 | 0 | 0 | Total | | 0 | 0 | 0 | 0 | 0 | 0 | 2,540,000 | 2,540,000 | | |
| 2020 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | 0 | 0 | 0 | 0 | 0 | 0 | 2,540,000 | 2,540,000 | | |
| 2022 | 0 | 0 | 0 | Total | | 0 | 0 | 0 | 0 | 0 | 0 | 2,540,000 | 2,540,000 | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2024+ | 2,540,000 | 2,540,000 | 0 | | | | | | | | | | | | |
| | 2,540,000 | 2,540,000 | 0 | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| Related Projects | | | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact | | |
| | | | | 2020-01-01 | Monthly connectivity costs for Fire through corporate cellular network contracts of \$10/mth per vehicle are anticipated. \$10 x 12 months x 13 vehicles* = \$1,560/year (*11 trucks/engines + 2 district chief vehicles) | | | | | | | 1,560 | 0 | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2015 | January 1, 2024 | Growth: 0.0 % Maintenance: 0.0 % | | Fire Chief Stephen Laforet | | | | 2024+ | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|-----------------------------------|---------------------|------------------------------|
| Project # | FRS-001-18 | Service Area | Office of the City Solicitor |
| Budget Year | 2018 | Department | Fire & Rescue |
| Asset Type | Unassigned | Division | Fire Support Services |
| Title | Radio Service Monitor | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|--|-------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| Radio Service Monitor is used to diagnose and repair as well as tune 1,500 corporate radio units across entire City of Windsor operations. This includes departments such as parks, public works, environmental services, police and tunnel services. Radio Service Monitor is also used at radio sites to measure interference, de-sense, site noise levels, and many more diagnostics to prevent service issues and determine course of action when service is compromised. | | | | Current Radio Service Monitor was purchased in 1995 and although it still meets our day to day needs, a 22 year old unit has reached it's useful life. When failure occurs repairs are more difficult and inefficient to do due to unavailability of parts. As a result, replacement will become the best option in the near future to meet new technology in the market today. A placeholder for a replacement is warranted and Fire Communications department is recommending \$45,000 be allocated toward this project. | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 Machinery & Equipment - TCA | 0 | 0 | 0 | 45,000 | 0 | 0 | 0 | 45,000 | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2021 | 45,000 | 45,000 | 0 | Total | 0 | 0 | 0 | 45,000 | 0 | 0 | 0 | 45,000 | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 198 Pay As You Go Corporate Radios Reserve | 0 | 0 | 0 | 45,000 | 0 | 0 | 0 | 45,000 | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | |
| | 45,000 | 45,000 | 0 | Total | 0 | 0 | 0 | 45,000 | 0 | 0 | 0 | 45,000 | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | |
| 2018 | March 1, 2021 | Growth: 0.0 % Maintenance: 0.0 % | | Mike Menard/Deputy Fire Chief Andrea DeJong | | | | | 2021 | | | | | | |



Project Version Summary

Project # FRS-002-07 **Service Area** Office of the City Solicitor
Budget Year 2018 **Department** Fire & Rescue
Asset Type Unassigned **Division** Fire Support Services

Title Fire & Rescue Computer-aided Dispatch System (CRISYS) Upgrade
Budget Status Council Approved Budget
Major Category Corporate Technology
Wards City Wide
Version Name 2016 version (Active)

| | | | | | | | | | | | | | | | |
|--|----------------------|---|------------------|---|--|-----------------------------|-------------|-----------------------------|-------------|------------------|-------------|-------------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| <p>The current Crisys Computer Aided Dispatch (CAD) system was implemented in 2004. This CAD system is one of the major components of the Windsor Fire Communications as it provides speed and accuracy on processing emergency calls for the City of Windsor. Additional important features include vital information for firefighting and rescue operations such as location and the type of hazardous materials, location of physically challenged citizens, location and size of hydrants, special warnings, fire pre-planning information, etc.</p> <p>The City of Windsor also sells this service to other municipalities to be in a position of dispatching other municipalities.</p> | | | | <p>Crisys recommends complete system replacement every 3 years as computer processor manufacturers typically are doubling the speed of these devices every 18 months. In order to ensure the reliability of the supporting equipment, a full replacement of the system, including workstations that can accommodate the upgraded system, was done in 2010. The 2013 & 2016 upgrade involved computer hardware components only, and the manufacturer indicated that approximately \$50,000 will be required every 3-years going forward. The next replacement is in the year 2019.</p> | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| (Closed:7101012 / 7131006) / 7161037 | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5125 Computers - PCs | | | | | | | | | | | |
| 2019 | 50,000 | 50,000 | 0 | | | 0 | 50,000 | 0 | 0 | 50,000 | 0 | 0 | 100,000 | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2022 | 50,000 | 50,000 | 0 | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | |
| | 100,000 | 100,000 | 0 | | | | | | | | | | | | |
| Historical Approved Budget | | | | Revenues | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Revenues | | | | | | | | | | | |
| 2010 | 180,000 | 180,000 | 0 | 170 Pay As You Go - Leasing Reserve | | | | | | | | | | | |
| 2013 | 40,000 | 40,000 | 0 | | | 0 | 50,000 | 0 | 0 | 50,000 | 0 | 0 | 100,000 | | |
| 2016 | 50,000 | 50,000 | 0 | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | |
| Precedes | | Project Title | | Effective Date | | Description | | | | Exp/(Rev) | | FTE Impact | | | |
| ITC-001-12 | | Fire and Rescue Records Management and Computer Aided Dispatch System Initiatives | | Unknown | | No operating budget impact. | | | | 0 | | 0 | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2007 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | | Deputy Fire Chief Andrea Dejong | | | | Ongoing - every 3 years | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|-----------------------------------|---------------------|------------------------------|
| Project # | FRS-002-16 | Service Area | Office of the City Solicitor |
| Budget Year | 2018 | Department | Fire & Rescue |
| Asset Type | Unassigned | Division | Fire Support Services |
| Title | Fire Engine Portable Hoists | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | 2016 version (Active) | | |

| | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|--|-----------------------------|-------------|-------------|-----------------------------|-------------|-------------|------------------|-------------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| <p>The Fire Apparatus Division is requesting funding to purchase portable hoists capable of lifting large fire rescue vehicles. Currently the department has a two permanent hoist capable of lifting these vehicles. The purchase of portable hoists would increase the efficiency of the division by affording staff the ability to complete major repairs to vehicles when the two large hoists are occupied, rather than having to wait for one vehicle repair to be finished before another one could begin.</p> <p>In some cases a repair may be completed while working under the vehicle, the technician is required to lie on his back using a creeper which is both less productive and less safe than operating while standing. The use of portable hoists gives us the ability to use our flat bay and the concrete pad outside to perform operations such as power washing the undercarriage and inspections and other emergency repairs without interrupting operations on the other two hoists.</p> | | | | <p>Portable hoists would provide a level of flexibility that currently does not exist within the division. It is expected that the addition of this equipment would increase the overall safety and efficiency of the division and reduce the amount of time vehicles are out of service awaiting repairs.</p> <p>Windsor Fire & Rescue Services is recommending the purchase of four portable hoists in 2021, at an estimated cost of \$20,000 each. This cost would provide some savings in Operating budget when rental of portable hoists is required.</p> | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 Machinery & Equipment - TCA | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 80,000 | 0 | 0 | 0 | 80,000 | | |
| 2020 | 0 | 0 | 0 | Total | 0 | 0 | 0 | 80,000 | 0 | 0 | 0 | 80,000 | | |
| 2021 | 80,000 | 80,000 | 0 | Revenues | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 0 | 0 | 80,000 | 0 | 0 | 0 | 80,000 | | |
| 2024+ | 0 | 0 | 0 | Total | 0 | 0 | 0 | 80,000 | 0 | 0 | 0 | 80,000 | | |
| | 80,000 | 80,000 | 0 | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| Related Projects | | | | Effective Date | Description | | | | | | Exp/(Rev) | FTE Impact | | |
| | | | | Unknown | No operating budget impact. | | | | | | 0 | 0 | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | |
| 2016 | January 1, 2021 | Growth: 0.0 % Maintenance: 0.0 % | | Deputy Fire Chief Doug Goodings | | | | 2021 | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--------------------------------------|---------------------|------------------------------|
| Project # | FRS-002-18 | Service Area | Office of the City Solicitor |
| Budget Year | 2018 | Department | Fire & Rescue |
| Asset Type | Unassigned | Division | Fire Support Services |
| Title | Breathing Air-Compressor Replacement | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | |
|----------------------------|--|
| Project Description | Quality breathing air maintained to CSA standards is the backbone of the fire department. Self-contained breathing apparatus (SCBA) is the primary piece of personal protection equipment (PPE) used for firefighting, allowing firefighters to enter hazardous atmospheres with respiratory protection. This piece of equipment is useless without being fully charged with breathing air of the highest standards. This compressor allows for the filling of SCBAs cylinders at a rate that will keep up to any major conflagration requirements. Also, this is not just a breathing air compressor; the system entails a fill station which would contain any flying debris separating from a damaged cylinder if it were to erupt. The current fill station is a directional containment unit allowing the exploded cylinder to go up and down directing the explosion away from the operator. All new fill stations contain all cylinder fragments in the unit making it much safer if the cylinder were to fail. |
| Version Description | The current breathing air compressor was installed new in 1988. With regular maintenance the current compressor has operated well for 30 years with a few substantial repairs. The breathing air cooler and forth stage piston have been replaced several times. The condensate collector cylinder has also been replaced due to age. Assorted other minor repairs including countless panel valve replacements and other mechanical repairs to the fill station have been performed, these repairs are required more frequently as time passes. As repairs are more frequent, operations are affected. This causes the Emergency Service vehicle (ESU) to make a daily run to fill the mass breathing air storage system on the aerial apparatus, taking the ESU out of service during that time. |

| | |
|-----------------------------------|--|
| Project Comments/Reference | Without this breathing air compressor the ability to manage a major conflagration would be deeply compromised. A consistent supply a breathing air is the only way to ensure that a fire fight is not interrupted and that our personnel are continually protected during operations. Although it is one of two compressors in the city it is often the only one available when regular maintenance is needed or unforeseen breakdowns occur to the mobile compressor and fill station. The constant supply of breathing air to the SCBA repair room is also required to perform repairs and certifications. |
| Version Comments | The replacement of the old system is required in the near future. Windsor Fire & Rescue is recommending the replacement be at the latest in 2022. The lack of quality breathing air at the apparatus division would quickly put SCBAs out of service and consequently put our firefighting ability at risk. This compressor also fills many of the SCBA bottles from other departments including the water treatment plants, Enwin and Windsor Police. The lack of breathing air would put these departments at risk. Finally, the apparatus division repairs SCBAs for external customers, the lack of air would put a halt in this revenue stream. |

