



2024 Recommended Capital Budget

SECTION C

Capital Project Summaries



2024 Recommended Capital Budget

Administration & Representation



Project Version Summary

Project #	CAO-002-18	Service Area	Administration & Respresentation
Budget Year	2024	Department	CAO's Office
Asset Type	Unassigned	Division	Administration - CAO's Office
Title	New Windsor-Essex Hospital System Plan		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Community & Economic Development		
Wards	Ward 9		
Version Name	Main (Active)		

Project Description	Contribution to the reserve fund for the municipality's share of the new Windsor-Essex Hospital System Plan.
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Version Description	
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Project Comments/Reference	Version Comments
7236000	PLACEHOLDER: CR282/2016 - R18193: 2024 to 2027 F169 \$6.9M annually- 2028 F169 \$6.2M CR338/2023 C 91/2023: 2024 to 2027 F169 \$6.9M to be made available for investment in order to capitalize on current investment yields and considered as being pre-committed for purposes of the 2024 Capital Budget development and balancing. An additional \$6.2M F169 in 2028 be made available for investment when the amount falls in the 5-year funding window.

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
4250	TRANSFER to Reserve Fund	6,900,000	6,900,000	6,900,000	6,900,000	6,200,000	0	0	0	0	0	33,800,000
	Total	6,900,000	6,900,000	6,900,000	6,900,000	6,200,000	0	0	0	0	0	33,800,000
Revenues												
169CF	Committed Funding	6,900,000	6,900,000	6,900,000	6,900,000	6,200,000	0	0	0	0	0	33,800,000
	Total	6,900,000	6,900,000	6,900,000	6,900,000	6,200,000	0	0	0	0	0	33,800,000

Related Projects		Historical Approved Budget			Operating Budget Impact												
			<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>2023</td> <td>6,900,000</td> <td>6,900,000</td> <td>0</td> </tr> </tbody> </table>				Revenue		Year	Total Expense	Net City Cost	Subsidies	2023	6,900,000	6,900,000	0	
		Revenue															
Year	Total Expense	Net City Cost	Subsidies														
2023	6,900,000	6,900,000	0														
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date													
2018	January 1, 2023	Growth: 100.0 % Maintenance: 0.0 %	TBD	2028													



Project Version Summary

Project #	MAY-001-24	Service Area	Administration & Respresentation
Budget Year	2024	Department	Mayor's Office
Asset Type	Unassigned	Division	Administration - Mayor's Office
Title	Placeholder for Community Safety & Downtown Revitalization		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Community & Economic Development		
Wards			
Version Name	Main (Active)		

Project Description	This funding has been set aside as placeholder funding to support Community Safety and Downtown Revitalization Initiatives, subject to completion of the Strategy Corp. study.										
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Version Description											
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Project Comments/Reference											
Version Comments											

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	200,000	800,000	0	0	0	0	0	0	0	0	1,000,000
Total	200,000	800,000	0	0	0	0	0	0	0	0	1,000,000
Revenues											
169 Pay As You Go - Capital Reserve	200,000	800,000	0	0	0	0	0	0	0	0	1,000,000
Total	200,000	800,000	0	0	0	0	0	0	0	0	1,000,000

Related Projects	Historical Approved Budget	Operating Budget Impact

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2024	January 1, 2024	Growth: 100.0 % Maintenance: 0.0 %	TBD	TBD`



2024 Recommended Capital Budget

Agencies, Boards & Committees



Project Version Summary

Project #	TRN-005-07	Service Area	Agencies, Boards & Committees
Budget Year	2024	Department	Agencies
Asset Type	Unassigned	Division	External Agencies
Title	Handi-Transit Bus Acquisitions		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Agencies, Boards and Committees (ABC's)		
Wards	City Wide		
Version Name	Main (Active)		

Project 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.
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Version Description	
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Project Comments/Reference	Version Comments
7191019 Closed: 7081003 7091038 7151008 7161043	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5110	Machinery & Equipment - TCA	0	0	555,000	155,000	300,000	300,000	300,000	500,000	0	0	2,110,000
	Total	0	0	555,000	155,000	300,000	300,000	300,000	500,000	0	0	2,110,000
Revenues												
169	Pay As You Go - Capital Reserve	0	0	555,000	155,000	300,000	300,000	300,000	500,000	0	0	2,110,000
	Total	0	0	555,000	155,000	300,000	300,000	300,000	500,000	0	0	2,110,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		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				
		2019	480,000	480,000	0				
		2020	240,000	240,000	0				
		2021	400,000	400,000	0				
		2022	120,000	120,000	0				
		2023	120,000	120,000	0				
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date			
2007	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %		Lori Colenutt		TBD`			



Project Version Summary

Project #	RGC-001-18	Service Area	Agencies, Boards & Committees
Budget Year	2024	Department	Roseland Golf & Country Club
Asset Type	Unassigned	Division	Roseland Operations
Title	Roseland/Little River Golf Courses Asset Replacement/Improvements		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Agencies, Boards and Committees (ABC's)		
Wards	Ward 1		
Version Name	Main (Active)		

Project Description

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.

The capital budget request provides for some more of the more immediate capital needs and is supported by reports and conditions of capital assets.

Further, the strategic plan completed in 2020 in conjunction with Global Golf Advisors, a third party industry consultant, highlighted that Roseland required capital support to address the aging and inefficient clubhouse. The consultant is now working on a clubhouse feasibility study in 2021, which will provide a more detailed clubhouse recommendation.

A new clubhouse will allow Roseland to operate more efficiently and to showcase itself as an updated full service facility, and the only municipally owned Donald Ross designed course in Canada.

Version Description

Project Comments/Reference	Version Comments
7184003	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5110 Machinery & Equipment - TCA	0	250,000	2,759,384	0	0	0	0	0	1,000,000	0	4,009,384
Total	0	250,000	2,759,384	0	0	0	0	0	1,000,000	0	4,009,384
Revenues											
169 Pay As You Go - Capital Reserve	0	250,000	2,759,384	0	0	0	0	0	1,000,000	0	4,009,384
Total	0	250,000	2,759,384	0	0	0	0	0	1,000,000	0	4,009,384

Related Projects		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>2021</td> <td>283,616</td> <td>188,000</td> <td>95,616</td> </tr> <tr> <td>2022</td> <td>2,107,000</td> <td>2,107,000</td> <td>0</td> </tr> </tbody> </table>		Year	Total Expense	Revenue		Net City Cost	Subsidies	2021	283,616	188,000	95,616	2022	2,107,000	2,107,000	0	
Year	Total Expense	Revenue																	
		Net City Cost	Subsidies																
2021	283,616	188,000	95,616																
2022	2,107,000	2,107,000	0																
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date															
2018	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %	Dave Deluzio	2024+															



Project Version Summary

Project #	ITC-002-16	Service Area	Agencies, Boards & Committees
Budget Year	2024	Department	Windsor Police Services
Asset Type	Unassigned	Division	Administration - Police
Title	Corporate Radio Infrastructure		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Agencies, Boards and Committees (ABC's)		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

The 2024 request is to add capital funds to 2033 and pull 2025 and 2026 funding ahead to 2024. This capital project is fully funded from the dedicated Radio Reserve Fund 198 (“Radio Reserve”). The Radio Reserve is fully funded by annual contributions from operating departments and agencies who use the corporate radio system. City Finance created a projection model for Radio Reserve Fund 198 (“Radio Reserve”) in 2015, and that projection model is reviewed annually to ensure sufficient funding.

The corporate radio system is used by Windsor Police Services, Windsor Fire & Rescue Services, Transit Windsor, various operating departments within the Corporation of the City of Windsor, YQG Airport, the Canada Border Services Agency (CBSA), and is currently being expanded into the Town of Amherstburg to be used by emergency services and operating departments. The capital funds are required for system upgrades of infrastructure, end user devices and other equipment not covered under the service agreement with the system vendor. Reserve Fund 198 anticipated and is sufficiently funded for these capital expenditures.

Capital Project ITC-002-16 (“Corporate Radio Infrastructure”), and the 2021, 2022, 2025 and 2026 funding requirements, were approved in principle during the 2016 capital budgeting process. This is a corporate-wide project, with many City departments and agencies relying on the corporate radio system. This capital project, ITC-002-16 (“Corporate Radio Infrastructure”), has a dedicated funding source, which is Reserve Fund 198 (“Radio Reserve”). Radio Reserve Fund 198 was created in 2015, through City Council Resolution CR209/2015, to establish a sustainable funding mechanism for the corporate radio system. The City of Windsor Finance Department projected operating and capital requirements from this reserve, through 2033, when establishing Reserve Fund 198 in 2015. The amounts reflected in ITC-002-16 match the capital requirements identified in the reserve fund projection, and as such, have sufficient funding from Reserve Fund 198.

In 2023, City Council approved the expansion of the corporate radio system to the Town of Amherstburg. As part of that strategy, 2023 capital funds were used with the understanding that capital funding slated for 2025 and 2026 would be pulled ahead to 2024 to provide sufficient funding for other City of Windsor corporate radio project (replacement mobile radios for WFRS/WPS, portable radio solutions for City operating departments, and required system backhaul upgrades).

Additionally, when the Reserve Fund 198 (“Radio Reserve”) projection model was created in 2015 (and reviewed annually since), \$6.5 million was planned for 2033 for system lifecycle upgrades (radios and infrastructure not covered under the service agreement with the system vendor. This capital project is fully funded from the dedicated Radio Reserve Fund 198 (“Radio Reserve”). The Radio Reserve is fully funded by annual contributions from operating departments and agencies who use the corporate radio system. City Finance created a projection model for Radio Reserve Fund 198 (“Radio Reserve”) in 2015, and that projection model is reviewed annually to ensure sufficient funding.

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

7151026 (closed), 7215003
Funding for these projects is from the Corporate Radio Reserve (#198)

Version Comments

Project Detailed Forecast

GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5110	Machinery & Equipment - TCA	2,200,000	0	0	0	0	0	0	0	1,590,000	6,500,000	10,290,000
	Total	2,200,000	0	0	0	0	0	0	0	1,590,000	6,500,000	10,290,000
Revenues												
198	Pay As You Go Corporate Radios Reserve	2,200,000	0	0	0	0	0	0	0	1,590,000	6,500,000	10,290,000
	Total	2,200,000	0	0	0	0	0	0	0	1,590,000	6,500,000	10,290,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2016	3,415,235	3,415,235	0				
		2021	3,100,000	3,100,000	0				
		2022	3,100,000	3,100,000	0				
		The radio system upgrade has resulted in a recommendation for a 2019 operating budget increase (2019-0014) as an increased contribution by various departments, into the Corporate Radio System reserve.							
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date					
2016	January 1, 2016	Growth: 0.0 % Maintenance: 100.0 %	Matt Caplin	2033					



Project Version Summary

Project #	POL-001-09	Service Area	Agencies, Boards & Committees
Budget Year	2024	Department	Windsor Police Services
Asset Type	Unassigned	Division	Administration - Police
Title	Windsor Police Service Fleet Replacement/Refurbishment Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Agencies, Boards and Committees (ABC's)		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
 The Police Fleet reserve was initially created per CR162/2008 dated April 14th, 2008 to fund all future replacements of police vehicles and related major equipment components. This reserve ensures service delivery as it relates to these assets are maintained in an effective manner. Funding of the reserve is accomplished through an annual transfer of funds from the Windsor Police operating budget.

Version Description
 The fleet replacement schedule is a detailed inventory of major fleet components and related equipment for the organization that is reviewed and updated regularly, and approved by the Windsor Police Services Board. It is based on a six year strategic forecast that is updated annually.

Project Comments/Reference	Version Comments
7091014	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5110 Machinery & Equipment - TCA	3,668,000	1,668,000	1,668,000	1,668,000	1,668,000	1,668,000	1,668,000	1,668,000	1,668,000	1,668,000	18,680,000
Total	3,668,000	1,668,000	1,668,000	1,668,000	1,668,000	1,668,000	1,668,000	1,668,000	1,668,000	1,668,000	18,680,000
Revenues											
183 Police Fleet	3,668,000	1,668,000	1,668,000	1,668,000	1,668,000	1,668,000	1,668,000	1,668,000	1,668,000	1,668,000	18,680,000
Total	3,668,000	1,668,000	1,668,000	1,668,000	1,668,000	1,668,000	1,668,000	1,668,000	1,668,000	1,668,000	18,680,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		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				
		2018	1,268,000	1,268,000	0				
		2019	1,268,000	1,268,000	0				
		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				
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date			
2009	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %		Barry Horrobin		Ongoing`			



Project Version Summary

Project #	POL-001-20	Service Area	Agencies, Boards & Committees
Budget Year	2024	Department	Windsor Police Services
Asset Type	Unassigned	Division	Administration - Police
Title	Advanced Analytics and Process Optimization		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Agencies, Boards and Committees (ABC's)		
Wards	City Wide		
Version Name	Main (Active)		

Project Description											
Machine learning and artificial intelligence applies advanced analysis and logic-based techniques to interpret events, support and automate decisions, and take actions. Simply, it is the use of advanced computing and logic to improve decisions and processes. A 2019 Gartner CIO Survey shows that the proportion of organizations employing these technologies has "more than tripled from the previous year; 4% versus 14%. Half of the organizations in the survey intend to employ before the end of 2020." Some police services have already implemented machine learning and artificial intelligence technologies successfully, and almost all services have these technologies on their planning radar. These technologies are evolving rapidly, with capabilities predicted to grow exponentially. The opportunities to transform policing operations through these advanced techniques will be significant for the Windsor Police Service and the public. Some examples include enhancements in communications with the public, workload management and predictive staffing, predictive policing, traffic management, investigative processes, public safety; in general, enhanced service delivery. Given the capital budgeting time horizon and the continuous advancements in machine learning and artificial intelligence, it is imperative to set aside capital funds for WPS to keep pace with the modernization of policing. The capabilities of machine learning and artificial intelligence is remarkable; the potential value in the future will be a necessity in policing.											
Version Description											
Project Comments/Reference						Version Comments					
Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5110 Machinery & Equipment - TCA	0	0	250,000	250,000	640,000	600,000	600,000	0	0	0	2,340,000
Total	0	0	250,000	250,000	640,000	600,000	600,000	0	0	0	2,340,000
Revenues											
160 Capital Expenditure Reserve	0	0	0	0	0	0	0	0	0	0	0
169 Pay As You Go - Capital Reserve	0	0	250,000	250,000	640,000	600,000	600,000	0	0	0	2,340,000
Total	0	0	250,000	250,000	640,000	600,000	600,000	0	0	0	2,340,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2020	January 1, 2026	Growth: 0.0 % Maintenance: 0.0 %	Matt Caplin	TBD`



Project Version Summary

Project #	POL-002-19	Service Area	Agencies, Boards & Committees
Budget Year	2024	Department	Windsor Police Services
Asset Type	Unassigned	Division	Administration - Police
Title	Windsor Police Service - Specialized Equipment		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Agencies, Boards and Committees (ABC's)		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	Specialized police equipment including items such as personal protective clothing, use of force options, and investigative enhancements.
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Version Description	
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Project Comments/Reference	Version Comments
7197003	

Project Detailed Forecast												
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total	
Expenses												
5110 Machinery & Equipment - TCA	2,225,000	835,000	960,000	500,000	1,000,000	750,000	770,000	1,105,000	860,000	835,000	9,840,000	
Total	2,225,000	835,000	960,000	500,000	1,000,000	750,000	770,000	1,105,000	860,000	835,000	9,840,000	
Revenues												
124 Dev Chg - Police	100,000	0	0	0	100,000	0	0	80,000	100,000	0	380,000	
195 Police Equipment Reserve	2,125,000	835,000	960,000	500,000	900,000	750,000	770,000	1,025,000	760,000	835,000	9,460,000	
Total	2,225,000	835,000	960,000	500,000	1,000,000	750,000	770,000	1,105,000	860,000	835,000	9,840,000	

Related Projects	Historical Approved Budget				Operating Budget Impact			
			Revenue					
	Year	Total Expense	Net City Cost	Subsidies				
	2019	180,000	180,000	0				
	2020	100,000	100,000	0				
	2021	335,000	335,000	0				
	2022	150,000	150,000	0				
2023	725,000	725,000	0					

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2019	January 1, 2019	Growth: 4.5 % Maintenance: 95.5 %	Melissa Brindley	TBD`



Project Version Summary

Project #	POL-003-19	Service Area	Agencies, Boards & Committees
Budget Year	2024	Department	Windsor Police Services
Asset Type	Unassigned	Division	Administration - Police
Title	Windsor Police Service - Technology Projects		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Agencies, Boards and Committees (ABC's)		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

Technology is transforming the way policing is conducted worldwide. The modernization of policing services, through investments in tech, is proving to be a force-multiplier, on three fronts: 1) Improved Effectiveness – enhancing the analysis and presentation of the large volumes police service data significantly improves strategic planning, operational planning and front-line policing by providing information that links and predicts criminal activities and information; 2) Improved Accountability and Management – the improved understanding and measurement of the effectiveness of policing strategies, tactical decisions and individual performance provides objective evidence to make adjustments and continuous improvement decisions; 3) Improved Efficiencies – modern policing technologies are reducing non-value-adding activities and increasing the time spent on core policing duties. In addition to the force multiplier effect of technology investments, the complexity of criminal activity is increasing exponentially and requires a sophisticated police service with modern capabilities to effectively protect the public. A consistent and predictive capital budgeting model for technology is essential for strategic planning for policing services. WPS must maintain and upgrade existing technologies, and implement of new transformative technologies in order to realize the benefits noted above and to keep pace with trends in policing.

In addition to projects intended to improve effectiveness, accountability and management, and efficiency, every organization, including WPS, has to make investments into maintaining existing infrastructure, systems and security. These technologies are the foundations of an organization that require continuous improvements through upgrades, expansion and replacement. For every technology that is implemented, life cycle planning for sustainability and continuing to meet organizational needs is required.

Version Description

Project Comments/Reference

7197004

Version Comments

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5110 Machinery & Equipment - TCA	75,000	525,000	525,000	575,000	825,000	700,000	700,000	200,000	200,000	200,000	4,525,000
Total	75,000	525,000	525,000	575,000	825,000	700,000	700,000	200,000	200,000	200,000	4,525,000
Revenues											
195 Police Equipment Reserve	75,000	525,000	525,000	575,000	825,000	700,000	700,000	200,000	200,000	200,000	4,525,000
Total	75,000	525,000	525,000	575,000	825,000	700,000	700,000	200,000	200,000	200,000	4,525,000

Related Projects		Historical Approved Budget			Operating Budget Impact
			Revenue		
		Year	Total Expense	Net City Cost	Subsidies
		2019	300,000	300,000	0
		2020	400,000	400,000	0
		2021	501,000	501,000	0
		2022	375,000	375,000	0
		2023	325,000	325,000	0
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date	
2019	January 1, 2019	Growth: 0.0 % Maintenance: 100.0 %	Matt Caplin	TBD`	



Project Version Summary

Project #	POL-004-19	Service Area	Agencies, Boards & Committees
Budget Year	2024	Department	Windsor Police Services
Asset Type	Unassigned	Division	Administration - Police
Title	Windsor Police Service - Telecommunications		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Agencies, Boards and Committees (ABC's)		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	
<p>Effective communications is the most critical aspect of public safety. This consists of communications with the public, communications with patrol officers and WPS staff, and communications with other emergency services. Canada's 911 system is a complex environment of land-based and wireless telephone services, network providers and emergency communications centres. These centres are known as Public Safety Answering Points (PSAP's) and the Windsor Police Service operates the only primary PSAP in our region receiving all 9-1-1 calls for police, fire and ambulance for the City of Windsor and the Town of Amherstburg.</p> <p>Policing communications is in the midst of a significant and sustained period of transformation, which includes a legislated move to Next Generation 911 (NG911). In the NG911 environment, advanced modern technologies will be leveraged and implemented by service providers and emergency service agencies using a phased in approach. The NG911 environment, will begin with the public making a voice or text calls from any communications device via the Emergency Services Internet Protocol Network (ESInet). The next generation PSAP of the future will also receive photos, video calls, advanced location services, telematics and data from personal safety devices such as medic alert systems and sensors of various types as part of 911 calls.</p> <p>The framework for this transition began in 2002 when the Canadian Radio-Television and Telecommunications Commission (CRTC) mandated that the national 9-1-1 legacy system be decommissioned in March of 2025. This meant that all emergency communication centres across Canada were required to completely overhaul their 911 systems in advance of the deadline.</p> <p>On June 30, 2022 the Windsor Police Service reached a major milestone when the PSAP transitioned to an NG911 ready system. In early 2023, the service will connect to the ESInet and be fully compliant as an NG911 PSAP well in advance of the CRTC deadline. The Windsor Police Service continues to be a leader in innovation and as an early adopter of Next Generation 9-1-1, continues to provide industry leading service and excellence in service to the citizens of Windsor and the Town of Amherstburg.</p> <p>All municipalities operating PSAP's are faced with funding the ongoing legislated advancements that will be continuously phased in with NG911, along with the support and lifecycle management of the NG911 assets already purchased. PSAP's are transitioning to high tech operations centres, which is transforming the historic funding requirements for 911.</p>	
Version Description	
Project Comments/Reference	Version Comments
7197005	This project is in conjunction with Fire's capital project FRS-004-19. The two projects will be jointly executed and funding from both projects is required.

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5110	Machinery & Equipment - TCA	0	0	0	0	0	200,000	200,000	200,000	200,000	500,000	1,300,000
Total		0	0	0	0	0	200,000	200,000	200,000	200,000	500,000	1,300,000
Revenues												
124	Dev Chg - Police	0	0	0	0	0	0	0	0	0	0	0
195	Police Equipment Reserve	0	0	0	0	0	200,000	200,000	200,000	200,000	500,000	1,300,000
Total		0	0	0	0	0	200,000	200,000	200,000	200,000	500,000	1,300,000
Related Projects		Historical Approved Budget				Operating Budget Impact						
				Revenue								
		Year	Total Expense	Net City Cost	Subsidies							
		2019	100,000	100,000	0							
		2020	525,000	525,000	0							
		2021	450,000	450,000	0							
		2022	400,000	400,000	0							
		2023	425,000	425,000	0							
Year Identified	Start Date	Project Type for 2024		Project Lead			Est. Completion Date					
2019	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Laura Smith/Matt Caplin			TBD`					



Project Version Summary

Project #	POL-005-19	Service Area	Agencies, Boards & Committees
Budget Year	2024	Department	Windsor Police Services
Asset Type	Unassigned	Division	Administration - Police
Title	Windsor Police Service - Facility Projects		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Agencies, Boards and Committees (ABC's)		
Wards	Ward 2, Ward 3, Ward 8		
Version Name	Main (Active)		

Project Description												
Based on an extensive facility master planning process used to identify capital asset requirements at all WPS facilities, a prioritized list of projects have been identified; many of which at our HQ facility. The overall goal is to make physical changes that will meet ever-changing needs for service delivery. Emphasis will be placed on optimizing energy conservation, work productivity, and workplace health and safety. Some specific sub-projects include a reconfiguration of the Stores area to improve warehousing capacity and related efficiencies through modernized shelving and inventory management solutions; overhaul of the security card access system to gain efficiencies and improve overall security; re-purposing of public reception and Patrol Division spaces to meet changing service delivery needs; upgrades to the outdoor firing range; and renovations to various Operational Support and Investigative Division spaces.												
Version Description												
This overall project is comprised of a number of distinct sub-projects that apply to various locations throughout all WPS facilities – Headquarters, Tilston Training Centre, Sandwich Station, and Jefferson Operational Support Facility												
Project Comments/Reference						Version Comments						
7197006												
Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5110	Machinery & Equipment - TCA	0	100,000	400,000	200,000	200,000	100,000	200,000	250,000	100,000	200,000	1,750,000
Total		0	100,000	400,000	200,000	200,000	100,000	200,000	250,000	100,000	200,000	1,750,000
Revenues												
124	Dev Chg - Police	0	0	300,000	0	0	0	200,000	0	0	0	500,000
195	Police Equipment Reserve	0	100,000	100,000	200,000	200,000	100,000	0	250,000	100,000	200,000	1,250,000
Total		0	100,000	400,000	200,000	200,000	100,000	200,000	250,000	100,000	200,000	1,750,000

Related Projects		Historical Approved Budget			Operating Budget Impact
			Revenue		
		Year	Total Expense	Net City Cost	Subsidies
		2019	200,000	200,000	0
		2020	475,000	475,000	0
		2021	560,000	560,000	0
		2022	340,000	340,000	0
		2023	500,000	500,000	0
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date	
2019		Growth: 0.0 % Maintenance: 0.0 %	Barry Horrobin	TBD`	



2024 Recommended Capital Budget

Office of the Commissioner of Community Services



Project Version Summary

Project #	FRS-001-19	Service Area	Community Services
Budget Year	2024	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Operations
Title	Water Rescue Equipment - Fire & Rescue Division		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
 Within The City of Windsor there is 43.7 kilometers of shoreline of the Detroit River, 12.4 kilometers of shoreline of the Little River, and 8.8 kilometers of the Grand Marais Drain. Additional risks include 50 + acres made up of 6 major bodies of water including Southwood lakes and Blue Heron to name a few.

Version Description
 Windsor Fire & Rescue introduced overland water Rescue equipment in 2020 as a result of rising lake levels and recent rain induced flood events. The capabilities to assist during overland flooding events is now in place. Most equipment for this program has a lifecycle of 10 years and will require replacement starting in 2030. This will ensure equipment is up to date with the technology advancements as well as the new Health and Safety requirements as they continually evolve. Further to overland flood response, WFRS is identifying procurement of necessary equipment to take the opportunity and expand the program to include the inland water and ice rescue.

Project Comments/Reference	Version Comments
Windsor Fire & Rescue 2018-2023 Strategic plan, revealed that external community stakeholders expressed an area of concern that may be a weakness within current delivery system. In priority order #7 on the list, was lack of water and ice rescue service given the proximity to waterways. 7201019	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5111 Machinery & Equipment -Non TCA	0	0	0	0	0	0	50,000	0	0	100,000	150,000
Total	0	0	0	0	0	0	50,000	0	0	100,000	150,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0
221 Service Sustainability Investm	0	0	0	0	0	0	50,000	0	0	100,000	150,000
Total	0	0	0	0	0	0	50,000	0	0	100,000	150,000

Related Projects		Historical Approved Budget			Operating Budget Impact			
			Revenue		Effective Date	2026-01-01	Exp/(Rev) FTE Impact	
		Year	Total Expense	Net City Cost	Subsidies	Description	1,000	0
		2020	130,000	130,000	0	Certification training		
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date			
2019	March 1, 2030	Growth: 0.0 % Maintenance: 0.0 %		Brian Bobbie/Deputy Fire Chief Jamie Waffle	2033			



Project Version Summary

Project #	FRS-001-20	Service Area	Community Services
Budget Year	2024	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Operations
Title	Technology Replacements - Emergency Operations Centre (EOC)		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Technology		
Wards	Ward 9		
Version Name	Main (Active)		

Project Description

The Emergency Operations Centre (EOC) opened in September of 2017 with technology and components that were affordable within the project budget. Reliability and functionality of the equipment declines over time due to improved technology, wear and tear and age. An appropriate EOC, supported by technology is an invaluable asset essential for managing emergencies. The requested funding will ensure the equipment is maintained in good order and replaced before it becomes obsolete or unsupported.

Version Description

The EOC is equipped with high level computer technology like visual, sound and communication equipment among others. Reliable, up to date technology provides safety and security to all internal personnel and community at large to minimize effects of disasters such as tornado, flooding or industrial accidents. All City departments, responder agencies and NGO's may be called upon simultaneously to manage emergency events. These groups require real time information, data sharing and interoperability at the highest level to provide the best service and greatest level of safety to the community. It is essential a replacement plan is established in order to ensure the EOC remains operational and funds are available when equipment needs replacement.

Project Comments/Reference	Version Comments
Beyond year 2027 ongoing funding request every three years is scheduled for the replacement or upgrade needs. Newly established reserve account will manage annual funding/expense activity.	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5110 Machinery & Equipment - TCA	0	0	150,000	150,000	0	0	50,000	0	0	75,000	425,000
Total	0	0	150,000	150,000	0	0	50,000	0	0	75,000	425,000
Revenues											
221 Service Sustainability Investm	0	0	150,000	150,000	0	0	50,000	0	0	75,000	425,000
Total	0	0	150,000	150,000	0	0	50,000	0	0	75,000	425,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2020	December 31, 2025	Growth: 0.0 % Maintenance: 0.0 %	Emily Bertram/Fire Chief Stephen Laforet	2033



Project Version Summary

Project #	FRS-001-23	Service Area	Community Services
Budget Year	2024	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Operations
Title	Replacement of Mobile Live Fire Training Unit (MLFTU)		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	Ward 3		
Version Name	Main (Active)		

Project Description

In 2017 as per CR438/2017, Report C122/2017, Windsor Fire and Rescue Services (WFRS), along with three sharing partners, purchased a Mobile Live Fire Training Unit (MLFTU) and entered into a shared use agreement. The sharing partners are LaSalle Fire Service, Amherstburg Fire & Rescue and St. Clair College. Remaining lifespan of the MLFTU equipment is another ten years or year 2032 after which a replacement will need to occur. Another shared partnership option will be explored.

Version Description

The MLFTU provides all firefighters, regardless of rank, an opportunity to train in a live-fire environment using safety precautions and under an appropriate span of control and supervision. The MLFTU allows for the ability to train in a low risk, controlled environment enabling instructors to emphasize the importance of fire dynamics and the fundamentals of fire behaviour. The MLFTU is constructed of metal and repeatedly subjected to extreme conditions when in use, as a result the unit will not last forever and a plan for replacement must be given consideration and implemented. The current shared agreement with partners has served the community well and it allowed for a cost effective method of providing a safe live-fire training. Desire of all partners is to continue the shared ownership model.

Funding requested is Windsor Fire and Rescue's 2 out of 5 shares or \$400,000 out of total estimated \$1,000,000 cost.

Project Comments/Reference

Version Comments

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5110 Machinery & Equipment - TCA	0	0	0	0	0	0	0	0	850,000	150,000	1,000,000
Total	0	0	0	0	0	0	0	0	850,000	150,000	1,000,000
Revenues											
221 Service Sustainability Investm	0	0	0	0	0	0	0	0	250,000	150,000	400,000
6735 Recovery Of Expenses EXTERNAL	0	0	0	0	0	0	0	0	600,000	0	600,000
Total	0	0	0	0	0	0	0	0	850,000	150,000	1,000,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2023	July 1, 2031	Growth: 0.0 % Maintenance: 0.0 %	Brent Paisley/ Deputy Fire Chief Jamie Waffle	2033



Project Version Summary

Project #	FRS-001-24	Service Area	Community Services
Budget Year	2024	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Operations
Title	Fire & Rescue Equipment Replacement		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

Windsor Fire and Rescue Services (WFRS) maintains its own fire fleet and the equipment used in operations and service delivery. WFRS has a capital project 7145008 Fire Truck Equipment Purchases that was set up in 2015 with \$346,000 budget. Over the years funding has been utilized for variety of one-time purchases not sustainable through operating budget.

Version Description

Purchases over the years include Thermal Imaging Cameras, Fire Hoses, Self Contained Breathing Apparatus, High Rise Firefighting kits, Auto Extrication tools, Smoke Curtains, etc. The department endeavours to purchase good quality equipment and performs repairs and maintenance to maximize the life of its equipment, however; firefighting equipment is constantly subjected to extreme conditions and does not last forever. Additionally, as new technology and risks arise so does the need for new equipment, for example, the latest planned purchases are for Electric Vehicle Fire Blankets a tool that was not created or needed just a few years ago.

Balance remaining in project 7145008 is currently \$52,000 and with planned expenditures the forecasted balance is \$18,000 by the end of year 2023. Ongoing funding for this project is important to avoid negative operating variance by larger one-time expenditures.

Project Comments/Reference

Version Comments

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5110 Machinery & Equipment - TCA	90,000	0	0	0	0	0	80,000	0	0	220,000	390,000
Total	90,000	0	0	0	0	0	80,000	0	0	220,000	390,000
Revenues											
221 Service Sustainability Investm	0	0	0	0	0	0	80,000	0	0	220,000	300,000
7058 TRANSFER From Reserve Account	90,000	0	0	0	0	0	0	0	0	0	90,000
Total	90,000	0	0	0	0	0	80,000	0	0	220,000	390,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2024	January 1, 2024	Growth: 0.0 % Maintenance: 100.0 %	Mike Mio/Brent Paisley	Ongoing`



Project Version Summary

Project #	FRS-002-19	Service Area	Community Services
Budget Year	2024	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Operations
Title	Fire & Rescue - Forcible Entry Prop		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
Fire & Rescue Training division requires two new forcible entry props. It is used to practice the skill of entering a locked structure in an emergency situation. Forcible entry is a perishable skill that requires regular practice.

Version Description
The current prop has reached it's useful life and it's old design makes it difficult to move locations. It is important that training can be brought to different fire hall stations to allow for firefighters' continuous training as well as readiness to respond if an emergency call comes in. The new forcible entry prop has the functionality to be taken apart and make it more portable to facilitate training in different locations. A firefighter whose skills have diminished is at greater risk of suffering an injury due to improper technique and may take more time on scene to gain access into a locked building.