| Project Forecast | | Revenue | |
|------------------|----------------|----------------|-----------|
| Year | Total Expense | Net City Cost | Subsidies |
| 2018 | 0 | 0 | 0 |
| 2019 | 0 | 0 | 0 |
| 2020 | 0 | 0 | 0 |
| 2021 | 0 | 0 | 0 |
| 2022 | 100,000 | 100,000 | 0 |
| 2023 | 0 | 0 | 0 |
| 2024+ | 0 | 0 | 0 |
| | 100,000 | 100,000 | 0 |

| Project Detailed Forecast | | | | | | | | |
|-------------------------------------|----------|----------|----------|----------|----------------|----------|----------|----------------|
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Expenses | | | | | | | | |
| 5110 Machinery & Equipment - TCA | 0 | 0 | 0 | 0 | 100,000 | 0 | 0 | 100,000 |
| Total | 0 | 0 | 0 | 0 | 100,000 | 0 | 0 | 100,000 |
| Revenues | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 100,000 | 0 | 0 | 100,000 |
| Total | 0 | 0 | 0 | 0 | 100,000 | 0 | 0 | 100,000 |

| | |
|-----------------------------------|--|
| Historical Approved Budget | |
|-----------------------------------|--|

| | |
|--------------------------------|--|
| Related Projects | |
| Operating Budget Impact | |

| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date |
|-----------------|--------------|----------------------------------|---------------------------------|----------------------|
| 2018 | July 1, 2022 | Growth: 0.0 % Maintenance: 0.0 % | Deputy Fire Chief Andrea DeJong | 2022 |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|------------------------------|
| Project # | FRS-003-16 | Service Area | Office of the City Solicitor |
| Budget Year | 2018 | Department | Fire & Rescue |
| Asset Type | Unassigned | Division | Fire Support Services |
| Title | Fire Education Materials, Displays & Equipment | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|--|-------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | |
| Funding is requested to purchase replacement and new public education display materials and equipment to support the increasing number of public education-related activities undertaken by the Windsor Fire & Rescue Fire Services' Fire Prevention and Emergency Management Divisions. The current materials being utilized for Fire Prevention public education are approximately 10 years old or more in some cases and are worn, inoperable and unprofessional in appearance. Further, the single set of Fire Prevention materials is insufficient to meet the current needs of Windsor Fire & Rescue as there are often two events occurring simultaneously. | | | | Windsor Fire and Rescue Services is aware of the expectation to promote the City of Windsor in a competent and professional manner. Utilizing damaged and worn displays has a negative impact on this expectation and the current materials and equipment do not reflect the new corporate visual identity standard. | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | |
| 7161038 | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 2360 Promotional Material & Product | | | | | | | | | | | | | | | |
| 2020 | 20,000 | 20,000 | 0 | 0 0 20,000 0 0 0 0 20,000 | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | Total 0 0 20,000 0 0 0 0 20,000 | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | 0 0 20,000 0 0 0 0 20,000 | | | | | | | | | | | | | | | |
| | 20,000 | 20,000 | 0 | Total 0 0 20,000 0 0 0 0 20,000 | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | |
| 2016 | 20,000 | 20,000 | 0 | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | |
| | | | | Effective Date Description | | | | | | | | | | | | | | | |
| | | | | Unknown No operating budget impact. | | | | | | | | | | | | | | | |
| | | | | Exp/(Rev) FTE Impact | | | | | | | | | | | | | | | |
| | | | | 0 0 | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | | | |
| 2016 | January 1, 2020 | Growth: 0.0 % Maintenance: 0.0 % | | Deputy Chief Andrea Dejong | | | | | Ongoing - every 5 years | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|------------------------------|
| Project # | FRS-004-07 | Service Area | Office of the City Solicitor |
| Budget Year | 2018 | Department | Fire & Rescue |
| Asset Type | Unassigned | Division | Fire Support Services |
| Title | Firefighter Self-Contained Breathing Apparatus (SCBA) Replacement | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|--|----------------------|------------------------------------|------------------|---|--|-----------------------------|-------------|-----------------------------|-------------|-------------|-------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | |
| Firefighter safety is an essential component to maintaining an effective Fire and Rescue Service. The SCBA unit provides the firefighter ability to breathe, work and communicate in a potentially toxic atmosphere that would otherwise be dangerous to health and safety. Emergencies, such as structure fires, vehicle fires and hazardous material release, all contain elements of smoke, fire and chemical compounds. The SCBA unit protects the firefighter in these environments while performing rescue and hazard mitigation activities. | | | | Breathing apparatus is under constant wear and tear as it is used by all employees attending every fire scene. Due to unforeseen and unavoidable delays in the NFPA certification process this project was delayed until 2015/2016. The 2012 funding of \$600,000 was identified insufficient to replace all required SCBA components, and the department estimated in 2014 that an additional \$500,000 would be required to fund the replacement of all equipment to ensure compliance with the latest standards. | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| (Closed: 7071069/7111033)/7121012 | | | | Report #18092, CR41/2016 approved a pre-commitment of \$300,000 from 2018 funds. | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | <u>Revenue</u> | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | |
| 2018 | 300,000 | 300,000 | 0 | 5110 Machinery & Equipment - TCA | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | 300,000 | 0 | 0 | 0 | 0 | 0 | 0 | 300,000 |
| 2020 | 0 | 0 | 0 | | | Total | 300,000 | 0 | 0 | 0 | 0 | 0 | 300,000 |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | 300,000 | 0 | 0 | 0 | 0 | 0 | 0 | 300,000 |
| 2024+ | 0 | 0 | 0 | | | Total | 300,000 | 0 | 0 | 0 | 0 | 0 | 300,000 |
| | 300,000 | 300,000 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | |
| | | <u>Revenue</u> | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | |
| 2007 | 220,000 | 220,000 | 0 | | | | | | | | | | |
| 2011 | 20,000 | 20,000 | 0 | | | | | | | | | | |
| 2012 | 600,000 | 600,000 | 0 | | | | | | | | | | |
| 2016 | 200,000 | 200,000 | 0 | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | | No operating budget impact. | | | | | | 0 | 0 |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | |
| 2007 | January 1, 2014 | Growth: 0.0 % Maintenance: 100.0 % | | Fire Chief Stephen Laforet | | | | 2018 | | | | | |



Project Version Summary

| | | | |
|-----------------------|-----------------------------------|---------------------|------------------------------|
| Project # | FRS-004-18 | Service Area | Office of the City Solicitor |
| Budget Year | 2018 | Department | Fire & Rescue |
| Asset Type | Unassigned | Division | Fire Support Services |
| Title | Posichek Machine (SCBA tester) | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|--|-----------------------------|-------------|-------------|-------------|-----------------------------|---------------|-------------|--------------|---------------|
| Project Description | | | | Version Description | | | | | | | | | |
| A piece of apparatus that allows respirators to be flow tested annually and after repairs as per manufacture specifications and recommendations. The Posichek is approximately 18 years old with life expectancy of 20 years. This machine tests and documents airflows and system pressures, while checking for leaks, restrictions, and activation pressures. The new breathing apparatus with communications between the SCBA's control module and the heads up display in the mask requires testing and documentation of this function, this is performed by this machine. All other functions of the SCBA like alarm setting and activations are inspected and tested and documented also. The Posichek machine undergoes annual certification as required by the manufacturer and NFPA. | | | | If this unit fails pro-longed service interruptions can be expected, SCBAs would have to be taken out of service or shipped to a factory repair facility like Toronto or Pittsburgh. The shipping time for SCBAs being repaired would dramatically increase the out of service time for the apparatus. Windsor Fire & Rescue Services has a very limited quantity of breathing apparatus, a loss of even 2 to 3 units at certain times of the year could cause significant operational issues. Any repair affecting the integrity of the SCBAs requires a full system flow test before the unit can be placed back in-service. These repairs although minor are frequent requiring a flow test on the machine to place these units back in service. A simple O-ring replacement can be done in-house in little more than an hour including testing, this same repair when requiring shipping could take up to a week and incur shipping charges making it a very costly task. It is becoming more difficult to maintain the machine due to outdated circuit boards and software as electronics have changed significantly over the years, just like a computer after three or four upgrades, further advancements will not be advisable. | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| | | | | Timely replacement of the Posichek machine would avoid a long interruption of repair services for breathing apparatus. A reliable SCBA testing machine designed to test the new generations of SCBAs ensures the continued and uninterrupted supply of certified respirators necessary for firefighting. | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 | Machinery & Equipment - TCA | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 25,000 | 0 | 0 | 25,000 |
| 2020 | 0 | 0 | 0 | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | |
| 2022 | 25,000 | 25,000 | 0 | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | |
| | 25,000 | 25,000 | 0 | | | 0 | 0 | 0 | 0 | 25,000 | 0 | 0 | 25,000 |
| Historical Approved Budget | | | | Revenues | | | | | | | | | |
| | | | | 169 Pay As You Go - Capital Reserve | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | Total | | | | | | | | | |
| | | | | 0 0 0 0 25,000 0 0 25,000 | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | |
| | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | |
| 2018 | July 1, 2022 | Growth: 0.0 % Maintenance: 0.0 % | | Deputy Fire Chief Andrea DeJong | | | | | 2022 | | | | |



Project Version Summary

| | | | |
|-----------------------|-----------------------------------|---------------------|------------------------------|
| Project # | FRS-005-18 | Service Area | Office of the City Solicitor |
| Budget Year | 2018 | Department | Fire & Rescue |
| Asset Type | Unassigned | Division | Fire Support Services |
| Title | Shop Air-Compressor | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|---|---------------------------------|-------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|
| Project Description | | | | Version Description | | | | | | | | | |
| The Fire & Rescue Apparatus Division provides maintenance and repair services to its entire fleet and to all of its small equipment including breathing apparatus and auto extrication tools. The maintenance of the equipment becomes increasingly more reliant on air powered tools. A consistent supply of compressed air is required to operate these tools in the process of inspections and repairs. The functions these tools provide cannot be practically done in any other matter as manually operated or electric tools cannot provide the torque that air tools deliver. | | | | The Shop Air-Compressor is approximately 15 years old with life expectancy of 20 years. This equipment is essential in daily operations of any shop today. It is used to power all air tools like air impact guns, air chisels, shop fluid dispensing system and an assortment of smaller tools essential to the operation of the Apparatus Division. The shop air is even necessary to operate the large truck hoist. | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| | | | | Timely replacement of the Shop air compressor allows for the continuing operation of the apparatus division. All mechanical equipment has a finite lifespan. Extending this unit passed 20 years is not recommended as cost involved for unplanned interruption in service is not economical. New screw compressors are a quieter running unit much closer to the 80 dB range as required by the city standard and much more efficient than the old piston style which is currently in service. | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | <u>Revenue</u> | | <u>GL Account</u> | | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 | Machinery & Equipment - TCA | 0 | 0 | 0 | 0 | 0 | 0 | 25,000 | 25,000 |
| 2019 | 0 | 0 | 0 | <hr/> | | | | | | | | | |
| 2020 | 0 | 0 | 0 | Total | | 0 | 0 | 0 | 0 | 0 | 0 | 25,000 | 25,000 |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 25,000 | 25,000 |
| 2023 | 0 | 0 | 0 | <hr/> | | | | | | | | | |
| 2024+ | 25,000 | 25,000 | 0 | Total | | 0 | 0 | 0 | 0 | 0 | 0 | 25,000 | 25,000 |
| | | 25,000 | 0 | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | |
| 2018 | July 1, 2024 | Growth: 0.0 % Maintenance: 0.0 % | | Deputy Fire Chief Andrea DeJong | | | | | 2024+ | | | | |



Project Version Summary

| | | | |
|-----------------------|-----------------------------------|---------------------|------------------------------|
| Project # | FRS-006-18 | Service Area | Office of the City Solicitor |
| Budget Year | 2018 | Department | Fire & Rescue |
| Asset Type | Unassigned | Division | Fire Support Services |
| Title | Hoist Replacement | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|---|-----------------------------|-------------|-------------|-------------|-----------------------------|-------------|-------------|----------------|----------------|
| Project Description | | | | Version Description | | | | | | | | | |
| Fire & Rescue Apparatus Division is requesting funding to replace heavy hydraulic hoist capable of lifting large fire vehicles. Currently, Apparatus division operates with two heavy hydraulic hoists one of which allows for lifting capacity of 80,000 lbs. The second hoist, requiring replacement, is a smaller hoist that has total lifting capacity of 50,000 lbs. This one was originally installed in 1974 and is past its useful life. This smaller hoist is normally used for fire truck vehicles such as pumpers and rescue's but also for special operation vehicles such as hazmat and command units. | | | | The maintenance of this hoist has become extensive and is reaching the point of being non-serviceable due to cylinder scoring and pitting. Rusting of certain panels has made it necessary to cut them out to allow the hoists post to move up and down. Parts are not readily available or have been discontinued requiring fabrication and extra costs to repair. This is creating gaps in service when the hoist is down until parts are found or made. The new hoist today has many added functionalities. For example, a new hoist has multi safety locking elevations creating a more ergonomic friendly position for the mechanic, while the old hoist has one safety lock at its fully extended position. Also the head of the old hoist, the section which makes contact with the truck cannot be adjusted to lift some of our units safely. | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| | | | | Timely replacement of the hoist would facilitate safer and quicker lifting of our units for maintenance and inspection. As stated earlier, this hoist is very quickly becoming unserviceable. | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | <u>Revenue</u> | | <u>GL Account</u> | | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5110 | Machinery & Equipment - TCA | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 250,000 | 250,000 |
| 2020 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 250,000 | 250,000 |
| 2021 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 250,000 | 250,000 |
| 2022 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 250,000 | 250,000 |
| 2023 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 250,000 | 250,000 |
| 2024+ | 250,000 | 250,000 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 250,000 | 250,000 |
| | 250,000 | 250,000 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 250,000 | 250,000 |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | |
| 2018 | July 1, 2024 | Growth: 0.0 % Maintenance: 0.0 % | | Deputy Fire Chief Andrea DeJong | | | | | 2024+ | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|------------------------------|
| Project # | FRS-008-18 | Service Area | Office of the City Solicitor |
| Budget Year | 2018 | Department | Fire & Rescue |
| Asset Type | Unassigned | Division | Fire Support Services |
| Title | WFRS - Development of the Strategic Plan | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Community & Economic Development | | |
| Wards | | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|--|---------------------------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| <p>WFRS is seeking one time funding for the development of a strategic plan. In 2017 Windsor Fire & Rescue Services registered with the Center for Public Safety Excellence (CPSE) as the first step in seeking accreditation. CPSE is an accreditation body for the North American Fire Service. The process involves a self-assessment and peer review that culminates in a presentation to the CPSE board that awards accreditation. All business streams and services provided by a fire service are reviewed by CPSE. An accredited department is deemed to be one that is well managed and operates in accordance to the best practices of the fire service based on the communities' own identity. A strategic plan is required for accreditation. WFRS' current strategic plan ends in 2017. This plan was developed internally and required substantial internal resources to accomplish. Furthermore the plan did not significantly involve external stakeholders.</p> | | | | <p>CPSE is able to develop a custom strategic plan for WFRS that would not only consider input from internal stakeholders but external as well. Additionally the amount of departmental resources required to develop an exhaustive plan internally would not be required. The potential benefits of utilizing CPSE are timely delivery and increased credibility of the product as it will have been developed by a third party with the consideration of all stakeholders. The risk of developing a strategic plan internally is associated with the demand on internal resources. It is likely the project would take longer to complete and staff would be required to reprioritize their work potentially causing the delay of other departmental initiatives and ongoing projects.</p> | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| 7181005 | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 2915 | Consulting Services - External | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 30,000 | 0 | 0 | 30,000 | | |
| 2021 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 30,000 | 0 | 0 | 30,000 | | |
| 2022 | 30,000 | 30,000 | 0 | | 0 | 0 | 0 | 0 | 30,000 | 0 | 0 | 30,000 | | |
| 2023 | 0 | 0 | 0 | Revenues | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | |
| | 30,000 | 30,000 | 0 | | 0 | 0 | 0 | 0 | 30,000 | 0 | 0 | 30,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | |
| 2018 | February 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | | Fire Chief Stephen Laforet/Deputy Fire Chief Andrea DeJong | | | | | 2018 | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|--------------------------------|
| Project # | ENG-005-16 | Service Area | Office of the City Solicitor |
| Budget Year | 2018 | Department | Legal |
| Asset Type | Unassigned | Division | Legal, Real Estate & Risk Mgmt |
| Title | 2437 Howard Ave. Improvements Placeholder | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | Ward 10 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|---|----------------------|---|------------------|--|--|-------------|-------------|-----------------------------|-------------|-------------|----------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | |
| The building at 2437 Howard Avenue, adjacent to the Parks and Facilities office on McDougall, was purchased in 2014 and is currently being used as storage space. The facility includes an existing 2 storey office space that is approximately 11,000 sq. ft. and requires significant renovations to make it useable. Funding is necessary to proceed with capital improvements that would make the office space usable. Improvements would include the installation of City network connection, new partitions, flooring, ceiling, lighting, HVAC distribution, CCTV and security alarm, card access, etc. | | | | Further to Council report (LL#17867; CR#161/2015) approved on August 24th, 2015, the Real Estate Division in conjunction with Facilities Operations, will bring forward a report with recommendations resulting from the study of administrative and operational buildings and space needs with future projections including the market value estimates and the constraints in proceeding with the sale of existing buildings. It is to be noted that there is an immediate need in the adjacent building at 2450 McDougall which houses the Facilities, Parks, Recreation and Administrative staff. These funds, based on an estimate of approximately \$45/sq. ft. for renovations, are sought as a placeholder until such report is presented to Council. | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| 7161039 | | | | Additional fit-up costs for potential move to 2437 Howard Ave. location based on Corporate Space Needs Council report & recommendations. | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | |
| 2019 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 200,000 | 200,000 | |
| 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 200,000 | 200,000 | |
| 2021 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 200,000 | 200,000 | |
| 2022 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 200,000 | 200,000 | |
| 2023 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 200,000 | 200,000 | |
| 2024+ | 200,000 | 200,000 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 200,000 | 200,000 | |
| | 200,000 | 200,000 | 0 | | Total | 0 | 0 | 0 | 0 | 0 | 200,000 | 200,000 | |
| Historical Approved Budget | | | | Revenues | | | | | | | | | |
| | | Revenue | | 169 Pay As You Go - Capital Reserve | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | 0 | 0 | 0 | 0 | 0 | 0 | 200,000 | 200,000 | |
| 2016 | 250,000 | 250,000 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 200,000 | 200,000 | |
| 2017 | 250,000 | 250,000 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 200,000 | 200,000 | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | |
| Precedes | | Project Title | | Effective Date | Description | | | | | | | Exp/(Rev) | FTE Impact |
| HCP-002-07 | | Corporate Facilities Roof Replacement Program | | Unknown | Until the report is finalized and further action on renovations to the building can be initiated, the facility will remain vacant and under utilized and continue to incur operational expenses such as utilities (minimum electrical for security alarm, outside lights). Facility Operations has put forward a request of \$25,000 in the 2016 operating budget to cover these expenses. | | | | | | | 0 | 0 |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | |
| 2016 | January 4, 2016 | Growth: 0.0 % Maintenance: 0.0 % | | Shelby Askin-Hagar | | | | Dec. 2018 | | | | | |



Project Version Summary

| | | | |
|-----------------------|-------------------------------------|---------------------|--------------------------------|
| Project # | LGL-001-17 | Service Area | Office of the City Solicitor |
| Budget Year | 2018 | Department | Legal |
| Asset Type | Unassigned | Division | Legal, Real Estate & Risk Mgmt |
| Title | Former Marlborough Community Centre | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | Ward 2 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|--|--|----------------------------|-------------|-----------------------------|-------------|-------------|-------------|--------------|--------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | | | |
| The building at 3557 Melbourne is the former Marlborough Community Centre, which was constructed in 1968. It is attached to Marlborough School. The GECD SB leased the building from September 1, 2002 – August 31, 2007. The building has been vacant since September 1, 2007. The WECDSB has expressed no interest in acquiring the property, and the City has identified no current municipal use. It is recommended that the building be demolished as there are limited operating funds to maintain the building. The building is not in move in condition. In the event that the building was to be occupied again, a building condition analysis would have to be prepared in order to determine what repairs would be necessary. | | | | The Real Estate Division will be preparing a report for Council's consideration recommending the demolition of the former Marlborough Community Centre. An estimated demolition cost of \$60,000 is being sought as a placeholder until such report is presented to Council. | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 60,000 | 0 | 0 | 60,000 | | |
| 2020 | 0 | 0 | 0 | | | Total | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 60,000 | 0 | 0 | 60,000 | | |
| 2022 | 60,000 | 60,000 | 0 | Revenues | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 160 Capital Expenditure Reserve | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 60,000 | 0 | 0 | 60,000 | | |
| 60,000 | | 60,000 | 0 | Total | | | | | | | | | | | |
| | | | | | | 0 | 0 | 0 | 0 | 60,000 | 0 | 0 | 60,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| Related Projects | | | | Effective Date | | Description | | | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | | No Operating Budget Impact | | | | | | | | 0 | 0 |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2017 | January 1, 2022 | Growth: 0.0 % Maintenance: 0.0 % | | Frank Scarfone | | | | December 31, 2022 | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|-----------------------------------|---------------------|--------------------------------|
| Project # | LGL-001-18 | Service Area | Office of the City Solicitor |
| Budget Year | 2018 | Department | Legal |
| Asset Type | Unassigned | Division | Legal, Real Estate & Risk Mgmt |
| Title | Corporate Space Needs | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | |
|---|----------------------|----------------------------------|------------------|---|------------------------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | |
| <p>The Corporation has undertaken an internal Corporate Space Needs study to identify all non-campus "downtown" space utilized (owned or leased); gather information about the service(s) provided in these spaces and identify the current and future space needs of these non-campus spaces. The aim of the project was to ensure that we are making the best use of space and locating staff in the best possible places. Movement of staff in several areas of the Corporation has been identified.</p> <p>These movements will 1) improve the current and future use of Corporate space; and 2) address identified adjacencies and 3) create synergistic mini-campuses. The funds will be used to renovate the spaces and to facilitate the moves. (Note: Project ENG-005-016 2437 "Howard Ave. Improvements Placeholder" addresses the space needs requirements specific to that location.)</p> | | | | <p>These funds of \$500,000 are sought as a placeholder until a more detailed report is presented to Council.</p> | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 500,000 | 500,000 | | |
| 2021 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 500,000 | 500,000 | | |
| 2022 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 500,000 | 500,000 | | |
| 2023 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 500,000 | 500,000 | | |
| 2024+ | 500,000 | 500,000 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 500,000 | 500,000 | | |
| | 500,000 | 500,000 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 500,000 | 500,000 | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | |
| 2018 | January 1, 2024 | Growth: 0.0 % Maintenance: 0.0 % | | Shelby Askin-Hager | | | | | 2024+ | | | | | |