Project Comments/Reference	Version Comments
7232005	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5111 Machinery & Equipment -Non TCA	20,000	0	0	0	0	0	0	0	0	0	20,000
Total	20,000	0	0	0	0	0	0	0	0	0	20,000
Revenues											
221 Service Sustainability Investm	0	0	0	0	0	0	0	0	0	0	0
221CF Committed Funding	20,000	0	0	0	0	0	0	0	0	0	20,000
Total	20,000	0	0	0	0	0	0	0	0	0	20,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2019	July 1, 2024	Growth: 0.0 % Maintenance: 100.0 %	Brian Bobbie/Deputy Fire Chief Jamie Waffle	2024



Project Version Summary

Project #	FRS-002-21	Service Area	Community Services
Budget Year	2024	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Operations
Title	Training Towers Stair Replacement		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	
<p>Firefighter training towers are stand-alone structures that provide a safe means to practice firefighting skills and techniques and to help develop the stamina required to carry, deploy and use firefighting equipment in a realistic environment.</p>	
Version Description	
<p>Windsor Fire & Rescue has two training towers, one in need of replacement and requiring substantial repair. The first is a steel standalone scaffolding structure purchased “used” in 2001. At the time of purchase, the tower was already 7 years old and was being used as a “portable” system, which could be erected from city to city for the Firefighter Combat Challenge competitions. Windsor Fire purchased this and erected it as a permanent structure supported by guide wires to provide WFRS with a means to provide training the replicates the demands of performing firefighting duties that require ascending/descending while wearing firefighting gear and using heavy bulky tools and equipment. The tower is past its useful life and requires visual inspections before and during each use, particularly when inclement weather occurs such as strong winds, heavy rain, or snow accumulation. An engineering company performs an annual inspection and extensive repairs are incurred typically each year by a certified contractor; maintenance has become costly and time-consuming.</p> <p>The second training tower is a 3-story burn building located at Station 4 and is utilized for smoke removal, ventilation, and search & rescue training. A steel staircase, located on the exterior and required to access the upper levels of the tower has been inspected and condemned for use above the second story. Access to the third story and roof is restricted and the costly repairs are merely deemed to be a short-term solution, therefore a replacement funding is needed.</p> <p>Funds for the replacement/repair of the respective towers are accelerated to year 2024 (B5/2023, Report C26/2023) to ensure that the required training for firefighting personnel and new recruits continues uninterrupted and without risk of failure or accident.</p>	
Project Comments/Reference	Version Comments
7234002	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5110	Machinery & Equipment - TCA	0	0	200,000	0	0	0	0	0	0	0	200,000
Total		0	0	200,000	0	0	0	0	0	0	0	200,000
Revenues												
169CF	Committed Funding	0	0	0	0	0	0	0	0	0	0	0
221	Service Sustainability Investm	0	0	0	0	0	0	0	0	0	0	0
221CF	Committed Funding	0	0	200,000	0	0	0	0	0	0	0	200,000
Total		0	0	200,000	0	0	0	0	0	0	0	200,000
Related Projects		Historical Approved Budget					Operating Budget Impact					
Year Identified	Start Date	Project Type for 2024			Project Lead		Est. Completion Date					
2021	January 1, 2028	Growth: 0.0 % Maintenance: 0.0 %			Deputy Fire Chief Jamie Waffle		2026`					



Project Version Summary

Project #	FRS-002-24	Service Area	Community Services
Budget Year	2024	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Operations
Title	Fire & Rescue Stations Maintenance		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

Windsor Fire and Rescue Services (WFRS) is comprised of 7 Fire stations, Apparatus and Training facility. Stations vary in age with the newest stations #5 & #6 being built in 2017 and the oldest stations #1 & #4 built in 1960's. Stations are a home base where firefighters reside 24 hours 7 days a week and are deployed as teams when called upon adhering to the set response times and delivery of appropriate services like fire attack, medical emergencies, automobile accidents etc.

Version Description

WFRS facilities have limited resources available for maintenance of its facilities. Corporate facilities is responsible for buildings and integrated systems such as heating, cooling, plumbing etc. The second funding source is WFRS' own operating budget of \$13,500 to maintain stations internal fixtures like appliances, furniture, as well as external landscaping. This budget is too low and only items that are in dire need are replaced, other items are repaired or somehow improvised to extend far beyond the item's realistic usable life. New stations built over the last 8 years helped to reduce building and component repairs so that the existing budget could be used to support the older stations, however; the newer stations are now in need of furniture replacements and increased maintenance creating additional pressure on the budget. The demand placed on appliances and furnishings is such that industrial /commercial items make the most sense. While these items are more expensive to purchase, they are able to withstand the physical demands placed on them and last many times longer than less expensive residential quality items would. A modest Capital budget is requested that will facilitate years to come moderate maintenance or replacement of furniture and appliances within fire halls. The operating budget will continue to be utilized for smaller expenses such as cooking accessories, lawn mover, washer, dryer, etc.

Project Comments/Reference

Version Comments

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5130 Furniture & Furnishings	0	20,000	0	0	0	0	20,000	0	0	100,000	140,000
Total	0	20,000	0	0	0	0	20,000	0	0	100,000	140,000
Revenues											
221 Service Sustainability Investm	0	20,000	0	0	0	0	20,000	0	0	100,000	140,000
Total	0	20,000	0	0	0	0	20,000	0	0	100,000	140,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2024	January 1, 2024	Growth: 0.0 % Maintenance: 0.0 %	Mike Mio/Deputy Fire Chief Jamie Waffle	Ongoing`



Project Version Summary

Project #	FRS-003-13	Service Area	Community Services
Budget Year	2024	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Operations
Title	Replacement of Fire Station #1 (Goyeau)		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	Ward 3, City Wide		
Version Name	Main (Active)		

Project Description

The current building for Station #1 and HQ was built in 1967 and is in extremely poor condition. The building is in need of substantial repairs which are very costly and only serve as stopgap measures. Additionally, there is insufficient space for the department to operate efficiently. Windsor Fire and Rescue is wrapping up a 2023 Fire Master Plan. Recommendations state that due to Windsor's current population and economic growth some restructure of current locations and departments are warranted. Consultants' full recommendations were presented and approved by Council in the fall of 2023. One of the recommendations is the moving and consolidation of the Training, Apparatus and Administration divisions from current locations to a single location in the annexed area of the City.

Version Description

This project would mean that rather than build a new headquarters downtown only a station would be required. One of the challenges of building a station downtown is the limited availability of a suitable site. The current location is perfectly situated. By reducing the overall build requirements, a new Station 1 could remain on the same property. Demolition of current Headquarters and Fire prevention buildings would result in a suitably sized lot in the best location. The logistics of such a project would be difficult but not insurmountable.

Currently Station 1/HQ is experiencing repairs that take days to fix. Heating and air conditioning failures occur regularly. These systems often take long time to be repaired due to difficulty in acquiring parts. The aging boiler system fails regularly which requires fire crews to go without hot water for extended periods while awaiting repair(s). Significant rains often lead to flooding of the basement where much of technology for the Emergency Communications centre is housed. The new build for station 1 only at this location will provide an accessible, energy efficient facility that meets the current and future needs of Windsor Fire and Rescue Services.

This project establishes the most efficient way to tackle the infrastructure and service delivery issues the department currently faces along with properly positioning the department for the future. Related project to house what's been moved from Goyeau property is FRS-004-24.

Estimated cost of the New station 1 in 2029 (including 4% annual construction inflation) is \$12,700,000
 Estimate cost for demolition of existing station 1 in 2030 (including 4% annual construction inflation) is \$2,700,000

Project Comments/Reference

Version Comments

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Project Detailed Forecast													
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total	
Expenses													
5410	Construction Contracts - TCA	372,517	0	0	0	1,556,816	2,053,008	938,008	1,804,799	5,887,369	1,460,000	14,072,517	
Total		372,517	0	0	0	1,556,816	2,053,008	938,008	1,804,799	5,887,369	1,460,000	14,072,517	
Revenues													
169	Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0	
221	Service Sustainability Investm	372,517	0	0	0	1,556,816	2,053,008	938,008	1,804,799	5,887,369	1,460,000	14,072,517	
Total		372,517	0	0	0	1,556,816	2,053,008	938,008	1,804,799	5,887,369	1,460,000	14,072,517	
Related Projects		Historical Approved Budget					Operating Budget Impact						
Follows				Revenue			Effective Date		Unknown	Exp/(Rev)		FTE Impact	
FRS-004-24		Year	Total Expense	Net City Cost		Subsidies	Description					0	0
Project Title		2022	200,000	200,000		0	Change to the annual Operating budget for Utilities may be required.						
New WFRS Administration, Training and Apparatus Complex		2023	1,127,483	1,127,483		0							
Year Identified	Start Date	Project Type for 2024		Project Lead			Est. Completion Date						
2013	January 1, 2027	Growth: 0.0 % Maintenance: 100.0 %		Deputy Fire Chief Jamie Waffle/Fire Chief Stephen Laforet			2033`						



Project Version Summary

Project #	FRS-003-19	Service Area	Community Services
Budget Year	2024	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Operations
Title	Re-alignment of Fire & Rescue Apparatus Facility		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	Ward 3		
Version Name	Main (Active)		

Project Description

Windsor Fire and Rescue is wrapping up a 2023 Fire Master Plan. Recommendations state that due to Windsor's current population and economic growth some restructure of current locations and departments are warranted. Consultants' full recommendations were presented and approved by Council in the fall of 2023.

Windsor Fire & Rescue Services (WFRS) 2018 - 2023 Strategic plan identified the need to evaluate and enhance current training practices, facilities and equipment. This project plays a critical role in ability to accomplish this task in order to pursue, achieve and maintain accreditation with the CFAI (Commission on Fire Accreditation International) to better serve our community and to embrace excellence.

Version Description

One of the main challenges with the facility is the crowding of both Training and Apparatus divisions. Training division has one small classroom, which is an open and shared space with the Apparatus division. Training division is in need of new space to accommodate 2 appropriately sized classrooms that can provide in-service training and can be run concurrently with specific classes such as recruit, officer, auto-x, medical and other specialty programs. A separate building with appropriate components for an effective and efficient training division is needed and the need is steadily growing with changes in the regulatory criteria that must be meet. As per the 2023 Fire Master Plan recommendation, Fire Management Team and the CLT (City Solicitor) recommend combining training & apparatus division with the Headquarter Complex project (FRS-004-24). The funding request from this project will be allocated to FRS-004-24 New Headquarter Complex to fund the current shortfall in funding.

In the event that New Headquarter Complex plan does not materialize, the current building will have to be re-configured to fit operations of both departments. Apparatus will need an additional bay to allow more timely repairs and maintenance of Windsor fire apparatus and equipment while training will require an addition to the building to build a classroom fit to hold today's training requirements. This funding serves as seed money to either of the two projects in order to sustain future operations.

Project Comments/Reference

Version Comments

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	0	0	0	0	0	0	400,000	0	0	400,000
Total	0	0	0	0	0	0	0	400,000	0	0	400,000
Revenues											
221 Service Sustainability Investm	0	0	0	0	0	0	0	400,000	0	0	400,000
Total	0	0	0	0	0	0	0	400,000	0	0	400,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2019	March 1, 2030	Growth: 0.0 % Maintenance: 0.0 %	Deputy Fire Chief Jamie Waffle/Fire Chief Stephen Laforet	2031



Project Version Summary

Project #	FRS-003-20	Service Area	Community Services
Budget Year	2024	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Operations
Title	Fire & Rescue Washer Extractor		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	Ward 9, Ward 10		
Version Name	Main (Active)		

Project Description

A Washer Extractor is a commercial clothes washing machine designed to accommodate heavy duty clothing such as bunker gear and extracts contaminants from the garment more effectively than regular washing machines. Bunker Gear, sometimes referred to as turnout gear, is the pant and coat ensemble worn by firefighters that protects their body from thermal injury when fighting a fire and is worn with other items to provide full body and respiratory protection for firefighters.

Regular cleaning through the utilization of an extractor washer is part of NFPA 1851 – Standard on Selection Care and Maintenance of Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting. Clean bunker gear is an essential part of WFRS' cleaning and maintenance program which is aimed at reducing workplace exposures to the carcinogens generated at every fire.

Version Description

Clean firefighting gear is one of the most effective ways to reduce exposure to fire borne carcinogens. When gear is not cleaned properly, the carcinogens generated at a fire remain on the gear thus exposing the wearer until the gear is eventually cleaned. WFRS requires firefighters to clean gear regularly and after operating at a fire where the gear has been contaminated. It is not uncommon for a washer extractor to be used for multiple washing cycles daily.

Use of a washer extractor is a critical component of the department's overall cleaning and maintenance program for bunker gear. In addition to regular in-house cleaning, NFPA 1851 requires the gear to be sent to a certified third-party service provider for inspection and repairs.

Project Comments/Reference

Version Comments

WFRS requires replacement of a Washer Extractor in two Stations that will reach end of useful life (10 years) in 2027.

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5111 Machinery & Equipment -Non TCA	0	0	0	0	25,000	0	50,000	0	0	0	75,000
Total	0	0	0	0	25,000	0	50,000	0	0	0	75,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	50,000	0	0	0	50,000
221 Service Sustainability Investm	0	0	0	0	25,000	0	0	0	0	0	25,000
Total	0	0	0	0	25,000	0	50,000	0	0	0	75,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2020	July 1, 2028	Growth: 0.0 % Maintenance: 0.0 %	Mike Mio/Deputy Fire Chief Jamie Waffle	2030



Project Version Summary

Project #	FRS-003-22	Service Area	Community Services
Budget Year	2024	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Operations
Title	Decontamination Unit for Personal Protective Equipment (PPE)		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

When fighting a fire, protective gear including SCBA, helmets, face pieces, boots and gloves (PPE) are worn in conjunction with bunker gear to provide full protection of a firefighter’s torso, extremities, head and respiratory system. While fighting fires, these items become contaminated with soot and the products of combustion, all of which are known carcinogens. Proper cleaning and decontamination of all protective gear worn by a firefighter is the best way to reduce exposure to products generated at a fire.

Version Description

Other than bunker gear, firefighters currently clean their personal protective equipment by hand. Hand cleaning is time consuming and the overall effectiveness varies from one firefighter to the next. In the last several years automated decontamination units have become available. These units are capable of cleaning all surfaces no matter how hard to reach they may be and provide through and consistent results every time. These units use water temperature, time and chemo-mechanical action to provide exceptional cleaning while also utilizing charcoal filter system that creates the cleanest wash water possible by stopping the contaminants from ever leaving the filter system. With cancer rates on the rise at WFRS, a way to reduce the risks associated with contaminated gear is much desired.

WFRS currently owns one decontamination unit purchased in 2021 by a grant from Firehouse Subs Public Safety Foundation of Canada as per CAO 220/2021. The results from this unit have been exceptional however one machine does not meet the demands of the department.

The funding request in 2026 is for the purchase of a second unit in order to increase the department’s ability to clean more PPE mechanically rather than by hand. The funding in 2030 is to replace to original unit purchased in 2021.

Project Comments/Reference

Version Comments

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5110 Machinery & Equipment - TCA	0	0	40,000	0	0	0	50,000	0	0	0	90,000
Total	0	0	40,000	0	0	0	50,000	0	0	0	90,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	50,000	0	0	0	50,000
221 Service Sustainability Investm	0	0	40,000	0	0	0	0	0	0	0	40,000
Total	0	0	40,000	0	0	0	50,000	0	0	0	90,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2022	January 31, 2026	Growth: 0.0 % Maintenance: 0.0 %	Deputy Chief Jamie Waffle	2030



Project Version Summary

Project #	FRS-003-24	Service Area	Community Services
Budget Year	2024	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Operations
Title	WFRS - Steel Building Equipment Storage		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards			
Version Name	Main (Active)		

Project Description

Windsor Fire & Rescue Services (WFRS) 2018 - 2023 Strategic plan identified the need to evaluate and enhance current training practices, facilities and equipment. This will help achieve and maintain accreditation with the CFAI (Commission on Fire Accreditation International) to better serve our community and to embrace excellence. Since 2018, through Capital budget and other funding resources (eg. Fire Training Reserve, Hazmat and USAR grants) additional equipment has been acquired that is vital in providing firefighters with training that keeps them safe while mitigating emergency situations in the community.

Version Description

WFRS Apparatus facility is located on Kew Drive and while property is large enough, the enclosed space required to keep equipment safe and weather protected is unavailable. Some of the equipment currently sitting outside are training trailers, lift truck, survival trailer, forcible entry prop, etc. The useful life of equipment can be significantly prolonged and cost of maintenance reduced by storing the equipment indoors. The enclosure would also keep expensive equipment away from the public eye preventing the motivation for vandalism or theft as area has recently grown in population.

Project Comments/Reference	Version Comments

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	50,000	50,000	0	0	0	0	0	0	100,000	200,000
Total	0	50,000	50,000	0	0	0	0	0	0	100,000	200,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	100,000	100,000
6310 Ontario Specific Grants	0	50,000	50,000	0	0	0	0	0	0	0	100,000
Total	0	50,000	50,000	0	0	0	0	0	0	100,000	200,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2024		Growth: 0.0 % Maintenance: 0.0 %	TBD	2033



Project Version Summary

Project #	FRS-004-24	Service Area	Community Services
Budget Year	2024	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Operations
Title	New WFRS Administration, Training and Apparatus Complex		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards			
Version Name	Main (Active)		

Project Description

The current building for Station #1 and HQ was built in 1967 and is in extremely poor condition. The building is in need of substantial repairs which are very costly and only serve as stopgap measures. Additionally, there is insufficient space for the department to operate efficiently. Windsor Fire and Rescue is wrapping up a 2023 Fire Master Plan. Recommendations state that due to Windsor's current population and economic growth some restructure of current locations and departments are warranted. Consultants' full recommendations were presented and approved by Council in the fall of 2023. One of the recommendations is the moving and consolidation of the Training, Apparatus and Administration divisions from current locations to a single location in the annexed area of the City.

Version Description

This project funding is planned to move Headquarters, Fire Prevention, Apparatus and Training to an appropriate location in the annexed area of the City. This area is undergoing significant development such as the hospital and the NextStar EV battery manufacturing plant. These projects will serve as the foundation of future development which will result in need to build a new fire station to service the needs of the newly developed area. Starting the acquisition of the available lands now and building what is currently in urgent need of replacement to operate effectively will also include planning for an additional Fire Station build when it becomes required.

The current Training and Apparatus divisions are limited by space and their location within the City. As Fire apparatus standards evolve, the time required to properly maintain and service a fire truck increases annually. Where an annual NFPA inspection took one week to complete it can now take up to three. This has resulted in a backlog of service work which has limited the department's ability to bring on new customers. The current training division has one small classroom and has had to split outdoor training between two different locations. Outdoor training evolutions that generate smoke often result in complaints from neighbouring businesses. The department attempts to minimize the disruption to neighbours by choosing days when the wind will carry the smoke away from neighbours. This reduces the number of available training days creating additional pressure on the division to accomplish its training goals and stay on schedule. A new facility will allow the training division to use new technology. Internet speed, lack of space and the ad hoc nature in which the training division has evolved have resulted in a training space that cannot be easily adapted to utilize new technology.

The full cost including inflationary pressures of this plan is \$36.2M.

Project Comments/Reference

Version Comments

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Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	0	0	0	0	0	2,341,963	11,418,037	500,000	0	0	14,260,000
Total		0	0	0	0	0	2,341,963	11,418,037	500,000	0	0	14,260,000
Revenues												
169	Pay As You Go - Capital Reserve	0	0	0	0	0	2,341,963	11,418,037	500,000	0	0	14,260,000
221	Service Sustainability Investm	0	0	0	0	0	0	0	0	0	0	0
Total		0	0	0	0	0	2,341,963	11,418,037	500,000	0	0	14,260,000
Related Projects		Historical Approved Budget				Operating Budget Impact						
Precedes FRS-003-13												
Project Title Replacement of Fire Station #1 (Goyeau)												
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date						
2024	January 1, 2027	Growth: 0.0 % Maintenance: 0.0 %		Fire Chief Stephen Laforet		2033`						



Project Version Summary

Project #	FRS-005-07	Service Area	Community Services
Budget Year	2024	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Operations
Title	Heavy Hydraulics Replacement-Auto Extrication		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

The replacement plan for auto extrication tools and industrial accident heavy hydraulics is directly related to the life-cycle of the equipment. WFRS currently has 4 auto extrication units. In 2020 there were 129 vehicle accidents where people were trapped and these units were potentially utilized. Additionally, firefighters use the equipment regularly for training purposes.

Version Description

Heavy hydraulic replacement consists of auto cutters, spreaders and rams also known as auto extrication tools. The current equipment is hydraulic based and to be more environmentally conscious WFRS plans to purchase an electronic/battery operated units which are more commonly used in the industry today.

Existing equipment is 8 years old today (2023), the useful life is 10-15 years, the replacement is important for continued service delivery. Recent inflationary pressure created a shortfall in the original funding of \$200,000 in 2028. WFRS reconsidered its 10 year Capital plan and was able to re-prioritise additional funding from other projects in years 2026 & 2030 to fit the existing envelope of funds.

Project Comments/Reference	Version Comments
Closed: 7121013	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5110	Machinery & Equipment - TCA	0	0	50,000	0	200,000	0	50,000	0	0	0	300,000
	Total	0	0	50,000	0	200,000	0	50,000	0	0	0	300,000
Revenues												
169	Pay As You Go - Capital Reserve	0	0	0	0	0	0	50,000	0	0	0	50,000
221	Service Sustainability Investm	0	0	50,000	0	200,000	0	0	0	0	0	250,000
	Total	0	0	50,000	0	200,000	0	50,000	0	0	0	300,000

Related Projects		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>2012</td> <td>110,000</td> <td>110,000</td> <td>0</td> </tr> <tr> <td>2014</td> <td>115,000</td> <td>115,000</td> <td>0</td> </tr> </tbody> </table>		Year	Total Expense	Revenue		Net City Cost	Subsidies	2012	110,000	110,000	0	2014	115,000	115,000	0	
Year	Total Expense	Revenue																	
		Net City Cost	Subsidies																
2012	110,000	110,000	0																
2014	115,000	115,000	0																
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date															
2007	January 31, 2026	Growth: 0.0 % Maintenance: 0.0 %	Brent Paisley/ Deputy Chief Jonathan Wilker	2030															



Project Version Summary

Project #	FRS-007-18	Service Area	Community Services
Budget Year	2024	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Operations
Title	Thermal Imaging Camera - Fire & Rescue Services		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project 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. 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. The image created is based on the contrast of infrared radiation energy that exists between objects that are of different temperatures.

Version Description

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 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 Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5110 Machinery & Equipment - TCA	0	0	0	0	50,000	50,000	0	0	0	0	100,000
Total	0	0	0	0	50,000	50,000	0	0	0	0	100,000
Revenues											
221 Service Sustainability Investm	0	0	0	0	50,000	50,000	0	0	0	0	100,000
Total	0	0	0	0	50,000	50,000	0	0	0	0	100,000

Related Projects		Historical Approved Budget			Operating Budget Impact	
			<u>Revenue</u>			
		<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	
		2023	50,000	50,000	0	
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date		
2018	December 31, 2022	Growth: 0.0 % Maintenance: 0.0 %	Mike Mio/Deputy Fire Chief Jamie Waffle	2029		



Project Version Summary

Project #	FRS-002-07	Service Area	Community Services
Budget Year	2024	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Support Services
Title	Fire & Rescue Computer-aided Dispatch System		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

The Computer Aided Dispatch (CAD) system is a major component of the Windsor Fire and Rescue, Emergency Communications Division (Dispatch) as it provides speed and accuracy on processing emergency calls for the City of Windsor.

Version Description

Along with processing emergency calls, the CAD system also provides important features vital for firefighting and rescue operations such as; location, the type of hazardous materials, location of physically challenged citizens, location and size of hydrants, special warnings, fire pre-planning information, etc. The City of Windsor also sells dispatching service to five other municipalities for a fee as approved in the Fire & Rescue's User fee schedule.

On-going upgrades to the CAD system are required to keep it compatible and compliant with changing technology. Historically, \$50,000 has been required every 3-years since 2013 and this amount has been proven sufficient. It is anticipated that with NextGen 911 Federal legislation internet based conversion in 2025, the upgrade requirement will remain the same.

Project Comments/Reference	Version Comments
Closed: 7101012 7131006 7161037	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5125 Computers - PCs	0	0	50,000	0	0	50,000	0	0	50,000	0	150,000
Total	0	0	50,000	0	0	50,000	0	0	50,000	0	150,000
Revenues											
170 Pay As You Go - Leasing Reserve	0	0	50,000	0	0	50,000	0	0	50,000	0	150,000
Total	0	0	50,000	0	0	50,000	0	0	50,000	0	150,000

Related Projects		Historical Approved Budget			Operating Budget Impact																						
Follows FRS-004-19 Project Title WFRS - Next Gen 911 Telecommunications Rehabilitation Program Precedes ITC-001-12 Project Title Fire and Rescue Records Management and Computer Aided Dispatch System Initiatives		<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>2010</td> <td>180,000</td> <td>180,000</td> <td>0</td> </tr> <tr> <td>2013</td> <td>40,000</td> <td>40,000</td> <td>0</td> </tr> <tr> <td>2016</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> </tbody> </table>			Year	Total Expense	Revenue		Net City Cost	Subsidies	2010	180,000	180,000	0	2013	40,000	40,000	0	2016	50,000	50,000	0	2020	50,000	50,000	0	
Year	Total Expense	Revenue																									
		Net City Cost	Subsidies																								
2010	180,000	180,000	0																								
2013	40,000	40,000	0																								
2016	50,000	50,000	0																								
2020	50,000	50,000	0																								
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date																							
2007	January 1, 2023	Growth: 0.0 % Maintenance: 0.0 %	Deputy Fire Chief Jonathan Wilker	Ongoing - every 3 years`																							



Project Version Summary

Project #	FRS-004-07	Service Area	Community Services
Budget Year	2024	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Support Services
Title	Firefighter Self-Contained Breathing Apparatus (SCBA) Replacement		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
 Self Contained Breathing Apparatus (SCBA) is the most important equipment in protecting the health and safety of firefighters, providing the firefighter with the ability to breathe and communicate while working in hazardous environments such as structure fires, vehicle fires and hazardous materials incidents.

Version Description
 The SCBA equipment currently in service was purchased in 2016 and WFRS anticipates replacement of the equipment will be required in year 2029. Fire & Rescue performs regular maintenance and software upgrades to the SCBA equipment to allow for longer usage and decreased maintenance cost in years nearing end of life. Therefore, funding in 2029 is a placeholder for planning purposes and will be revised to best meet replacement time vs. maintenance cost. Having a dedicated funding source allows for this flexibility and ensures the equipment can be replaced at the most appropriate time.

Project Comments/Reference	Version Comments
Closed: 7071069 7111033 7121012	Operating Budget approved establishment of Self-Contained Breathing Apparatus (SCBA) Reserve (Acc.1794) with an annual contribution of \$125,000 towards the future replacement.

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5110 Machinery & Equipment - TCA	0	0	0	0	0	1,400,000	0	0	0	0	1,400,000
Total	0	0	0	0	0	1,400,000	0	0	0	0	1,400,000
Revenues											
221 Service Sustainability Investm	0	0	0	0	0	0	0	0	0	0	0
7058 TRANSFER From Reserve Account	0	0	0	0	0	1,400,000	0	0	0	0	1,400,000
Total	0	0	0	0	0	1,400,000	0	0	0	0	1,400,000

Related Projects		Historical Approved Budget			Operating Budget Impact	
			Revenue			
		Year	Total Expense	Net City Cost	Subsidies	
		2007	220,000	220,000	0	
		2011	20,000	20,000	0	
		2012	600,000	600,000	0	
		2016	200,000	200,000	0	
		2018	300,000	300,000	0	
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date	
2007	January 1, 2029	Growth: 0.0 % Maintenance: 0.0 %		Deputy Fire Chief Jamie Waffle	2029	



Project Version Summary

Project #	FRS-004-19	Service Area	Community Services
Budget Year	2024	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Support Services
Title	WFRS - Next Gen 911 Telecommunications Rehabilitation Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

Effective communications is the most critical aspect of public safety. This consists of communications with the public, communications with the firefighters, Windsor Fire and Rescue staff and other emergency services. Emergency communications is about to enter a significant and sustained period of transformation which will be legislated in year 2025. This will include a move to Next Generation 911 (NG911) and the implementation of the North American public safety broadband spectrum. Replacement of the aging telephone system at WFRS headquarters will be required in order to accommodate the new technology.

Version Description

Telecommunication upgrade involves receiving the information in many forms like text messages, pictures, video, and telematics that will be sent directly to 911 from a variety of devices. Fire & Rescue's communication ability will require technological upgrades or replacements to all equipment, hardware, software, and workstations. Fully functioning back up site, compliant with Next Generation 911, is also included in this project should the functionality be lost at the primary site.

Ontario government announced grant funding opportunities to enhance the provinces' 9-1-1 emergency response system. The funding is focused on supporting the conversion from municipalities' current PSAP system and transitioning to the new NG9-1-1 network. WFRS applied for this grant and successfully received \$1.2M. Realizing that significant capital investment is required, grant became an important piece of funding in addition to what is already allocated in this project.

Project Comments/Reference	Version Comments
7227000	COMMITMENT: CR68/2022 C 12/2022: 2024 F221 \$300,000 - 2025 F169 \$500,000 - 2025 F221 \$1,100,000

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5110	Machinery & Equipment - TCA	300,000	1,600,000	0	0	0	0	0	0	0	0	1,900,000
	Total	300,000	1,600,000	0	0	0	0	0	0	0	0	1,900,000
Revenues												
169	Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0
169CF	Committed Funding	0	500,000	0	0	0	0	0	0	0	0	500,000
221	Service Sustainability Investm	0	0	0	0	0	0	0	0	0	0	0
221CF	Committed Funding	300,000	1,100,000	0	0	0	0	0	0	0	0	1,400,000
	Total	300,000	1,600,000	0	0	0	0	0	0	0	0	1,900,000

Related Projects		Historical Approved Budget			Operating Budget Impact													
Precedes FRS-002-07 Project Title Fire & Rescue Computer-aided Dispatch System		<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>2020</td> <td>125,000</td> <td>125,000</td> <td>0</td> </tr> <tr> <td>2021</td> <td>225,000</td> <td>225,000</td> <td>0</td> </tr> </tbody> </table>	Year	Total Expense	Revenue		Net City Cost	Subsidies	2020	125,000	125,000	0	2021	225,000	225,000	0	Effective Date Unknown Description Operating budget is set up under Corporate IT account and is identified in detail through signed Legal agreement with Windsor Police Services.	Exp/(Rev) 0 FTE Impact 0
Year	Total Expense	Revenue																
		Net City Cost	Subsidies															
2020	125,000	125,000	0															
2021	225,000	225,000	0															
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date														
2019	January 31, 2021	Growth: 0.0 % Maintenance: 100.0 %	Deputy Fire Chief Jonathan Wilker	2025														



Project Version Summary

Project #	FRS-004-22	Service Area	Community Services
Budget Year	2024	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Support Services
Title	Fire & Rescue Emergency Vehicle Pre-Emption (EVP)		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

The traffic pre-emption technology (Opticom) currently used by Windsor Fire and Rescue is antiquated and the associated equipment requires extensive adjustment and maintenance. Emergency Vehicle Pre-emption (EVP) technology will allow for the control of all traffic signals throughout the city through connections via the KITS Advance Traffic Management System and utilizes existing GPS technology to identify vehicle locations and vehicle speed. 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.

Version Description

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. The KITS Emergency Vehicle Pre-emption (EVP) module will work in conjunction with the KITS Transit Signal Priority (TSP), currently being considered by Windsor Transit. Further, this system - once operational - could be expanded to include other agencies such as Police and EMS, all of which could leverage this investment.

Total projected modules for the .Emergency Vehicle Pre-emption (EVP) system include:

- Controllers & Communications Network
- KITS System Development and Integration Costs
- Utilizes GPS equipment currently installed on Fire Apparatus

Project Comments/Reference

7224007

Version Comments

COMMITTED:
CR292/2022 S 71/2022: 2025 F221 \$600K

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5110 Machinery & Equipment - TCA	0	600,000	0	0	0	0	0	0	0	0	600,000
Total	0	600,000	0	0	0	0	0	0	0	0	600,000
Revenues											
221 Service Sustainability Investm	0	0	0	0	0	0	0	0	0	0	0
221CF Committed Funding	0	600,000	0	0	0	0	0	0	0	0	600,000
Total	0	600,000	0	0	0	0	0	0	0	0	600,000

Related Projects		Historical Approved Budget		Operating Budget Impact	
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date	
					<p style="text-align: right;">Effective Date Unknown Exp/(Rev) FTE Impact</p> <p>Description 0 0</p> <p>Annual subscription to Kimley Horn Traction Gold is required for a total amount of \$71,120 cost shared by PW Traffic, Transit Windsor and Fire & Rescue. Fire and Rescue's portion is \$22,940 and will be commencing in year 2025 brought forward through Operating budget process.</p>
2015	January 31, 2025	Growth: 0.0 % Maintenance: 0.0 %	Fire Chief Stephen Laforet / Deputy Fire Chief Jonathan Wilker	2026`	



Project Version Summary

Project #	FRS-005-18	Service Area	Community Services
Budget Year	2024	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Support Services
Title	Shop Air-Compressor		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project 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.

Version Description

The Shop Air-Compressor is approximately 17 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 Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5110	Machinery & Equipment - TCA	25,000	0	0	0	0	0	0	0	0	0	25,000
	Total	25,000	0	0	0	0	0	0	0	0	0	25,000
Revenues												
221	Service Sustainability Investm	25,000	0	0	0	0	0	0	0	0	0	25,000
	Total	25,000	0	0	0	0	0	0	0	0	0	25,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2018	July 1, 2024	Growth: 0.0 % Maintenance: 100.0 %	Brent Paisley/Deputy Fire Chief Jonathan Wilker	2024



Project Version Summary

Project #	FRS-006-18	Service Area	Community Services
Budget Year	2024	Department	Fire & Rescue
Asset Type	Unassigned	Division	Fire Support Services
Title	Hoist Replacement		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project 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.

Version Description

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 current aging hoist is no longer compatible with the fleet; the head section which makes contact with the underside of the vehicle is not adjustable making the safe lifting of some of WFRS' units impossible. 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.

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 Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5110	Machinery & Equipment - TCA	0	0	0	0	240,000	60,000	0	0	0	0	300,000
	Total	0	0	0	0	240,000	60,000	0	0	0	0	300,000
Revenues												
221	Service Sustainability Investm	0	0	0	0	240,000	60,000	0	0	0	0	300,000
	Total	0	0	0	0	240,000	60,000	0	0	0	0	300,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2018	July 1, 2028	Growth: 0.0 % Maintenance: 0.0 %	Brent Paisley/Deputy Fire Chief Jonathan Wilker	2029



Project Version Summary

Project #	WPL-001-17	Service Area	Community Services
Budget Year	2024	Department	Library Services
Asset Type	Unassigned	Division	Administration - Library
Title	Windsor Public Library Refurbishments		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Agencies, Boards and Committees (ABC's)		
Wards	City Wide		
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, shelving improvements and study surfaces every 8 to 10 years to protect the capital investment and assure sustainability. WPL Administration maintains a refurbishment plan and carries out priorities based on the capital budget allocation provided by the City.