Project Version Summary

| | | | |
|-----------------------|--------------------------------------|---------------------|--------------------------------|
| Project # | LGL-002-17 | Service Area | Office of the City Solicitor |
| Budget Year | 2018 | Department | Legal |
| Asset Type | Unassigned | Division | Legal, Real Estate & Risk Mgmt |
| Title | Demolition of Transitional Buildings | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Corporate Property Infrastructure | | |
| Wards | City Wide | | |
| Version Name | 2017 (Active) | | |

| Project Description | | Part of the Transitional Buildings portfolio includes properties that have been vested to the City that had not sold at the various property tax sales. Some of these properties are unfit to occupy or in such a poor state that the cost to repair would exceed the market value of the property as improved. There are several properties eligible for vesting in 2017, 2018 and 2019 that likely will need to be demolished. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|----------------------------|--|---------------------|-----------------------------|-------------|-----------|------------|---------|----------------------------|---------------|-----------|-------|-----------------|---|---|------|---|---|---|------|---|-----------------------------------|---|------|---|---|---|------|---------|---------|-------|------|---|---|---|-------|---------|---------|---------|-----------------|----------------|----------------|----------|--|--|--|--|--|-------------------------------------|---|---|---|---|---|---|---------|---------|-------|---|---|---|---|---|---|---------|---------|
| Project Comments/Reference | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2019</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2020</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2021</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2022</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2024+</td><td>300,000</td><td>300,000</td><td>0</td></tr> <tr><td></td><td>300,000</td><td>300,000</td><td>0</td></tr> </tbody> </table> | | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2018 | 0 | 0 | 0 | 2019 | 0 | 0 | 0 | 2020 | 0 | 0 | 0 | 2021 | 0 | 0 | 0 | 2022 | 0 | 0 | 0 | 2023 | 0 | 0 | 0 | 2024+ | 300,000 | 300,000 | 0 | | 300,000 | 300,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 300,000 | 300,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 300,000 | 300,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Version Description | | The Real Estate Division will be bringing forward reports for the demolition of various transitional properties currently under the Transitional Buildings portfolio and those properties that are proposed to be vested in 2017 and 2018 that need to be demolished. A placeholder of \$100,000 per year for 2017, 2018 and 2019 is being requested but cannot be accommodated due to limited funding. Administration may propose to fund the demolition costs from the eventual sale of those properties. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Version Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Detailed Forecast | | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>300,000</td> <td>300,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>300,000</td> <td>300,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>300,000</td> <td>300,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>300,000</td> <td>300,000</td> </tr> </tbody> </table> | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5410 Construction Contracts - TCA | 0 | 0 | 0 | 0 | 0 | 0 | 300,000 | 300,000 | Total | 0 | 0 | 0 | 0 | 0 | 0 | 300,000 | 300,000 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 300,000 | 300,000 | Total | 0 | 0 | 0 | 0 | 0 | 0 | 300,000 | 300,000 |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5410 Construction Contracts - TCA | 0 | 0 | 0 | 0 | 0 | 0 | 300,000 | 300,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 300,000 | 300,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | 0 | 0 | 0 | 0 | 0 | 0 | 300,000 | 300,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 300,000 | 300,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Operating Budget Impact | | <table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>No Operating Budget Impact</td> <td>0</td> <td>0</td> </tr> </tbody> </table> | | Effective Date | Description | Exp/(Rev) | FTE Impact | Unknown | No Operating Budget Impact | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unknown | No Operating Budget Impact | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2017 | January 1, 2024 | Growth: 0.0 % Maintenance: 0.0 % | Frank Scarfone | December 31, 2024 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|--------------------------------|
| Project # | LGL-003-17 | Service Area | Office of the City Solicitor |
| Budget Year | 2018 | Department | Legal |
| Asset Type | Unassigned | Division | Legal, Real Estate & Risk Mgmt |
| Title | Confidential Property Related Matters - In-Camera Items | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Community & Economic Development | | |
| Wards | Ward 3 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|--|----------------------|------------------------------------|------------------|---|--|----------------------------|-------------|-----------------------------|-------------|------------------|-------------|-------------------|--------------|
| Project Description | | | | Version Description | | | | | | | | | |
| There are three In-camera items to be addressed: 1. \$1,500,000 - Report dated April 25, 2016, CR283/2016 (2020 - \$1m and 2021 - \$500k) 2. \$3,000,000 - Report dated April 25, 2016 approved via In-camera report on March 31, 2017 (2018 - \$1m and 2020 - \$2m) 3. \$1,000,000 - Report dated February 22, 2016*, CR99/2016 (2020) 4. \$200,000 - Property settlement | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| #1 - New project id to be established for \$1.5m (pre-commitment of \$1m in 2020 and \$500k in 2021). #2 - New project id to be established for \$3m (\$1m to 7181020 in 2018 and another \$2m as pre-commitment to 2020) #3 - \$850k to 7995537 pre-commitment to 2020. | | | | Amounts in 2018 (\$1m), in 2020 (\$3.85m) and in 2021 (\$500k) are first charges to the 2018 Capital Budget plan. | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 1,000,000 | 1,000,000 | 0 | 2920 Legal Services | | | | | | | | | |
| 2019 | 100,000 | 100,000 | 0 | | | 1,000,000 | 100,000 | 3,950,000 | 500,000 | 0 | 0 | 0 | 5,550,000 |
| 2020 | 3,950,000 | 3,950,000 | 0 | | | <hr/> | | | | | | | |
| 2021 | 500,000 | 500,000 | 0 | | | Total | 1,000,000 | 100,000 | 3,950,000 | 500,000 | 0 | 0 | 5,550,000 |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | 1,000,000 | 100,000 | 3,950,000 | 500,000 | 0 | 0 | 0 | 5,550,000 |
| | 5,550,000 | 5,550,000 | 0 | | | <hr/> | | | | | | | |
| | | | | | | Total | 1,000,000 | 100,000 | 3,950,000 | 500,000 | 0 | 0 | 5,550,000 |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| Related Projects | | | | Effective Date | | Description | | | | Exp/(Rev) | | FTE Impact | |
| | | | | Unknown | | No Operating Budget Impact | | | | 0 | | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | |
| 2017 | January 1, 2017 | Growth: 0.0 % Maintenance: 100.0 % | | Frank Scarfone | | | | December 31, 2021 | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|--------------------------------------|
| Project # | PBG-003-18 | Service Area | Office of the City Solicitor |
| Budget Year | 2018 | Department | Planning & Building |
| Asset Type | Unassigned | Division | Administration - Planning & Building |
| Title | Annexed Lands Growth/Development - Storm Water Charge Study | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Community & Economic Development | | |
| Wards | Ward 9 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | | |
|---|----------------------|------------------------------------|---------------------|---|---------------------------------|-------------|-----------------------------|-------------|-------------|-------------|--------------|--------------|---------|--|--|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | | |
| Work/studies surrounding the growth and development of the annexed lands along with a study on the storm water levy review. | | | | <ul style="list-style-type: none"> - Immediate review of Development Charges for the East Pelton area - Growth Management study to explore land use and development of the annexed lands - Related studies for infrastructure and transportation needs - Further Dev. Chg. review of the current charges once all studies are complete in order for development of future charges/funding models related to the annexed lands | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | |
| 7181013 | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | | | | | | | |
| 2018 | 150,000 | 150,000 | 0 | Expenses | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 150,000 | 0 | 0 | 0 | 670,000 | 0 | 0 | 820,000 | | | | | | | | |
| 2021 | 0 | 0 | 0 | | Total | 150,000 | 0 | 0 | 0 | 670,000 | 0 | 0 | 820,000 | | | | | | | |
| 2022 | 670,000 | 670,000 | 0 | Revenues | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 153 | Sewer Surcharge | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 150,000 | 0 | 0 | 0 | 0 | 0 | 0 | 150,000 | | | | | | | | |
| | <u>820,000</u> | <u>820,000</u> | <u>0</u> | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | |
| | | | | | 0 | 0 | 0 | 0 | 670,000 | 0 | 0 | 670,000 | | | | | | | | |
| | | | | Total | 150,000 | 0 | 0 | 0 | 670,000 | 0 | 0 | 820,000 | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | Est. Completion Date | | | | | | | | | | | | | |
| 2018 | May 1, 2018 | Growth: 100.0 % Maintenance: 0.0 % | Thom Hunt | | | | TBD | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|-------------------------------------|---------------------|------------------------------|
| Project # | PBG-001-14 | Service Area | Office of the City Solicitor |
| Budget Year | 2018 | Department | Planning & Building |
| Asset Type | Unassigned | Division | Development |
| Title | Alley Closing Subsidy Pilot Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Roads | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| Project Description | | As per the 2014 Enhanced Capital Plan, Council approved in principle funds from the 2018 Debt Reduction Levy for the closing of alleys within the City. | | Version Description | | As per CR88/2014, Report #17038, Council formerly approved \$790,000 for the proceeding with the Alley Closing Subsidy Pilot Program as per the 2014 enhanced plan to be funded in 2018. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|-------------------|---|---------------------|--------------------------------|------|--|-------|---------|---------------|---------------|-----------|------|---------|---------|---|------|---|---|---|------|---|---|---|------|---|---|---|------|---|---|---|------|---|---|---|-------|---|---|---|--|----------------|----------------|----------|----------------------------------|--|--|--|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-----------------------------------|--|--|--|--|--|--|--|--|--|---------|---|---|---|---|---|---|---------|-------|---------|---|---|---|---|---|---|---------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|--|--|--|--|--|--|--|--|--|---------|---|---|---|---|---|---|---------|-------|---------|---|---|---|---|---|---|---------|
| Project Comments/Reference | | 7145002 | | Version Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>790,000</td><td>790,000</td><td>0</td></tr> <tr><td>2019</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2020</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2021</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2022</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2024+</td><td>0</td><td>0</td><td>0</td></tr> <tr><td></td><td>790,000</td><td>790,000</td><td>0</td></tr> </tbody> </table> | | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2018 | 790,000 | 790,000 | 0 | 2019 | 0 | 0 | 0 | 2020 | 0 | 0 | 0 | 2021 | 0 | 0 | 0 | 2022 | 0 | 0 | 0 | 2023 | 0 | 0 | 0 | 2024+ | 0 | 0 | 0 | | 790,000 | 790,000 | 0 | Project Detailed Forecast | | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>790,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>790,000</td> </tr> <tr> <td>Total</td> <td>790,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>790,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>790,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>790,000</td> </tr> <tr> <td>Total</td> <td>790,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>790,000</td> </tr> </tbody> </table> | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5410 Construction Contracts - TCA | | | | | | | | | | 790,000 | 0 | 0 | 0 | 0 | 0 | 0 | 790,000 | Total | 790,000 | 0 | 0 | 0 | 0 | 0 | 0 | 790,000 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | | | | | | | | | | 790,000 | 0 | 0 | 0 | 0 | 0 | 0 | 790,000 | Total | 790,000 | 0 | 0 | 0 | 0 | 0 | 0 | 790,000 |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 790,000 | 790,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 790,000 | 790,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 790,000 | 0 | 0 | 0 | 0 | 0 | 0 | 790,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 790,000 | 0 | 0 | 0 | 0 | 0 | 0 | 790,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 790,000 | 0 | 0 | 0 | 0 | 0 | 0 | 790,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 790,000 | 0 | 0 | 0 | 0 | 0 | 0 | 790,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Effective Date | | Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Unknown | | No Operating budget Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Exp/(Rev) | | FTE Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 0 | | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2014 | January 2, 2014 | Growth: 0.0 % Maintenance: 100.0 % | Thom Hunt | 2018 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Project Version Summary

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|-----------------------|----------------------------------|---------------------|------------------------------|
| Project # | PBG-001-18 | Service Area | Office of the City Solicitor |
| Budget Year | 2018 | Department | Planning & Building |
| Asset Type | Unassigned | Division | Policy & Design |
| Title | Official Plan Review | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Community & Economic Development | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

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|--|----------------------|----------------------------------|------------------|-------------------------------------|--|-------------|-------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|
| Project Description | | | | Version Description | | | | | | | | | |
| Funding will be required to conduct the next review of the city's Official Plan. The review is a requirement of the Ontario Planning Act and provides the opportunity for a comprehensive updating of the plans policies and schedules. The review is prescribed to ensure consistency with the Provincial Policy Statement and to also recognize local economic conditions and land use requirements. | | | | Official Plan Review | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | |
| NEW | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 2950 Other Prof Services-External | | | | | | | | 800,000 | 800,000 |
| 2019 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 800,000 | 800,000 |
| 2020 | 0 | 0 | 0 | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | |
| 2024+ | 800,000 | 800,000 | 0 | 169 Pay As You Go - Capital Reserve | | 0 | 0 | 0 | 0 | 0 | 0 | 800,000 | 800,000 |
| | 800,000 | 800,000 | 0 | | | | | | | | | 800,000 | 800,000 |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | |
| | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | |
| 2018 | January 1, 2024 | Growth: 0.0 % Maintenance: 0.0 % | | Michael Cooke | | | | | 2024+ | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|------------------------------|
| Project # | PBG-002-14 | Service Area | Office of the City Solicitor |
| Budget Year | 2018 | Department | Planning & Building |
| Asset Type | Unassigned | Division | Policy & Design |
| Title | Served Employment Lands/Shovel Ready Sites Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Community & Economic Development | | |
| Wards | Ward 9 | | |
| Version Name | Main (Active) | | |

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|--|----------------------|----------------------------------|---------------------|--|---------------------------------|-------------|-----------------------------|-------------|-------------|-------------|------------------|-------------------|--|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | |
| Cost of preparing a reference plan for an area identified on airport lands and required studies under the Provincial Investment Ready: Certified Sites Program. The Program is a province-wide investment attraction program, the purpose of which is to promote an inventory of sites that meet a set of minimum requirements. 50% of the costs associated with preparing the required material are eligible for reimbursement from the Province up to a maximum of \$25,000. The Airport has agreed to fund 50% of the cost from the Commercial Feasibility capital project id 7091022) subject to the Airport's Board approval. | | | | In the event that the City adds the area east of the Cargo Hub as a second certified site, enlarges the current proposed certified site west of the Cargo Hub or adds the area along County Rd. 42 , then more funds would be required. It is estimated that an additional \$50,000 would be adequate. | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | |
| 7151019 | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | |
| | | <u>Revenue</u> | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | <u>GL Account</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> | <u>2023</u> | <u>2024+</u> | <u>Total</u> | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 2916 | INTERNAL Services- non-salary | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | 0 | 0 | 0 | 50,000 | 0 | 0 | 0 | 50,000 | | | | | | |
| 2021 | 50,000 | 50,000 | 0 | Total | 0 | 0 | 0 | 50,000 | 0 | 0 | 0 | 50,000 | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 0 | 0 | 50,000 | 0 | 0 | 0 | 50,000 | | | | | | |
| | <u>50,000</u> | <u>50,000</u> | <u>0</u> | Total | 0 | 0 | 0 | 50,000 | 0 | 0 | 0 | 50,000 | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | |
| <u>Year</u> | <u>Total Expense</u> | <u>Net City Cost</u> | <u>Subsidies</u> | | | | | | | | | | | | | | | |
| 2015 | 50,000 | 0 | 50,000 | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | |
| | | | | <u>Effective Date</u> | <u>Description</u> | | | | | | <u>Exp/(Rev)</u> | <u>FTE Impact</u> | | | | | | |
| | | | | Unknown | No Operating Budget Impact | | | | | | 0 | 0 | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | Est. Completion Date | | | | | | | | | | | |
| 2014 | January 1, 2015 | Growth: 0.0 % Maintenance: 0.0 % | Greg Atkinson | | | | 2021 | | | | | | | | | | | |



Project Version Summary

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|-----------------------|----------------------------------|---------------------|------------------------------|
| Project # | PBG-002-18 | Service Area | Office of the City Solicitor |
| Budget Year | 2018 | Department | Planning & Building |
| Asset Type | Unassigned | Division | Policy & Design |
| Title | Comprehensive Zoning B-Law | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Community & Economic Development | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

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|--|----------------------|----------------------------------|------------------|---|-------------|-------------|-------------|-------------|-----------------------------|-------------|--------------|--------------|--|--|--|--|--|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | |
| The Official Plan provides guidance for the physical development of the City of Windsor over a 20-year period. The policies of the plan are intended to ensure that efficient land use and development patterns support sustainability by promoting strong, liveable, healthy and resilient communities, protecting the environment and public health and safety, and facilitating economic growth. Under the provisions of the Planning Act, official plans are required to be reviewed at least once every ten years. This review ensures the plan remains relevant to the changing circumstances within Windsor and to current provincial legislation and policy. It is proposed that this review will be consultant led. | | | | Comprehensive Zoning By-Law | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | |
| 7092002 | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 2950 Other Prof Services-External | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | 0 0 0 0 250,000 0 450,000 700,000 | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | Total 0 0 0 0 250,000 0 450,000 700,000 | | | | | | | | | | | | | | | |
| 2022 | 250,000 | 250,000 | 0 | Revenues | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | |
| 2024+ | 450,000 | 450,000 | 0 | 0 0 0 0 250,000 0 450,000 700,000 | | | | | | | | | | | | | | | |
| | 700,000 | 700,000 | 0 | Total 0 0 0 0 250,000 0 450,000 700,000 | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | | | |
| 2018 | January 1, 2022 | Growth: 0.0 % Maintenance: 0.0 % | | Michael Cooke | | | | | Ongoing | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|------------------------------|
| Project # | PLN-007-07 | Service Area | Office of the City Solicitor |
| Budget Year | 2018 | Department | Planning & Building |
| Asset Type | Unassigned | Division | Policy & Design |
| Title | Growth Management Plan Review and Implementation | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Community & Economic Development | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

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|---|----------------------|----------------------------------|---|----------------------------|---------------------------------|-------------|-----------------------------|-------------|-------------|------------------|-------------------|--------------|
| Project Description | | | Version Description | | | | | | | | | |
| <p>In accordance with the Environmental Master Plan , Corporate Climate Action Plan and the Windsor Community Energy Plan , City Planning staff will lead a multi-departmental/agency process to produce this plan integrating land use, services, active transportation and open space.</p> <p>The plan will include strategies to increase sustainability by facilitating developments with a high environmental benefit with examples that include reducing the negative effects of climate change</p> | | | <p>2019: Review opportunities for improvement to quality of life and environmental sustainability (consultant to be hired to identify best practices and conduct needed research including public surveys - \$100,000 2024+: Develop policy and implement recommendations from consultant's research and report - \$100,000</p> | | | | | | | | | |
| Project Comments/Reference | | | Version Comments | | | | | | | | | |
| Project Forecast | | | Project Detailed Forecast | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | |
| 2019 | 100,000 | 100,000 | 0 | | 0 | 100,000 | 0 | 0 | 0 | 0 | 100,000 | 200,000 |
| 2020 | 0 | 0 | 0 | Total | 0 | 100,000 | 0 | 0 | 0 | 0 | 100,000 | 200,000 |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | |
| 2023 | 0 | 0 | 0 | | 0 | 100,000 | 0 | 0 | 0 | 0 | 100,000 | 200,000 |
| 2024+ | 100,000 | 100,000 | 0 | Total | 0 | 100,000 | 0 | 0 | 0 | 0 | 100,000 | 200,000 |
| | 200,000 | 200,000 | 0 | | | | | | | | | |
| Historical Approved Budget | | | Operating Budget Impact | | | | | | | | | |
| Related Projects | | | Effective Date | Description | | | | | | Exp/(Rev) | FTE Impact | |
| | | | Unknown | No Operating Budget Impact | | | | | 0 | 0 | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | Est. Completion Date | | | | | |
| 2007 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | Michael Cooke | | | | 2024+ | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|------------------------------|
| Project # | PLN-008-07 | Service Area | Office of the City Solicitor |
| Budget Year | 2018 | Department | Planning & Building |
| Asset Type | Unassigned | Division | Policy & Design |
| Title | "Green Windsor" Protection and Funding Strategy | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Community & Economic Development | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