Version Description
 Current priorities include however are not limited to painting, flooring replacements, shelving improvements and furniture replacements at various WPL branches

Project Comments/Reference	Version Comments
7219016	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5130	Furniture & Furnishings	46,000	46,000	31,000	48,000	0	0	0	138,000	98,000	100,000	507,000
	Total	46,000	46,000	31,000	48,000	0	0	0	138,000	98,000	100,000	507,000
Revenues												
169	Pay As You Go - Capital Reserve	46,000	46,000	31,000	48,000	0	0	0	138,000	98,000	100,000	507,000
	Total	46,000	46,000	31,000	48,000	0	0	0	138,000	98,000	100,000	507,000

Related Projects	Historical Approved Budget				Operating Budget Impact			
			Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
	Year	Total Expense	Net City Cost	Subsidies	Description		0	0
	2021	71,344	71,344	0	No Operating Budget Impact			
	2022	89,180	89,180	0				
2023	33,752	33,752	0					

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
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2017	January 1, 2019	Growth: 0.0 % Maintenance: 100.0 %	Christine Rideout-Arkell	Ongoing`
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Project Version Summary

Project #	WPL-001-20	Service Area	Community Services
Budget Year	2024	Department	Library Services
Asset Type	Unassigned	Division	Administration - Library
Title	WPL Electronic Signs		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Agencies, Boards and Committees (ABC's)		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	Purchase and installation of electronic signs at select library facilities.										
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Version Description	This project provides funding to expand the number of branches with digital signage in order to draw attention to the library community partners as well as promote programs, services and library resources.										
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Project Comments/Reference						Version Comments					
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Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5130 Furniture & Furnishings	0	0	0	0	0	90,000	0	92,000	68,000	0	250,000
Total	0	0	0	0	0	90,000	0	92,000	68,000	0	250,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	0	0	90,000	0	92,000	68,000	0	250,000
Total	0	0	0	0	0	90,000	0	92,000	68,000	0	250,000

Related Projects	Historical Approved Budget				Operating Budget Impact		

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
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2020		Growth: 0.0 % Maintenance: 0.0 %	TBD	2032`
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Project Version Summary

Project #	WPL-001-23	Service Area	Community Services
Budget Year	2024	Department	Library Services
Asset Type	Unassigned	Division	Administration - Library
Title	Equipment Upgrades		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Agencies, Boards and Committees (ABC's)		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	Upgrade the recording and editing equipment in the Digital Branch and upgrades to customer technology hubs.
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Version Description	
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Project Comments/Reference	Version Comments
	2027 funds for \$17,000 are requested to be pre-committed to 2024 in order to purchase necessary equipment for the Digital Branch required sooner than the allocated funding year.

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	0	0	17,000	0	0	0	0	25,000	0	42,000
Total	0	0	0	17,000	0	0	0	0	25,000	0	42,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	17,000	0	0	0	0	25,000	0	42,000
Total	0	0	0	17,000	0	0	0	0	25,000	0	42,000

Related Projects	Historical Approved Budget	Operating Budget Impact

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
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2023		Growth: 0.0 % Maintenance: 0.0 %	TBD	TBD`
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Project Version Summary

Project #	WPL-002-18	Service Area	Community Services
Budget Year	2024	Department	Library Services
Asset Type	Unassigned	Division	Administration - Library
Title	Windsor Public Library Materials Acquisitions		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Agencies, Boards and Committees (ABC's)		
Wards	City Wide		
Version Name	Main (Active)		

Project 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.

Version Description

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 to use Development Charge funding to support library collections and outreach in areas where a public library is not easily accessible.

Project Comments/Reference	Version Comments
7145000	

Project Detailed Forecast												
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total	
Expenses												
2085 Publications and Manuals	150,000	150,000	150,000	133,000	200,000	200,000	0	150,000	225,000	150,000	1,508,000	
Total	150,000	150,000	150,000	133,000	200,000	200,000	0	150,000	225,000	150,000	1,508,000	
Revenues												
122 Dev Chg - Library	75,000	75,000	75,000	75,000	75,000	75,000	0	150,000	0	125,000	725,000	
169 Pay As You Go - Capital Reserve	75,000	75,000	75,000	58,000	125,000	125,000	0	0	225,000	25,000	783,000	
Total	150,000	150,000	150,000	133,000	200,000	200,000	0	150,000	225,000	150,000	1,508,000	

Related Projects		Historical Approved Budget			Operating Budget Impact
			Revenue		
		Year	Total Expense	Net City Cost	Subsidies
		2019	175,000	175,000	0
		2020	150,000	150,000	0
		2021	150,000	150,000	0
		2022	125,000	125,000	0
		2023	125,000	125,000	0
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date	
2018	January 1, 2022	Growth: 0.0 % Maintenance: 100.0 %	TBD	Ongoing`	



Project Version Summary

Project #	WPL-002-20	Service Area	Community Services
Budget Year	2024	Department	Library Services
Asset Type	Unassigned	Division	Administration - Library
Title	Library Self Checkouts		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Agencies, Boards and Committees (ABC's)		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	Scheduled replacement of Library self-checkout machines and other necessary technology and equipment.										
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Version Description											
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Project Comments/Reference						Version Comments					
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Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5110 Machinery & Equipment - TCA	0	0	0	0	40,000	40,000	80,000	55,000	150,000	0	365,000
Total	0	0	0	0	40,000	40,000	80,000	55,000	150,000	0	365,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	0	40,000	40,000	80,000	55,000	150,000	0	365,000
Total	0	0	0	0	40,000	40,000	80,000	55,000	150,000	0	365,000

Related Projects	Historical Approved Budget				Operating Budget Impact		

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
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2020		Growth: 0.0 % Maintenance: 0.0 %	TBD	TBD`
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Project Version Summary

Project #	ENG-006-17	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities Operations
Title	Windsor International Aquatic Training Centre – Ongoing Capital Maintenance		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	Ward 3		
Version Name	Main (Active)		

Project 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.

Version Description

The funding will be assigned on a priority basis depending upon the areas of greatest needs.

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	Version Comments
7189001	COMMITMENTS: CR394/2023 C 131/2023: 2024 F209 \$150,000

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	971,500	568,500	150,000	150,000	300,000	300,000	300,000	350,000	180,000	2,000,000	5,270,000
	Total	971,500	568,500	150,000	150,000	300,000	300,000	300,000	350,000	180,000	2,000,000	5,270,000
Revenues												
151	Parks/Rec/Facil Acquis Funding	821,500	418,500	150,000	150,000	300,000	300,000	300,000	350,000	100,000	2,000,000	4,890,000
169	Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0
209	WIATC Capital Maintenance Rve	0	150,000	0	0	0	0	0	0	80,000	0	230,000
209CF	Committed Funding	150,000	0	0	0	0	0	0	0	0	0	150,000
221	Service Sustainability Investm	0	0	0	0	0	0	0	0	0	0	0
	Total	971,500	568,500	150,000	150,000	300,000	300,000	300,000	350,000	180,000	2,000,000	5,270,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2018	75,000	75,000	0				
		2019	200,000	200,000	0				
		2020	80,000	80,000	0				
		2022	150,000	150,000	0				
		2023	150,000	150,000	0				
		A minimum \$50,000 impact to operating budget per year if the non-slip floor coating is not funded.							
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date				
2017		Growth: 0.0 % Maintenance: 100.0 %		Ken Dufour	Ongoing`				



Project Version Summary

Project #	ENG-007-17	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities Operations
Title	Facility Equipment Replacement Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

To repair and replace 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.

Version Description

The following project requires an annual allotment of \$50,000 in 2024-2028, and 2031-2032 to fund the replacement of facility maintenance equipment. In addition, funding has been consolidated from Huron Lodge Environmental Services Equipment Replacement program of \$175,000 in 2026-2027, \$50,000 in 2028-2030 and \$100,000 in 2032, 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.

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	Version Comments
7221038 7152003	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	50,000	50,000	225,000	225,000	100,000	50,000	50,000	50,000	150,000	0	950,000
	Total	50,000	50,000	225,000	225,000	100,000	50,000	50,000	50,000	150,000	0	950,000
Revenues												
221	Service Sustainability Investm	50,000	50,000	225,000	225,000	100,000	50,000	50,000	50,000	150,000	0	950,000
	Total	50,000	50,000	225,000	225,000	100,000	50,000	50,000	50,000	150,000	0	950,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2022	50,000	50,000	0	Any shortfalls will be handled by the operating budget.			
		2023	50,000	50,000	0				
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date			
2017	January 1, 2022	Growth: 0.0 % Maintenance: 100.0 %		Adrian Busa		Ongoing`			



Project Version Summary

Project #	HCP-002-07	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities Operations
Title	Corporate Facilities Roof Replacement Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
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 of Windsor has several building roofs that need attention. Jobs have been prioritized and estimated according to current status.

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	Version Comments
See document attached for complete listing. 7085008	COMMITMENTS: CR394/2023 C 131/2023: 2024 F221 \$400,000

Project Detailed Forecast												
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total	
Expenses												
5410 Construction Contracts - TCA	1,300,000	400,000	1,200,000	200,000	1,150,000	2,820,000	1,560,000	1,525,000	2,300,000	1,000,000	13,455,000	
Total	1,300,000	400,000	1,200,000	200,000	1,150,000	2,820,000	1,560,000	1,525,000	2,300,000	1,000,000	13,455,000	
Revenues												
221 Service Sustainability Investm	900,000	400,000	1,200,000	200,000	1,150,000	2,820,000	1,560,000	1,525,000	2,300,000	1,000,000	13,055,000	
221CF Committed Funding	400,000	0	0	0	0	0	0	0	0	0	400,000	
Total	1,300,000	400,000	1,200,000	200,000	1,150,000	2,820,000	1,560,000	1,525,000	2,300,000	1,000,000	13,455,000	

Related Projects		Historical Approved Budget			Operating Budget Impact				
Follows ENG-005-16		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
Project Title 2437 Howard Ave. Improvements Placeholder				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				
		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				
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date				
2007	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %		Adrian Busa / Ryan Schuchard	Ongoing`				

Project # HCP-002-07

2024 Attachment - HCP-002-07 - Roof Upload

ROOF BUDGET

BUILDING	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2024-2033 Total
1231 Mercer							\$160,000				160,000
1269 Mercer									\$390,000		390,000
400 CHS			\$1,000,000								1,000,000
930 Mercer					\$0		\$230,000				230,000
Adie Knox CC	\$900,000										900,000
Atkinson Pool Park Washrooms					\$0	\$18,000					18,000
Baby House					\$0	\$45,000					45,000
Capitol Theatre					\$500,000						500,000
Capri Recreation Complex				-			\$650,000	\$1,250,000	\$1,100,000		3,000,000
Caron Ave P.S.											-
Central Heat Building at City Hall		\$20,000									20,000
Crawford Yard - Carpenter Shop				\$95,000							95,000
DND						\$1,700,000				\$600,000	2,300,000
FH1								\$275,000			275,000
Fire Apparatus (Kew Drive)		\$40,000	\$140,000								180,000
Fire Hall #3 - 2750 Ouellette Ave				\$105,000							105,000
Gino A Marcus CC	\$390,000										390,000
Jefferson Police Station TBD										\$400,000	400,000
Lanspeary Arena (overlay metal roof, plus remove/reinstall solar system)				\$0	\$0		\$340,000				340,000
Lou Romano - Dewatering, Grit, Electrical Buildings					\$0	\$650,000					650,000
Misc Parks Buildings (including shelter roofing)		\$50,000	\$50,000								100,000
North Service Road Transfer Station-Admin Bldg						\$195,000					195,000
Public Works Administration (1266 McDougall)		\$280,000									280,000
Willistead Manor, Coach House, Gate House Repairs	\$10,000	\$10,000	\$10,000								30,000
Willistead Manor, Coach House, Gate House Replacement					\$450,000				\$800,000		1,250,000
Windsor Justice Facility (WJF)				-							-
ANNUAL MAINTENANCE											
As per BCA					\$200,000	\$212,000	\$180,000		\$10,000		602,000
											-
TOTAL REQUESTED:	\$1,300,000	\$400,000	\$1,200,000	\$200,000	\$1,150,000	\$2,820,000	\$1,560,000	\$1,525,000	\$2,300,000	\$1,000,000	\$13,455,000



Project Version Summary

Project #	PFO-001-23	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities Operations
Title	Parks & Facilities Maintenance Funding		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
 This project is created for the Capital refurbishment of existing structures and amenities found with the City's 205 Parks. Additionally the refurbishment of existing structures within the Parks & Facilities Department that are utilized to carry out the effective daily operations of our parkland.

Version Description
 Specific allocation of funds to be determined on an ongoing basis by the department based upon risk assessments and asset/inventory assessments.

Project Comments/Reference	Version Comments

Project Detailed Forecast												
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total	
Expenses												
5410 Construction Contracts - TCA	0	0	40,000	0	0	0	0	0	100,000	100,000	240,000	
Total	0	0	40,000	0	0	0	0	0	100,000	100,000	240,000	
Revenues												
221 Service Sustainability Investm	0	0	40,000	0	0	0	0	0	100,000	100,000	240,000	
Total	0	0	40,000	0	0	0	0	0	100,000	100,000	240,000	

Related Projects	Historical Approved Budget	Operating Budget Impact

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date

2023		Growth: 0.0 % Maintenance: 0.0 %	James Chacko	Ongoing`
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Project Version Summary

Project #	PFO-002-19	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities Operations
Title	Fountain Restoration and Repairs		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	Ward 2		
Version Name	Main (Active)		

Project Description

This project is intended to fund capital costs for ongoing maintenance and restoration of all Facilities fountains including repainting, retiling, pump repairs, etc.

As per CR250/2022:

II. That Council DIRECT Administration to MOVE FORWARD with Option 1: Floating Fountain design concept, and that Administration PERFORM public consultation and BRING FORWARD final design, costing and funding options for presentation to Council for the 2023 Capital Budget.

The anticipated funding required for the new Peace Fountain based upon the approved conceptual plan has been included in the years 2024 to 2027. The final design will be presented to Council following the 2023 Capital Budget and additional public consultation.

Version Description

Specific work identified at this time is as follows:

- 2024 - Bert Weeks, Willstead and other fountain repairs (\$250,000)
- 2025 - Peace Fountain (\$2,874,046)
- 2026 - Peace Fountain (\$5,009,772)
- 2027 - Peace Fountain (\$660,000)
- 2033- Sandwich Fountain (\$150,000)

Project Comments/Reference

7209008 7211054

Version Comments

COMMITMENTS:
CR394/2023 C 131/2023: 2024 F221 \$250,000

Project Detailed Forecast													
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total	
Expenses													
5410	Construction Contracts - TCA	250,000	2,874,046	5,009,772	660,000	0	0	0	0	0	150,000	8,943,818	
Total		250,000	2,874,046	5,009,772	660,000	0	0	0	0	0	150,000	8,943,818	
Revenues													
169	Pay As You Go - Capital Reserve	0	624,046	363,522	500,000	0	0	0	0	0	0	1,487,568	
176	Canada Community-Building Fund	0	0	4,454,250	0	0	0	0	0	0	0	4,454,250	
214	Tourism Devlmt Infrst & Prgm	0	1,250,000	0	0	0	0	0	0	0	0	1,250,000	
221	Service Sustainability Investm	0	1,000,000	192,000	160,000	0	0	0	0	0	150,000	1,502,000	
221CF	Committed Funding	250,000	0	0	0	0	0	0	0	0	0	250,000	
Total		250,000	2,874,046	5,009,772	660,000	0	0	0	0	0	150,000	8,943,818	
Related Projects		Historical Approved Budget				Operating Budget Impact							
				Revenue				Effective Date		Unknown		Exp/(Rev) FTE Impact	
		Year	Total Expense	Net City Cost	Subsidies	Description						0	0
		2020	50,000	50,000	0	Any maintenance required prior to a full refurbishment may impact the operating budget.							
		2022	449,500	449,500	0								
		2023	2,206,182	2,206,182	0								
Year Identified	Start Date	Project Type for 2024			Project Lead		Est. Completion Date						
2019	January 1, 2019	Growth: 80.0 % Maintenance: 20.0 %			Donovan Tremblay		Ongoing`						



Project Version Summary

Project #	PFO-013-21	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities Operations
Title	Corporate Pool Equipment Maintenance Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

To repair and replace infrastructure equipment within Facilities. The 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 infrastructure equipment, such as pumps, dock leveler, and trash compactor, etc. This budget will ensure that funds are available when infrastructure equipment throughout Facilities fails or needs replacement.

Version Description

Specific work identified at this time is as follows:
 2024 - Outdoor pool equipment maintenance (\$23,000) /CHEMTROL system maintenance (\$27,000)
 2025 - Gino Marcus CHEMTROL system (\$10,000)
 2026 - Adventure Bay (\$1,000,000); Outdoor pool maintenance (\$50,000)
 2028 - Adventure Bay Sound system (\$150,000)
 2031 - BCA identified needs (\$50,000)
 2032 - BCA identified needs (\$75,000)
 2033- Outdoor Pool Maintenance (\$140,000)

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

7219012

Version Comments

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	50,000	10,000	1,050,000	0	150,000	0	0	50,000	75,000	140,000	1,525,000
Total	50,000	10,000	1,050,000	0	150,000	0	0	50,000	75,000	140,000	1,525,000
Revenues											
125 Dev Chg - Indoor Recreation	0	0	0	0	0	0	0	50,000	0	0	50,000
221 Service Sustainability Investm	50,000	10,000	1,050,000	0	150,000	0	0	0	75,000	140,000	1,475,000
Total	50,000	10,000	1,050,000	0	150,000	0	0	50,000	75,000	140,000	1,525,000

Related Projects		Historical Approved Budget			Operating Budget Impact
			Revenue		
		Year	Total Expense	Net City Cost	Subsidies
		2021	63,000	63,000	0
		2022	232,800	232,800	0
		2023	48,000	48,000	0
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date	
2021		Growth: 0.0 % Maintenance: 100.0 %	Adrian Busa	TBD`	



Project Version Summary

Project #	PFO-014-07	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Facilities Operations
Title	Corporate Facilities Health & Safety Compliance		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
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 OMBI performance indicators, Facilities Operations is responsible for providing service for 3.7 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 replacements will steadily increase.

In addition, 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. These substances are sometimes encountered unexpectedly during renovation projects or are discovered through a targeted investigation.

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:

- Designated substance remediation
- Mould remediation
- Work environment illumination levels as set forth by the Ministry of Labour
- Washroom rehabilitation
- Sidewalk/pathway trip hazards
- Flooring trip hazards & other structural hazards
- Air quality & noise replacements
- Arc flash & shock protection assessments
- 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.

Project Comments/Reference

7086007 H&S /7001225 Designated Substance Remediation (replaced The Asbestos Abatement Program)

Version Comments

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	125,000	100,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,425,000
Total		125,000	100,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,425,000
Revenues												
221	Service Sustainability Investm	125,000	100,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,425,000
Total		125,000	100,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,425,000

Related Projects		Historical Approved Budget				Operating Budget Impact			
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2007	75,000	75,000	0			0	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				
		2018	150,000	150,000	0				
		2019	90,000	90,000	0				
		2021	100,000	100,000	0				
		2023	100,000	100,000	0				

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2007	January 1, 2007	Growth: 0.0 % Maintenance: 100.0 %	Adrian Busa	Ongoing`



Project Version Summary

Project #	ECB-028-18	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Improvements to Peche Island and Boat Access		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	Ward 7		
Version Name	Main (Active)		

Project Description

Funding for this project includes the purchase of pontoon boat, restorations to trails, washroom improvements, restoration of bridges and docks along with shoreline preservation.

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

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. Funding has been added to this project for continuance of shoreline protection which represents portion of estimated expenditures in the future complete the project as a result of tender results provided by ERCA from regulatory requirements from the DFO

Capital funding has been added to this project that has been identified in 2029 for \$500,000 and 2031 for \$263,670.

Project Comments/Reference	Version Comments
7193003	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	0	0	0	0	0	500,000	0	263,670	0	0	763,670
	Total	0	0	0	0	0	500,000	0	263,670	0	0	763,670
Revenues												
169	Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0
221	Service Sustainability Investm	0	0	0	0	0	500,000	0	263,670	0	0	763,670
	Total	0	0	0	0	0	500,000	0	263,670	0	0	763,670

Related Projects		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>2019</td> <td>3,750,000</td> <td>3,750,000</td> <td>0</td> </tr> <tr> <td>2020</td> <td>68,000</td> <td>68,000</td> <td>0</td> </tr> <tr> <td>2023</td> <td>800,000</td> <td>800,000</td> <td>0</td> </tr> </tbody> </table>		Year	Total Expense	Revenue		Net City Cost	Subsidies	2019	3,750,000	3,750,000	0	2020	68,000	68,000	0	2023	800,000	800,000	0	
Year	Total Expense	Revenue																					
		Net City Cost	Subsidies																				
2019	3,750,000	3,750,000	0																				
2020	68,000	68,000	0																				
2023	800,000	800,000	0																				
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date																			
2018	March 1, 2018	Growth: 0.0 % Maintenance: 0.0 %	James Chacko	TBD`																			



Project Version Summary

Project #	PFO-001-17	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Adult Exercise Equipment		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	Ward 9		
Version Name	Main (Active)		

Project Description	To install adult exercise equipment in various park locations.
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Version Description	<p>Funding has been identified as required for the installation of exercise equipment throughout various parkland.</p> <p>2031 - \$250,000 2032 - \$150,000 2033 - \$250,000</p> <p>Parks administration to determine the optimal park location for this amenity.</p>
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Project Comments/Reference	Version Comments

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	0	0	0	0	0	0	0	250,000	150,000	250,000	650,000
	Total	0	0	0	0	0	0	0	250,000	150,000	250,000	650,000
Revenues												
169	Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	250,000	150,000	250,000	650,000
	Total	0	0	0	0	0	0	0	250,000	150,000	250,000	650,000



Project Version Summary

Project #	PFO-001-22	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Self-Watering Planters		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
 Purchase of additional self-watering planters of various sizes are to replace damaged or discoloured, to add to our existing inventory in areas that are deficient within the BIA's and parklands. These planters are twinned with current stand-alone planters at various City locations.

Version Description
 2024- 2030: Annual installation and replacement of planters located in avenue or promenade \$0
 2031: Replacement of planters in avenue or promenade \$60,000
 2032: Replacement of planters in avenue or promenade \$72,000
 2033: Replacement of planters in avenue or promenade \$72,000

Project Comments/Reference	Version Comments

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	0	0	0	0	0	0	60,000	72,000	72,000	204,000
Total	0	0	0	0	0	0	0	60,000	72,000	72,000	204,000
Revenues											
221 Service Sustainability Investm	0	0	0	0	0	0	0	60,000	72,000	72,000	204,000
Total	0	0	0	0	0	0	0	60,000	72,000	72,000	204,000

Related Projects	Historical Approved Budget	Operating Budget Impact

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2022		Growth: 0.0 % Maintenance: 0.0 %	Wanda Letourneau	TBD`



Project Version Summary

Project #	PFO-001-24	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Lanspeary Super Playground		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	Ward 4		
Version Name	Main (Active)		

Project Description	Lanspeary Park is a Community Park with more than 11-acre of green space located at the heart of one of Windsor’s most historic neighbourhoods. This new playground will be a family expanded playground / Super Playground with an area of approx. 2000m2 (+/-).										
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Version Description											
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Project Comments/Reference						Version Comments					
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Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	0	1,500,000	500,000	500,000	1,500,000	0	0	0	0	0	4,000,000
	Total	0	1,500,000	500,000	500,000	1,500,000	0	0	0	0	0	4,000,000
Revenues												
169	Pay As You Go - Capital Reserve	0	1,500,000	500,000	500,000	1,500,000	0	0	0	0	0	4,000,000
	Total	0	1,500,000	500,000	500,000	1,500,000	0	0	0	0	0	4,000,000

Related Projects	Historical Approved Budget	Operating Budget Impact

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2024		Growth: 0.0 % Maintenance: 0.0 %	TBD	TBD`



Project Version Summary

Project #	PFO-002-15	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Playgrounds Replacement Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
 This project will capture the costs of the playground replacement program as a result of the independent audit, compliance with CSA guidelines and AODA standards.

Version Description
 There is a listing included with Council Report C 142/2017 highlighting 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.
 2024: \$2,510,302
 2025: \$2,226,728
 2026: \$2,903,000
 2027-2032: Annual funding of \$2,000,000
 2033: \$2,553,640

Project Comments/Reference	Version Comments
7171090	COMMITMENT: 2024 F221 \$2,510,302 - 2025 F221 \$2,226,728 - 2026 F221 \$1,771,647

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	2,510,302	2,226,728	2,903,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,553,640	22,193,670
	Total	2,510,302	2,226,728	2,903,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,553,640	22,193,670
Revenues												
221	Service Sustainability Investm	0	0	1,131,353	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,553,640	15,684,993
221CF	Committed Funding	2,510,302	2,226,728	1,771,647	0	0	0	0	0	0	0	6,508,677
	Total	2,510,302	2,226,728	2,903,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,553,640	22,193,670



Project Version Summary

Project #	PFO-002-21	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Parks Drainage Improvements		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

To establish annual capital funding to improve parks with drainage issue to mitigate flooding which occurs during periods of heavy rainfall. There has been significant drainage issues in parks which has resulted in the flooding of residential properties that are adjacent to parkland throughout the City. An extensive conditional assessment review is required to identify parks that may present significant risk to the residential properties and result in flooding in parkland. The drainage issues also result in flooded sports field which result in the cancellation of events and the loss of revenue for the City recreation division. The flooding that occurs in parkland delays the commencement of grass maintenance as a result of the weight of the park equipment. Improvements to park drainage would reduce the standing water volumes and mitigate the potential damage to parkland and sports fields in periods subsequent to heavy precipitations levels. The projects under this funding will be based upon a conditional review of the drainage for parks to determine the prioritization based upon areas of need.

Version Description

2024-2025: Annual capital funding for drainage improvements \$175,000 to be included in sewer surcharge report as expenditures are eligible for funding. C 8/2021
 2026- 2032: Annual capital funding requirement for drainage improvements \$200,000 to be included in sewer surcharge report as expenditures are eligible for funding.
 2033: Capital funding requirement for drainage improvements \$400,000

Project Comments/Reference	Version Comments
7219013	COMMITMENTS: CR394/2023 C 131/2023: 2024 F153 \$175,000

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	175,000	175,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	400,000	2,150,000
	Total	175,000	175,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	400,000	2,150,000
Revenues												
028	Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0
153	Sewer Surcharge	0	175,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	400,000	1,975,000
153CF	Committed Funding	175,000	0	0	0	0	0	0	0	0	0	175,000
169	Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0
	Total	175,000	175,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	400,000	2,150,000

Related Projects		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>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>175,000</td> <td>175,000</td> <td>0</td> </tr> </tbody> </table>		Year	Total Expense	Revenue		Net City Cost	Subsidies	2021	125,000	125,000	0	2022	125,000	125,000	0	2023	175,000	175,000	0	
Year	Total Expense	Revenue																					
		Net City Cost	Subsidies																				
2021	125,000	125,000	0																				
2022	125,000	125,000	0																				
2023	175,000	175,000	0																				
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date																			
2021		Growth: 0.0 % Maintenance: 100.0 %	Wadah Al-Yassiri/ Jamie Scott	Ongoing`																			



Project Version Summary

Project #	PFO-002-24	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Cricket Pitch behind Safety Village		
Budget Status	Administrative (CLT) Review		
Major Category	Parks & Recreation		
Wards	Ward 8		
Version Name	Main (Active)		

Project Description	Construction of a full sized cricket pitch at Derwent Park.
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Version Description	2024 - Construction of cricket pitch - \$1,000,000
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Project Comments/Reference	Version Comments
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Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	1,000,000	0	0	0	0	0	0	0	0	1,000,000
Total	0	1,000,000	0	0	0	0	0	0	0	0	1,000,000
Revenues											
176 Canada Community-Building Fund	0	1,000,000	0	0	0	0	0	0	0	0	1,000,000
Total	0	1,000,000	0	0	0	0	0	0	0	0	1,000,000

Related Projects	Historical Approved Budget	Operating Budget Impact
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Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
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2024	April 1, 2024	Growth: 0.0 % Maintenance: 0.0 %	James Chacko	Q2 2025`
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Project Version Summary

Project #	PFO-003-19	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Parks Lighting		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
Placeholder for the installation of new park lighting required for parkland and the replacement of existing lighting which is beyond the useful life. There are many lighting structures located in parks where poles have worn due to age and are in need of renovation to protect the lighting structure and ensure maximum safety to the public. This capital project will ensure asset management principles are maintained within the infrastructure in Parks.

Version Description
Parks lighting was identified by the public as a significant amenity within parklands in the Parks master plan. Parks administration identified the requirement for annual expenditures of \$100,000 within the ten year forecast period with the exception of 2031, 2032 and 2033 which has \$500,000, \$300,000 and \$300,000 forecasted respectively.

Project Comments/Reference	Version Comments
7191011	COMMITMENTS: CR394/2023 C 131/2023: 2024 F221 \$100,000

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	100,000	100,000	100,000	100,000	100,000	100,000	100,000	500,000	300,000	300,000	1,800,000
	Total	100,000	100,000	100,000	100,000	100,000	100,000	100,000	500,000	300,000	300,000	1,800,000
Revenues												
169	Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	400,000	0	0	400,000
221	Service Sustainability Investm	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	300,000	300,000	1,300,000
221CF	Committed Funding	100,000	0	0	0	0	0	0	0	0	0	100,000
	Total	100,000	100,000	100,000	100,000	100,000	100,000	100,000	500,000	300,000	300,000	1,800,000

Related Projects		Historical Approved Budget			Operating Budget Impact
			Revenue		
	Year	Total Expense	Net City Cost	Subsidies	
	2019	38,500	38,500	0	
	2020	100,000	100,000	0	
	2021	100,000	100,000	0	
	2022	425,000	425,000	0	
	2023	100,000	100,000	0	
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date	
2019		Growth: 0.0 % Maintenance: 100.0 %	James Chacko/ Jamie Scott	Ongoing`	



Project Version Summary

Project #	PFO-003-20	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Holiday Lights Capital Maintenance		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	Ward 3		
Version Name	Main (Active)		

Project Description	Holiday Lights requires funding for ongoing repair, replacement and maintenance of lights and other equipment.
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Version Description	Bright Lights requires an annual allotment for various repairs and maintenance to address unexpected needs and to perform proper maintenance as needed. 2024: \$50,000 2025: \$50,000 2026: \$50,000 2027: \$50,000 2029: \$50,000 2032: \$50,000 2033: \$50,000
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Project Comments/Reference	Version Comments
7171089	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5411	Construction	50,000	50,000	50,000	50,000	0	50,000	0	0	50,000	50,000	350,000
	Contracts-Non TCA											
	Total	50,000	50,000	50,000	50,000	0	50,000	0	0	50,000	50,000	350,000
Revenues												
221	Service Sustainability	50,000	50,000	50,000	50,000	0	50,000	0	0	50,000	50,000	350,000
	Investm											
	Total	50,000	50,000	50,000	50,000	0	50,000	0	0	50,000	50,000	350,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2020	44,199	44,199	0				
		2021	50,000	50,000	0				
		2022	50,000	50,000	0				
		2023	105,801	105,801	0				
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date			
2020	January 1, 2020	Growth: 0.0 % Maintenance: 100.0 %		M. Panazzola		Ongoing`			



Project Version Summary

Project #	PFO-003-21	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Parks Fencing and Railings		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
 To identify capital funding required for the replacement and restoration of park fencing and railing located within parks across the city and along our riverfront.

Version Description
 To identify capital funding required for the replacement and restoration of park fencing and railing located at the riverfront. Specific areas were identified below to considered in the future capital budget development in this category.
 2031-2033- St. Paul railing construction & Construction of Alexander Park railings \$875,000

Project Comments/Reference	Version Comments

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	0	0	0	0	0	0	225,000	325,000	325,000	875,000
Total	0	0	0	0	0	0	0	225,000	325,000	325,000	875,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0
221 Service Sustainability Investm	0	0	0	0	0	0	0	225,000	325,000	325,000	875,000
Total	0	0	0	0	0	0	0	225,000	325,000	325,000	875,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2021		Growth: 0.0 % Maintenance: 0.0 %	Wadah Al-Yassiri	Ongoing`



Project Version Summary

Project #	PFO-004-21	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Parks Sports Courts Improvements		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	This program fully replaces and rebuilds existing sports courts or creates new ones in the city based on the parks and recreation master plans.
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Version Description	2025: Sports Court refurbishment \$50,000; Forest Glade Tennis/Pickleball Court \$145,000 2031: Sports Court refurbishment \$1,239,000 2032: Sports Court refurbishment \$407,000 2033: Sports Court refurbishment \$745,000
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Project Comments/Reference	Version Comments
7212007 7221065	COMMITMENT: CR347/2021 - C 61/2021: 2025 F169 \$50,000

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	195,000	0	0	0	0	0	1,239,000	407,000	745,000	2,586,000
Total	0	195,000	0	0	0	0	0	1,239,000	407,000	745,000	2,586,000
Revenues											
169 Pay As You Go - Capital Reserve	0	145,000	0	0	0	0	0	1,239,000	407,000	745,000	2,536,000
169CF Committed Funding	0	50,000	0	0	0	0	0	0	0	0	50,000
221 Service Sustainability Investm	0	0	0	0	0	0	0	0	0	0	0
Total	0	195,000	0	0	0	0	0	1,239,000	407,000	745,000	2,586,000

Related Projects		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>2021</td> <td>500,000</td> <td>500,000</td> <td>0</td> </tr> <tr> <td>2023</td> <td>300,000</td> <td>300,000</td> <td>0</td> </tr> </tbody> </table>		Year	Total Expense	Revenue		Net City Cost	Subsidies	2021	500,000	500,000	0	2023	300,000	300,000	0	
Year	Total Expense	Revenue																	
		Net City Cost	Subsidies																
2021	500,000	500,000	0																
2023	300,000	300,000	0																
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date															
2021		Growth: 0.0 % Maintenance: 0.0 %	Darron Ahlstedt	Ongoing`															



Project Version Summary

Project #	PFO-005-12	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Regional Parks Rehabilitation Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

Regional Parks have a higher service level and benefit the entire community, surrounding communities, tourist and visitors to Windsor. Regional Park projects focus on park redevelopment including improvements to major park amenities such as fountains, buildings, community centres, gateway features and other heritage items that may be present. Regional parks include riverfront parks, sports parks, horticultural displays and heritage parks.