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|---|----------------------|----------------------------------|------------------|---|--|----------------------------|-------------|-----------------------------|-------------|-------------|-------------|------------------|--------------|-------------------|--|
| Project Description | | | | Version Description | | | | | | | | | | | |
| As part of implementing the Green Windsor strategy of the Environmental Master Plan and Official Plan, City Planning staff will develop with regional partners a strategy to assemble green system components. The project will focus on the creation of a connected linear park system in adherence with the 2016 Parks Master Plan to meet rising public demand for healthy recreational opportunities while offering the added benefit of increasing property assessment values.. Further more, these linear parks can incorporate new storm water management facilities and active transportation opportunities that together may reduce the negative impacts of climate change and also help to alleviate basement flooding. Cost sharing with regional partners will be required. | | | | As part of implementing the Green Windsor strategy of the Environmental Master Plan and Official Plan, City Planning staff will develop with regional partners a strategy to assemble green system components. The project will focus on the creation of a connected linear park system in adherence with the 2016 Parks Master Plan to meet rising public demand for healthy recreational opportunities while offering the added benefit of increasing property assessment values. Furthermore, these linear parks can incorporate new storm water management facilities and active transportation opportunities that together may reduce the negative impacts of climate change and also help to alleviate basement flooding. Cost sharing with regional partners and senior levels of government will be utilized. Project is being deferred until 2019+. | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | 0 | 80,000 | 0 | 0 | 0 | 0 | 100,000 | 180,000 | | |
| 2019 | 80,000 | 80,000 | 0 | Total | | 0 | 80,000 | 0 | 0 | 0 | 0 | 100,000 | 180,000 | | |
| 2020 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | 0 | 80,000 | 0 | 0 | 0 | 0 | 100,000 | 180,000 | | |
| 2022 | 0 | 0 | 0 | Total | | 0 | 80,000 | 0 | 0 | 0 | 0 | 100,000 | 180,000 | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | |
| 2024+ | 100,000 | 100,000 | 0 | | | | | | | | | | | | |
| 180,000 | | 180,000 | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | |
| Related Projects | | | | Effective Date | | Description | | | | | | Exp/(Rev) | | FTE Impact | |
| | | | | Unknown | | No Operating Budget Impact | | | | | | 0 | | 0 | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2007 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | | Michael Cooke | | | | 2019 and Beyond | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|------------------------------|
| Project # | PLN-010-07 | Service Area | Office of the City Solicitor |
| Budget Year | 2018 | Department | Planning & Building |
| Asset Type | Unassigned | Division | Policy & Design |
| Title | Heritage Preservation Study and Identification of Incentives | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Community & Economic Development | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| Project Description | | | | Version Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------------------------|----------------------------------|------------|--|------|------|---------------|---------|-----------------------------|------|---|------|---|----------------|-------------|-----------|------------|---------|----------------------------|-------|-------|-------|-----------------|--|--|--|--|---------|--|------|---------------|------|------------------------------|--|--|---------|--|---------------|-----------|---|---|---|---|---|---------|---|---|---|---------|-------|---|---|---|----------------|----------|---|---|---------|-----------------|--|--|--|--|--|--|--|--|-----|---------------------------------|--|--|--|--|--|--|--|--|---|---|---|---------|---|---|---|---------|------|--------------------------------|--|--|--|--|--|--|--|--|---|---|---|---|---|---|---|---|-------|---|---|---|---------|---|---|---|---------|
| Planning staff will work with a consultant in the preparation of a study that analyzes best practices/opportunities/implications and recommends how the City can best assist the owners of properties designated under the Ontario Heritage Act to preserve them, followed by a forecast for funding any incentives approved by City Council. The study will also evaluate options regarding the reuse of vacant and/or underutilized heritage properties' | | | | 2021: Recommend implementation of incentives to support tax rebates for heritage properties. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7141014 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | <table border="1"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>2950</td> <td colspan="8">Other Prof Services-External</td> </tr> <tr> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>435,000</td> <td>0</td> <td>0</td> <td>0</td> <td>435,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>435,000</td> <td>0</td> <td>0</td> <td>0</td> <td>435,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169</td> <td colspan="8">Pay As You Go - Capital Reserve</td> </tr> <tr> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>435,000</td> <td>0</td> <td>0</td> <td>0</td> <td>435,000</td> </tr> <tr> <td>7052</td> <td colspan="8">TRANSFER From Capital Projects</td> </tr> <tr> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>0</td> <td>435,000</td> <td>0</td> <td>0</td> <td>0</td> <td>435,000</td> </tr> </tbody> </table> | | | | | | | | | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 2950 | Other Prof Services-External | | | | | | | | | 0 | 0 | 0 | 435,000 | 0 | 0 | 0 | 435,000 | Total | 0 | 0 | 0 | 435,000 | 0 | 0 | 0 | 435,000 | Revenues | | | | | | | | | 169 | Pay As You Go - Capital Reserve | | | | | | | | | 0 | 0 | 0 | 435,000 | 0 | 0 | 0 | 435,000 | 7052 | TRANSFER From Capital Projects | | | | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Total | 0 | 0 | 0 | 435,000 | 0 | 0 | 0 | 435,000 |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2950 | Other Prof Services-External | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 0 | 435,000 | 0 | 0 | 0 | 435,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 435,000 | 0 | 0 | 0 | 435,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 | Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 0 | 435,000 | 0 | 0 | 0 | 435,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7052 | TRANSFER From Capital Projects | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 0 | 0 | 435,000 | 0 | 0 | 0 | 435,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> </tr> </thead> <tbody> <tr> <td>2018</td> <td>0</td> </tr> <tr> <td>2019</td> <td>0</td> </tr> <tr> <td>2020</td> <td>0</td> </tr> <tr> <td>2021</td> <td>435,000</td> </tr> <tr> <td>2022</td> <td>0</td> </tr> <tr> <td>2023</td> <td>0</td> </tr> <tr> <td>2024+</td> <td>0</td> </tr> <tr> <td></td> <td>435,000</td> </tr> </tbody> </table> | | | | Revenue | | Year | Total Expense | 2018 | 0 | 2019 | 0 | 2020 | 0 | 2021 | 435,000 | 2022 | 0 | 2023 | 0 | 2024+ | 0 | | 435,000 | <table border="1"> <thead> <tr> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> </tr> </thead> <tbody> <tr> <td>2014</td> <td>50,000</td> </tr> </tbody> </table> | | | | Revenue | | Year | Total Expense | 2014 | 50,000 | <table border="1"> <thead> <tr> <th colspan="2">Revenue</th> </tr> <tr> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0</td> </tr> <tr> <td>0</td> <td>0</td> </tr> <tr> <td>0</td> <td>0</td> </tr> <tr> <td>0</td> <td>0</td> </tr> <tr> <td>0</td> <td>0</td> </tr> <tr> <td>0</td> <td>0</td> </tr> <tr> <td>0</td> <td>0</td> </tr> <tr> <td>435,000</td> <td>0</td> </tr> </tbody> </table> | | Revenue | | Net City Cost | Subsidies | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 435,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 435,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 435,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2014 | 50,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 435,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | <table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>No Operating Budget Impact</td> <td>0</td> <td>0</td> </tr> </tbody> </table> | | | | | | | | | | Effective Date | Description | Exp/(Rev) | FTE Impact | Unknown | No Operating Budget Impact | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unknown | No Operating Budget Impact | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2007 | January 1, 2021 | Growth: 0.0 % Maintenance: 0.0 % | | Michael Cooke | | | | | 2021 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|------------------------------|
| Project # | PLN-017-07 | Service Area | Office of the City Solicitor |
| Budget Year | 2018 | Department | Planning & Building |
| Asset Type | Unassigned | Division | Policy & Design |
| Title | Business Improvement Area Assistance Program | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Community & Economic Development | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | |
|---|----------------------|------------------------------------|------------------|---|--|----------------------------|-------------|-----------------------------|-------------|-------------|-------------|--------------|--------------|------------------|-------------------|
| Project Description | | | | Version Description | | | | | | | | | | | |
| The City's traditional annual budget allocation for the 9 BIAs has been for cost-sharing ad-hoc beautification initiatives. Disbursements from this project now are mainly for new Capital Asset requests from BIAs. This project also supports annual programs previously approved by Council. | | | | To ensure support of local development in all 9 BIA's. | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | |
| 7069002 | | | | Community Improvement Plans are currently being prepared for a facade improvement program and are also expected to use the budgeted funds in 2017 onward. | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | |
| | | Revenue | | GL Account | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | | | |
| 2018 | 150,000 | 150,000 | 0 | 2950 Other Prof Services-External | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | | | 150,000 | 0 | 150,000 | 0 | 0 | 0 | 0 | 300,000 | | |
| 2020 | 150,000 | 150,000 | 0 | Total | | 150,000 | 0 | 150,000 | 0 | 0 | 0 | 0 | 300,000 | | |
| 2021 | 0 | 0 | 0 | Revenues | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | 150,000 | 0 | 150,000 | 0 | 0 | 0 | 0 | 300,000 | | |
| 2024+ | 0 | 0 | 0 | Total | | 150,000 | 0 | 150,000 | 0 | 0 | 0 | 0 | 300,000 | | |
| | 300,000 | 300,000 | 0 | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | |
| 2007 | 175,000 | 175,000 | 0 | | | | | | | | | | | | |
| 2008 | 100,000 | 100,000 | 0 | | | | | | | | | | | | |
| 2009 | 150,000 | 150,000 | 0 | | | | | | | | | | | | |
| 2010 | 150,000 | 150,000 | 0 | | | | | | | | | | | | |
| 2011 | 200,000 | 200,000 | 0 | | | | | | | | | | | | |
| 2014 | 100,000 | 100,000 | 0 | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | | | Exp/(Rev) | FTE Impact |
| | | | | Unknown | | No Operating Budget Impact | | | | | | | | 0 | 0 |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | |
| 2007 | January 1, 2018 | Growth: 24.7 % Maintenance: 75.3 % | | Michael Cooke | | | | Ongoing | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|------------------------------|
| Project # | ECB-042-18 | Service Area | Office of the City Solicitor |
| Budget Year | 2018 | Department | Planning & Building |
| Asset Type | Unassigned | Division | Urban Design |
| Title | Theme Districting - Downtown, Sandwich, Walkerville, Riverside, Ford City, Asian Town | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Community & Economic Development | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|---|-------------------|---------------------------------|-------------|-----------------------------|-------------|-------------|-------------|--------------|--------------|-----------|
| Project Description | | | Version Description | | | | | | | | | | |
| On Tues. Jan. 16th, 2018, City Council approved the 2018 Enhanced Capital Budget Plan for a number of specific projects in the form of placeholder allocations subject to detailed reports to be prepared for Council's consideration. | | | Phase 1 - theme districting is intended to re-shape the public realm at key destination points in the City in order to maximize shared community values. Theme districting will pay particular attention to the physical, cultural and social identities that define a place and support its ongoing evolution. The phased project will identify the different districts within the City and provide physical improvements and theme elements that will make the area a more enjoyable place to live, work or visit thereby creating a destination environment that is inviting and authentic. Theme districting will include significant consultations with the surrounding neighbourhoods and area merchants as to capitalize on local ideas, inspirations and potential that will result in the creation of unique public realm spaces. The first phase will involve theming surrounding the Walkerville Distillery District. Public consultations will be initiated in the Spring of 2018 for determination as to which elements shall be included with implementation to follow - \$1,405,000. Phase 2 - Proceeding with further theming in the remaining districts. At this time, prioritization of theming installation for districts has not been defined. Public consultations for the next theme district will be initiated in late 2018 for determination as to which elements shall be included with implementation to follow - \$3,595,000. | | | | | | | | | | |
| Project Comments/Reference | | | Version Comments | | | | | | | | | | |
| 7186001 | | | | | | | | | | | | | |
| Project Forecast | | | Project Detailed Forecast | | | | | | | | | | |
| | | Revenue | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | |
| Year | Total Expense | Net City Cost | Subsidies | Expenses | | | | | | | | | |
| 2018 | 0 | 0 | 0 | 5410 | Construction Contracts - TCA | | | | | | | | |
| 2019 | 175,000 | 175,000 | 0 | | 0 | 175,000 | 234,000 | 696,000 | 300,000 | 3,595,000 | 0 | 5,000,000 | |
| 2020 | 234,000 | 234,000 | 0 | | <hr/> | | | | | | | | |
| 2021 | 696,000 | 696,000 | 0 | | Total | 0 | 175,000 | 234,000 | 696,000 | 300,000 | 3,595,000 | 0 | 5,000,000 |
| 2022 | 300,000 | 300,000 | 0 | Revenues | | | | | | | | | |
| 2023 | 3,595,000 | 3,595,000 | 0 | 160 | Capital Expenditure Reserve | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | 0 | 0 | 0 | 500,000 | 0 | 0 | 0 | 500,000 | |
| | 5,000,000 | 5,000,000 | 0 | 169 | Pay As You Go - Capital Reserve | | | | | | | | |
| | | | | | 0 | 175,000 | 234,000 | 196,000 | 300,000 | 3,595,000 | 0 | 4,500,000 | |
| | | | | | <hr/> | | | | | | | | |
| | | | | | Total | 0 | 175,000 | 234,000 | 696,000 | 300,000 | 3,595,000 | 0 | 5,000,000 |
| Historical Approved Budget | | | Operating Budget Impact | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | Project Lead | | | | Est. Completion Date | | | | | | |
| 2018 | March 1, 2018 | Growth: 0.0 % Maintenance: 0.0 % | Don Nantais | | | | TBD | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|------------------------------|
| Project # | PLN-005-07 | Service Area | Office of the City Solicitor |
| Budget Year | 2018 | Department | Planning & Building |
| Asset Type | Unassigned | Division | Urban Design |
| Title | Planning & Building E-Plan & E-Permit Review and Implementation | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Community & Economic Development | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| | |
|---|---|
| Project Description | Version Description |
| Implement an e-plan and e-permit Customer Resource Management System for plan submission, review and approval processes for Planning and Building Services. The implementation of these processes is consistent with and supports many of the recommendations contained in the Planning Business Process Review and specifically the Business Process Improvements related to improved customer service and communication which can be supported by technological change. | <p>2018-2019: Begin implementation of an e-permitting solution to coincide with the opening of the "One Stop" Service desk in the new City Hall. Initial implementation will be to handle Site Plan Control applications and Building Permit applications, the two largest volume activity areas to benefit from the software solution. Then gradually implement other types of applications received by the Department that are value added over the interim.</p> <p>Prepare an RFP for a comprehensive solution for e-permitting including Plan Submission, Permitting, Plan Review, Inspection, and Transaction Software. Conduct a trial (i.e. proof of concept & pilot project) of the proposed solution with the Site Plan Control staff and Building Permits staff.</p> <p>Customer Interface Software (to be determined, based on Hamilton, Mississauga and Markham): \$950,000 Building Permits Solution Development: \$45,000 Bluebeam software (additional 30 licenses): \$3,000 Digitizing existing files, permits and drawings: \$585,000 Computer Equipment (22 Surface Studio Pros): \$147,950 Scanner and software: \$17,190</p> <p>Note: Operational costs may change should the analysis assumptions change.</p> |

| | |
|-----------------------------------|-------------------------|
| Project Comments/Reference | Version Comments |
| 7171028 | |

| Project Forecast | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----------------------------------|------------------|-----------|----------|------------------|---------------|---------------|------------------|------|---------|---------|---|------|--------|--------|---|------|---|---|---|------|---|---|---|------|-----------|-----------|---|------|---|---|---|-------|--------|--------|---|--|------------------|------------------|----------|---|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-----------------------------------|--|--|--|--|--|--|--|--|--|---------|--------|---|---|-----------|---|--------|-----------|--------------|----------------|---------------|----------|----------|------------------|----------|---------------|------------------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|--|--|--|--|--|--|--|--|--|---------|--------|---|---|-----------|---|--------|-----------|--------------|----------------|---------------|----------|----------|------------------|----------|---------------|------------------|
| <table border="1" style="width: 100%;"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>210,000</td><td>210,000</td><td>0</td></tr> <tr><td>2019</td><td>10,000</td><td>10,000</td><td>0</td></tr> <tr><td>2020</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2021</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2022</td><td>1,500,000</td><td>1,500,000</td><td>0</td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2024+</td><td>28,140</td><td>28,140</td><td>0</td></tr> <tr><td></td><td>1,748,140</td><td>1,748,140</td><td>0</td></tr> </tbody> </table> | | | Revenue | | Year | Total Expense | Net City Cost | Subsidies | 2018 | 210,000 | 210,000 | 0 | 2019 | 10,000 | 10,000 | 0 | 2020 | 0 | 0 | 0 | 2021 | 0 | 0 | 0 | 2022 | 1,500,000 | 1,500,000 | 0 | 2023 | 0 | 0 | 0 | 2024+ | 28,140 | 28,140 | 0 | | 1,748,140 | 1,748,140 | 0 | <table border="1" style="width: 100%;"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>210,000</td> <td>10,000</td> <td>0</td> <td>0</td> <td>1,500,000</td> <td>0</td> <td>28,140</td> <td>1,748,140</td> </tr> <tr> <td>Total</td> <td>210,000</td> <td>10,000</td> <td>0</td> <td>0</td> <td>1,500,000</td> <td>0</td> <td>28,140</td> <td>1,748,140</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>210,000</td> <td>10,000</td> <td>0</td> <td>0</td> <td>1,500,000</td> <td>0</td> <td>28,140</td> <td>1,748,140</td> </tr> <tr> <td>Total</td> <td>210,000</td> <td>10,000</td> <td>0</td> <td>0</td> <td>1,500,000</td> <td>0</td> <td>28,140</td> <td>1,748,140</td> </tr> </tbody> </table> | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 5410 Construction Contracts - TCA | | | | | | | | | | 210,000 | 10,000 | 0 | 0 | 1,500,000 | 0 | 28,140 | 1,748,140 | Total | 210,000 | 10,000 | 0 | 0 | 1,500,000 | 0 | 28,140 | 1,748,140 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | | | | | | | | | | 210,000 | 10,000 | 0 | 0 | 1,500,000 | 0 | 28,140 | 1,748,140 | Total | 210,000 | 10,000 | 0 | 0 | 1,500,000 | 0 | 28,140 | 1,748,140 |
| | | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 210,000 | 210,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 10,000 | 10,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 1,500,000 | 1,500,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 28,140 | 28,140 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1,748,140 | 1,748,140 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 210,000 | 10,000 | 0 | 0 | 1,500,000 | 0 | 28,140 | 1,748,140 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 210,000 | 10,000 | 0 | 0 | 1,500,000 | 0 | 28,140 | 1,748,140 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 210,000 | 10,000 | 0 | 0 | 1,500,000 | 0 | 28,140 | 1,748,140 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 210,000 | 10,000 | 0 | 0 | 1,500,000 | 0 | 28,140 | 1,748,140 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Historical Approved Budget | Revenue | | | | | | | | |
|--|----------------|---------------|---------------|-----------|------|--------|--------|---|--|
| <table border="1" style="width: 100%;"> <thead> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr> <td>2017</td> <td>88,000</td> <td>88,000</td> <td>0</td> </tr> </tbody> </table> | Year | Total Expense | Net City Cost | Subsidies | 2017 | 88,000 | 88,000 | 0 | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | |
| 2017 | 88,000 | 88,000 | 0 | | | | | | |

| | |
|-------------------------|--------------------------------|
| Related Projects | Operating Budget Impact |
| | |

| | | | | |
|------------------------|-------------------|------------------------------------|----------------------------|-----------------------------|
| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date |
| 2007 | January 1, 2017 | Growth: 0.0 % Maintenance: 100.0 % | John Revell/Neil Robertson | 2020+ |



Project Version Summary

| | | | |
|-----------------------|--|---------------------|------------------------------|
| Project # | PLN-012-07 | Service Area | Office of the City Solicitor |
| Budget Year | 2018 | Department | Planning & Building |
| Asset Type | Unassigned | Division | Urban Design |
| Title | City Centre Community Development Plan | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Community & Economic Development | | |
| Wards | Ward 3 | | |
| Version Name | Main (Active) | | |

| | | | | | | | | | | | | | | | | | | | | |
|--|----------------------|----------------------------------|------------------|---|-------------|----------------------------|-------------|-----------------------------|-------------|-------------|--------------|--------------|--|--|--|------------------|--|-------------------|--|--|
| Project Description | | | | Version Description | | | | | | | | | | | | | | | | |
| Program's aim is to maximize a positive investment climate for diverse land uses downtown. Project developed and will implement the recommendations included the Downtown Windsor Community Improvement Plan. The Community Improvement Plan offers financial incentives to encourage private sector investment. | | | | This project will conduct the study in accordance with the Terms of Reference that will be presented to Council in response to M70-2011 (completion in 2015). Funding required to implement the comprehensive Downtown Community Improvement Plan, including the following: - Conduct a detailed zoning/regulatory review for downtown - \$50,000 - Prepare urban design guidelines for downtown - \$25,000 - Fund incentives for the Downtown Community Improvement Plan - \$340,000 | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | |
| 7011022 | | | | Note: There are surplus funds currently in project 7011022 - City Centre Community Development Planning of approx. \$724k. | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | |
| | | Revenue | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | |
| 2018 | 0 | 0 | 0 | Expenses | | | | | | | | | | | | | | | | |
| 2019 | 0 | 0 | 0 | 5410 Construction Contracts - TCA | | | | | | | | | | | | | | | | |
| 2020 | 0 | 0 | 0 | 0 0 0 0 0 0 415,000 415,000 | | | | | | | | | | | | | | | | |
| 2021 | 0 | 0 | 0 | Total 0 0 0 0 0 0 415,000 415,000 | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | Revenues | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | 169 Pay As You Go - Capital Reserve | | | | | | | | | | | | | | | | |
| 2024+ | 415,000 | 415,000 | 0 | 0 0 0 0 0 0 415,000 415,000 | | | | | | | | | | | | | | | | |
| | 415,000 | 415,000 | 0 | Total 0 0 0 0 0 0 415,000 415,000 | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | |
| 2009 | 280,000 | 280,000 | 0 | | | | | | | | | | | | | | | | | |
| 2010 | 200,000 | 200,000 | 0 | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | | |
| | | | | Effective Date | | Description | | | | | | | | | | Exp/(Rev) | | FTE Impact | | |
| | | | | Unknown | | No Operating Budget Impact | | | | | | | | | | 0 | | 0 | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | Est. Completion Date | | | | | | | | | | | | |
| 2007 | January 1, 2024 | Growth: 0.0 % Maintenance: 0.0 % | | Neil Robertson | | | | 2024 and Beyond | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|---|---------------------|------------------------------|
| Project # | PLN-018-07 | Service Area | Office of the City Solicitor |
| Budget Year | 2018 | Department | Planning & Building |
| Asset Type | Unassigned | Division | Urban Design |
| Title | Neighbourhood Studies and Design Guidelines | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Community & Economic Development | | |
| Wards | City Wide | | |
| Version Name | Main (Active) | | |