Version Description

- 2024: Jackson Park planning, design and restorations for the sunken garden \$400,000 (Phase One)
- 2025: Jackson Park Sunken Garden Restorations \$300,000 (Phase Two)
- 2026: Jackson Park Sunken Garden restorations continuation \$500,000 (Phase Two)
- 2027: Jackson Parks Sunken Garden water fountain restorations \$600,000
- 2028: Coventry Gardens retaining walls and pathway \$300,000
- 2029-2030: Jackson Park Gate restorations \$600,000
- 2031: Coventry Gardens Redevelopment \$300,000
- 2033: Coventry Gardens Redevelopment \$350,000 (Phase Two)

Project Comments/Reference

Closed: 7151013 7181027 7161024 7129002 7171065
7171027
Active: 7181026 7201020 7221022

Version Comments

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	400,000	300,000	500,000	600,000	300,000	300,000	300,000	300,000	0	350,000	3,350,000
Total	400,000	300,000	500,000	600,000	300,000	300,000	300,000	300,000	0	350,000	3,350,000
Revenues											
151 Parks/Rec/Facil Acquis Funding	0	0	0	0	0	0	0	0	0	0	0
221 Service Sustainability Investm	400,000	300,000	500,000	600,000	300,000	300,000	300,000	300,000	0	350,000	3,350,000
Total	400,000	300,000	500,000	600,000	300,000	300,000	300,000	300,000	0	350,000	3,350,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				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				
		2018	500,000	500,000	0				
		2019	1,000,000	1,000,000	0				
		2020	250,000	250,000	0				
		2021	955,000	955,000	0				
		2022	200,000	200,000	0				
Year Identified	Start Date	Project Type for 2024	Project Lead		Est. Completion Date				
2012	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Wadah Al-Yassiri		Ongoing`				



Project Version Summary

Project #	PFO-005-18	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Shorewall Capital Rehabilitation Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	Ward 3, Ward 7		
Version Name	Main (Active)		

Project Description
This capital program is for the repair/refurbishment/replacement of shorewalls along the riverfront.

Version Description
Work will be identified through the conditional assessment report . These are placeholder values only. Funding will be allocated based on failing infrastructure and a future report to council of required funding association with each segment. 2027: \$592,000 2028: \$2,295,266 2029: \$600,000 2030: \$600,000 2031: \$600,000 2032: \$600,000 2033: \$592,000

Project Comments/Reference	Version Comments
7209006	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	0	0	592,000	2,295,266	600,000	600,000	600,000	600,000	592,000	5,879,266
Total	0	0	0	592,000	2,295,266	600,000	600,000	600,000	600,000	592,000	5,879,266
Revenues											
221 Service Sustainability Investm	0	0	0	592,000	2,295,266	600,000	600,000	600,000	600,000	592,000	5,879,266
Total	0	0	0	592,000	2,295,266	600,000	600,000	600,000	600,000	592,000	5,879,266

Related Projects		Historical Approved Budget			Operating Budget Impact
			Revenue		
	Year	Total Expense	Net City Cost	Subsidies	
	2020	1,740	1,740	0	
	2021	135,621	135,621	0	
	2022	425,003	425,003	0	
	2023	8,885	8,885	0	
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date	
2018	May 1, 2018	Growth: 0.0 % Maintenance: 0.0 %	Wadah Al-Yassiri	Ongoing`	



Project Version Summary

Project #	PFO-005-19	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Parks & Recreation Service and Infrastructure Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
 Parks and Recreation service and infrastructure rehabilitation throughout the City. This funding represents a placeholder for installation or replacement of significant features in a Park or in a Recreation Facility.

Version Description
 This funding represents a placeholder for the installation or replacement of significant features in a Park or Recreation Facility.
 2024: \$395,000
 2025: \$500,000

Project Comments/Reference	Version Comments
7204002	COMMITMENTS: CR394/2023 C 131/2023: 2024 F221 \$395,000

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	395,000	500,000	0	0	0	0	0	0	0	0	895,000
Total	395,000	500,000	0	0	0	0	0	0	0	0	895,000
Revenues											
221 Service Sustainability Investm	0	500,000	0	0	0	0	0	0	0	0	500,000
221CF Committed Funding	395,000	0	0	0	0	0	0	0	0	0	395,000
Total	395,000	500,000	0	0	0	0	0	0	0	0	895,000

Related Projects	Historical Approved Budget				Operating Budget Impact			
			Revenue					
	<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>				
	2023	105,000	105,000	0				

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2019	January 1, 2023	Growth: 0.0 % Maintenance: 100.0 %	Ray Mensour	Ongoing`



Project Version Summary

Project #	PFO-005-20	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Natural Areas Management Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

The Natural Areas division is responsible for multiple sites of 620 acres of natural areas, 600m of fencing, 9200m of trails, bridges, gates, boardwalks, interpretive and wayfinding signage. The natural areas include Ojibway Park, Black Oak Heritage Park, Tallgrass Prairie Heritage Park, Spring Garden Natural Area, Peche Island, South Cameron Woodlot, and Oakwood Natural Area.

These areas need to be monitored for public safety, species at risk, invasive species, vandalism, unauthorized uses, destruction of nationally significant natural areas, hazardous conditions both from flooding and winds as well as people modifying the landscape and using it inappropriately.

Management of these natural areas include repair and maintenance of public accessible amenities (signage, trails, boardwalks, bridges, boardwalks), protection for species at risk (compliance with Endangered Species Act, 2007), preservation of nationally endangered ecosystems, control of invasive species, and monitoring of ecosystems and biodiversity.

These management works are necessary to mitigate risk and to protect the City's investment in these highly sensitive and nationally significant natural areas.

There is a the potential to apply for grants that would provide matching funds which would be used to do additional work to catch up on the backlog of invasive species removal and prescribed burning of fire-dependant ecosystems. Initially work would begin within Black Oak Heritage Park due to the ongoing pressures and backlog of management works at that site.

Version Description

The estimated costs for this project represent an annual estimate. The Black Oak Management Plan which was approved by council in 2019 made it apparent that a capital budget will be required in order to implement the recommendations included in the plan. Management of natural areas include species at risk, vandalism and the repair and maintenance of accessible amentias.

2024 - 2027: Annual funding of \$100,000

2028 - 2030: Annual funding of \$150,000

2031 - 2033: Annual funding of \$200,000

Project Comments/Reference

7219014

Version Comments

Project Detailed Forecast																														
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total																		
Expenses																														
5410	Construction Contracts - TCA	100,000	100,000	100,000	100,000	150,000	150,000	150,000	200,000	200,000	200,000	1,450,000																		
Total		100,000	100,000	100,000	100,000	150,000	150,000	150,000	200,000	200,000	200,000	1,450,000																		
Revenues																														
221	Service Sustainability Investm	100,000	100,000	100,000	100,000	150,000	150,000	150,000	200,000	200,000	200,000	1,450,000																		
Total		100,000	100,000	100,000	100,000	150,000	150,000	150,000	200,000	200,000	200,000	1,450,000																		
Related Projects		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>2021</td> <td>100,000</td> <td>100,000</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>200,000</td> <td>200,000</td> <td>0</td> </tr> </tbody> </table>					Year	Total Expense	Revenue		Net City Cost	Subsidies	2021	100,000	100,000	0	2022	100,000	100,000	0	2023	200,000	200,000	0						
Year	Total Expense	Revenue																												
		Net City Cost	Subsidies																											
2021	100,000	100,000	0																											
2022	100,000	100,000	0																											
2023	200,000	200,000	0																											
Year Identified	Start Date	Project Type for 2024		Project Lead			Est. Completion Date																							
2020	April 1, 2020	Growth: 0.0 % Maintenance: 100.0 %		Yemi Adeyeye			Ongoing`																							



Project Version Summary

Project #	PFO-005-21	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Park Splash Pads		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

Splash pads are a popular park amenity and are recommended as per the Parks, Recreation and Environmental Master plans. They will be implemented accordingly across the City as per planning documents funding required for design and construction. This funding does not include washrooms or change rooms which are required to properly service this park amenity. Parks without existing washroom facilities will need to seek additional funding.

Version Description

Parks administration had identified the capital requirement for splash pads to provide greater level of amenities within Community and Neighbourhood parkland. The estimated expenditures required preliminary design work and construction costs for each splash pad. Due to current financial conditions the capital funding restrictions only allowed for funding of the Fontainebleau Splash Pad, which is also being funded through a contribution from the Councilor's Ward Funds

2024: Fontainebleau Splash Pad \$100,000

Other specific locations have been identified below for future consideration:

- 2025- Alexander Park Splash Pad construction \$0
- 2027- Elizabeth Kishkon Splash Pad construction \$0
- 2031- Additional Splash Pad Locations \$1,200,000
- 2032- Additional Splash Pad Locations \$500,000

Project Comments/Reference

7214001-Fontainebleau Splash Pad

Version Comments

COMMITMENT:
CR348/2021 - S 73/2021: 2024 F169 \$50,000 (Fontainebleau Splash Pad)

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	50,000	0	0	0	0	0	0	1,200,000	500,000	0	1,750,000
Total	50,000	0	0	0	0	0	0	1,200,000	500,000	0	1,750,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	1,200,000	500,000	0	1,700,000
169CF Committed Funding	50,000	0	0	0	0	0	0	0	0	0	50,000
Total	50,000	0	0	0	0	0	0	1,200,000	500,000	0	1,750,000

Related Projects		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>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> </tbody> </table>		Year	Total Expense	Revenue		Net City Cost	Subsidies	2021	50,000	50,000	0	2022	50,000	50,000	0	2023	50,000	50,000	0	
Year	Total Expense	Revenue																					
		Net City Cost	Subsidies																				
2021	50,000	50,000	0																				
2022	50,000	50,000	0																				
2023	50,000	50,000	0																				
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date																			
2021		Growth: 100.0 % Maintenance: 0.0 %	Wadah Al-Yassiri	Ongoing`																			



Project Version Summary

Project #	PFO-005-22	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	New Multi-Use Trails		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

For the development of new trails within parkland that are deficient in this amenity or without existing trails. This capital funding would be allocated to areas in the City that Parks administration would determine to be in the greatest need of multi-use trails and would be evaluated on an annual basis. Parks Master Plan identified trails to be one of the most important recreational amenities in parks.

Version Description

For the development of new trails within parkland that are deficient in this amenity or without existing trails. This capital funding would be allocated to areas in the City that Parks administration would determine to be in the greatest need of multi-use trails and would be evaluated on an annual basis. Parks Master Plan identified trails to be one of the most important recreational amenities in parks. Parkland will continue to be evaluated during the ten year forecast period for opportunities to add this asset subject to future approval.

2026: \$600,000
 2032: \$500,000
 2033: \$500,000

Project Comments/Reference	Version Comments
7221023	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	0	0	600,000	0	0	0	0	0	500,000	500,000	1,600,000
	Total	0	0	600,000	0	0	0	0	0	500,000	500,000	1,600,000
Revenues												
169	Pay As You Go - Capital Reserve	0	0	600,000	0	0	0	0	0	500,000	500,000	1,600,000
	Total	0	0	600,000	0	0	0	0	0	500,000	500,000	1,600,000

Related Projects		Historical Approved Budget			Operating Budget Impact	
			Revenue			
		<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	
		2022	300,000	300,000	0	
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date	
2022		Growth: 0.0 % Maintenance: 0.0 %		Wadah Al-Yassiri/ James Chacko		



Project Version Summary

Project #	PFO-006-12	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Community Parks Rehabilitation Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project 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 rehabilitating major park amenities.											
Version Description											
2026: MacDonald Park Design- \$250,000; Lanspeary Park Improvements- \$250,000 2027: Lanspeary Park Improvements- \$1,300,000											
Project Comments/Reference						Version Comments					
Closed: 7129011 7151014 7181042 7191039 Active: 7171024 7221024											
Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	0	500,000	1,300,000	0	0	0	0	0	0	1,800,000
Total	0	0	500,000	1,300,000	0	0	0	0	0	0	1,800,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0
221 Service Sustainability Investm	0	0	500,000	1,300,000	0	0	0	0	0	0	1,800,000
Total	0	0	500,000	1,300,000	0	0	0	0	0	0	1,800,000

Related Projects		Historical Approved Budget			Operating Budget Impact
			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	
	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	500,000	500,000	0	
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date	
2012	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %	Sherif Barsom	Ongoing`	



Project Version Summary

Project #	PFO-006-19	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Recycling Silos in Parks		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
Purchase and installation of additional recycling silos which would be twinned with current stand alone garbage silos at City Parks. Installation of new recycling silos in areas that are deficient within parklands.

Version Description
2024 - 2027: Annual funding: \$64,000 - Installation of new recycling silos in areas that are deficient within parklands 2028 - 2033: Annual funding: \$25,000 - Installation of new recycling silos in areas that are deficient within parklands

Project Comments/Reference	Version Comments
7192008	COMMITMENTS: CR394/2023 C 131/2023: 2024 F169 \$64,000

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
2230 Infrastructure Maint. Material	64,000	64,000	64,000	64,000	25,000	25,000	25,000	25,000	25,000	25,000	406,000
Total	64,000	64,000	64,000	64,000	25,000	25,000	25,000	25,000	25,000	25,000	406,000
Revenues											
169 Pay As You Go - Capital Reserve	0	64,000	64,000	64,000	25,000	25,000	25,000	25,000	25,000	25,000	342,000
169CF Committed Funding	64,000	0	0	0	0	0	0	0	0	0	64,000
Total	64,000	64,000	64,000	64,000	25,000	25,000	25,000	25,000	25,000	25,000	406,000

Related Projects	Historical Approved Budget			Operating Budget Impact	
			Revenue		
	Year	Total Expense	Net City Cost	Subsidies	
	2019	65,000	65,000	0	
	2020	64,000	64,000	0	
	2021	64,000	64,000	0	
	2022	64,000	64,000	0	
2023	64,000	64,000	0		

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2019	May 1, 2019	Growth: 100.0 % Maintenance: 0.0 %	James Chacko/ Jamie Scott	Ongoing`



Project Version Summary

Project #	PFO-006-20	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Riverfront Walkway Stabilization		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	Ward 3, Ward 7		
Version Name	Main (Active)		

Project Description	Project funding is to ensure the integrity and stabilization of the walkway located at the river's edge. Stabilization of the walkway is not related to the shore wall infrastructure which is funded separate. This project is supported by the asset management principles as detailed in report S 129/2019.
----------------------------	--

Version Description	2025: Riverfront Walkway restorations Legacy Park - \$1,500,000 2026: Riverfront Walkway restoration Legacy Park - \$500,000 2028: Riverfront Walkway restorations St. Paul Pumping Station- \$500,000 2029: Riverfront Walkway restorations St. Paul Pumping Station- \$500,000 2030: Riverfront Walkway restorations Centennial Park- \$500,000 2031: Riverfront Walkway restorations Centennial Park- \$500,000 2033: Riverfront Walkway restorations Centennial Park- \$500,000
----------------------------	---

Project Comments/Reference	Version Comments

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	0	1,500,000	500,000	0	500,000	500,000	500,000	500,000	0	500,000	4,500,000
	Total	0	1,500,000	500,000	0	500,000	500,000	500,000	500,000	0	500,000	4,500,000
Revenues												
221	Service Sustainability Investm	0	1,500,000	500,000	0	500,000	500,000	500,000	500,000	0	500,000	4,500,000
	Total	0	1,500,000	500,000	0	500,000	500,000	500,000	500,000	0	500,000	4,500,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2020		Growth: 0.0 % Maintenance: 0.0 %	Wadah Al-Yassiri	Ongoing`



Project Version Summary

Project #	PFO-007-11	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Tree Maintenance and Urban Forest Enhancement Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

The Forestry Division is responsible for the maintenance of approximately 65,000 street trees along the right-of-way and 20,000 parkland trees. In addition to this, the division also ensures that the City's natural areas are cared for in a responsible way. Tree maintenance involves the trimming of trees to promote health, longevity and safety while tree and stump removal is reserved for trees that are badly damaged by storms and or for trees that are in decline from age and other environmental factors. Historically, the Division has carried out limited preventative maintenance programs, through area trims but on a small scale (ie. area trim that was completed in Forest Glade back in 2015). However, as the City's trees have matured and aged and as storms continue to take their toll on their condition, the Division strictly operates on a reactive basis, fielding over 5,500 calls per year for maintenance.

An update of the Forestry plan was presented to Council via report S184/2017 to propose a preventative maintenance program which would not only improve the health and safety of the City's trees but would also serve to prevent the future occurrence of another tree maintenance backlog. The Council report recommended that \$2,080,000 be referred to the future capital budget deliberations. This project funding level would be required to maintain appropriate asset management principles.

Version Description

The funding allocated for this project has yielded positive results for the division. Recent restructuring to the Division and its contracts have increased the capacity and production of our division in terms of inspections and completed work orders. Waiting times for tree maintenance has been significantly reduced over the last few years. Not only will this program reduce the number of complaints, service requests and the likelihood of another tree maintenance back log from occurring, but will also improve the health of the City's urban forest while reducing the number of tree related claims and liability exposure to the City.

2024:
 \$1,795,143 Tree Trimming Preventative Maintenance
 \$250,000 Tree Planting
 \$200,000 Tree Removals
 TOTAL: \$2,245,143

2025:
 \$1,544,143 Tree Trimming Preventative Maintenance
 \$250,000 Tree Planting
 \$200,000 Tree Removals
 TOTAL: \$1,994,143

2026:
 \$1,580,000 Tree Trimming Preventative Maintenance
 \$250,000 Tree Planting
 \$250,000 Tree Removals
 TOTAL: \$2,080,000

2027:
 \$1,580,000 Tree Trimming Preventative Maintenance
 \$250,000 Tree Planting

\$250,000 Tree Removals
TOTAL: \$2,080,000

2028:
\$1,580,000 Tree Trimming Preventative Maintenance
\$250,000 Tree Planting
\$250,000 Tree Removals
TOTAL: \$2,080,000

2029:
\$1,580,000 Tree Trimming Preventative Maintenance
\$250,000 Tree Planting
\$250,000 Tree Removals
TOTAL: \$2,080,000

2030:
\$1,580,000 Tree Trimming Preventative Maintenance
\$250,000 Tree Planting
\$250,000 Tree Removals
TOTAL: \$2,080,000

2031:
\$1,580,000 Tree Trimming Preventative Maintenance
\$250,000 Tree Planting
\$250,000 Tree Removals
TOTAL: \$2,080,000

2032:
\$1,600,000 Tree Trimming Preventative Maintenance
\$250,000 Tree Planting
\$250,000 Tree Removals
TOTAL: \$2,100,000

2033:
\$1,580,000 Tree Trimming Preventative Maintenance
\$250,000 Tree Planting
\$250,000 Tree Removals
TOTAL: \$2,080,000

Project Comments/Reference	Version Comments
7131021	<p>COMMENTS:</p> <p>The Corporate asset management plan report S129/2019 was presented to Council on July 29th, 2019 which indicates the annual funding requirement for preventative tree maintenance of \$2,080,000 which represents a funding shortfall of \$1,294,143 with an average of \$785,857 from 2019 to 2025.</p> <p>Response to Council Directive B32/2018 "That Administration provide information on any available subsidized programs which may exist by investigating best practices used in other municipalities; and that this information be provided during the 2019 Budget deliberation process". UPDATE Administration continues to seek opportunities to address this request . To date no funding programs have been found to assist with this addressing this need and or the eligibility requirements were such that we were not able to apply. Administration will continue to look for any new programs that might become available.</p>

Project Detailed Forecast												
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total	
Expenses												
2980 Contracted Services	2,245,143	1,994,143	2,080,000	2,080,000	2,080,000	2,080,000	2,080,000	2,080,000	2,100,000	2,080,000	20,899,286	
Total	2,245,143	1,994,143	2,080,000	2,080,000	2,080,000	2,080,000	2,080,000	2,080,000	2,100,000	2,080,000	20,899,286	
Revenues												
221 Service Sustainability Investm	2,245,143	1,994,143	2,080,000	2,080,000	2,080,000	2,080,000	2,080,000	2,080,000	2,100,000	2,080,000	20,899,286	
Total	2,245,143	1,994,143	2,080,000	2,080,000	2,080,000	2,080,000	2,080,000	2,080,000	2,100,000	2,080,000	20,899,286	

Related Projects	Historical Approved Budget				Operating Budget Impact			
Year	Total Expense	Revenue		Effective Date	Description	Unknown	Exp/(Rev)	FTE Impact
		Net City Cost	Subsidies					
2012	65,000	65,000	0		Forestry Analyst to assist with tree inventory program.		0	1
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					
2018	710,000	710,000	0					
2019	746,500	746,500	0					
2020	2,232,643	2,232,643	0					
2021	1,994,143	1,994,143	0					
2022	1,994,143	1,994,143	0					
2023	1,994,143	1,994,143	0					

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2011	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Yemi Adeyeye	Ongoing`



Project Version Summary

Project #	PFO-007-12	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Neighbourhood Parks Rehabilitation Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project 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.

Version Description
 2025: Bradley Park \$348,000
 2027: Victoria Park- \$0
 2028: Chopin Park- \$100,000
 2029: Neighbourhood Park \$448,000
 2030-2031: Roseland Park Redevelopment \$1,152,000
 2032: Placeholder for Neighbourhood Parks Development \$600,000

Project Comments/Reference	Version Comments
Open: 7201021 7221003 Closed: 7129003 7161025 7151015 7184007 7171025 7181041	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	348,000	0	0	100,000	448,000	752,000	400,000	600,000	0	2,648,000
Total	0	348,000	0	0	100,000	448,000	752,000	400,000	600,000	0	2,648,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	0	0	348,000	652,000	400,000	600,000	0	2,000,000
221 Service Sustainability Investm	0	348,000	0	0	100,000	100,000	100,000	0	0	0	648,000
Total	0	348,000	0	0	100,000	448,000	752,000	400,000	600,000	0	2,648,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				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				
		2019	500,000	500,000	0				
		2020	610,000	610,000	0				
		2021	250,000	250,000	0				
		2022	150,000	150,000	0				
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date				
2012	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %		Wadah Al-Yassiri	Ongoing`				



Project Version Summary

Project #	PFO-008-12	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	New Park Design/Development/Construction		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
 Capital funding for the development of new parkland throughout the City. 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 2026.

Version Description
 2026- Sandwich South Employment Lands \$300,000

Project Comments/Reference	Version Comments
7129004 7171026 7211053	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	0	300,000	0	0	0	0	0	0	0	300,000
Total	0	0	300,000	0	0	0	0	0	0	0	300,000
Revenues											
151 Parks/Rec/Facil Acquis Funding	0	0	300,000	0	0	0	0	0	0	0	300,000
Total	0	0	300,000	0	0	0	0	0	0	0	300,000

Related Projects	Historical Approved Budget				Operating Budget Impact			
	Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev) FTE Impact	
			Net City Cost	Subsidies				
	2012	300,000	300,000	0			0	
	2017	300,000	300,000	0			0	
	2022	300,000	300,000	0			0	
	2023	400,000	400,000	0			0	
	Description							0
	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

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2012	January 1, 2021	Growth: 0.0 % Maintenance: 0.0 %	Wadah Al-Yassiri	Ongoing`



Project Version Summary

Project #	PFO-008-17	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Riverfront Exercise Equipment		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	Ward 4		
Version Name	Main (Active)		

Project Description
 To design and develop adult exercise equipment located at the Riverfront. The original budget as per the approved 2017 enhanced Capital Budget 5-year plan was \$100K. As per B56/2017, a detailed report has not yet come before Council to formally approve this project.

Version Description
 2030: Planning and design for riverfront exercise equipment \$50K
 Equipment and Installation of Exercise Equipment \$750K

Project Comments/Reference	Version Comments

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	0	0	0	0	0	800,000	0	0	0	800,000
Total	0	0	0	0	0	0	800,000	0	0	0	800,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	800,000	0	0	0	800,000
176 Canada Community-Building Fund	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	800,000	0	0	0	800,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2017	January 23, 2021	Growth: 0.0 % Maintenance: 0.0 %	Wadah Al-Yassiri	TBD`



Project Version Summary

Project #	PFO-009-12	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Park Bridges/Shelters/Buildings/Capital Rehabilitation Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project 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 on an annual basis to prioritize repairs and replacements.

Version Description
2024: Jackson Park Picnic Shelter (New Roof Only By Splash Pad) - \$100,000 2026: Realtor Park Picnic Shelter - \$132,000 2027- 2032: East End Building Design and Construction- \$2,693,000

Project Comments/Reference	Version Comments
7221025, 7221026, 7221027,7241003 Closed: 7129005, 7171065, 7171027, 7192003	COMMITMENTS: CR394/2023 C 131/2023: 2024 F221 \$100,000

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	100,000	0	132,000	500,000	300,000	300,000	150,000	500,000	943,000	0	2,925,000
Total	100,000	0	132,000	500,000	300,000	300,000	150,000	500,000	943,000	0	2,925,000
Revenues											
151 Parks/Rec/Facil Acquis Funding	0	0	0	0	300,000	300,000	100,000	0	440,000	0	1,140,000
221 Service Sustainability Investm	0	0	132,000	500,000	0	0	50,000	500,000	503,000	0	1,685,000
221CF Committed Funding	100,000	0	0	0	0	0	0	0	0	0	100,000
Total	100,000	0	132,000	500,000	300,000	300,000	150,000	500,000	943,000	0	2,925,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				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				
		2019	300,000	300,000	0				
		2022	918,000	918,000	0				
		2023	130,000	130,000	0				
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date				
2012	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %		Wadah Al-Yassiri	Ongoing`				



Project Version Summary

Project #	PFO-009-20	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Parks Signage		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
 This project is for the installation of signage for parkland required to be updated and locations currently without signs throughout the City.

Version Description
 Park Signage installation to be identified throughout city parkland on a priority basis. Parks administration identified annual capital requirement estimated to be \$100,000 for the ten year forecast period. Due to current economic conditions there were capital funding restrictions that did not allow for the allocation of the expenditures within the budget at this time. There are placeholders for capital funding of \$400,000 in 2031, \$100,000 in 2032 and \$150,000 in 2033 respectively.

Project Comments/Reference	Version Comments

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	0	0	0	0	0	0	400,000	100,000	150,000	650,000
Total	0	0	0	0	0	0	0	400,000	100,000	150,000	650,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	300,000	100,000	0	400,000
221 Service Sustainability Investm	0	0	0	0	0	0	0	100,000	0	150,000	250,000
Total	0	0	0	0	0	0	0	400,000	100,000	150,000	650,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2020	April 1, 2020	Growth: 0.0 % Maintenance: 0.0 %	Wadah Al-Yassiri	Ongoing`



Project Version Summary

Project #	PFO-010-17	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Dog Park Development		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	Ward 2		
Version Name	Main (Active)		

Project Description	For Development of Dog Parks within Parkland throughout the City as per the Parks master plan. New Dog Park policy was approved by Council which highlighted standard amenities to be included.
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Version Description	2031 - East End Dog Park \$0 - Funding reallocated to PFO-005-21 - Splash Pads 2032- Future Dog Park Development \$500,000
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Project Comments/Reference	Version Comments
7222013	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	0	0	0	0	0	0	0	500,000	0	500,000
Total	0	0	0	0	0	0	0	0	500,000	0	500,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	500,000	0	500,000
Total	0	0	0	0	0	0	0	0	500,000	0	500,000

Related Projects	Historical Approved Budget				Operating Budget Impact	
		Revenue				
	<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>		
	2021	75,000	75,000	0		
	2023	130,000	130,000	0		

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
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2017	January 23, 2021	Growth: 0.0 % Maintenance: 0.0 %	Trevor Duquette	2026`
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Project Version Summary

Project #	PFO-010-20	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Park Bench Replacement Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

To establish a program for the annual replacement of benches that are deemed to be unsafe and in a state of disrepair. As a result of the Accessibility for Ontarians with Disabilities Act (AODA) requirements when benches are due for replacement they are to be removed and replaced with handicap accessible benches. The cement pads that the benches are placed must also meet AODA standards requiring larger cement bases, which is a significant increase to the cost. Without these funds benches will need to be removed and not replaced. Trails are the most significant park feature for the community as identified in the Parks Master Plan. Benches are an important component of the trail system. This budget funding supports the asset management plan initiative as per Council report 129/2019.

Version Description

There are approximately 1,500 benches located throughout various Parks which are being tracked by Parks operations. There are various types of benches located within parkland such as wood, metal and concrete with various styles. A significant number of these benches are well beyond their useful lives and are in need of replacement. It is estimated that over 75% of the existing bench asset inventory are in need of repairs. The department is recommending that a budget is established for the replacement of benches that would allow for the current inventory of benches to be replaced over a 10 year period which would provide an enhanced level of service to the bench replacement program.

2024-2030: \$350,000
 2031: \$75,000
 2032: \$100,000
 2033: \$120,000

Project Comments/Reference

7209007

Version Comments

COMMITMENTS:
 CR394/2023 C 131/2023: 2024 F221 \$50,000

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
2230 Infrastructure Maint. Material	50,000	50,000	50,000	50,000	50,000	50,000	50,000	75,000	100,000	120,000	645,000
Total	50,000	50,000	50,000	50,000	50,000	50,000	50,000	75,000	100,000	120,000	645,000
Revenues											
221 Service Sustainability Investm	0	50,000	50,000	50,000	50,000	50,000	50,000	75,000	100,000	120,000	595,000
221CF Committed Funding	50,000	0	0	0	0	0	0	0	0	0	50,000
Total	50,000	50,000	50,000	50,000	50,000	50,000	50,000	75,000	100,000	120,000	645,000

Related Projects		Historical Approved Budget			Operating Budget Impact
			Revenue		
		Year	Total Expense	Net City Cost	Subsidies
		2020	50,000	50,000	0
		2021	50,000	50,000	0
		2022	50,000	50,000	0
		2023	50,000	50,000	0
Year Identified	Start Date	Project Type for 2024	Project Lead		Est. Completion Date
2020		Growth: 0.0 % Maintenance: 100.0 %	James Chacko/ Jamie Scott		Ongoing`



Project Version Summary

Project #	PFO-011-12	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Beautification of Civic Gateways and Other Open Spaces		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project 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. Further beautification efforts adding to our gateway initiatives include Lauzon Parkway at E.C. Row and Wyandotte Street East Median Improvements and Downtown Improvements

Version Description
 Funding has been identified and will be coordinated with future City beautification project being conducted by City Engineering department that have a civic gateway, median or open space component that is maintained by the Parks department.
 2026-2027: \$600,000

Project Comments/Reference	Version Comments
7129006	

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	0	300,000	300,000	0	0	0	0	0	0	600,000
Total	0	0	300,000	300,000	0	0	0	0	0	0	600,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	300,000	300,000	0	0	0	0	0	0	600,000
Total	0	0	300,000	300,000	0	0	0	0	0	0	600,000

Related Projects	Historical Approved Budget				Operating Budget Impact		
	Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev) FTE Impact
			Net City Cost	Subsidies			
	2012	125,000	125,000	0			0
	2014	104,000	104,000	0			0
	2015	200,000	200,000	0			0
	2016	215,000	215,000	0			0
	Description 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.						

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2012	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %	Wadah Al-Yassiri	Ongoing`



Project Version Summary

Project #	PFO-012-12	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Park Trails Capital Rehabilitation Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

Repairs are required to regularly maintain asphalt and granular base trails making them safe and thereby decreasing litigation and claims. There is a growing backlog of required trail repairs which are replaced as far as funding will allow. Repairs, resurfacing, bollards, curb maintenance, safety markings and signs are all potential replacements. There are 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.

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 2017 Parks Master Plan identified trails to be one of the most important recreational amenities in parks.

Version Description

Asset management plan is being developed which will incorporate conditional assessment reports which will identify the trails in need of replacement. Priority will be given to those areas based on inspection results and listing of trails will be detailed each year based upon funding available.

- 2024-2025: \$200,000
- 2026: \$300,000
- 2027: \$100,000
- 2028: \$250,000
- 2029: \$250,000
- 2030: \$325,000
- 2031: \$340,000
- 2032: \$440,000
- 2033: \$500,000

Project Comments/Reference

Active: 7161026
 Closed: 7129012, 7181041, 7184007, 7201022

Version Comments

COMMITMENTS:
 CR394/2023 C 131/2023: 2024 F221 \$100,000

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	100,000	100,000	300,000	100,000	250,000	250,000	325,000	340,000	440,000	500,000	2,705,000
Total		100,000	100,000	300,000	100,000	250,000	250,000	325,000	340,000	440,000	500,000	2,705,000
Revenues												
151	Parks/Rec/Facil Acquis Funding	0	0	0	0	0	0	0	0	0	0	0
151CF	Committed Funding	0	0	0	0	0	0	0	0	0	0	0
221	Service Sustainability Investm	0	100,000	300,000	100,000	250,000	250,000	325,000	340,000	440,000	500,000	2,605,000
221CF	Committed Funding	100,000	0	0	0	0	0	0	0	0	0	100,000
Total		100,000	100,000	300,000	100,000	250,000	250,000	325,000	340,000	440,000	500,000	2,705,000

Related Projects		Historical Approved Budget				Operating Budget Impact				
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
					Total Expense	Net City Cost				
2016					200,000	200,000				0
2017					200,000	200,000				0
2019					736,000	736,000				0
2020					200,000	200,000				0
2021					200,000	200,000				0
2022					1,200,000	1,200,000				0
										0
										0

The increase in trail replacement reduces the operational repairs and maintenance for older trails at the end of their expected life.



Project Version Summary

Project #	PFO-013-12	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Park-Related Parking Lots Capital Upgrades		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project 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 2020 in conjunction with the asset management plan.

Version Description

2024: Kimmy Lucier Parking Lot \$100,000
 2025: Walker Homesite \$350,000
 2026: Malden parking lot on Matchett Rd \$500,000
 2027-2029: Mic Mac parking lots \$800,000
 2030-2032: Malden Park parking lot for Visitor Centre \$1,575,000
 2033: Optimist Memorial Park parking lot \$320,000

Project Comments/Reference	Version Comments
7159012 7181026 7191036 Closed: 7129007	COMMITMENTS: CR394/2023 C 131/2023: 2024 F169 \$25,000 2024 F221 \$75,000

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	100,000	350,000	500,000	200,000	300,000	300,000	300,000	375,000	900,000	320,000	3,645,000
Total	100,000	350,000	500,000	200,000	300,000	300,000	300,000	375,000	900,000	320,000	3,645,000
Revenues											
169 Pay As You Go - Capital Reserve	0	25,000	0	0	0	0	0	100,000	0	0	125,000
169CF Committed Funding	25,000	0	0	0	0	0	0	0	0	0	25,000
221 Service Sustainability Investm	0	325,000	500,000	200,000	300,000	300,000	300,000	275,000	900,000	320,000	3,420,000
221CF Committed Funding	75,000	0	0	0	0	0	0	0	0	0	75,000
Total	100,000	350,000	500,000	200,000	300,000	300,000	300,000	375,000	900,000	320,000	3,645,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2012	75,000	75,000	0				
		2019	1,000,000	1,000,000	0				
		2020	500,000	500,000	0				
		2021	200,000	200,000	0				
		2022	200,000	200,000	0				
		2023	200,000	200,000	0				
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date				
2012	January 1, 2019	Growth: 25.0 % Maintenance: 75.0 %		Wadah Al-Yassiri	2024+`				



Project Version Summary

Project #	PFO-014-12	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Park Community Partnership Initiatives		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project 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.
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Version Description	Annual funding has been identified by Parks administration for contributions to community based projects as they arise in the future over the ten year capital forecast period. This program is for users groups wishing to contribute funding to the improvement of any park asset, facility or space within the community. 2024: \$25,000 2025: \$25,000 2028-2030: \$75,000 2031-2033: \$150,000
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Project Comments/Reference	Version Comments
7129015 7201031- Riverside Miracle Park	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	25,000	25,000	0	0	25,000	25,000	25,000	50,000	50,000	50,000	275,000
	Total	25,000	25,000	0	0	25,000	25,000	25,000	50,000	50,000	50,000	275,000
Revenues												
169	Pay As You Go - Capital Reserve	25,000	25,000	0	0	25,000	25,000	25,000	50,000	50,000	50,000	275,000
	Total	25,000	25,000	0	0	25,000	25,000	25,000	50,000	50,000	50,000	275,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		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				
		2019	25,000	25,000	0				
		2020	25,000	25,000	0				
		2021	25,000	25,000	0				
		2022	25,000	25,000	0				
		2023	25,000	25,000	0				
Year Identified	Start Date	Project Type for 2024	Project Lead		Est. Completion Date				
2012	January 1, 2015	Growth: 100.0 % Maintenance: 0.0 %	Wadah Al-Yassiri		Ongoing`				



Project Version Summary

Project #	PFO-015-12	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Parks Master Plan		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
 The Parks Master Plan was last updated in 2017. This program created a new document that defines and shapes our parks system for the foreseeable future. This master plan is living document aligned with the City's capital budget forecast and will be updated every 5 years with attainable goals. This master plan will be phased in and adjusted periodically through internal strategic reviews.

Version Description
 2026- \$125,000 Master plan revisions
 2027- \$50,000 Update to Master Plan
 2028- \$50,000 Master plan revisions

Project Comments/Reference	Version Comments
7212008 Closed: 7129013	

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
2980 Contracted Services	0	0	125,000	50,000	50,000	0	0	0	0	0	225,000
Total	0	0	125,000	50,000	50,000	0	0	0	0	0	225,000
Revenues											
221 Service Sustainability Investm	0	0	125,000	50,000	50,000	0	0	0	0	0	225,000
Total	0	0	125,000	50,000	50,000	0	0	0	0	0	225,000

Related Projects	Historical Approved Budget				Operating Budget Impact		
	Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev) FTE Impact
			Net City Cost	Subsidies			0 0
	2013	140,000	140,000	0			Master Plan will guide future investment and prioritization of operating budget funding allocation based upon determined level of service.
	2021	50,000	50,000	0			
	2022	50,000	50,000	0			

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
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2012	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %	Wadah Al-Yassiri	Ongoing`
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Project Version Summary

Project #	PFO-016-12	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Parkland Acquisitions		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project 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 an even distribution of parkland in all classifications to service the needs of residents as per the City of Windsor Official Plan.

Version Description
 The project is used for parkland acquisition and development projects as the lands become available.
 2024-2033: \$500,000

Project Comments/Reference	Version Comments
7219015 Closed: 7129014 7181019	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
2950	Other Prof Services-External	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000
	Total	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000
Revenues												
151	Parks/Rec/Facil Acquis Funding	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000
	Total	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000

Related Projects	Historical Approved Budget			Operating Budget Impact	
			Revenue		
	Year	Total Expense	Net City Cost	Subsidies	
	2018	13,000	13,000	0	
	2021	50,000	50,000	0	
	2022	50,000	50,000	0	
	2023	50,000	50,000	0	

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
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2012	January 1, 2024	Growth: 100.0 % Maintenance: 0.0 %	Wadah Al-Yassiri/ James Chacko	Ongoing`
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Project Version Summary

Project #	PFO-017-12	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Playground Equipment Removal		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Playground Equipment Removal (Active)		

Project Description
 This project is required to fund the removal of playground equipment which is either being removed and not replaced or does not meet safety standards. The playground equipment audit is completed every five years with the expenditures being allocated to this project. The removal of non-compliant equipment to clear areas will mitigate possible future injuries and claims.

Version Description
 This project will fund the removal of playground equipment that have been identified as not being replaced as identified in Council report 142/2017. All costs to restore the park after the removal of the playground equipment will be included in this project. For the removal of playground equipment in disrepair and non-compliant with accessibility standards.
 2024-2030 \$700,000
 2031:\$150,000
 2032: \$50,000
 2033: \$200,000

Project Comments/Reference	Version Comments
7129009	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	100,000	100,000	100,000	100,000	100,000	100,000	100,000	150,000	50,000	200,000	1,100,000
	Total	100,000	100,000	100,000	100,000	100,000	100,000	100,000	150,000	50,000	200,000	1,100,000
Revenues												
151	Parks/Rec/Facil Acquis Funding	0	0	0	0	0	0	0	0	0	0	0
221	Service Sustainability Investm	100,000	100,000	100,000	100,000	100,000	100,000	100,000	150,000	50,000	200,000	1,100,000
	Total	100,000	100,000	100,000	100,000	100,000	100,000	100,000	150,000	50,000	200,000	1,100,000

Related Projects		Historical Approved Budget			Operating Budget Impact
			Revenue		
		<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
		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
		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
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date	
2012	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Jamie Scott	Ongoing`	



Project Version Summary

Project #	REC-002-14	Service Area	Community Services
Budget Year	2024	Department	Parks & Facilities
Asset Type	Unassigned	Division	Parks
Title	Relocation of Sandpoint Beach		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
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.

Relocation of Sandpoint Beach is projected to require over \$10M in funding.

Version Description

The redevelopment of the property has the highest capital budget impact. Administration has completed a preliminary capital cost estimate 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. 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.

In February 2018, CR 83/2018 was approved requesting an estimate from administration to conduct a preliminary study. The requested \$227,500 is for phase 1 of the capital project, to conduct the necessary environmental assessment in order to become aware of potential long-term options for the site. Based on the results of this assessment, administration will be much better equipped to provide the requirements for future funding and planning needed for a long-term solution.

In June 2021, CR265/2021 was approved authorizing the environmental assessment

2024: \$250,500

2025: \$777,000

2028-2030: \$900,000

Project Comments/Reference	Version Comments
7209003	COMMITMENT: CR 265/2021 - CAO-Clerks File SR/14130: 2024 F221 \$187,500 - 2024 F169 \$40,000

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	427,500	0	0	0	0	398,000	1,102,000	0	0	0	1,927,500
Total	427,500	0	0	0	0	398,000	1,102,000	0	0	0	1,927,500
Revenues											
169 Pay As You Go - Capital Reserve	200,000	0	0	0	0	398,000	202,000	0	0	0	800,000
169CF Committed Funding	40,000	0	0	0	0	0	0	0	0	0	40,000
176 Canada Community-Building Fund	0	0	0	0	0	0	0	0	0	0	0
221 Service Sustainability Investm	0	0	0	0	0	0	900,000	0	0	0	900,000
221CF Committed Funding	187,500	0	0	0	0	0	0	0	0	0	187,500
Total	427,500	0	0	0	0	398,000	1,102,000	0	0	0	1,927,500

Related Projects		Historical Approved Budget				Operating Budget Impact	
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date	Effective Date	Unknown	Exp/(Rev) FTE Impact
2014	September 1, 2024	Growth: 56.1 % Maintenance: 43.9 %	L. Ash	2024+			
					Description		
					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.		



Project Version Summary

Project #	REC-003-24	Service Area	Community Services
Budget Year	2024	Department	Recreation & Culture
Asset Type	Unassigned	Division	Admin - Recreation & Culture
Title	Confidential Recreation & Culture Matter (In-Camera)		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards			
Version Name	Main (Active)		

Project Description	
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Version Description	
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Project Comments/Reference	Version Comments
	In Camera report dated October 16, 2023.

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	0	0	1,000,000	0	0	0	0	0	0	0	1,000,000
	Total	0	0	1,000,000	0	0	0	0	0	0	0	1,000,000
Revenues												
169	Pay As You Go - Capital Reserve	0	0	1,000,000	0	0	0	0	0	0	0	1,000,000
	Total	0	0	1,000,000	0	0	0	0	0	0	0	1,000,000

Related Projects	Historical Approved Budget	Operating Budget Impact

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2024		Growth: 0.0 % Maintenance: 0.0 %	TBD	TBD`



Project Version Summary

Project #	REC-003-07	Service Area	Community Services
Budget Year	2024	Department	Recreation & Culture
Asset Type	Unassigned	Division	Community Centres & Programming
Title	Municipal Pools Refurbishment Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project 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.

Version Description
 Recreation and Culture's Community Centre infrastructure must be maintained in order to ensure continued high customer service standards. Prioritizing facility and equipment improvements to ensure they remain functional is the objective of this capital request. This capital funding is intended to be used for facility upgrades, maintenance, program equipment and Recreation Master Plan priorities

Project Comments/Reference	Version Comments
7069034 7224006	COMMITTED: CR304/2022 C 107/2022: 2025 F221 \$2,000,000

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	75,000	2,305,201	2,610,000	0	474,000	500,000	500,000	0	187,500	0	6,651,701
Total	75,000	2,305,201	2,610,000	0	474,000	500,000	500,000	0	187,500	0	6,651,701
Revenues											
221 Service Sustainability Investm	75,000	305,201	2,610,000	0	474,000	500,000	500,000	0	187,500	0	4,651,701
221CF Committed Funding	0	2,000,000	0	0	0	0	0	0	0	0	2,000,000
Total	75,000	2,305,201	2,610,000	0	474,000	500,000	500,000	0	187,500	0	6,651,701

Related Projects		Historical Approved Budget			Operating Budget Impact				
Follows REC-005-16		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
Project Title				Net City Cost	Subsidies				
Gino & Liz Marcus Community Centre Family Change Room		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				
		2019	1,057,000	1,057,000	0				
		2020	433,280	433,280	0				
		2021	37,000	37,000	0				
		2022	67,200	67,200	0				
		2023	132,000	132,000	0				
Year Identified	Start Date	Project Type for 2024	Project Lead		Est. Completion Date				
2007	January 2, 2017	Growth: 0.0 % Maintenance: 100.0 %	Jen Knights / Michael Chantler		Ongoing`				



Project Version Summary

Project #	REC-004-07	Service Area	Community Services
Budget Year	2024	Department	Recreation & Culture
Asset Type	Unassigned	Division	Community Centres & Programming
Title	Recreation Facility Refurbishment Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	Ongoing upgrades to facilities and services available in municipal recreation areas. A recent review indicates that the median age of the community centres is approximately 46 years, with 75% of all of our community centres being 25+ years old.
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Version Description	Recreation Master Plan Priorities
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Project Comments/Reference	Version Comments
7069035 7159012	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	300,000	50,000	100,000	50,000	300,000	300,000	300,000	185,000	112,500	0	1,697,500
	Total	300,000	50,000	100,000	50,000	300,000	300,000	300,000	185,000	112,500	0	1,697,500
Revenues												
125	Dev Chg - Indoor Recreation	5,000	5,000	94,950	0	0	0	0	0	0	0	104,950
221	Service Sustainability Investm	295,000	45,000	5,050	50,000	300,000	300,000	300,000	185,000	112,500	0	1,592,550
	Total	300,000	50,000	100,000	50,000	300,000	300,000	300,000	185,000	112,500	0	1,697,500

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				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				
		2019	50,000	50,000	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				
		No Operating budget Impact							
Year Identified	Start Date	Project Type for 2024	Project Lead		Est. Completion Date				
2007	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %	Jen Knights / Nada Tremblay		Ongoing`				



Project Version Summary

Project #	REC-001-18	Service Area	Community Services
Budget Year	2024	Department	Recreation & Culture
Asset Type	Unassigned	Division	Cultural Affairs
Title	Monument and Memorial Capital Repairs		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	Capital repairs to monuments and memorials throughout the City of Windsor such as Boer War Monument, Centotaph, Polish monument and Freedom Way. 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.
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Version Description	Funds are required to commence repairs on the Boer War, Cenotaph, Polish monument and Freedom Way to reduce public risk.
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Project Comments/Reference	Version Comments
7204002	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	75,000	75,000	75,000	75,000	75,000	0	75,000	75,000	0	525,000
Total	0	75,000	75,000	75,000	75,000	75,000	0	75,000	75,000	0	525,000
Revenues											
221 Service Sustainability Investm	0	75,000	75,000	75,000	75,000	75,000	0	75,000	75,000	0	525,000
Total	0	75,000	75,000	75,000	75,000	75,000	0	75,000	75,000	0	525,000

Related Projects	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>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> </tbody> </table>	Year	Total Expense	Revenue		Net City Cost	Subsidies	2022	75,000	75,000	0	2023	75,000	75,000	0	
Year	Total Expense			Revenue												
		Net City Cost	Subsidies													
2022	75,000	75,000	0													
2023	75,000	75,000	0													

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
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2018	January 1, 2022	Growth: 0.0 % Maintenance: 0.0 %	Michelle Staadegaard	Ongoing`
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Project Version Summary

Project #	REC-001-21	Service Area	Community Services
Budget Year	2024	Department	Recreation & Culture
Asset Type	Unassigned	Division	Cultural Affairs
Title	Spirit of Windsor Train		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	Ward 3		
Version Name	Main (Active)		

Project Description												
Spirit of Windsor Train ongoing maintenance												
Version Description												
Project Comments/Reference						Version Comments						
Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	0	0	0	0	0	0	0	50,000	50,000	0	100,000
	Total	0	0	0	0	0	0	0	50,000	50,000	0	100,000
Revenues												
169	Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0
221	Service Sustainability Investm	0	0	0	0	0	0	0	50,000	50,000	0	100,000
	Total	0	0	0	0	0	0	0	50,000	50,000	0	100,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2021		Growth: 0.0 % Maintenance: 0.0 %	Michelle Staaedegaard	Ongoing`



Project Version Summary

Project #	REC-002-07	Service Area	Community Services
Budget Year	2024	Department	Recreation & Culture
Asset Type	Unassigned	Division	Recreation Facilities
Title	Lakeview Park Marina Rehabilitation Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	Ward 6, Ward 7		
Version Name	Main (Active)		

Project Description	Replacement of the docks at Lakeview Park Marina to floating docks along with ongoing maintenance and structural repairs.
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Version Description	<p>Specific work identified at this time is as follows:</p> <ul style="list-style-type: none"> - Replacement of the docks to floating docks - Ongoing maintenance and general structural repairs - Lighthouse repairs - Dredging - New pumpout system
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Project Comments/Reference	Version Comments
7171033 Closed: 7061146 7161014	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	50,000	50,000	34,000	34,000	275,000	275,000	275,000	275,000	0	450,000	1,718,000
	Total	50,000	50,000	34,000	34,000	275,000	275,000	275,000	275,000	0	450,000	1,718,000
Revenues												
165	Lakeview Park Marina	50,000	50,000	0	0	0	0	0	0	0	0	100,000
169	Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0
221	Service Sustainability Investm	0	0	34,000	34,000	275,000	275,000	275,000	275,000	0	450,000	1,618,000
	Total	50,000	50,000	34,000	34,000	275,000	275,000	275,000	275,000	0	450,000	1,718,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2012	60,000	60,000	0				
		2017	100,000	100,000	0				
		2018	50,000	50,000	0				
		2019	180,000	180,000	0				
		2020	1,393,646	811,646	582,000				
		2021	2,651,240	2,171,240	480,000				
		2022	360,114	360,114	0				
		2023	950,000	950,000	0				
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date			
2007	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %		Jen Knights		Ongoing`			



Project Version Summary

Project #	REC-004-08	Service Area	Community Services
Budget Year	2024	Department	Recreation & Culture
Asset Type	Unassigned	Division	Recreation Facilities
Title	The WFCU Centre Capital Rehabilitation Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	Ward 6		
Version Name	Main (Active)		

Project Description	The WFCU Centre was constructed in 2007-2008 and requires ongoing capital maintenance and adjustments to continue to operate this state-of-the-art facility.
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Version Description	The WFCU Centre is highly used by the City for programs, services and events in addition to the use by tenants such as Oak View Group (OVG), Life After Fifty, A21 Academy, the Windsor Spitfires, and the Windsor Express
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Project Comments/Reference	Version Comments
7064900 7161046	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	200,000	540,000	790,000	300,000	300,000	300,000	290,000	185,000	2,450,000	5,355,000
Total	0	200,000	540,000	790,000	300,000	300,000	300,000	290,000	185,000	2,450,000	5,355,000
Revenues											
151 Parks/Rec/Facil Acquis Funding	0	200,000	540,000	790,000	300,000	300,000	300,000	290,000	185,000	2,450,000	5,355,000
221 Service Sustainability Investm	0	0	0	0	0	0	0	0	0	0	0
Total	0	200,000	540,000	790,000	300,000	300,000	300,000	290,000	185,000	2,450,000	5,355,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2014	26,000	26,000	0				
		2016	340,000	340,000	0				
		2017	430,000	430,000	0				
		2019	200,000	200,000	0				
		2020	480,000	480,000	0				
		2021	978,441	978,441	0				
		2023	1,100,000	1,100,000	0				
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date				
2008	January 2, 2017	Growth: 0.0 % Maintenance: 0.0 %		James Chacko	Ongoing`				



Project Version Summary

Project #	REC-004-24	Service Area	Community Services
Budget Year	2024	Department	Recreation & Culture
Asset Type	Unassigned	Division	Recreation Facilities
Title	South Windsor Library and Community Centre		
Budget Status	Administrative (CLT) Review		
Major Category	Parks & Recreation		
Wards	Ward 10		
Version Name	Main (Active)		

Project Description	
The City has a strong base of library and recreation facilities but to address future growth demands, in terms of both programming capacity and geographic distribution, ensuring recreational, cultural and library-based opportunities that are well-distributed is essential. Funding for a future community centre and library would add to the mix of longstanding community-focused facilities.	
Version Description	
The creation of an additional community centre and library in south Windsor, an area that continues to experience strong population growth, would provide the opportunity to offer unique community-driven program offerings as well as to collaborate with partners, in order provide both indoor and outdoor programmed and drop-in opportunities for residents.	
Project Comments/Reference	Version Comments

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	0	0	0	0	0	0	500,000	0	0	0	500,000
	Total	0	0	0	0	0	0	500,000	0	0	0	500,000
Revenues												
176	Canada Community-Building Fund	0	0	0	0	0	0	500,000	0	0	0	500,000
	Total	0	0	0	0	0	0	500,000	0	0	0	500,000

Related Projects	Historical Approved Budget	Operating Budget Impact

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2024		Growth: 0.0 % Maintenance: 0.0 %	TBD	TBD`



Project Version Summary

Project #	REC-005-07	Service Area	Community Services
Budget Year	2024	Department	Recreation & Culture
Asset Type	Unassigned	Division	Recreation Facilities
Title	Corporate Arena Refurbishments		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
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, Capri Pizzeria Recreation Complex Arenas) and outdoor rink (Lanspeary Rink). 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.												
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.												
Project Comments/Reference						Version Comments						
7069036												
Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	2,400,000	200,000	1,090,000	1,000,000	0	0	0	700,000	0	450,000	5,840,000
	Total	2,400,000	200,000	1,090,000	1,000,000	0	0	0	700,000	0	450,000	5,840,000
Revenues												
221	Service Sustainability Investm	2,400,000	200,000	1,090,000	1,000,000	0	0	0	700,000	0	450,000	5,840,000
	Total	2,400,000	200,000	1,090,000	1,000,000	0	0	0	700,000	0	450,000	5,840,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2009	200,000	200,000	0			0	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				
		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				
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date			
2007	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %		Ray Mensour		Ongoing`			



2024 Recommended Capital Budget

Office of the Commissioner of Corporate Services



Project Version Summary

Project #	LGL-001-22	Service Area	Corporate Services
Budget Year	2024	Department	City Solicitor
Asset Type	Unassigned	Division	Legal Services & Real Estate
Title	Confidential Legal Matter (In-Camera)		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards			
Version Name	Main (Active)		

Project Description																									
Version Description																									
Project Comments/Reference						Version Comments																			
7221036																									
Project Detailed Forecast																									
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total														
Expenses																									
2920 Legal Services	1,500,000	1,500,000	1,500,000	1,000,000	0	1,500,000	1,500,000	2,001,982	1,498,018	0	12,000,000														
Total	1,500,000	1,500,000	1,500,000	1,000,000	0	1,500,000	1,500,000	2,001,982	1,498,018	0	12,000,000														
Revenues																									
169 Pay As You Go - Capital Reserve	1,500,000	1,500,000	1,500,000	1,000,000	0	1,500,000	1,500,000	2,001,982	1,498,018	0	12,000,000														
Total	1,500,000	1,500,000	1,500,000	1,000,000	0	1,500,000	1,500,000	2,001,982	1,498,018	0	12,000,000														
Related Projects			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>2022</td> <td>1,500,000</td> <td>1,500,000</td> <td>0</td> </tr> <tr> <td>2023</td> <td>1,500,000</td> <td>1,500,000</td> <td>0</td> </tr> </tbody> </table>				Year	Total Expense	Revenue		Net City Cost	Subsidies	2022	1,500,000	1,500,000	0	2023	1,500,000	1,500,000	0					
Year	Total Expense	Revenue																							
		Net City Cost	Subsidies																						
2022	1,500,000	1,500,000	0																						
2023	1,500,000	1,500,000	0																						
Year Identified	Start Date	Project Type for 2024	Project Lead			Est. Completion Date																			

2022		Growth: 100.0 % Maintenance: 0.0 %	TBD	TBD`
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Project Version Summary

Project #	LGL-002-17	Service Area	Corporate Services
Budget Year	2024	Department	City Solicitor
Asset Type	Unassigned	Division	Legal Services & Real Estate
Title	Demolition of Transitional Buildings		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
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.

Version Description
 The Real Estate Division will be bringing forward reports for the demolition of various transitional properties currently under the Transitional Buildings portfolio. These include properties that were vested to the City prior to 2017 that need to be demolished. The Real Estate Division requests placeholder funding of \$100,000 for 2031. Carrying properties in poor condition for a prolonged period has reputation risks for the City. These properties also require maintenance and security. Administration may propose to fund this project with some of the demolition costs from the eventual sale of these properties. However, the amount of sale proceeds are unclear given the prolonged time frame of their demolition.

Project Comments/Reference	Version Comments
7222001	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	100,000	100,000	0	0	100,000	100,000	100,000	100,000	0	0	600,000
Total	100,000	100,000	0	0	100,000	100,000	100,000	100,000	0	0	600,000
Revenues											
221 Service Sustainability Investm	100,000	100,000	0	0	100,000	100,000	100,000	100,000	0	0	600,000
Total	100,000	100,000	0	0	100,000	100,000	100,000	100,000	0	0	600,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies	Description		0	0
		2022	60,000	60,000	0	No Operating Budget Impact			
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date			
2017	January 1, 2024	Growth: 0.0 % Maintenance: 100.0 %		Denise Wright		Ongoing`			



Project Version Summary

Project #	SAC-001-24	Service Area	Corporate Services
Budget Year	2024	Department	Corporate Security
Asset Type	Unassigned	Division	Security & Special Activities
Title	Corporate Security		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	General provision for corporate security measures to be implemented at various City facilities.										
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Version Description											
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Project Comments/Reference											
Version Comments											

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	75,000	0	0	0	0	0	0	0	0	75,000
Total	0	75,000	0	0	0	0	0	0	0	0	75,000
Revenues											
169 Pay As You Go - Capital Reserve	0	75,000	0	0	0	0	0	0	0	0	75,000
Total	0	75,000	0	0	0	0	0	0	0	0	75,000

Related Projects	Historical Approved Budget	Operating Budget Impact

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2024	January 1, 2024	Growth: 0.0 % Maintenance: 0.0 %	TBD	TBD`



Project Version Summary

Project #	CNS-002-24	Service Area	Corporate Services
Budget Year	2024	Department	Council Services
Asset Type	Unassigned	Division	Administration Council Services
Title	Electronic Agenda Upgrade		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

Agenda.net version 5.081 was implemented in 2015 (Q4) and introduced electronic workflow approvals to the Corporation, ensured version control and standardized the process to generate and compile Reports, Agendas, Minutes, etc. for the Clerk's Office – Council Services Division.

In 2019, an Agenda.net Version 6.01 upgrade project was initiated. Agenda.net upgrade project for the reasons listed in the project close, with approval from the Executive Committee, was cancelled. At project close, it was recommended a new project be initiated for Agenda.net's replacement. The upgrade's project close listed items (some deliverables) to be carried forward to the new replacement Project. These dispositioned items will be carried into scope of this project and will be noted as carried forward items from the Upgrade Project. It was also recommended, the same members from the Executive Committee who participated in the Upgrade project continue in the new project in Agenda.net replacement.

While Agenda.net has served the Clerk's needs in facilitating the generation and management of Agendas and Minutes for Council and Standing Committee Meetings, Council Services requested to replace the existing agenda management software with a modern, web based, AODA compliant solution. The solution must eliminate the need to deploy client software to each user's device, support Microsoft 365 and improve functionality. The Clerk's office has received feedback from Report Writers (Users) that the User Experience (UX) in the existing Agenda.net system is cumbersome and there is limited collaboration (no real-time) and that search/retrieval of documents is poor and lacking. A focused intention to improve the UX for staff and public, would include, but not limited to would be a modern, straight forward user interface, simple council report generation, allowing multiple users to collaborate, access and edit/save their reports in real-time followed by easy workflow/approval process. The new solution would position Council services for the next generation of solution offerings for the Corporation, i.e. Council Services, Report Authors, Workflow Approval, Version Control, Council/Mayor and the public.

In addition, the solution should offer a searchable document retrieval online portal available to Users and the Public. If the current system is not replaced the efficacies gained by Council Services in the compilation of Agenda's and Minutes, version control and workflow approval process realized via Agenda.net will be lost and reverted back to manual process.

Council Services would like to replace Agenda.net software to improve the User Experience, provide an efficient end to end solution, and to provide a transparent and AODA compliant meeting management solution for Council and Board/Committee meetings held or conducted for the City of Windsor. Agenda.Net application has met some of the needs of the corporation, however, Council Services would be looking at advancing the functionality and preparing the stakeholders for future functionality and technological advancement. In addition to the replacement, a streamlined process review is required to meet the current/future needs of the organization.

Version Description

Funds will be utilized to replace Agenda.net and purchase new software to improve the User Experience, provide an efficient end to end solution, and to provide a transparent and AODA compliant meeting management solution for Council and Board/Committee meetings held or conducted for the City of Windsor. Council Services would be looking at advancing the functionality and preparing the stakeholders for future functionality and technological advancement.

Project Comments/Reference

7121005

Version Comments

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
2915	Consulting Services - External	75,000	0	0	0	0	0	0	0	0	0	75,000
Total		75,000	0	0	0	0	0	0	0	0	0	75,000
Revenues												
169	Pay As You Go - Capital Reserve	75,000	0	0	0	0	0	0	0	0	0	75,000
Total		75,000	0	0	0	0	0	0	0	0	0	75,000
Related Projects		Historical Approved Budget					Operating Budget Impact					
Year Identified	Start Date	Project Type for 2024		Project Lead			Est. Completion Date					
2024		Growth: 100.0 % Maintenance: 0.0 %		Anna Ciacelli			TBD`					



Project Version Summary

Project #	ECB-039-18	Service Area	Corporate Services
Budget Year	2024	Department	Council Services
Asset Type	Unassigned	Division	Administration Council Services
Title	Ward Funds		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Community & Economic Development		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	This amount is set aside by Council and will be self-approved by City Council.										
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Version Description											
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Project Comments/Reference	Version Comments										
7165003	COMMITMENT: B5/2023 C 26/2023: 2027 F169 \$1,100,000										

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	275,000	0	1,100,000	0	0	0	0	0	0	1,375,000
Total	0	275,000	0	1,100,000	0	0	0	0	0	0	1,375,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0
169CF Committed Funding	0	275,000	0	1,100,000	0	0	0	0	0	0	1,375,000
Total	0	275,000	0	1,100,000	0	0	0	0	0	0	1,375,000

Related Projects		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>2019</td> <td>500,000</td> <td>500,000</td> <td>0</td> </tr> <tr> <td>2023</td> <td>1,600,000</td> <td>1,600,000</td> <td>0</td> </tr> </tbody> </table>			Year	Total Expense	Revenue		Net City Cost	Subsidies	2019	500,000	500,000	0	2023	1,600,000	1,600,000	0		
Year	Total Expense	Revenue																		
		Net City Cost	Subsidies																	
2019	500,000	500,000	0																	
2023	1,600,000	1,600,000	0																	
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date																
2018	March 1, 2018	Growth: 0.0 % Maintenance: 0.0 %	Various	TBD`																



Project Version Summary

Project #	ITC-001-21	Service Area	Corporate Services
Budget Year	2024	Department	Council Services
Asset Type	Unassigned	Division	Administration Council Services
Title	Records Management - Replacement of Live Link System		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description												
Replacement of our current antiquated document management system (Live Link) is required. An analysis is needed to identify new requirements and determine the necessary funding level to achieve the established goals. \$40,000 was initially approved in 2021 Capital Budget to allow an external consultant to investigate electronic records management and data governance.												
Version Description												
2024-The implementation of a new Electronic Records & Document Management Solution to replace Livelink and other legacy systems. Funds will be allocated to software, technology and resourcing costs.												
Project Comments/Reference						Version Comments						
7211019												
Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
2915	Consulting Services - External	2,000,000	0	0	0	0	0	0	0	0	0	2,000,000
	Total	2,000,000	0	0	0	0	0	0	0	0	0	2,000,000
Revenues												
169	Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0
221	Service Sustainability Investm	2,000,000	0	0	0	0	0	0	0	0	0	2,000,000
	Total	2,000,000	0	0	0	0	0	0	0	0	0	2,000,000

Related Projects		Historical Approved Budget			Operating Budget Impact	
		Revenue				
Year	Total Expense	Net City Cost	Subsidies			
2021	40,000	40,000	0			
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date		
2021		Growth: 0.0 % Maintenance: 100.0 %	Terri Knight	TBD`		



Project Version Summary

Project #	HCP-001-07	Service Area	Corporate Services
Budget Year	2024	Department	Human Resources & Employee Relations
Asset Type	Unassigned	Division	Administration - Human Resources
Title	Accessibility - ODA Compliance		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project 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 dedication of \$50,000 per year for the removal of non-built environment barriers (this portion focuses on items such as sign language interpreters, translations to more accessible formats etc.). Up to \$50,000 annually can be allocated for such purposes and any portion of the yearly \$50,000 that is not utilized rolls over to be available for built environment initiatives in future years.

Version Description

This Capital project provides financial support for corporate departments to identify and provide a process to remove accessibility barriers in City properties and facilities. Departments may bring a funding application to the Windsor Accessibility Advisory Committee and the Committee makes recommendations regarding the approval of the funding applications.

This Capital project is prioritized and administered by the Windsor Accessibility Advisory Committee (WAAC) to ensure that funding for projects to remove barriers has been reviewed by and prioritized by people with disabilities. Adequate and ongoing funding to this fund ensures that accessibility barriers to both the built and non-built environment can be adequately addressed and that the process ensure persons with disabilities are involved in the decision-making process.

Project Comments/Reference	Version Comments
7086008 Closed: 7035138	<p>This Capital project has been extremely valuable to address the needs of Departments and our customers that go above and beyond the AODA requirements. The AODA is meant to be a proactive tool so that organizations meet certain accessibility standards but retrofits are not required under the legislation. Customers can still request improvements above and beyond the AODA and if organizations do not address reasonable requests they can face potential Human Rights complaints. This fund allows our City Departments to identify projects that fall in this gap and will offer accessibility enhancements that will then undergo the review of our Accessibility Advisory Committee to determine the projects that most meet the needs of our community.</p> <p>This project has allowed for some wonderful community projects that have greatly improved accessibility of our Corporate services and facilities over the years. Just a handful of wonderful projects this Capital Project has helped to fund :</p> <ul style="list-style-type: none"> • Accessible beach mats and 2 accessible floating Mobi Chairs at Sandpoint beach, • Hydraulic lift adult change tables at a number of facilities across the City, • Ceiling lifts, Hoyer power advanced portable lifts and also pool lifts, • Water wheelchairs and accessible floatation devices, • Additional audible pedestrian signals in key areas identified to meet community needs • Additional accessible door actuators in identified facilities • Accessible outdoor fitness equipment • Lower customer service counters • Accessible sign enhancements at a number of facilities • Accessible washroom and accessible change room upgrades at key identified facilities

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	50,000	30,000	30,000	30,000	0	0	250,000	0	0	0	390,000
Total	50,000	30,000	30,000	30,000	0	0	250,000	0	0	0	390,000
Revenues											
160 Capital Expenditure Reserve	50,000	30,000	30,000	30,000	0	0	250,000	0	0	0	390,000
Total	50,000	30,000	30,000	30,000	0	0	250,000	0	0	0	390,000

Related Projects		Historical Approved Budget				Operating Budget Impact			
		Revenue				Effective Date	Unknown	Exp/(Rev)	FTE Impact
Year	Total Expense	Net City Cost	Subsidies		Description		0	0	
2007	100,000	100,000	0		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.				
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						
2020	100,000	100,000	0						
2021	100,000	100,000	0						
2022	100,000	100,000	0						
Year Identified	Start Date	Project Type for 2024	Project Lead		Est. Completion Date				
2007	January 1, 2015	Growth: 100.0 % Maintenance: 0.0 %	TBD		Ongoing`				



Project Version Summary

Project #	HRS-001-19	Service Area	Corporate Services
Budget Year	2024	Department	Human Resources & Employee Relations
Asset Type	Unassigned	Division	Administration - Human Resources
Title	Diversity and Inclusion Initiative (Phases 1 and 2)		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Community & Economic Development		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

The Mayor and City Council remain dedicated to continually taking steps to learn and grow as a community and they recognize that our diversity adds to our strength and creates an important opportunity for fostering understanding, acceptance, and innovation.

This Diversity and Inclusion Initiative is the next proactive step to provide a detailed review and measurable plan to further enhance our efforts. Its purpose is to proactively address the every changing unique wants and needs of our diverse community and strive to attract and retain an innovative, talented, and diverse workforce with the needed skills, experience and dedication to excellence. This initiative is yet another tool to help shape our future in a direction that complements our 20 year strategic vision.