| Project Description | | | | Version Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------------|----------------------------------|----------------|--|---------------|----------|----------|----------------|-----------------------------|------|--------|--------|---|----------------|-------------|-----------|------------|---------|----------------------------|---------|---|------|--------|--------|---|------|---|---|---|------|---|---|---|-------|---|---|---|--------------|----------------|----------------|----------|--|--|--|--|--|--|--|--|--|--|------------|------|------|------|------|------|------|-------|-------|-----------------|--|--|--|--|--|--|--|--|-----------------------------------|---|---------|---------|--------|---|---|---|---------|--------------|----------|----------------|----------------|---------------|----------|----------|----------|----------------|-----------------|--|--|--|--|--|--|--|--|-------------------------------------|---|---------|---------|--------|---|---|---|---------|--------------|----------|----------------|----------------|---------------|----------|----------|----------|----------------|
| Funds to be used to study and implement design standards and physical features/amenities that contribute to a higher quality of life in local neighbourhoods. Past funding has been used to complete the Site Plan Review Manual, then to fund production of Riverside Drive Vista Improvement Streetscape guidelines per CR364/2009. Complementary to the Site Plan Review Manual, the preparation of development guidelines for different areas of the City began in 2015. | | | | <ol style="list-style-type: none"> 1) Develop the Ford City CIP 2) Prepare Design Guidelines for Infill Development 3) Develop & adopt the Site Plan Review Manual 4) Prepare Community Improvement Plans for targeted neighbourhoods 5) Comprehensive Sign Bylaw Review 6) Develop & adopt Design Guidelines & Standards for Civic Ways & Theme Streets 7) Develop City of Windsor Urban Design Manual 8) Prepare targeted area Design Guidelines | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Comments/Reference | | | | Version Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7045003 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Forecast | | | | Project Detailed Forecast | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Year</th> <th rowspan="2">Total Expense</th> <th colspan="2">Revenue</th> </tr> <tr> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2018</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2019</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2020</td><td>100,000</td><td>100,000</td><td>0</td></tr> <tr><td>2021</td><td>25,000</td><td>25,000</td><td>0</td></tr> <tr><td>2022</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2023</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>2024+</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>Total</td><td>225,000</td><td>225,000</td><td>0</td></tr> </tbody> </table> | | | | Year | Total Expense | Revenue | | Net City Cost | Subsidies | 2018 | 0 | 0 | 0 | 2019 | 100,000 | 100,000 | 0 | 2020 | 100,000 | 100,000 | 0 | 2021 | 25,000 | 25,000 | 0 | 2022 | 0 | 0 | 0 | 2023 | 0 | 0 | 0 | 2024+ | 0 | 0 | 0 | Total | 225,000 | 225,000 | 0 | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>GL Account</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022</th> <th>2023</th> <th>2024+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="9">Expenses</td> </tr> <tr> <td>2950 Other Prof Services-External</td> <td>0</td> <td>100,000</td> <td>100,000</td> <td>25,000</td> <td>0</td> <td>0</td> <td>0</td> <td>225,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>100,000</td> <td>100,000</td> <td>25,000</td> <td>0</td> <td>0</td> <td>0</td> <td>225,000</td> </tr> <tr> <td colspan="9">Revenues</td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td>0</td> <td>100,000</td> <td>100,000</td> <td>25,000</td> <td>0</td> <td>0</td> <td>0</td> <td>225,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>100,000</td> <td>100,000</td> <td>25,000</td> <td>0</td> <td>0</td> <td>0</td> <td>225,000</td> </tr> </tbody> </table> | | | | | | | | | | GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | Expenses | | | | | | | | | 2950 Other Prof Services-External | 0 | 100,000 | 100,000 | 25,000 | 0 | 0 | 0 | 225,000 | Total | 0 | 100,000 | 100,000 | 25,000 | 0 | 0 | 0 | 225,000 | Revenues | | | | | | | | | 169 Pay As You Go - Capital Reserve | 0 | 100,000 | 100,000 | 25,000 | 0 | 0 | 0 | 225,000 | Total | 0 | 100,000 | 100,000 | 25,000 | 0 | 0 | 0 | 225,000 |
| Year | Total Expense | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2018 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2019 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2020 | 100,000 | 100,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2021 | 25,000 | 25,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2022 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2023 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2024+ | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 225,000 | 225,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expenses | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2950 Other Prof Services-External | 0 | 100,000 | 100,000 | 25,000 | 0 | 0 | 0 | 225,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 100,000 | 100,000 | 25,000 | 0 | 0 | 0 | 225,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Revenues | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 169 Pay As You Go - Capital Reserve | 0 | 100,000 | 100,000 | 25,000 | 0 | 0 | 0 | 225,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 0 | 100,000 | 100,000 | 25,000 | 0 | 0 | 0 | 225,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Historical Approved Budget | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Year</th> <th rowspan="2">Total Expense</th> <th colspan="2">Revenue</th> </tr> <tr> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr><td>2007</td><td>85,000</td><td>85,000</td><td>0</td></tr> <tr><td>2014</td><td>130,000</td><td>130,000</td><td>0</td></tr> </tbody> </table> | | | | Year | Total Expense | Revenue | | Net City Cost | Subsidies | 2007 | 85,000 | 85,000 | 0 | 2014 | 130,000 | 130,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | Total Expense | Revenue | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Net City Cost | Subsidies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2007 | 85,000 | 85,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2014 | 130,000 | 130,000 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Related Projects | | | | Operating Budget Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>No Operating budget Impact</td> <td>0</td> <td>0</td> </tr> </tbody> </table> | | | | | | | | | | Effective Date | Description | Exp/(Rev) | FTE Impact | Unknown | No Operating budget Impact | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Effective Date | Description | Exp/(Rev) | FTE Impact | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Unknown | No Operating budget Impact | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Identified | Start Date | Project Type for 2018 | | Project Lead | | | | | Est. Completion Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2007 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | | Neil Robertson | | | | | 2021 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Project Version Summary

| | | | |
|-----------------------|--------------------------------------|---------------------|------------------------------|
| Project # | PLN-021-07 | Service Area | Office of the City Solicitor |
| Budget Year | 2018 | Department | Planning & Building |
| Asset Type | Unassigned | Division | Urban Design |
| Title | City Hall Square and Civic Esplanade | | |
| Budget Status | Council Approved Budget | | |
| Major Category | Community & Economic Development | | |
| Wards | Ward 3 | | |
| Version Name | Main (Active) | | |

Project Description

Future funds that coincide with the completion of the new City Hall are to be used for capital investments relating to the design, implementation and construction of the Civic Square Campus area (including the Civic Square Campus, Charles Clark Square and the Civic Esplanade) consistent with the Civic Square Campus Conceptual Site Plan that was approved in principle (CR162/2014) for the purposes of providing a definable direction for the ongoing development of the Civic Square Campus and surrounding areas.

Work to date has been completed to meet the vision articulated in the 1991 Civic Square study. Initial work in 2010 involved the restoration of the planters, new site furnishings including tables, umbrellas, planters, access control bollards and trash/recycle receptacles have been administered and awarded through several RFP's.

Version Description

To coincide with the completion of the new City Hall and demolition of the old City Hall, additional capital investment is recommended to design/install/construct features in the Civic Square Campus area, including Phase 2 of the Casino Esplanade Landscaping Plan (CR210/2008), design review of Charles Clark Square, Civic Esplanade and Civic Square (i.e. the area immediately adjacent to the new City Hall).
2019 – Hire an external consultant to prepare a design and detailed cost estimate for the Civic Square redevelopment.

Project Comments/Reference

(7033086 Closed) / 7161040

Version Comments

As per CR130/2016, \$337,000 approved from PYG for the New City Hall - Hydro Transformers & Secondary Distribution Switch (SDS) box removal (\$150,000 in 2016 + \$187,000 in 2019).

| Project Forecast | | Revenue | |
|------------------|------------------|------------------|-----------|
| Year | Total Expense | Net City Cost | Subsidies |
| 2018 | 0 | 0 | 0 |
| 2019 | 500,000 | 500,000 | 0 |
| 2020 | 258,000 | 258,000 | 0 |
| 2021 | 300,000 | 300,000 | 0 |
| 2022 | 500,000 | 500,000 | 0 |
| 2023 | 0 | 0 | 0 |
| 2024+ | 827,000 | 827,000 | 0 |
| | 2,385,000 | 2,385,000 | 0 |

| Project Detailed Forecast | | | | | | | | | |
|---------------------------|---------------------------------|---------|---------|---------|---------|------|---------|-----------|--|
| GL Account | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024+ | Total | |
| Expenses | | | | | | | | | |
| 5410 | Construction Contracts - TCA | | | | | | | | |
| | 0 | 500,000 | 258,000 | 300,000 | 500,000 | 0 | 827,000 | 2,385,000 | |
| Total | 0 | 500,000 | 258,000 | 300,000 | 500,000 | 0 | 827,000 | 2,385,000 | |
| Revenues | | | | | | | | | |
| 169 | Pay As You Go - Capital Reserve | | | | | | | | |
| | 0 | 500,000 | 258,000 | 300,000 | 500,000 | 0 | 827,000 | 2,385,000 | |
| Total | 0 | 500,000 | 258,000 | 300,000 | 500,000 | 0 | 827,000 | 2,385,000 | |

| Historical Approved Budget | | Revenue | |
|----------------------------|---------------|---------------|-----------|
| Year | Total Expense | Net City Cost | Subsidies |
| 2009 | 65,000 | 65,000 | 0 |
| 2010 | 100,000 | 100,000 | 0 |
| 2016 | 150,000 | 150,000 | 0 |

Related Projects

| Operating Budget Impact | | Exp/(Rev) | FTE Impact |
|-------------------------|---|-----------|------------|
| Effective Date | Description | | |
| Unknown | Upon completion of the project, operating impact is undetermined but expected to be negligible or limited and dependent upon minor repairs resulting from instances such as vandalism, weather impacts such as snow clearing and miscellaneous such as periodic emptying of trash bins and as needed watering of any planters. In other words, a minor extension of that which is already in place for the existing esplanade area. | 0 | 0 |

| Year Identified | Start Date | Project Type for 2018 | Project Lead | Est. Completion Date |
|------------------------|-------------------|----------------------------------|---------------------|-----------------------------|
| 2007 | January 1, 2019 | Growth: 0.0 % Maintenance: 0.0 % | Neil Robertson | 2020+ |