Version Description

City Council Decision CR361/2018 approved the City of Windsor’s Diversity and Inclusion Initiative, authorized Administration to distribute a Workforce Census to staff, provided funding in the amount of \$62,800 from the Budget Stabilization Reserve Account to cover budget needs for the remainder of 2018, directed Administration to bring forward future costing requirements as it relates to the Diversity and Inclusion initiative for Council’s consideration at future Capital Budget periods. As this is a multi-year Initiative, sufficient, additional, ongoing funding throughout the duration of the Initiative is needed to ensure that all of the endorsed Goals, Objectives and Action Items are all appropriately addressed. The majority of the Action items outlined for phase one of the initiative are underway and others have been completed. Some of the highlights of the Initiative thus far are the roll out of the results of the first corporate workforce Census, a communication campaign, implementation of an Internal Diversity Committee, called the Inclusive Action Network, as well as a number of Employee Resource Groups. The intent of these groups is to utilize the ideas and experiences of our diverse employees to help find effective, workable solutions to issues, while providing a space for those employees to feel more engaged with and connected to the company. To date, with the guidance and assistance of these groups, we have created a corporate Diversity Calendar, successfully implemented Video remote interpreting at numerous customer service areas, rolled out a variety of staff training, and conducted events to bring together employees to learn about diversity (Topics have included, Black history month, Women’s history month, LGBTQ+ film festival, Mental Health awareness, Intergenerational trivia, Invisible disabilities panel discussion, Canada day trivia, Brain injury awareness, and Indigenous documentaries).

There are seven (7) essential areas to the requirements of the Diversity and Inclusion Initiative: enhanced training, effective communication, leveraging technology , inclusion campaign, community outreach, efficient project administration, departmental needs .It has been identified that effectively addressing each of these 7 areas is essential to fulfilling the measurable Goals, Objectives and Action Items in this initial phase of the Initiative.

Phase Two (Community outreach) is currently in the final stages before roll out. A great deal of work went into creating a thorough RFP to seek an experienced consultant with lived experience to assist with an Anti-Racism and Anti Discrimination consultation and action plan for the Corporation and community. The purpose of the consultation is to facilitate a better understanding of the issues, challenges, systemic barriers, and discrimination experienced by a variety of groups including Indigenous Peoples, Black people, Racialized people and other equity-deserving communities including, diverse faith communities, persons living with disabilities, culturally diverse communities, women, and the 2SLGBTQIA+ communities, the Corporation is embarking on a process of discovery, driven by a thorough consultation process, designed to engage a broad range of diverse residents, community leaders, organizations, and staff to solicit feedback for the purpose of identifying those systemic barriers and issues that prevent all members of the community from fully participating and enjoying all that their community has to offer. The selected proponent will design and deploy a range of community-based engagement tools/methods with the purpose of engaging diverse residents and staff and identifying issues, barriers, gaps, challenges, and opportunities. After the broad consultation, the proponent will work with city administration and a small group of key members of the above noted communities to review the summarized findings, prioritize, and identify the most salient issues, barriers, gaps, opportunities and best practices. This review and feedback will be used by the proponent to help craft a relevant and responsive Anti-Racism/Anti-Discrimination Strategy including goals, recommendations and actionable initiatives.

Given that the Diversity and Inclusion Initiative is a key component of the risk mitigation strategies tied to 4 of the identified Enterprise risks, this program is as a key priority for the Corporation and includes risks to Attraction & Retention; Socio-Cultural; Portrayal and Organizational Culture.

Project Comments/Reference

7192002

Version Comments

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
2915 Consulting Services - External	30,000	0	0	0	0	0	0	0	0	0	30,000
Total	30,000	0	0	0	0	0	0	0	0	0	30,000
Revenues											
169 Pay As You Go - Capital Reserve	30,000	0	0	0	0	0	0	0	0	0	30,000
Total	30,000	0	0	0	0	0	0	0	0	0	30,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2019	120,000	120,000	0				
		2020	120,000	120,000	0				
		2022	50,000	50,000	0				
		2023	50,000	50,000	0				
		<p>Corporate Inclusion</p> <p>Through the several types of risk assessments conducted at the City of Windsor, mitigation strategies have been identified to help reduce significant and critical risks to a tolerable level. The Diversity and Inclusion Initiative is a key component of the risk mitigation strategies tied to 4 of the identified Enterprise risks: 1. Attraction & Retention - Making job descriptions more flexible to ensure top candidates are not unnecessarily deemed unqualified 2. Socio-Cultural - Targeting a wider demographic through implementation of Diversity Plan 3. Portrayal - Promoting a positive message about the City, its livability and opportunities 4. Organizational Culture - Undertake targeted audits aimed at resolving cultural and organizational issues in various work areas</p>							
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date					
2019	June 18, 2018	Growth: 100.0 % Maintenance: 0.0 %	TBD	2024`					



Project Version Summary

Project #	HRS-002-08	Service Area	Corporate Services
Budget Year	2024	Department	Human Resources & Employee Relations
Asset Type	Unassigned	Division	Occupational H&S & Wellness
Title	Corporate Health and Safety Program - Assessments		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
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 ergonomic 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 don't 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 added to the Criminal Code (in Bill C-45) 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.

Given the size of the Corporation's workforce, the number of worksites, the range of types of work we undertake each day and our commitment to maintaining compliance with OHS reporting requirements, the MOL visits our sites on a continuous and proactive basis.

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
 - designated substance assessments to identify the presence and condition of any of these eleven substances, average cost \$ 800 to 1,000.00 depending upon the site
 - engineering assessments for implementing engineering controls (i.e. retrofitting current equipment and developing specifications for purchases of new equipment) the costing for which varies due to factors such as the complexity of the equipment/process, the number of pieces of equipment affected, etc.
- In 2018, the Workplace Safety and Insurance Board conducted a Work Well Assessment for Transit Windsor. The results of this Assessment may require changes or new processes be implemented that have financial requirements.
- Each year the MOL conducts a number of targeted safety blitzes based on accident and injury data from Ontario Workplaces. An example of such a blitz is the annual Young Worker Safety blitz, which can include random site visits at worksites where our student lottery hires are deployed, and have the potential to result in orders to the Corporation if non-compliance is identified at any site. Achieving compliance with orders may require financial resources to undertake such items as training, purchase of equipment and/or personal protective equipment and hygiene testing.

Ministry of Labour blitzes scheduled in 2022 and 2023 are:

- Healthy workers in healthy workplaces – occupational disease
- Health care initiatives - Safe transition/transfer of care
- Industrial initiatives - Workplace violence in education, material handling strategy
- Specialized Professional Services Initiative - Respiratory protection (hygiene), asbestos in building structures (hygiene)

Project Comments/Reference

(Closed: 7081015, 7091019 - Project funding of \$100,000 approved in 2009)
 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 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. As of August 2022, our records indicate the Corporation owns 198 properties. The cost of individual site surveys varies depending on such factors as the total square footage, number of renovations and year of build. As of the time of this report, 14 properties remain in need of surveying.

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
2220	Maintenance Parts & Materials	35,000	0	0	0	0	0	117,250	0	0	0	152,250
Total		35,000	0	0	0	0	0	117,250	0	0	0	152,250
Revenues												
160	Capital Expenditure Reserve	0	0	0	0	0	0	117,250	0	0	0	117,250
169	Pay As You Go - Capital Reserve	35,000	0	0	0	0	0	0	0	0	0	35,000
Total		35,000	0	0	0	0	0	117,250	0	0	0	152,250

Related Projects		Historical Approved Budget				Operating Budget Impact			
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2008	25,000	25,000	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				
		2018	10,000	10,000	0				
		2019	10,000	10,000	0				
		2020	10,000	10,000	0				
		2021	10,000	10,000	0				

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2008	January 1, 2015	Growth: 100.0 % Maintenance: 0.0 %	Julie Ryckman	Ongoing`



Project Version Summary

Project #	HRS-002-09	Service Area	Corporate Services
Budget Year	2024	Department	Human Resources & Employee Relations
Asset Type	Unassigned	Division	Administration - Human Resources
Title	Accessibility - AODA Standard Training, Materials and Outreach		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
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 accessibility 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 and we are on track and are in good standing for the December 2019 filing.

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.

As a result of a legislative review, as of July 1, 2016 all accessibility standards — including the accessible customer service standard — became part of one regulation: the Integrated Accessibility Standards Regulation. Some new requirements, including expanded training requirements, had to 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 and remediation requests tied to the Integrated Accessibility Standards on an ongoing basis.

Project Comments/Reference	Version Comments
<p>7091017</p> <p>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.</p> <p>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.</p> <p>Changes to the Customer Service Standard under the Accessibility for Ontarians with Disabilities Act , 2005, S.O. 2005, c. 11 ("AODA") came into force on July 1, 2016 and applies 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).</p> <p>The upcoming funding request is for document and website remediation processes required to be in compliance with legislation. Remediation takes time and can be costly therefore, additional funding is required to help with the costs associated with completing this process by the legislated deadline.</p>	<p>This is an ongoing project regarding the implementation of legislated accessibility standards under the Accessibility for Ontarians with Disabilities Act. \$74,500 in funding is requested in 2020 to cover the costs of document and website remediation. As noted earlier, remediation takes time and can be costly therefore, funding is required in 2020 to cover the costs associated with meeting the requirements by the legislated deadline of Dec 31, 2020.</p> <p>The project was originally scheduled to close at the end of 2021 based upon the meeting the legislated due dates. Given there will be ongoing costs and responsibilities to remain in compliance after the legislated due dates, it is recommended that this project remain ongoing and annual funds be available.</p>

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
2950	Other Prof Services-External	0	20,000	20,000	20,000	0	0	0	0	0	0	60,000
Total		0	20,000	20,000	20,000	0	0	0	0	0	0	60,000
Revenues												
160	Capital Expenditure Reserve	0	20,000	20,000	20,000	0	0	0	0	0	0	60,000
Total		0	20,000	20,000	20,000	0	0	0	0	0	0	60,000
Related Projects		Historical Approved Budget				Operating Budget Impact						
				Revenue				Effective Date Unknown		Exp/(Rev) FTE Impact		
		<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Description				0	0	
		2009	100,000	100,000	0	No operating budget impact.						
		2013	32,000	32,000	0							
		2014	52,000	52,000	0							
		2017	51,500	51,500	0							
		2020	74,500	74,500	0							
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date						
2009	January 2, 2017	Growth: 0.0 % Maintenance: 0.0 %		TBD		Ongoing`						



Project Version Summary

Project #	ITC-001-08	Service Area	Corporate Services
Budget Year	2024	Department	Information Technology
Asset Type	Unassigned	Division	Administration - Info. Tech.
Title	Information Technology Business Continuity Improvements		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
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 to 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 on a regular cadence.

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 (Corporate Data & Network Security Initiatives) 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. Now that funding has been established, work can begin on this project. A consultant has been hired to conduct a corporate technology assessment and the development of a technology plan. This will help the Information Technology department provide a more reliable service, taking better advantage of cloud technologies to enable the Corporation to continue operations during a pandemic, cyber situation or natural disaster.

Project Comments/Reference

7209005

Version Comments

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	75,000	100,000	0	0	75,000	50,000	50,000	50,000	50,000	225,000	675,000
Total		75,000	100,000	0	0	75,000	50,000	50,000	50,000	50,000	225,000	675,000
Revenues												
169	Pay As You Go - Capital Reserve	75,000	50,000	0	0	25,000	25,000	25,000	25,000	25,000	25,000	275,000
221	Service Sustainability Investm	0	50,000	0	0	50,000	25,000	25,000	25,000	25,000	200,000	400,000
Total		75,000	100,000	0	0	75,000	50,000	50,000	50,000	50,000	225,000	675,000
Related Projects		Historical Approved Budget				Operating Budget Impact						
				Revenue		Effective Date Unknown		Exp/(Rev)		FTE Impact		
		Year	Total Expense	Net City Cost	Subsidies	Description						
		2020	100,000	100,000	0	No Operating Budget Impact						0
		2021	100,000	100,000	0							0
		2022	200,000	200,000	0							0
		2023	150,000	150,000	0							0
Year Identified	Start Date	Project Type for 2024		Project Lead			Est. Completion Date					
2008	January 1, 2020	Growth: 100.0 % Maintenance: 0.0 %		Chantelle Bernard			Ongoing`					



Project Version Summary

Project #	ITC-001-10	Service Area	Corporate Services
Budget Year	2024	Department	Information Technology
Asset Type	Unassigned	Division	Administration - Info. Tech.
Title	Smart Community Initiative		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

Under the umbrella of e-Government there are several pillars. In addition to Modernizing our services, which the MyWindsor project is addressing, there is also effort to continually improve transparency, community engagement and Open Government. This requires investment in tools and technology to improve the citizen experience online providing more timely access to information and opportunities to engage. As the region moves forward with a variety of efforts to redefine our economy, working smarter, together with our Residents and business is essential. The Smart Community initiative is one of the key ways that we can accomplish this.

Version Description

This funding will be used to fund e-Government projects that expand the opportunities available to engage with the public, improve the citizen's online experience and improve access to public information through open data.

2024-2028: Citizen self-service initiatives; Digital City Services; Improved open data and transparency initiatives.

Related projects include:

- MyWindsor e-services program
- Open data portal - regional data sharing initiatives
- Enable and report on e-Government initiatives
- Citizen engagement portal (pilot)

Project Comments/Reference	Version Comments
7009015	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5411	Construction Contracts-Non TCA	200,000	200,000	200,000	200,000	50,000	50,000	50,000	50,000	50,000	150,000	1,200,000
	Total	200,000	200,000	200,000	200,000	50,000	50,000	50,000	50,000	50,000	150,000	1,200,000
Revenues												
160	Capital Expenditure Reserve	0	0	0	0	0	0	0	0	0	0	0
169	Pay As You Go - Capital Reserve	200,000	200,000	200,000	200,000	50,000	50,000	50,000	50,000	50,000	150,000	1,200,000
	Total	200,000	200,000	200,000	200,000	50,000	50,000	50,000	50,000	50,000	150,000	1,200,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2019	136,400	136,400	0				
		2020	136,400	136,400	0				
		2021	96,400	96,400	0				
		2022	200,000	200,000	0				
		2023	200,000	200,000	0				
					No Operating Budget Impact				
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date				
2010	January 1, 2019	Growth: 0.0 % Maintenance: 100.0 %		Josh Higgins	Ongoing`				



Project Version Summary

Project #	ITC-001-13	Service Area	Corporate Services
Budget Year	2024	Department	Information Technology
Asset Type	Unassigned	Division	Administration - Info. Tech.
Title	Corporate Integration of Mobile Technologies		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

Under the e-Government umbrella and modernizing government also includes moving City Services closer to the Resident and business and making them more mobile. Funding request is to facilitate implementation of organizational 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.

Two factors are driving this future investment requirement:

- 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.
- 2) Technology changes in the mobile space are rapid and significant. Solutions implemented today will be sufficient, but this mobile space is changing so quickly it is almost certain these solutions will become antiquated in the coming years.

Version Description

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.

Project Comments/Reference

7199003

Version Comments

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5411 Construction Contracts-Non TCA	0	0	0	300,000	50,000	50,000	50,000	675,000	50,000	50,000	1,225,000
Total	0	0	0	300,000	50,000	50,000	50,000	675,000	50,000	50,000	1,225,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	300,000	50,000	50,000	50,000	675,000	50,000	50,000	1,225,000
Total	0	0	0	300,000	50,000	50,000	50,000	675,000	50,000	50,000	1,225,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2019	500,000	500,000	0				
		2021	375,000	375,000	0				
		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.							
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date			
2013	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Chantelle Bernard		Ongoing`			



Project Version Summary

Project #	ITC-007-07	Service Area	Corporate Services
Budget Year	2024	Department	Information Technology
Asset Type	Unassigned	Division	Administration - Info. Tech.
Title	Corporate Intranet Redesign & Internet Accessibility Improvements		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

The growing demand for e-Government or digital services for residents, visitors and businesses, requires an ongoing investment to continually modernize our services and service delivery mechanisms.

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.

This is evident with the introduction of the MyWindsor Self Service online automation project that will provide citizens and businesses the ability, with their own secured single "MyWindsor" account, to (among other things);

- view their own information such as property tax;
- place a request for a product or service like applying for permits or licenses;
- completing online registrations;
- pay for these services

Expanding the demand for e-Government internally for employees to leverage digital services also requires an ongoing investment to modernize processes and access to information through on-demand service portals. This is delivered through the MyInfo Self Service online automation projects that will provide employees and supervisors access to information and actions to effectively support employees.

Version Description

The demand for public facing websites, internal web portals and web based technology to deliver e-Government services to Residents, visitors, businesses and employees in an effort to modernize our services and as a primary service channel is growing significantly. The funds requested in 2024 and beyond will be used to upgrade licenses to keep the technology current, expand MyWindsor and MyInfo programs or migrate to a new platform based on industry trends and Corporate needs. The continual deployment of changing technology is necessary to continue increasing the efficiency and productivity of Citizens and employees.

Project Comments/Reference

7075017

Version Comments

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5411	Construction Contracts-Non TCA	0	425,000	0	0	150,000	125,000	150,000	150,000	575,000	275,000	1,850,000
Total		0	425,000	0	0	150,000	125,000	150,000	150,000	575,000	275,000	1,850,000
Revenues												
169	Pay As You Go - Capital Reserve	0	0	0	0	75,000	75,000	100,000	100,000	500,000	100,000	950,000
221	Service Sustainability Investm	0	425,000	0	0	75,000	50,000	50,000	50,000	75,000	175,000	900,000
Total		0	425,000	0	0	150,000	125,000	150,000	150,000	575,000	275,000	1,850,000
Related Projects		Historical Approved Budget				Operating Budget Impact						
				Revenue		Effective Date Unknown		Exp/(Rev)		FTE Impact		
		Year	Total Expense	Net City Cost	Subsidies	Description		0		0		
		2007	25,000	25,000	0	No Operating Budget Impact						
		2008	100,000	100,000	0							
		2009	400,000	400,000	0							
		2010	500,000	500,000	0							
		2011	625,000	625,000	0							
		2019	850,000	850,000	0							
		2022	550,000	550,000	0							
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date						
2007	January 1, 2007	Growth: 0.0 % Maintenance: 0.0 %		Trevor Bennet		Ongoing`						



Project Version Summary

Project #	ITC-001-12	Service Area	Corporate Services
Budget Year	2024	Department	Information Technology
Asset Type	Unassigned	Division	Business Process Modernization
Title	Fire and Rescue Records Management and Computer Aided Dispatch System Initiatives		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
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, NextGen 911, 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.

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 improvement and modernization of the dispatch function and all related processes associated with it and requires its upgrade to meet the NextGen 911 requirements to be adopted throughout Ontario in 2025.

Version Description

WFRS requires the full functionality of a Fire RMS as well as modernized dispatch processes and associated technology. Due to the size of this project, the intent is to implement it in phases.

- Phase 1 was the deployment of the fire RMS and was implemented in two stages. Stage 1 focused on the needs of Personnel, Property, Incidents, Apparatus, Quarter Master, and Training. Stage 2 addresses the remaining modules of a fire RMS, including inspections. Please note: There was some urgency to act on implementing phase 1 in 2018, thus Council approved (#C126/2018) on July 23, 2018 which approved a pre-commitment of funding from 2021 in the amount of \$784,960 to be available for use beginning in 2018 inclusive of applicable financing costs. As of August 16, 2023, \$571,946 has been used within the project’s budget to fund Phase 1.

- Phase 2: To meet the looming 2025 NextGen 911 deadline, the CAD replacement project began in 2023. Costs for CAD/NG911 support, enhancements or unexpected technology expenses will be funded by this capital budget.

Project Comments/Reference	Version Comments
7183016	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5411 Construction Contracts-Non TCA	0	0	100,000	100,000	200,000	200,000	200,000	250,000	100,000	0	1,150,000
Total	0	0	100,000	100,000	200,000	200,000	200,000	250,000	100,000	0	1,150,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	100,000	100,000	200,000	200,000	200,000	250,000	100,000	0	1,150,000
Total	0	0	100,000	100,000	200,000	200,000	200,000	250,000	100,000	0	1,150,000

Related Projects	Historical Approved Budget	Operating Budget Impact								
Follows FRS-002-07	Revenue									
Project Title Fire & Rescue Computer-aided Dispatch System	<table border="1"> <tr> <td><u>Year</u></td> <td><u>Total Expense</u></td> <td><u>Net City Cost</u></td> <td><u>Subsidies</u></td> </tr> <tr> <td>2021</td> <td>800,000</td> <td>800,000</td> <td>0</td> </tr> </table>	<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	2021	800,000	800,000	0	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>							
2021	800,000	800,000	0							

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2012	January 1, 2021	Growth: 0.0 % Maintenance: 0.0 %	Trevor Bennet	2032+



Project Version Summary

Project #	ITC-001-09	Service Area	Corporate Services
Budget Year	2024	Department	Information Technology
Asset Type	Unassigned	Division	End User Management
Title	Corporate Facilities Content Access Improvements		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	Improve corporate communication and display notification features at locations that have employees without computer access and in meeting rooms where collaboration can significantly improve efficiency and service levels
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Version Description	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. Virtual meetings are now common but meeting rooms lack the technology for multiple physical participants. Disseminating and posting of paper based notifications is still time consuming and archaic. Putting in place the technology required for virtual meeting rooms and corporate content access is the focus of this project budget.
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Project Comments/Reference	7101007	Version Comments	
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Project Detailed Forecast												
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total	
Expenses												
5411 Construction Contracts-Non TCA	0	0	0	0	75,000	75,000	50,000	50,000	50,000	50,000	350,000	
Total	0	0	0	0	75,000	75,000	50,000	50,000	50,000	50,000	350,000	
Revenues												
169 Pay As You Go - Capital Reserve	0	0	0	0	75,000	75,000	50,000	50,000	50,000	50,000	350,000	
Total	0	0	0	0	75,000	75,000	50,000	50,000	50,000	50,000	350,000	

Related Projects	Historical Approved Budget				Operating Budget Impact		
			Revenue		Effective Date	Unknown	Exp/(Rev) FTE Impact
	Year	Total Expense	Net City Cost	Subsidies	Description	0	0
	2010	150,000	150,000	0	No Operating Budget Impact		
	2020	200,000	200,000	0			
2022	200,000	200,000	0				

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2009	January 1, 2010	Growth: 0.0 % Maintenance: 0.0 %	Chantelle Bernard	Ongoing`



Project Version Summary

Project #	ITC-001-19	Service Area	Corporate Services
Budget Year	2024	Department	Information Technology
Asset Type	Unassigned	Division	End User Management
Title	Funding for Microsoft Software		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

Desktop computers and most servers at the City of Windsor require a number of Microsoft licenses to deploy. Desktops run on Microsoft Windows and utilize the Microsoft Office suite of products. Most servers run Microsoft Windows for Servers and many databases are Microsoft SQL. Our email system utilizes Microsoft Exchange and our Web environment is built on the Microsoft SharePoint platform. The Microsoft Corporation licensing fees required to run these products are very expensive.

Previously Microsoft refreshed / updated their software with new versions every few years and discontinued support for older versions after 10 years. We currently budget for new software versions on a five-year cycle but in most cases have been able to extend their use beyond 5 years. In 2018 the City refreshed most of our Microsoft licenses, upgrading to the current version of software.

While implementing these perpetual Microsoft licences allowed us to function for several years, we have begun planning for the future of Microsoft products in our environment. This includes considering future deployment and support processes, as well as, the costing impact to the City.

Gartner, world's leading research and advisory company, advised that organizations budget to subscribe to Office 365 ProPlus (or an Office 365 bundle that includes it) by October 2020 or rebuy traditional licences every five years (or less, if available) if you have plans to use Exchange Online or SharePoint Online with traditional editions of Outlook and other Office client software.

This was the last time we were able to purchase perpetual Microsoft Office licenses, as Microsoft has changed their software licensing model to subscription-based licensing and moved a lot of their services into the cloud.

Microsoft plans on releasing updates to all its applications and operating systems on a 6-month basis with support diminished to 18 months from the time of release. Moving to a subscription-based model is costlier than deploying perpetual licences and utilizing those licences until they are no longer supported.

Currently, we have been financing the Microsoft licenses through a portion of the annual \$480 PC Maintenance and Support Reserve fees of \$40 / month. Each user account on our system requires Microsoft licensing. Almost all user accounts utilize a City desktop or laptop and a portion of this \$40 / month fee has covered the Microsoft licenses.

The Work Force Windsor project added approximately 1,500 new user accounts that are not directly associated with a City desktop or laptop and that are not part of the annual PC Maintenance and Support Reserve program which covers the cost of Microsoft licensing. The Work Force Windsor project start-up costs and the excess in the PC Maintenance and Support Reserve (by our past practise of extending software beyond five years) was able to cover the initial Microsoft licenses purchased in 2018.

With the increased cost of Microsoft licenses and the extra licenses needed for the new Work Force Windsor user accounts, the PC Maintenance and Support Reserve will be unable to fund the necessary Microsoft licensing after five years when the next license purchase is required. Computer software is critical to the operation of the City of Windsor, and in most cases licensing fees are unavoidable and expensive. Finance and IT have developed an IT Funding Model which takes into consideration how future costing requirements for Enterprise Applications and corporate software will be funded. A 3 year commitment approved by City Council in the 2022 operating budget is still contingent on approval of the increments for 2023 and 2024. As this project is part of that overall funding model, this project is still ongoing.

Version Description												
The pandemic and hybrid work from home have accelerated the move to MS365 and a funding model has been established to fund the annual fees through the PAYG reserve. The funds requested in 2026 and beyond will be transferred to the PAYG reserve to help preserve the health of the PAYG reserve fund and help fund the annual fees for MS365.												
Project Comments/Reference						Version Comments						
Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	0	0	600,000	600,000	900,000	900,000	900,000	200,000	0	0	4,100,000
Total		0	0	600,000	600,000	900,000	900,000	900,000	200,000	0	0	4,100,000
Revenues												
169	Pay As You Go - Capital Reserve	0	0	0	0	150,000	150,000	150,000	0	0	0	450,000
221	Service Sustainability Investm	0	0	600,000	600,000	750,000	750,000	750,000	200,000	0	0	3,650,000
Total		0	0	600,000	600,000	900,000	900,000	900,000	200,000	0	0	4,100,000
Related Projects			Historical Approved Budget				Operating Budget Impact					
							Effective Date	2026-01-01	Exp/(Rev)		FTE Impact	
							Description		1	0		
							Unless this ongoing, yearly funding is approved or a new funding model is developed to cover the future costs for Microsoft's new subscription based, cloud software licensing model, an extremely large increase to departmental pc maintenance fees will be required from all departments.					
Year Identified	Start Date	Project Type for 2024		Project Lead			Est. Completion Date					
2019	January 1, 2024	Growth: 0.0 % Maintenance: 0.0 %		Chantelle Bernard			Ongoing					



Project Version Summary

Project #	ITC-002-19	Service Area	Corporate Services
Budget Year	2024	Department	Information Technology
Asset Type	Unassigned	Division	Enterprise Systems
Title	Municipal Tax System		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

The AMANDA Enterprise System (AMANDA) is a corporate-wide application that the City of Windsor (City) uses to help manage and support several City services. In AMANDA, the Tax module is currently used by the Finance department to manage the issuance of property tax bills and the collection of revenue. As the main source of revenue for the City, approximately \$408M is collected through this system.

The software vendor, Granicus, has announced the end-of-life period for the current Tax module within AMANDA. Granicus made the decision to remove the Tax module from their list of software product offerings with immediate effect and with no application upgrades available to the existing version. Granicus has estimated that support for the existing version of the Tax module will end April 2023. Other modules in AMANDA such as Permitting, Licensing and Compliance, etc. will not be impacted.

The City has procured a new system to implement from Central Square to replace the current Tax module in AMANDA. It is critical that this new system be implemented prior to support ending with Granicus to ensure the timely and accurate billing of municipal property taxes along with collection of revenue. Given the impact to revenue, this presents a significant risk to the City as property tax revenue funds the majority of our City services.

The \$408M worth of yearly revenue collected through the AMANDA Tax Module includes property tax revenue and other tax revenue administered by the Finance department for the English Separate School Boards, English Public School Board, French Separate School Board, French Public School Board, Enwin Utilities and the Provincial Offenses Act Office.

Delivery of a new Tax System will occur in 3 major phases:

- Phase 1: Tax System Discovery and Procurement - Complete
- Phase 2: Implementation of a New Tax System – Initiated
- Phase 3: Deployment of a New Tax System - TBD

The estimated cost of this project of \$2.5M is based on the previous implementation of the AMANDA Tax module plus anticipated resource costs.

Version Description																													
Delivery of a new Tax System will occur in 3 major phases and will require capital funding for the software implementation costs, customization and data conversion costs, maintenance and support fees along with additional resources for the following:																													
Phase 1: Tax System Discovery and Procurement - Complete																													
The replacement of the Tax System is a critical project that must be completed because the current system will no longer be offered. This creates two significant enterprise risks to the City that technology might fail to meet our needs in the delivery of services and in the portrayal of the City regarding municipal tax billings. Failure to collect revenue could pose a critical financial risk to several other enterprise systems in the delivery of City services. The City has completed this phase of the project and procured a new tax system from Central Square to replace the AMANDA module.																													
Phase 2: Implementation of a New Tax System - Initiated																													
• Software, Licensing or Subscription Fees, Data Conversion, Customization, Tax Reports & Documentation, Testing, Human Resources, etc.																													
Phase 3: Deployment of a New Tax System																													
• Training, Human Resources, Deploy new Tax System, Provide Support After Go-Live																													
Future Expenses (2026)																													
• Upgrades, customizations, maintenance, etc.																													
Project Comments/Reference				Version Comments																									
7207000				COMMITMENTS: CR526/2021 C 132/2021: 2026 F221 \$530,000																									
Project Detailed Forecast																													
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total																	
Expenses																													
5126	Computer Software	0	0	530,000	0	0	0	0	0	0	0	530,000																	
Total		0	0	530,000	0	0	0	0	0	0	0	530,000																	
Revenues																													
221	Service Sustainability Investm	0	0	0	0	0	0	0	0	0	0	0																	
221CF	Committed Funding	0	0	530,000	0	0	0	0	0	0	0	530,000																	
Total		0	0	530,000	0	0	0	0	0	0	0	530,000																	
Related Projects			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>2020</td> <td>233,500</td> <td>233,500</td> <td>0</td> </tr> <tr> <td>2021</td> <td>1,795,500</td> <td>1,795,500</td> <td>0</td> </tr> <tr> <td>2023</td> <td>1,341,000</td> <td>1,341,000</td> <td>0</td> </tr> </tbody> </table>				Year	Total Expense	Revenue		Net City Cost	Subsidies	2020	233,500	233,500	0	2021	1,795,500	1,795,500	0	2023	1,341,000	1,341,000	0					
Year	Total Expense	Revenue																											
		Net City Cost	Subsidies																										
2020	233,500	233,500	0																										
2021	1,795,500	1,795,500	0																										
2023	1,341,000	1,341,000	0																										
Year Identified	Start Date	Project Type for 2024	Project Lead			Est. Completion Date																							

2019	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Josh Higgins	2026`
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Project Version Summary

Project #	ITC-008-07	Service Area	Corporate Services
Budget Year	2024	Department	Information Technology
Asset Type	Unassigned	Division	Enterprise Systems
Title	Corporate Enterprise Resource Planning (ERP) System		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

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. A sub-project is being initiated to formulate recommendations on the eventual replacement or upgrading of PeopleSoft Financials and HRMS. Rimini Street Inc. (Rimini) provides 3rd party support services to the City of Windsor (City) for both of these systems currently. In 2014 the City ended its support and maintenance agreement with Oracle and signed with Rimini. The Rimini support services are offered at a lower cost however they do not provide version upgrades to the applications. As the aging technology has not been upgraded since 2009 for PeopleSoft Financial and 2011 for PeopleSoft HRMS, it has been identified as a significant enterprise risk that technology could fail to meet our needs if not updated.

Version Description

In 2021, the City extended the support and maintenance agreement with Rimini until 2027 with the view towards a replacement of both PeopleSoft systems or a major upgrade to the existing applications. Risk indicators are showing incompatibility concerns with related technology such as Microsoft that is causing challenges with maintaining the applications.

2024+ – Reporting tools, enhancements to online services and in 2025 it will be 10 year’s that PeopleSoft (FIN/HRMS) has been supported by Rimini Street without a version upgrade. Research and planning must occur prior to this to ensure the sustainability of our financial and HR systems to determine the appropriate ERP roadmap for a version upgrade or software replacement. Additionally, the Workforce Management System will require system updates to remain current with the vendors support agreement. This will require upgrades to the current version and reconfiguration of business rules depending on collective bargaining changes and other related legislative changes (including Workforce Management (WFM) Contingency).

A significant enterprise risk exists in that technology could fail to meet our needs if the technology is not updated within the next 5 years. Each year the risk increases as the software ages and related technology changes. An ERP roadmap has been initiated in 2023 to identify costs and make recommendations on the replacement or upgrading of these systems. This information will have to be reviewed with the available funding to ensure both systems are maintained. At the end of the Rimini support agreement, it will be 18 years since the last PeopleSoft Financials upgrade and 16 years for PeopleSoft HRMS. Given the age of technology and incompatibility with Microsoft, it is critical that the City be actively moving to a new/upgraded system(s) or have completed the changeover.

Project Comments/Reference

7074018

Version Comments

A budget pressure on the available capital funding is the Oracle license agreement which authorizes the City to use the PeopleSoft applications. The PeopleSoft Financial system is licensed based on the value of the City's annual budget, and PeopleSoft HRMS is licensed based on the headcount of employees in the system. For PeopleSoft Financials, the City exceeded the threshold in the agreement in 2023 and had to purchase additional licenses to continue to use the application. It is anticipated that by 2025 the city will be required to purchase additional licenses again.

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5411	Construction Contracts-Non TCA	0	516,696	2,000,000	2,154,473	1,750,000	2,250,000	1,718,079	1,381,921	1,555,000	1,700,000	15,026,169
	Total	0	516,696	2,000,000	2,154,473	1,750,000	2,250,000	1,718,079	1,381,921	1,555,000	1,700,000	15,026,169
Revenues												
169	Pay As You Go - Capital Reserve	0	0	0	0	500,000	1,000,000	468,079	581,921	385,000	250,000	3,185,000
221	Service Sustainability Investm	0	516,696	2,000,000	2,154,473	1,250,000	1,250,000	1,250,000	800,000	1,170,000	1,450,000	11,841,169
	Total	0	516,696	2,000,000	2,154,473	1,750,000	2,250,000	1,718,079	1,381,921	1,555,000	1,700,000	15,026,169

Related Projects		Historical Approved Budget				Operating Budget Impact			
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2007	100,000	100,000	0			0	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				
		2019	475,000	475,000	0				
		2020	125,000	125,000	0				
		2021	250,000	250,000	0				
		2022	250,000	250,000	0				
		2023	250,000	250,000	0				

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2007	January 1, 2007	Growth: 0.0 % Maintenance: 0.0 %	Josh Higgins	Ongoing`



Project Version Summary

Project #	ITC-011-07	Service Area	Corporate Services
Budget Year	2024	Department	Information Technology
Asset Type	Unassigned	Division	Enterprise Systems
Title	AMANDA Information System Upgrades and Improvements		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

The AMANDA Enterprise System is a Corporate wide system used by many Departments including Licensing, Building, Fire, Public Works, Property Taxes 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 ten 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 AMANDA 7 upgrade was completed in 2022 to meet the vendor support requirements. This included a new security framework, upgrading the infrastructure, reviewing departmental business processes, the creation of job aids and employee training, and an analysis of other dependent corporate applications. Extensive testing of all modules and corporate wide training on the new platform was provided.

2024+ - Projects identified and prioritized through Amanda Governance Committee for enhancement and ongoing maintenance to the system. Several key initiatives have a dependency to integrate with AMANDA such as, CloudPermit, My Windsor and the new Municipal Property Tax Solution. It is anticipated that by at least 2025 that the AMANDA 7 version will need to be upgraded which will require project funding for the conversion, consulting services and enhancements to the application.

On-going – implementation of additional functionality to create efficiencies needed by the corporate users as submitted through the governance process.

Regular application maintenance is required under the license and support agreement that requires annual funding. If annual maintenance is not done to the application the City could incur significant costs for consulting and/or hardware purchases to sustain the application and risk critical technology failure to the AMANDA system that supports the operations for several City departments.

Project Comments/Reference

7075021

Version Comments

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5411 Construction Contracts-Non TCA	200,000	200,000	0	0	250,000	250,000	250,000	250,000	250,000	300,000	1,950,000
Total	200,000	200,000	0	0	250,000	250,000	250,000	250,000	250,000	300,000	1,950,000
Revenues											
221 Service Sustainability Investm	200,000	200,000	0	0	250,000	250,000	250,000	250,000	250,000	300,000	1,950,000
Total	200,000	200,000	0	0	250,000	250,000	250,000	250,000	250,000	300,000	1,950,000

Related Projects		Historical Approved Budget				Operating Budget Impact			
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2007	150,000	150,000	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				
		2015	100,000	100,000	0				
		2016	25,000	25,000	0				
		2018	200,000	200,000	0				
		2019	350,000	350,000	0				
		2020	200,000	200,000	0				
		2021	200,000	200,000	0				
		2022	300,000	300,000	0				
		2023	200,000	200,000	0				
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date			
2007	January 1, 2007	Growth: 0.0 % Maintenance: 100.0 %		Josh Higgins		Ongoing`			



Project Version Summary

Project #	ITC-001-22	Service Area	Corporate Services
Budget Year	2024	Department	Information Technology
Asset Type	Unassigned	Division	Technology Infrastructure
Title	Data & Insights		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

The purpose of this project is to implement the recommendations from the Information Builders, Inc. (IBI) report (Report) to Council. In 2019, the City of Windsor (City) hired IBI to find efficiencies that could be achieved through data analytics and information management. The following recommendations were made:

- Develop an integrated information management strategy to meet the City's strategic goals
- Implement a business intelligence and analytics architecture in phases as described in the report;
- Create a Business Intelligence Centre of Excellence (BI CoE) to support the successful implementation of the business intelligence and analytics architecture and the more effective use of data at all levels of the organization;
- Invest in the business process re-design and change management that is essential to the success of the overall plan.

Version Description

IBI provided cost estimates to implement their recommendations that included consulting services, one-time and on-going software/hardware costs, training, and positions to start the adoption phase of the project. With the development of the integrated information management strategy future capital requests will be brought forward to continue with the adoption phase

Project Comments/Reference

7221035

Version Comments

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5411	Construction Contracts-Non TCA	100,000	0	0	0	0	0	0	0	50,000	350,000	500,000
Total		100,000	0	0	0	0	0	0	0	50,000	350,000	500,000
Revenues												
169	Pay As You Go - Capital Reserve	25,000	0	0	0	0	0	0	0	50,000	50,000	125,000
221	Service Sustainability Investm	75,000	0	0	0	0	0	0	0	0	300,000	375,000
Total		100,000	0	0	0	0	0	0	0	50,000	350,000	500,000
Related Projects		Historical Approved Budget				Operating Budget Impact						
				Revenue								
		<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>							
		2022	300,000	300,000	0							
		2023	100,000	100,000	0							
Year Identified	Start Date	Project Type for 2024		Project Lead			Est. Completion Date					
2022	January 1, 2022	Growth: 25.0 % Maintenance: 75.0 %		Josh Higgins			Ongoing`					



Project Version Summary

Project #	ITC-002-07	Service Area	Corporate Services
Budget Year	2024	Department	Information Technology
Asset Type	Unassigned	Division	Technology Infrastructure
Title	Corporate Electronic Storage and Retrieval Systems Upgrades		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project 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.

Version Description

2024: Investigate new technologies and processes that will help us organize and more effectively manage our data on local storage and in the cloud. Research options to identify sensitive data and retention compliance tools.

2025+: Continue to expand storage to meet required growth both on-premise and in the cloud. Implement tools and/or solutions researched in 2024 to help organize data, identify sensitive data and meet retention requirements. Add security features to reduce data loss and improve privacy and security.

Project Comments/Reference	Version Comments
7069900	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5411	Construction Contracts-Non TCA	150,000	100,000	100,000	100,000	125,000	100,000	100,000	125,000	125,000	250,000	1,275,000
	Total	150,000	100,000	100,000	100,000	125,000	100,000	100,000	125,000	125,000	250,000	1,275,000
Revenues												
160	Capital Expenditure Reserve	150,000	100,000	100,000	50,000	0	0	0	0	0	0	400,000
169	Pay As You Go - Capital Reserve	0	0	0	0	50,000	50,000	50,000	75,000	75,000	75,000	375,000
221	Service Sustainability Investm	0	0	0	50,000	75,000	50,000	50,000	50,000	50,000	175,000	500,000
	Total	150,000	100,000	100,000	100,000	125,000	100,000	100,000	125,000	125,000	250,000	1,275,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				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				
		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				
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date				
2007	January 1, 2007	Growth: 60.0 % Maintenance: 40.0 %		Chantelle Bernard	Ongoing`				



Project Version Summary

Project #	ITC-003-07	Service Area	Corporate Services
Budget Year	2024	Department	Information Technology
Asset Type	Unassigned	Division	Technology Infrastructure
Title	Information Technology Network Infrastructure Improvements		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
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.

Version Description

Ongoing maintenance of existing systems and deployment of new technologies is critical to maintaining expected levels of service.

2024: Continue to expand Wi-Fi deployment. Expand the controllers and core equipment to support more WiFi Access Points. Management tools are now required for greater visibility, control and security of the 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). Increase connectivity in the network core with 10GB switching. Expand our Virtual server and upgrade our Virtual Desktop environment. Investigate and improve SDWAN solutions for remote sites.

2025+: 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) and SDWAN (remote sites) may require a large portion of these funds in later years if the PAYG reserve fund cannot adequately cover the replacement costs. Systematic upgrade and replacement of legacy systems to take advantage of new technology for improved performance and security.

Project Comments/Reference

7059903

Version Comments

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
2951	INTERNAL Service Salary Allocn	120,000	120,000	120,000	120,000	100,000	100,000	100,000	100,000	100,000	100,000	1,080,000
5411	Construction Contracts-Non TCA	80,000	80,000	80,000	80,000	100,000	100,000	100,000	170,000	150,000	150,000	1,090,000
Total		200,000	200,000	200,000	200,000	200,000	200,000	200,000	270,000	250,000	250,000	2,170,000
Revenues												
160	Capital Expenditure Reserve	80,000	80,000	80,000	80,000	0	0	0	0	0	0	320,000
169	Pay As You Go - Capital Reserve	0	0	0	0	100,000	100,000	100,000	170,000	150,000	150,000	770,000
221	Service Sustainability Investm	120,000	120,000	120,000	120,000	100,000	100,000	100,000	100,000	100,000	100,000	1,080,000
Total		200,000	200,000	200,000	200,000	200,000	200,000	200,000	270,000	250,000	250,000	2,170,000

Related Projects		Historical Approved Budget				Operating Budget Impact						
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE	Impact	
					Total Expense	Net City Cost						Subsidies
					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				
					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				
					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.							
2007	January 1, 2007	Growth: 40.0 % Maintenance: 60.0 %	Chantelle Bernard	Ongoing`								



Project Version Summary

Project #	ITC-005-07	Service Area	Corporate Services
Budget Year	2024	Department	Information Technology
Asset Type	Unassigned	Division	Technology Infrastructure
Title	Corporate Data & Network Security Initiatives		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
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: World-wide cyber-attacks against individuals, businesses and government organizations continue to grow. 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.

Version Description

Implementation of risk mitigation strategies as prioritized through the Security Framework Methodology will be conducted from 2020 through 2027 and beyond.

2024: Continue to remediate vulnerabilities identified in annual security audits, assessments and through our Managed Security Service Provider. Work with Managed Security Service Provider to improve Cyber Security Incident Response plans and develop a security risk register. Improve Information Privacy and Data loss through mobile media. Continue to strengthen remote access authentication to help mitigate a potential breach. Continue to provide security training for IT staff and awareness training for all staff around digital security. Increase network monitoring and visibility with state-of-the-art software and security services. Increase the amount of archival system event logging for better investigation and auditing. Continue to monitor threat landscape and develop remediation strategies for Cyber Security incidents.

2025+: Further fund improving cyber security around new and changing technologies, specifically cloud services and IoT (Internet of Things) deployment.

Project Comments/Reference

7059901

Version Comments

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5411	Construction Contracts-Non TCA	300,000	100,000	100,000	100,000	100,000	100,000	100,000	230,000	230,000	380,000	1,740,000
	Total	300,000	100,000	100,000	100,000	100,000	100,000	100,000	230,000	230,000	380,000	1,740,000
Revenues												
160	Capital Expenditure Reserve	0	0	0	0	0	0	0	0	0	0	0
169	Pay As You Go - Capital Reserve	150,000	50,000	50,000	50,000	50,000	50,000	50,000	180,000	180,000	180,000	990,000
221	Service Sustainability Investm	150,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	200,000	750,000
	Total	300,000	100,000	100,000	100,000	100,000	100,000	100,000	230,000	230,000	380,000	1,740,000

Related Projects		Historical Approved Budget				Operating Budget Impact			
		Revenue				Effective Date	Unknown	Exp/(Rev)	FTE Impact
Year	Total Expense	Net City Cost	Subsidies	Description			0	0	
2008	50,000	50,000	0	Not funding this project increases the probability of a security breach or embarrassment that could increase operational costs			0	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						
2018	100,000	100,000	0						
2019	319,000	319,000	0						
2020	329,000	329,000	0						
2021	176,000	176,000	0						
2022	300,000	300,000	0						
2023	300,000	300,000	0						

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2007	January 1, 2010	Growth: 50.0 % Maintenance: 50.0 %	Chantelle Bernard	Ongoing



Project Version Summary

Project #	ITC-006-07	Service Area	Corporate Services
Budget Year	2024	Department	Information Technology
Asset Type	Unassigned	Division	Technology Infrastructure
Title	Information Technology Disaster Recovery Initiatives		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project 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 or cloud location. This capital budget is used to reduce the risk of a data loss or service interruptions due to system failures, security breach or other disastrous event.

Version Description
 2024: Explore options with Windsor Police Service to utilize some of their upgraded Jefferson facility and/or options to recover to a cloud environment. Document and test disaster recovery plans on a regular cadence, adhering to SLA requirements.
 2025+: Continue to scale-out and improve as our environment grows as technical options for Disaster Recovery evolve over time. Continue to utilize cloud services for faster and more cost-effective recovery of critical systems in the event of system failures or a disastrous event.

Project Comments/Reference	Version Comments
7074016	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5411	Construction Contracts-Non TCA	75,000	100,000	100,000	100,000	150,000	150,000	150,000	300,000	300,000	400,000	1,825,000
	Total	75,000	100,000	100,000	100,000	150,000	150,000	150,000	300,000	300,000	400,000	1,825,000
Revenues												
160	Capital Expenditure Reserve	25,000	50,000	50,000	50,000	75,000	75,000	75,000	0	0	0	400,000
169	Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	200,000	200,000	200,000	600,000
221	Service Sustainability Investm	50,000	50,000	50,000	50,000	75,000	75,000	75,000	100,000	100,000	200,000	825,000
	Total	75,000	100,000	100,000	100,000	150,000	150,000	150,000	300,000	300,000	400,000	1,825,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2007	75,000	75,000	0				
		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				
		2018	150,000	150,000	0				
		2019	150,000	150,000	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				
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date			
2007	January 1, 2010	Growth: 33.3 % Maintenance: 66.7 %		Chantelle Bernard		Ongoing`			



Project Version Summary

Project #	ITC-012-07	Service Area	Corporate Services
Budget Year	2024	Department	Information Technology
Asset Type	Unassigned	Division	Technology Infrastructure
Title	Corporate Communications Technology		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project 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.

Version Description

2024: Upgrade older systems (Arenas and Community Centres). Continue deployment of Unified Communications technologies on the new platform for mobile workers. Engage with an external resource to assess our current telecommunication landscape and provide recommendations regarding moving forward with cloud communication services.

2025+: Systematic replacement of older systems taking advantage of our improved I.T. infrastructure to reduce telecom carrier costs and improve service and reliability. Continue with solution for mobile workers including video conferencing and implementing a new cloud communication service.

Project Comments/Reference	Version Comments
7032178	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	50,000	50,000	50,000	50,000	100,000	100,000	100,000	100,000	300,000	100,000	1,000,000
	Total	50,000	50,000	50,000	50,000	100,000	100,000	100,000	100,000	300,000	100,000	1,000,000
Revenues												
160	Capital Expenditure Reserve	0	0	0	0	0	0	0	0	0	0	0
169	Pay As You Go - Capital Reserve	0	0	0	0	50,000	50,000	50,000	50,000	250,000	0	450,000
221	Service Sustainability Investm	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	100,000	550,000
	Total	50,000	50,000	50,000	50,000	100,000	100,000	100,000	100,000	300,000	100,000	1,000,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2007	100,000	100,000	0				
		2008	100,000	100,000	0				
		2009	100,000	100,000	0				
		2010	250,000	250,000	0				
		2011	100,000	100,000	0				
		2012	100,000	100,000	0				
		2015	200,000	200,000	0				
		2016	200,000	200,000	0				
		2017	200,000	200,000	0				
		2018	200,000	200,000	0				
		2019	150,000	150,000	0				
		2020	200,000	200,000	0				
		2021	200,000	200,000	0				
		2022	300,000	300,000	0				
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date				
2007	January 1, 2010	Growth: 0.0 % Maintenance: 100.0 %		Chantelle Bernard	Ongoing`				



Project Version Summary

Project #	LGL-001-20	Service Area	Corporate Services
Budget Year	2024	Department	POA, Purchasing, Risk Management
Asset Type	Unassigned	Division	POA, Purchasing & Risk Management
Title	Provincial Offences Division Renovations 350 City Hall		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	Ward 3		
Version Name	Main (Active)		

Project Description

The Provincial Offences Division requires renovations to 350 City Hall should Council decide they are to operate there. Since the Westcourt Building Fire in November 2019, POA was forced to relocate operations to 350 in order to provide a service level to the public. However, renovations to 350 are needed for POA to maintain service levels on a permanent basis.

Version Description

\$3,734,000 is the Base Cost for the detailed design and construction of the building renovations at the 350 / 400 City Hall Square Campus to accommodate the Permanent Relocation of the Provincial Offences Program

Base Cost, inclusive of financing costs, will be recovered over the next approximate 12 years through the transfer of annual operational funding in the amount of at least \$316,000 from POA's lease budget which is no longer required for the Westcourt location.

Opened per Sept. 28 In-Camera Report CR483/2020.

Project Comments/Reference	Version Comments
7209011	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	316,000	316,000	316,000	316,000	316,000	316,000	316,000	316,000	258,000	0	2,786,000
	Total	316,000	316,000	316,000	316,000	316,000	316,000	316,000	316,000	258,000	0	2,786,000
Revenues												
7055	TRANSFER From Current Funds	316,000	316,000	316,000	316,000	316,000	316,000	316,000	316,000	258,000	0	2,786,000
	Total	316,000	316,000	316,000	316,000	316,000	316,000	316,000	316,000	258,000	0	2,786,000

Related Projects		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>2021</td> <td>316,000</td> <td>0</td> <td>316,000</td> </tr> <tr> <td>2022</td> <td>316,000</td> <td>0</td> <td>316,000</td> </tr> <tr> <td>2023</td> <td>316,000</td> <td>0</td> <td>316,000</td> </tr> </tbody> </table>		Year	Total Expense	Revenue		Net City Cost	Subsidies	2021	316,000	0	316,000	2022	316,000	0	316,000	2023	316,000	0	316,000	
Year	Total Expense	Revenue																					
		Net City Cost	Subsidies																				
2021	316,000	0	316,000																				
2022	316,000	0	316,000																				
2023	316,000	0	316,000																				
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date																			
2020		Growth: 100.0 % Maintenance: 0.0 %	TBD	2032																			



2024 Recommended Capital Budget

Office of the Commissioner of Economic Development



Project Version Summary

Project #	MAY-001-19	Service Area	Economic Development
Budget Year	2024	Department	Economic Development & Climate Change
Asset Type	Unassigned	Division	Economic Development Office
Title	Windsor Works		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Community & Economic Development		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	This project will provide funding for various economic development investments throughout the City.										
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Version Description											
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Project Comments/Reference	7202006			Version Comments							
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Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
2915 Consulting Services - External	0	0	0	0	0	0	3,000,000	3,529,791	0	0	6,529,791
Total	0	0	0	0	0	0	3,000,000	3,529,791	0	0	6,529,791
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	3,000,000	3,529,791	0	0	6,529,791
Total	0	0	0	0	0	0	3,000,000	3,529,791	0	0	6,529,791

Related Projects	Historical Approved Budget				Operating Budget Impact			
			Revenue					
	<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>				
	2020	500,000	500,000	0				
	2021	500,000	500,000	0				
	2022	1,000,000	1,000,000	0				
2023	1,000,000	1,000,000	0					

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
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2019	January 1, 2020	Growth: 0.0 % Maintenance: 0.0 %	Joe Mancina	TBD`
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Project Version Summary

Project #	PBG-001-14	Service Area	Economic Development
Budget Year	2024	Department	Planning & Development Services
Asset Type	Unassigned	Division	Administration - Planning
Title	Alley Closing Subsidy Pilot Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	B26/2019 - C 39/2019 - 2021 Capital Budget includes \$40,000 starting in 2022 for Regular Alley Closing Program
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Version Description	
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Project Comments/Reference	7145002	Version Comments	
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Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	40,000	40,000	40,000	40,000	40,000	40,000	40,000	0	0	0	280,000
Total	40,000	40,000	40,000	40,000	40,000	40,000	40,000	0	0	0	280,000
Revenues											
169 Pay As You Go - Capital Reserve	40,000	40,000	40,000	40,000	40,000	40,000	40,000	0	0	0	280,000
Total	40,000	40,000	40,000	40,000	40,000	40,000	40,000	0	0	0	280,000

Related Projects	Historical Approved Budget				Operating Budget Impact			
		Revenue						
	Year	Total Expense	Net City Cost	Subsidies				
	2018	790,000	790,000	0				
	2022	40,000	40,000	0				
	2023	40,000	40,000	0				

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
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2014	January 2, 2014	Growth: 100.0 % Maintenance: 0.0 %	Neil Robertson	Ongoing`
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Project Version Summary

Project #	PBG-001-24	Service Area	Economic Development
Budget Year	2024	Department	Planning & Development Services
Asset Type	Unassigned	Division	Administration - Planning
Title	Community Improvement Plan (CIP) Review		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Community & Economic Development		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	Funding will be required to hire a consultant to review existing Community Improvement Plans (CIPs) and provide recommendations related to their effectiveness and identify opportunities for amendments.
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Version Description	CIPs contain non-statutory requirements for review (typically every 5 years).
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Project Comments/Reference	Version Comments

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
2950	Other Prof Services- External	2,570	27,000	120,430	0	0	0	0	0	0	0	150,000
	Total	2,570	27,000	120,430	0	0	0	0	0	0	0	150,000
Revenues												
169	Pay As You Go - Capital Reserve	2,570	27,000	120,430	0	0	0	0	0	0	0	150,000
	Total	2,570	27,000	120,430	0	0	0	0	0	0	0	150,000

Related Projects	Historical Approved Budget	Operating Budget Impact

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2024	January 1, 2024	Growth: 100.0 % Maintenance: 0.0 %	Neil Robertson	TBD`



Project Version Summary

Project #	PBG-003-24	Service Area	Economic Development
Budget Year	2024	Department	Planning & Development Services
Asset Type	Unassigned	Division	Administration - Planning
Title	Heritage Review- Bill 23		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Community & Economic Development		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

Bill 23, More Homes Built Faster Act received Royal Assent on November 28, 2022. Bill 23 made a significant change to the Ontario Heritage Act requires that properties 'listed' on a Municipal Heritage Register be removed from the Register if Council does not issue a notice of intention to designate the property by January 1, 2025. Once removed, the property cannot be 'listed' again on the Register for a period of five years.

There are currently 884 properties on the Council-approved Register. This classification identifies properties that Council believes to be of cultural heritage value or interest, and may have the potential to be 'designated' by City Council. The result of inaction is the potential loss of the heritage protection provided by the Register to more than 800 heritage-listed properties and the more significant risk of the potential demolition and irreversible loss of Windsor's heritage resources that would be a detriment to current and future generations.

This funding request is for more resources in the form of additional staff and consultant support to allow for a more thorough review of the 884 properties on the Register, and to implement more of the seven strategies adopted by Council (Council Report: S 88/2023) on September 5, 2023 to ensure that the necessary heritage designations are in place for the properties that should be protected.

Version Description

Project Comments/Reference

Version Comments

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
2950 Other Prof Services- External	0	0	200,000	0	0	0	0	0	0	0	200,000
Total	0	0	200,000	0	0	0	0	0	0	0	200,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	200,000	0	0	0	0	0	0	0	200,000
Total	0	0	200,000	0	0	0	0	0	0	0	200,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2024		Growth: 0.0 % Maintenance: 0.0 %	TBD	TBD`



Project Version Summary

Project #	PBG-001-18	Service Area	Economic Development
Budget Year	2024	Department	Planning & Development Services
Asset Type	Unassigned	Division	Policy & Design
Title	Official Plan Review		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Community & Economic Development		
Wards	City Wide		
Version Name	Main (Active)		

Project 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.

As part of this process, the OP will be reviewed through a climate change lens and climate change adaptation and mitigation considerations will be included.

Version Description

The Official Plan Review is a mandatory review that is conducted every 5 years. The next review is slated for 2027 and 2032.

Project Comments/Reference	Version Comments

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
2950 Other Prof Services-External	0	0	625,000	0	0	0	300,000	200,000	0	250,000	1,375,000
Total	0	0	625,000	0	0	0	300,000	200,000	0	250,000	1,375,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	325,000	0	0	0	300,000	200,000	0	250,000	1,075,000
169CF Committed Funding	0	0	300,000	0	0	0	0	0	0	0	300,000
Total	0	0	625,000	0	0	0	300,000	200,000	0	250,000	1,375,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2018	January 1, 2024	Growth: 0.0 % Maintenance: 0.0 %	Michael Cooke	2024+



Project Version Summary

Project #	PBG-002-18	Service Area	Economic Development
Budget Year	2024	Department	Planning & Development Services
Asset Type	Unassigned	Division	Policy & Design
Title	Comprehensive Zoning B-Law		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Community & Economic Development		
Wards	City Wide		
Version Name	Main (Active)		

Project 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.

As part of this process, the zoning by-law will be reviewed through a climate change lens and climate change adaptation and mitigation considerations will be included.

Version Description

Comprehensive Zoning By-Law

Project Comments/Reference	Version Comments
7092002	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
2950	Other Prof Services- External	0	0	0	0	0	350,000	100,000	0	0	0	450,000
	Total	0	0	0	0	0	350,000	100,000	0	0	0	450,000
Revenues												
169	Pay As You Go - Capital Reserve	0	0	0	0	0	350,000	100,000	0	0	0	450,000
	Total	0	0	0	0	0	350,000	100,000	0	0	0	450,000

Related Projects		Historical Approved Budget			Operating Budget Impact	
			Revenue			
		<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	
		2022	250,000	250,000	0	
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date	
2018	January 1, 2022	Growth: 0.0 % Maintenance: 0.0 %		Neil Robertson	Ongoing`	



Project Version Summary

Project #	PLN-007-07	Service Area	Economic Development
Budget Year	2024	Department	Planning & Development Services
Asset Type	Unassigned	Division	Policy & Design
Title	Growth Management Plan Review and Implementation		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Community & Economic Development		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
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. 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

Version Description

Project Comments/Reference	Version Comments
7191013	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	0	0	0	0	100,000	0	200,000	0	0	300,000
Total	0	0	0	0	0	100,000	0	200,000	0	0	300,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	0	0	100,000	0	200,000	0	0	300,000
Total	0	0	0	0	0	100,000	0	200,000	0	0	300,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies	Description		0	0
		2019	100,000	100,000	0	No Operating Budget Impact			
Year Identified	Start Date	Project Type for 2024		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	Economic Development
Budget Year	2024	Department	Planning & Development Services
Asset Type	Unassigned	Division	Policy & Design
Title	Natural Areas Valuation Study		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Community & Economic Development		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	As part of implementing the Green Windsor strategy of the Environmental Master Plan and Official Plan, an inter-departmental team will commission a report to complete a valuation of the City of Windsor’s public and private natural areas. This valuation is an important step to further natural areas asset management. Our trees and natural areas provide environmental services such as carbon sequestration, flood attenuation, biodiversity enhancements and recreational opportunities. These services can now be valued financially to show their immense benefit. This project will advocate for the protection, enhancement and increased connectivity of our Natural Heritage System.
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Version Description	
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Project Comments/Reference	Version Comments
7191014	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	0	100,000	0	0	0	0	0	0	0	100,000
Total	0	0	100,000	0	0	0	0	0	0	0	100,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	100,000	0	0	0	0	0	0	0	100,000
Total	0	0	100,000	0	0	0	0	0	0	0	100,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2019	80,000	80,000	0			0	0
					No Operating Budget Impact				
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date				
2007	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Michael Cooke	TBD`				



Project Version Summary

Project #	PLN-010-07	Service Area	Economic Development
Budget Year	2024	Department	Planning & Development Services
Asset Type	Unassigned	Division	Policy & Design
Title	Heritage Preservation Study and Identification of Incentives		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Community & Economic Development		
Wards	City Wide		
Version Name	Main (Active)		

Project 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.

Version Description
 The Walkerville area contains approximately 37% of all properties on the Windsor Municipal Heritage Register. City Council has approved in principle the commencement of the Walkerville heritage study.

Project Comments/Reference	Version Comments
7141014	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
2950 Other Prof Services-External	0	0	0	0	0	0	0	159,000	0	0	159,000
Total	0	0	0	0	0	0	0	159,000	0	0	159,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	159,000	0	0	159,000
Total	0	0	0	0	0	0	0	159,000	0	0	159,000

Related Projects	Historical Approved Budget				Operating Budget Impact			
			Revenue		Effective Date Unknown		Exp/(Rev) FTE Impact	
	<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Description		0	0
	2014	50,000	0	50,000	No Operating Budget Impact			
	2021	435,000	435,000	0				

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
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2007	January 1, 2021	Growth: 0.0 % Maintenance: 0.0 %	Michael Cooke	TBD`
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Project Version Summary

Project #	ECB-042-18	Service Area	Economic Development
Budget Year	2024	Department	Planning & Development Services
Asset Type	Unassigned	Division	Urban Design
Title	Theme Districting		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Community & Economic Development		
Wards	City Wide		
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

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 were 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

7186001- Theme Districting
7211016- Hiram Walker Parkette

Version Comments

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	0	0	0	0	0	0	0	2,130,000	0	2,130,000
Total	0	0	0	0	0	0	0	0	2,130,000	0	2,130,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	2,130,000	0	2,130,000
Total	0	0	0	0	0	0	0	0	2,130,000	0	2,130,000

Related Projects		Historical Approved Budget			Operating Budget Impact
			Revenue		
		Year	Total Expense	Net City Cost	Subsidies
		2019	175,000	175,000	0
		2020	234,000	234,000	0
		2021	946,000	946,000	0
		2022	300,000	300,000	0
		2023	3,595,000	3,595,000	0
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date	
2018	March 1, 2018	Growth: 0.0 % Maintenance: 0.0 %	Neil Robertson	TBD`	



Project Version Summary

Project #	PBG-001-21	Service Area	Economic Development
Budget Year	2024	Department	Planning & Development Services
Asset Type	Unassigned	Division	Urban Design
Title	Affordable Housing Community Improvement Plan Incentives		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Community & Economic Development		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
 This funding is for the financial incentive programs that will be developed as part of the Affordable Housing CIP.

Version Description
 On August 24, 2020, Council directed staff to begin the process for the creation of an Affordable Housing Community Improvement Plan (CR425/2020 DHSC 179). The Affordable Housing Community Improvement Plan (CIP) was directed in response to a Council Question and was not part of the departmental work plan. The creation of the CIP will be funded from an existing fund for development of such plans.
 Based on high-level estimates, this will cost approximately a total of \$900,000. This amount is based on an average of \$3,000 per unit in incentives with a target of 300 units over 10 years. Implementation will be undertaken on a priority basis as funding and resources allow.

Project Comments/Reference	Version Comments

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	0	0	0	0	250,000	0	0	150,000	47,000	447,000
Total	0	0	0	0	0	250,000	0	0	150,000	47,000	447,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	0	0	250,000	0	0	150,000	47,000	447,000
Total	0	0	0	0	0	250,000	0	0	150,000	47,000	447,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2021		Growth: 0.0 % Maintenance: 0.0 %	Neil Robertson	TBD`



Project Version Summary

Project #	PBG-002-21	Service Area	Economic Development
Budget Year	2024	Department	Planning & Development Services
Asset Type	Unassigned	Division	Urban Design
Title	University Avenue West/Wyandotte St West CIP Incentives		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Community & Economic Development		
Wards	Ward 2, Ward 3		
Version Name	Main (Active)		

Project Description

On November 18, 2019, Council directed staff to begin the process for the creation of a Community Improvement Plan (CIP) for the University Ave./Wyandotte St W. corridors (CR561/2019). The University Ave./Wyandotte St W. Community Improvement Plan (CIP) was directed in response to a Council Question and was not part of the departmental work plan. The creation the CIP will be funded from an existing fund for development of such plans.

Version Description

This funding request is for the financial incentive programs that will be developed as part of the CIP. Based on high-level estimates, this will cost approximately a total of \$550,000. This amount is based on an average of \$50,000 for medium size development project (7 projects) + \$60,000 for facades (10 @\$20,000). Implementation will be undertaken on a priority basis as funding and resources allow.

Project Comments/Reference	Version Comments

Project Detailed Forecast												
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total	
Expenses												
5410 Construction Contracts - TCA	0	0	0	0	0	100,000	0	0	150,000	50,000	300,000	
Total	0	0	0	0	0	100,000	0	0	150,000	50,000	300,000	
Revenues												
169 Pay As You Go - Capital Reserve	0	0	0	0	0	100,000	0	0	150,000	50,000	300,000	
Total	0	0	0	0	0	100,000	0	0	150,000	50,000	300,000	

Related Projects	Historical Approved Budget	Operating Budget Impact

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date

2021		Growth: 0.0 % Maintenance: 0.0 %	Neil Robertson	TBD`
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Project Version Summary

Project #	PBG-003-21	Service Area	Economic Development
Budget Year	2024	Department	Planning & Development Services
Asset Type	Unassigned	Division	Urban Design
Title	Ford City CIP		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Community & Economic Development		
Wards	Ward 5		
Version Name	Main (Active)		

Project Description	Provides funding for the Ford City District CIP incentive programs.
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Version Description	<p>Since 2019, Council has approved eight (8) applications for financial incentives in Ford City. There are currently six (6) pending grant applications that will draw from the current balance of \$148,305.</p> <p>This funding request is to replenish the existing financial incentive programs that are offered by the CIP.</p> <p>The Ford City Community Improvement Plan was approved in 2018 (CR625/2018), at which time Council transferred \$250,000 from the Brownfield Redevelopment Strategy and CIP account for the purposes of providing initial funding for the Ford City CIP financial incentive programs.</p>
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Project Comments/Reference	Version Comments
7181046	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	0	0	0	0	0	100,000	0	0	50,000	49,000	199,000
	Total	0	0	0	0	0	100,000	0	0	50,000	49,000	199,000
Revenues												
169	Pay As You Go - Capital Reserve	0	0	0	0	0	100,000	0	0	50,000	49,000	199,000
	Total	0	0	0	0	0	100,000	0	0	50,000	49,000	199,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2021		Growth: 0.0 % Maintenance: 0.0 %	Neil Robertson	TBD`



Project Version Summary

Project #	PBG-004-21	Service Area	Economic Development
Budget Year	2024	Department	Planning & Development Services
Asset Type	Unassigned	Division	Urban Design
Title	Sandwich Community Development Plan		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Community & Economic Development		
Wards	Ward 2		
Version Name	Main (Active)		

Project Description

The Sandwich CIP was adopted by City Council on January 26, 2009 with the financial incentive programs being made available on June 17, 2013. Since then, fifteen (15) Economic Incentive Applications have been approved by City Council, with nine of these coming since 2019.

Additional, Council directed an update for the Sandwich CIP as a result of the CQ28-2018 response (CR504/2019). Two things were highlighted in that report: 1) that there will likely be additional financial incentive programs developed; and, 2) that based on the most recent trend in new applications, it is likely the Planning Department will need to request additional funds as part of subsequent budgets.

Version Description

This funding request is to replenish the existing financial incentive programs that are offered by the CIP.

Project Comments/Reference	Version Comments
7076176	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	0	0	0	0	0	100,000	0	0	100,000	48,000	248,000
	Total	0	0	0	0	0	100,000	0	0	100,000	48,000	248,000
Revenues												
169	Pay As You Go - Capital Reserve	0	0	0	0	0	100,000	0	0	100,000	48,000	248,000
	Total	0	0	0	0	0	100,000	0	0	100,000	48,000	248,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2021		Growth: 0.0 % Maintenance: 0.0 %	Neil Robertson	TBD`



Project Version Summary

Project #	PLN-001-23	Service Area	Economic Development
Budget Year	2024	Department	Planning & Development Services
Asset Type	Unassigned	Division	Urban Design
Title	Building Façade and Main St. CIP		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Community & Economic Development		
Wards	Ward 4, Ward 5, Ward 6, Ward 8		
Version Name	Main (Active)		

Project Description	Council adopted the Building Facade and Main Street (CIP) in July 2019 and started using Reserve fund 156 to keep track of their funding and grants paid out under the program . The CIP helped ensure that standards are current to guide future growth and development. The CIP also includes financial incentive programs that are funded by this account, along with the implementation of other recommendations made in the plan. On February 22, 2021 a capital project was created to replace the function of Fund 156.
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Version Description	
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Project Comments/Reference	Version Comments
7219018	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	0	0	0	0	0	0	0	100,000	48,000	148,000
Total	0	0	0	0	0	0	0	0	100,000	48,000	148,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	100,000	48,000	148,000
Total	0	0	0	0	0	0	0	0	100,000	48,000	148,000

Related Projects	Historical Approved Budget	Operating Budget Impact

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2023		Growth: 0.0 % Maintenance: 0.0 %	Neil Robertson	TBD`



Project Version Summary

Project #	PLN-005-07	Service Area	Economic Development
Budget Year	2024	Department	Planning & Development Services
Asset Type	Unassigned	Division	Urban Design
Title	Planning & Building E-Plan & E-Permit Review and Implementation		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project 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.

Version Description

In 2018, City Council approved a contract with Evolta Canada Inc. for implementation of an e-permitting solution to coincide with the opening of the “One Stop” Service desk in the new City Hall. Implementation commenced in August 2018 to handle Site Plan Control applications and Building Permit applications, the two largest volume activity areas to benefit from the software solution. Then Planning and Building will gradually implement other types of applications received by the Department that are value added over the interim.

A comprehensive solution is being delivered 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. A pre-commitment against the funds for years 2019 to 2020 was approved.

Project Comments/Reference

7171028

Version Comments

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	28,140	0	0	0	0	0	0	0	0	0	28,140
Total	28,140	0	0	0	0	0	0	0	0	0	28,140
Revenues											
169 Pay As You Go - Capital Reserve	28,140	0	0	0	0	0	0	0	0	0	28,140
Total	28,140	0	0	0	0	0	0	0	0	0	28,140

Related Projects		Historical Approved Budget			Operating Budget Impact
			Revenue		
		Year	Total Expense	Net City Cost	Subsidies
		2017	88,000	88,000	0
		2018	210,000	210,000	0
		2019	323,000	323,000	0
		2020	1,717,000	1,717,000	0
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date	
2007	January 1, 2017	Growth: 100.0 % Maintenance: 0.0 %	John Revell/Neil Robertson	TBD`	



Project Version Summary

Project #	PLN-011-07	Service Area	Economic Development
Budget Year	2024	Department	Planning & Development Services
Asset Type	Unassigned	Division	Urban Design
Title	City-wide Brownfields Redevelopment		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Community & Economic Development		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

In April 2010, Council adopted a Brownfield Redevelopment Strategy and a city-wide Brownfield Redevelopment Community Improvement Plan (CIP). The Strategy documents the rationale for Brownfield redevelopment and provides details of the incentive programs and marketing strategy. The primary purpose of the CIP is to allow the municipality to provide a range of financial incentives for Brownfield redevelopment. Much of the current budget surplus is designated for future incentives to property owners/developers.

Version Description

Project Comments/Reference	Version Comments
7069003	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
2950 Other Prof Services-External	0	0	0	0	0	0	0	0	70,000	49,000	119,000
Total	0	0	0	0	0	0	0	0	70,000	49,000	119,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	70,000	49,000	119,000
Total	0	0	0	0	0	0	0	0	70,000	49,000	119,000

Related Projects	Historical Approved Budget				Operating Budget Impact
	Year	Total Expense	Revenue		
			Net City Cost	Subsidies	
	2007	108,000	108,000	0	
	2008	80,000	80,000	0	
	2009	250,000	250,000	0	
	2010	250,000	250,000	0	
	2011	250,000	250,000	0	
	2012	250,000	250,000	0	

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2007	April 1, 2011	Growth: 0.0 % Maintenance: 0.0 %	Michael Cooke	Ongoing`



Project Version Summary

Project #	PLN-012-07	Service Area	Economic Development
Budget Year	2024	Department	Planning & Development Services
Asset Type	Unassigned	Division	Urban Design
Title	City Centre Community Development Plan		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Community & Economic Development		
Wards	Ward 3		
Version Name	Main (Active)		

Project Description

The program's aim is to maximize a positive investment climate for diverse land uses downtown. The 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.

Version Description

On October 16, 2017, Council adopted the Downtown Windsor Enhancement Strategy and Community Improvement Plan (Downtown CIP). The financial incentives included in the CIP have been available for 3 years come November 14, 2020. There have been twenty (20) financial incentive applications approved under the CIP, with 17 of them accessing the original \$724,000 that was budgeted or transferred in from council approved sources and made available to fund the incentive programs. Three additional applications took advantage of the tax increment funding program exclusively.

Additionally, Council approved a new program offered under the Downtown CIP on July 13, 2020 (CR346/2020 DHSC 170). The new program will be modelled after the residential grant program included in the Ford City CIP.

This current funding request is to replenish the existing financial incentive programs offered by the CIP.

Further future funding requests may be tabled as well as a program continuation review should the existing balance dwindle.

Project Comments/Reference	Version Comments
7011022	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	0	0	500,000	0	0	415,000	250,000	0	0	49,000	1,214,000
	Total	0	0	500,000	0	0	415,000	250,000	0	0	49,000	1,214,000
Revenues												
169	Pay As You Go - Capital Reserve	0	0	0	0	0	415,000	250,000	0	0	49,000	714,000
221	Service Sustainability Investm	0	0	500,000	0	0	0	0	0	0	0	500,000
	Total	0	0	500,000	0	0	415,000	250,000	0	0	49,000	1,214,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2009	280,000	280,000	0				
		2010	200,000	200,000	0				
					No Operating Budget Impact				
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date				
2007	January 1, 2024	Growth: 0.0 % Maintenance: 0.0 %		Neil Robertson	TBD`				



Project Version Summary

Project #	PLN-018-07	Service Area	Economic Development
Budget Year	2024	Department	Planning & Development Services
Asset Type	Unassigned	Division	Urban Design
Title	Neighbourhood Studies and Design Guidelines		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Community & Economic Development		
Wards	City Wide		
Version Name	Main (Active)		

Project 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 and to address some of the more pressing planning/development related challenges facing Windsor. Past funding has been used to complete the production of Riverside Drive Vista Improvement Streetscape guidelines per CR364/2009 and the Ford City Community Improvement Plan. Complementary to the Site Plan Review Manual, the preparation of development guidelines for different areas of the City began in 2015.

Version Description

Current and future funds will be used for the following projects:

- 1) Business Improvement Areas Community Improvement Plan;
- 2) The University Ave/Wyandotte St W. Community Improvement Plan;
- 3) Prepare Design Guidelines for Infill Development;
- 4) Comprehensive Sign Bylaw Review;
- 5) Prepare Community Improvement Plans for targeted neighbourhoods;
- 6) Develop & adopt Design Guidelines & Standards for Civic Ways & Theme Streets;
- 7) Develop City of Windsor Urban Design Manual; and
- 8) Prepare targeted area Design Guidelines.

Additional funding is being requested to ensure that the fund has enough to address the unanticipated planning studies/projects that often come about as new issues and challenges arise. The Affordable Housing and University Ave/Wyandotte St W. CIPs are a couple of examples that Council has prioritized in the past couple of years. This fund is the funding source for the development of the CIPs.

Project Comments/Reference

7045003

Version Comments

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
2950 Other Prof Services- External	0	0	0	0	0	0	0	250,000	0	0	250,000
Total	0	0	0	0	0	0	0	250,000	0	0	250,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	250,000	0	0	250,000
Total	0	0	0	0	0	0	0	250,000	0	0	250,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2007	85,000	85,000	0				
		2014	130,000	130,000	0				
		2019	100,000	100,000	0				
		2020	100,000	100,000	0				
		2021	25,000	25,000	0				
					No Operating budget Impact				
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date				
2007	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Neil Robertson	TBD`				



Project Version Summary

Project #	TRN-001-22	Service Area	Economic Development
Budget Year	2024	Department	Transit Windsor
Asset Type	Unassigned	Division	Administration - Transit Windsor
Title	Transit Windsor Garage		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

This project is intended to facilitate the implementation of More Than Transit, Transit Windsor's master plan. The current Transit Windsor garage, constructed in the 1970s, is at 120% of its design capacity, and will not accommodate further system growth or fleet expansion

Version Description

In light of current operations and in consideration of the recommendations stemming from the recently approved Transit Windsor Master Plan and the changes it proposes, a number of worthwhile Transit support projects were brought forward to City Council for review and approval at their November 28, 2022 meeting. Administration identified, that these support projects could be funded from existing Transit capital budget allocations within the 10 year plan, and they were therefore, with Council's approval, included in the final intake for funding under the ICIP grant. Many of these projects were also identified as requirements as part of the Transit Master Plan recommendations, and they will therefore help move the plan forward.

It is anticipated that the list of projects identified in the report to Council at the meeting held on November 28th, 2022, will provide enhancements to transit operations and services by replacing equipment and hybrid buses at the end of their useful life. These projects include process equipment replacement, existing building upgrades, terminal upgrades, bus stop and shelter improvements, automated fare collection and annual hybrid bus replacements. Benefits from these projects include reduced maintenance and repair costs, potential fuel savings, lower emissions, improved efficiency through automated fare collection, and improved rider experience through bus stop/shelter and terminal upgrades.

The estimated capital cost for the Transit Support Projects was identified as \$99.62M. City Council approved, as per the ICIP Grant requirements, that if the ICIP Grant Application for the Transit Support Projects is successful, the funding to a maximum of \$28,996,630, as follows:

- i. A PRE-COMMITMENT in the Transit Windsor Fleet Replacement Program (TRN-001-07) of 2025 and 2026 funding of \$1,167,896 and \$3,952,638, respectively.
- ii. A PRE-COMMITMENT in the Transit Windsor Garage capital project (TRN-001-22) of 2023, 2024, and 2025 funding of \$4,073,574, \$5,701,947, and \$1,024,479, respectively.
- iii. PLACEHOLDER funding in the Transit Windsor Fleet Replacement Program (TRN-001-07) of 2027 and 2028 funding of \$6,458,059 and \$5,200,000, respectively, and that these funds be automatically PRE-COMMITTED and available for immediate use as funding falls within the five-year funding window.
- iv. PLACEHOLDER funding in the Transit Windsor Garage capital project (TRN-001-22) of 2028 and 2029 funding of \$1,000,000 and \$418,037 respectively, and that these funds be automatically PRE-COMMITTED and available for immediate use as funding falls within the five-year funding window.

As of September 11, 2023, the City has received approval for six out of the nine ICIP applications submitted. The City is still awaiting the review and approval of three of the ICIP projects submitted in December, 2022. Funding in year 2030 + of the Capital Budget for this project, has not been identified as a placeholder for any ICIP projects at this time, and can therefore be used for other projects.

Project Comments/Reference

Additional funding for ICIP project applications submitted in December, 2022, is included in project TRN-001-07.

Version Comments

PLACEHOLDER FUNDING (ICIP GRANT):
 CR501/2022 C 191/2022: 2024 F221 \$5,701,947 2025 F221 \$1,024,479
 CR501/2022 C 191/2022: 2028 F169 \$1,000,000 2029 F169 \$418,037

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	5,701,947	1,024,479	0	0	1,000,000	418,037	1,581,963	0	0	0	9,726,426
Total		5,701,947	1,024,479	0	0	1,000,000	418,037	1,581,963	0	0	0	9,726,426
Revenues												
169	Pay As You Go - Capital Reserve	0	0	0	0	0	0	1,581,963	0	0	0	1,581,963
169CF	Committed Funding	0	0	0	0	1,000,000	418,037	0	0	0	0	1,418,037
221	Service Sustainability Investm	0	0	0	0	0	0	0	0	0	0	0
221CF	Committed Funding	5,701,947	1,024,479	0	0	0	0	0	0	0	0	6,726,426
Total		5,701,947	1,024,479	0	0	1,000,000	418,037	1,581,963	0	0	0	9,726,426
Related Projects		Historical Approved Budget					Operating Budget Impact					
				Revenue								
		<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>		<u>Subsidies</u>						
		2023	4,073,574	4,073,574		0						
Year Identified	Start Date	Project Type for 2024		Project Lead			Est. Completion Date					
2022		Growth: 0.0 % Maintenance: 100.0 %		Tyson Cragg			Dec 2027`					



Project Version Summary

Project #	TRN-003-07	Service Area	Economic Development
Budget Year	2024	Department	Transit Windsor
Asset Type	Unassigned	Division	Administration - Transit Windsor
Title	Transit Windsor - Shelters/Signage/Amenities Maintenance and Replacement		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

In order to properly maintain and replace bus shelters, signage and other customer amenities which require maintenance due to wear and tear as well as damage, capital funding is required annually. Transit shelters also require new batteries after approximately 6 years. This project will assist in providing necessary funding to purchase and install these replacement batteries as necessary.

Version Description

This project provides ongoing funding for maintenance and replacement needs for shelters, signage and other customer amenities.

Project Comments/Reference	Version Comments
7045018	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5110 Machinery & Equipment - TCA	100,000	102,295	102,240	102,185	101,130	102,075	102,015	101,955	101,894	105,000	1,020,789
Total	100,000	102,295	102,240	102,185	101,130	102,075	102,015	101,955	101,894	105,000	1,020,789
Revenues											
127 Dev Chg - Transit	100,000	102,295	102,240	102,185	101,130	102,075	102,015	101,955	101,894	105,000	1,020,789
Total	100,000	102,295	102,240	102,185	101,130	102,075	102,015	101,955	101,894	105,000	1,020,789

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		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				
		2021	50,000	50,000	0				
		2022	51,000	51,000	0				
		2023	52,000	52,000	0				
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date				
2007	January 1, 2015	Growth: 100.0 % Maintenance: 0.0 %		Steve Habrun	Ongoing`				



Project Version Summary

Project #	TRN-003-22	Service Area	Economic Development
Budget Year	2024	Department	Transit Windsor
Asset Type	Unassigned	Division	Administration - Transit Windsor
Title	Automated Passenger Counter		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

Automated Passenger Counter (APCs) are electronic machines located near the doors of a transit bus that count the number of passengers that enter and exit at every transit stop. This project is intended to provide Transit Windsor with an automated method for collecting information about the number of passengers at a variety of system levels, including route, route assignment, or specific transit stops by time of day and by day of week. More detailed ridership data are used by transit planners and schedulers to analyze performance and to make changes at the route, trip or stop levels so that service levels matches the demand.

Version Description

In recent years, Transit Windsor received approval to purchase 65 APCs in a fleet of 117 representing approximately 56% APC coverage.

In 2021, as a result of the COVID-19 pandemic, Transit Windsor was able to access funding through the Safe Restart funding program to purchase and install vehicle occupancy & crowding data software. This provided riders with real time bus occupancy information delivered through Transit Windsor's prediction portal and the Transit App. APCs provide the foundation for providing real-time information on vehicle crowding to transit riders. As crowding information is available in real time, riders can elect to wait for the next vehicle if it is coming soon and less crowded. Transit Windsor received approval in its 2022 capital budget to install APCs on the remaining fleet in order to allow better data collections and analysis. This would also fully support the vehicle occupancy & crowding data software in providing complete information. Transit Windsor Windsor submitted an application to the Investing in Canada Infrastructure Program (ICIP) to fund a portion of the APC project (73.33%). The funding committed below represents the required municipal share of this project.

This project is heavily reliant on grant funding eligible for Transit Windsor through the Investing in Canada Infrastructure Program (ICIP) which provides 73.33% funding for all eligible expenses. Without this grant funding, these projects would be required to be funded 100% through Municipal funding.

Project Comments/Reference

7221029

Version Comments

COMMITMENTS:
CR352/2022 C 140/2022: 2024 F221 \$110,000

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	110,000	0	0	0	0	0	0	0	0	0	110,000
Total	110,000	0	0	0	0	0	0	0	0	0	110,000
Revenues											
221 Service Sustainability Investm	0	0	0	0	0	0	0	0	0	0	0
221CF Committed Funding	110,000	0	0	0	0	0	0	0	0	0	110,000
Total	110,000	0	0	0	0	0	0	0	0	0	110,000

Related Projects		Historical Approved Budget			Operating Budget Impact	
		Revenue				
		Year	Total Expense	Net City Cost	Subsidies	
		2022	90,000	90,000	0	
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date	
2022		Growth: 0.0 % Maintenance: 100.0 %		Tyson Cragg	TBD`	



Project Version Summary

Project #	TRN-004-24	Service Area	Economic Development
Budget Year	2024	Department	Transit Windsor
Asset Type	Unassigned	Division	Administration - Transit Windsor
Title	New Bus for Route 250 (Rhodes/Twin Oaks/NextStar Industrial)		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description												
<p>Transit Windsor has continued to make service improvements consistent with the Transit Master Plan after approval in January 2020. This has included the implementation of Routes 418X and 518X, and the approved 2023 operating budget and service plan of Routes 100, 110, 115, 200, 315, 325, 330 & 335. It has also included revisions to the Central 3 route with service to the new Toldo Lancer Centre, and the expansion to the Town of Amherstburg with Route 605. Other new service requests, while not included in the Master Plan, have been identified as necessary as economic development has intensified. With the construction of the NextStar Energy plant in the City's south-east area, transit service must be extended to service the needs of a growing industrial park. With additional service, additional vehicles are necessary.</p>												
Version Description												
<p>Transit Windsor is requesting one (1) expansion bus in order to implement Route 250 (Rhodes/Twin Oaks/NextStar Industrial). This route is designed to run for the majority of the service day on weekdays, and services the Rhodes Drive industrial area, the Twin Oaks Industrial Park (currently not serviced), and the new NextStar battery plant (also not currently served). Because this is a new service area, Transit Windsor does not have capacity within the existing fleet to accommodate the increased service demands. Transit Windsor has accommodated the past three years' service increases within the existing fleet complement. At this point, Transit Windsor has exceeded the capacity of its existing fleet, and further service improvements cannot be made without additional buses. The risk of not expanding fleet complement is not being able to deliver the expected results of recent and future service changes.</p>												
Project Comments/Reference						Version Comments						
						<p>One new Hybrid Bus is required to run the 2024 Twin Oaks Plan. The estimated gross costs of this bus is \$1.3M. These are Gross City costs and its assumed that no ICIP funding will be available.</p>						
Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5110	Machinery & Equipment - TCA	1,300,000	0	0	0	0	0	0	0	0	0	1,300,000
	Total	1,300,000	0	0	0	0	0	0	0	0	0	1,300,000
Revenues												
127	Dev Chg - Transit	1,300,000	0	0	0	0	0	0	0	0	0	1,300,000
169	Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0
	Total	1,300,000	0	0	0	0	0	0	0	0	0	1,300,000

Related Projects		Historical Approved Budget		Operating Budget Impact	
				<p style="text-align: right;">Effective Date Unknown Exp/(Rev) FTE Impact</p> <p>Description 0 0</p> <p>The operating budget issue # 2024-0280 is linked to this project and is related to the implementation of the 2024 Route 250 (Rhodes/Twin Oaks/NextStar) Plan. Without approval of this issue, there will be no way for capital to fund this new route.</p>	
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date	
2024	January 1, 2024	Growth: 100.0 % Maintenance: 0.0 %	Tyson Cragg	December 2024	



Project Version Summary

Project #	TRN-001-07	Service Area	Economic Development
Budget Year	2024	Department	Transit Windsor
Asset Type	Unassigned	Division	Transit Maintenance
Title	Transit Windsor Fleet Replacement Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

Transit Windsor's 2015-2035 Fleet Acquisition Plan directed that for the purchasing and disposal of buses, the previously used 18-year life cycle for a bus be reduced to 12 years, thereby reducing maintenance requirements and the need for additional spare vehicles. This project submission will ensure that Transit Windsor is fully implementing a 12-year lifecycle of its fleet as recommended in the Life Cycle Costing recommendations and will be an opportunity to improve the current Transit Windsor fleet.

This project contains funding requests 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).

This project includes funding for the annual acquisition of replacement buses for Transit Windsor. With such a large and varying fleet of buses and with continual fiscal pressures, the City of Windsor commissioned a full lifecycle costing study in 2015 which was conducted by Parsons Brinckerhoff. This study developed 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.

Version Description

Through the fleet replacement program, 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 transportation. 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.

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. The conversion of high-floor to low-floor, accessible buses has increased ridership opportunities for those with disabilities or mobility impairments. Students will also be an important target group as this demographic makes up a significant portion of the Windsor population.

The City of Windsor budgets for its capital programs using a ten-year plan. This project identifies funding levels required to continue with the implementation of the recommendations outlined in the lifecycle costing study which recommends that 8 buses be purchased each year. In recent years, replacement of Transit Windsor's fleet has been heavily reliant on the Investing in Canada Infrastructure Program (ICIP) grant funding, and funding for the replacement of fleet was included in the recent applications submitted in December, 2022, with the request for 34 new buses, effectively funding the replacement of fleet for the next four years, from 2025 to 2029

In light of current operations and in consideration of the recommendations stemming from the recently approved Transit Windsor Master Plan and the changes it proposes, a number of worthwhile Transit support projects were brought forward to City Council for review and approval at their November 28, 2022 meeting. Administration identified, that these support projects could be funded from existing Transit capital budget allocations within the 10 year plan, and they were therefore, with Council's approval, included in the final intake for funding under the ICIP grant. Many of these projects were also identified as requirements as part of the Transit Master Plan recommendations, and they will therefore help move the plan forward.

It is anticipated that the list of projects identified in the report to Council at the meeting held on November 28th, 2022, will provide enhancements to transit operations and services by replacing equipment and hybrid buses at the end of their useful life. These projects include process equipment replacement, existing building upgrades, terminal upgrades, bus stop and shelter improvements, automated fare collection and annual hybrid bus replacements. Benefits from these projects include reduced maintenance and repair costs, potential fuel savings, lower emissions, improved efficiency through automated fare collection, and improved rider experience through bus stop/shelter and terminal upgrades.

The estimated capital cost for the Transit Support Projects was identified as \$99.62M. City Council approved, as per the ICIP Grant requirements, that If the ICIP Grant Application for the Transit Support Projects is successful, the funding to a maximum of \$28,996,630, as follows:

- i. A PRE-COMMITMENT in the Transit Windsor Fleet Replacement Program (TRN-001-07) of 2025 and 2026 funding of \$1,167,896 and \$3,952,638, respectively.
- ii. A PRE-COMMITMENT in the Transit Windsor Garage capital project (TRN-001-22) of 2023, 2024, and 2025 funding of \$4,073,574, \$5,701,947, and \$1,024,479, respectively.
- iii. PLACEHOLDER funding in the Transit Windsor Fleet Replacement Program (TRN-001-07) of 2027 and 2028 funding of \$6,458,059 and \$5,200,000, respectively, and that these funds be automatically PRE-COMMITTED and available for immediate use as funding falls within the five-year funding window.
- iv. PLACEHOLDER funding in the Transit Windsor Garage capital project (TRN-001-22) of 2028 and 2029 funding of \$1,000,000 and \$418,037 respectively, and that these funds be automatically PRE-COMMITTED and available for immediate use as funding falls within the five-year funding window.

As of September 11, 2023, the City has received approval for six out of the nine ICIP applications submitted .The City is still awaiting the review and approval of three ICIP projects submitted in December, 2022. Funding from 2029+ of the Capital Budget for this project, has not been identified as a placeholder for any ICIP projects at this time, and can be used for additional fleet replacement.

Project Comments/Reference

7201014 7222012
 CLOSED: 7003812, 7109002, 7111029, 7131003,
 7151007, 7121003, 7141015, 7171044, 7151006, 7191031
 Additional funding for ICIP project applications submitted in
 December, 2022, is included in project TRN-001-22.

Version Comments

ICIP - Public Transit Intake 3 Grant (Grant was successful)
 PLACEHOLDER FUNDING (ICIP GRANT):
 CR501/2022 C 191/2022: 2025 F221 \$1,167,896 2026 F221 \$3,952,638
 CR501/2022 C 191/2022: 2027 F221 \$6,458,059 2028 F221 \$5,200,000

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5110	Machinery & Equipment - TCA	0	1,167,896	3,952,638	6,458,059	5,200,000	5,200,000	5,200,000	5,200,000	0	3,415,034	35,793,627
Total		0	1,167,896	3,952,638	6,458,059	5,200,000	5,200,000	5,200,000	5,200,000	0	3,415,034	35,793,627
Revenues												
169	Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0
221	Service Sustainability Investm	0	0	0	0	0	5,200,000	5,200,000	5,200,000	0	3,415,034	19,015,034
221CF	Committed Funding	0	1,167,896	3,952,638	6,458,059	5,200,000	0	0	0	0	0	16,778,593
Total		0	1,167,896	3,952,638	6,458,059	5,200,000	5,200,000	5,200,000	5,200,000	0	3,415,034	35,793,627
Related Projects		Historical Approved Budget				Operating Budget Impact						
Follows		Year		Revenue		Effective Date		Unknown		Exp/(Rev) FTE Impact		
Project Title		Total Expense	Net City Cost	Subsidies	Description							
TRN-001-20		2008	5,898,500	4,818,500	1,080,000	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	
TRN-002-20		2009	6,509,133	3,904,557	2,604,576							
TRN-003-20		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							
		2019	215,108	215,108	0							
		2020	72,114	72,114	0							
		2022	3,997,180	3,997,180	0							
		2023	726,426	726,426	0							
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date						
2007	January 2, 2016	Growth: 0.0 % Maintenance: 0.0 %		Tyson Cragg		Ongoing`						



Project Version Summary

Project #	TRN-001-16	Service Area	Economic Development
Budget Year	2024	Department	Transit Windsor
Asset Type	Unassigned	Division	Transit Maintenance
Title	Transit Windsor Fleet Refurbishment/Repair Costs		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Transportation		
Wards	City Wide		
Version Name	Fleet Refurbishment/Repair Costs (Active)		

Project Description	
<p>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).</p> <p>This Capital Budget submission includes a provision for refurbishment and repair or enhancement costs.</p>	
Version Description	
<p>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</p> <p>A reduction to \$300,000 from \$500,000 in year 2023 and onward will have an impact on operating as this capital amount is transferred into operating to cover refurbishments and repairs. Due to the age of many buses within the fleet, significant refurbishment work will continue to be required in order to maintain the existing fleet over the next few years even after the new bus purchases in 2018, 2020, and 2022. In 2008 and 2010, a total of 29 new buses were purchased and now require refurbishment work at the same time. Eighteen of the buses from the 2008 order are hybrids, and the refurbishment costs are much higher than standard diesel buses. This is a drawback to purchasing a large volume of buses all in the same year. In order to ensure Transit Windsor is able to have the appropriate number of buses in service in order to meet the service demands, as well as ensure all buses are meeting MTO safety requirements, appropriate funding is required.</p> <p>Funding in prior years was \$500,000 per year. The risk of reducing the refurbishment funding in future years will impact the operating budget as the work must be completed to meet service needs and therefore these costs would be required to be incurred through operating. Operating maintenance costs are continuing to increase as parts become more expensive, therefore using the operating budget to complete necessary refurbishment work would lead to a significant deficit in the Fleet Vehicle Parts and Maintenance operating budget.</p>	
Project Comments/Reference	Version Comments
<p>Open: 7221028, 7231025 Closed: 7151007 7171034 7161041 7181018 7191017 7201015 7211035</p>	

Project Detailed Forecast													
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total	
Expenses													
2250	Vehicle Maint Parts/Materials	300,000	300,000	300,000	300,000	400,000	400,000	400,000	400,000	500,000	500,000	3,800,000	
Total		300,000	300,000	300,000	300,000	400,000	400,000	400,000	400,000	500,000	500,000	3,800,000	
Revenues													
221	Service Sustainability Investm	300,000	300,000	300,000	300,000	400,000	400,000	400,000	400,000	500,000	500,000	3,800,000	
Total		300,000	300,000	300,000	300,000	400,000	400,000	400,000	400,000	500,000	500,000	3,800,000	
Related Projects		Historical Approved Budget				Operating Budget Impact							
				Revenue				Effective Date Unknown		Exp/(Rev) FTE Impact			
		Year	Total Expense	Net City Cost	Subsidies					Description		0	0
		2016	471,000	471,000	0					No Operating budget Impact.			
		2017	500,000	500,000	0								
		2018	500,000	500,000	0								
		2019	500,000	500,000	0								
		2020	500,000	500,000	0								
		2021	500,000	500,000	0								
		2022	500,000	500,000	0								
		2023	300,000	300,000	0								
Year Identified	Start Date	Project Type for 2024		Project Lead			Est. Completion Date						
2016	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %		Tyson Cragg			Ongoing`						



Project Version Summary

Project #	TRN-001-21	Service Area	Economic Development
Budget Year	2024	Department	Transit Windsor
Asset Type	Unassigned	Division	Transit Maintenance
Title	Transit Windsor Master Plan Implementation		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

During 2018 and 2019, Transit Windsor conducted a Service Delivery Review which was completed at the end of 2019 with the results presented to City Council as the Transit Windsor Master Plan in early 2020. This Master Plan was approved by City Council through B7/2020 CR40/2020. This capital project requests funding for a number of projects, such as the East End Terminal and the Signal Priority Project. These projects were outlined and recommended for implementation in the Master Plan over the upcoming years.

This project supplements the list of projects identified in the report to Council at the meeting held on November 28th, 2022 and submitted to ICIP in the December, 2022 applications. These supporting projects are identified in projects # TRN-001-22 and TRN-001-07 noted above.

The Investing in Canada Infrastructure Program (ICIP) provides 73.33% funding for all eligible expenses. Without this grant funding, the projects submitted in projects TRN-001-22 AND TRN-001-07 would require 100% Municipal funding.

Version Description

Transit Windsor completed a service delivery review in 2018 which was brought to City Council as the Transit Windsor Master Plan on January 27, 2020. This plan was approved with B7/2020 CR40/2020 and recommended that Transit Windsor service enhancements be implemented over the next eight (8) years. These enhancements provide more frequent service to a greater area throughout the Windsor region through a more effective and efficient route plan, maximizing rider service needs.

The full scope of the Master Plan includes:

- Improved Customer Amenities and Terminals
- Improved Fare Collection Technology
- Additional Fleet
- Improved Routing

Note: The Master Plan Project may have additional operating impacts which will be brought forward through the operating budget process annually as operating funding is a significant component of the implementation plan.

Project Comments/Reference

7201016

Version Comments

Project Detailed Forecast													
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total	
Expenses													
5110	Machinery & Equipment - TCA	0	0	400,000	0	0	0	0	0	0	0	400,000	
Total		0	0	400,000	0	0	0	0	0	0	0	400,000	
Revenues													
169	Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0	
221	Service Sustainability Investm	0	0	400,000	0	0	0	0	0	0	0	400,000	
Total		0	0	400,000	0	0	0	0	0	0	0	400,000	
Related Projects		Historical Approved Budget				Operating Budget Impact							
				<u>Revenue</u>		<u>Effective Date</u>		Unknown		<u>Exp/(Rev)</u>		<u>FTE Impact</u>	
		<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>Description</u>				0	0		
		2022	759,744	759,744	0								
		2023	583,204	583,204	0								
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date							
2021	January 1, 2022	Growth: 0.0 % Maintenance: 0.0 %		Tyson Cragg		2027`							



Project Version Summary

Project #	TRN-002-08	Service Area	Economic Development
Budget Year	2024	Department	Transit Windsor
Asset Type	Unassigned	Division	Transit Maintenance
Title	TW Hybrid Life Extension		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

This request is to fund the major repair costs to the fleet, specifically the hybrid buses, 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.

Version Description

This provision will assist in replacing major components on hybrid buses including such as high voltage 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.

Project Comments/Reference	Version Comments
7211041 Closed: 7135000 7141016 7161042	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5110	Machinery & Equipment - TCA	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	2,000,000
	Total	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	2,000,000
Revenues												
221	Service Sustainability Investm	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	2,000,000
	Total	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	2,000,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2013	150,000	150,000	0				
		2014	300,000	300,000	0				
		2016	300,000	300,000	0				
		2021	302,500	302,500	0				
		2022	200,000	200,000	0				
		2023	200,000	200,000	0				
		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 \$44,000 and \$70,250 respectively. Since 18 hybrid buses were purchased in 2009, there is likelihood that these parts will all require replacement at the same time.							
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date			
2008	January 1, 2016	Growth: 0.0 % Maintenance: 100.0 %		Tyson Cragg		Ongoing`			



Project Version Summary

Project #	TRN-007-21	Service Area	Economic Development
Budget Year	2024	Department	Transit Windsor
Asset Type	Unassigned	Division	Transit Maintenance
Title	Support Vehicles		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
 Transit Windsor's fleet includes a number of support and service vehicles which require replacement as their useful life comes to an end. This project provides funding to replace these vehicles and purchase additional vehicles as necessary. As service increases per the council approved Master Plan, addition support and service vehicles will be required in order to maintain necessary support for the increased service enhancements.

Version Description
 Transit Windsor completed a service delivery review in 2018 which was brought to City Council as the Transit Windsor Master Plan in January 27, 2020. This plan was approved with B7/2020 CR40/2020 and recommended that Transit Windsor service enhancements be implemented over the next eight (8) years. These enhancements provide more frequent service to a greater area throughout the Windsor region through a more effective and efficient route plan, maximizing rider service needs.
 Transit Windsor currently has a fleet of 13 non-revenue on-road support vehicles (primarily Dodge Grand Caravans used for supervisory duties, planning and administrative, and operator transport. There are also 5 maintenance support vehicles that are used for winter control and facility maintenance. The oldest vehicle in the fleet is currently 10 years old. Given the severe duty cycles on these vehicles, Transit Windsor has traditionally budgeted to replace one to two vehicles per year, as budget allows.

Project Comments/Reference	Version Comments
7201014	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5110	Machinery & Equipment - TCA	0	0	0	0	103,382	105,449	107,558	109,709	111,903	117,498	655,499
	Total	0	0	0	0	103,382	105,449	107,558	109,709	111,903	117,498	655,499
Revenues												
169	Pay As You Go - Capital Reserve	0	0	0	0	103,382	105,449	107,558	109,709	111,903	117,498	655,499
	Total	0	0	0	0	103,382	105,449	107,558	109,709	111,903	117,498	655,499

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2021	154,577	154,577	0			0	0
					Description: Additional maintenance will come with additional service vehicles. Minor fuel increase may also occur as these will be additional vehicles on the road.				
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date				
2021	January 1, 2021	Growth: 0.0 % Maintenance: 0.0 %		Tyson Cragg	Ongoing`				



2024 Recommended Capital Budget

Office of the Commissioner of Finance and City Treasurer



Project Version Summary

Project #	FIN-001-17	Service Area	Finance & City Treasurer
Budget Year	2024	Department	Asset Planning
Asset Type	Unassigned	Division	Asset Planning
Title	Asset Planning Service Design and Implementation		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	This funding is to ensure completion of several projects currently in development including the 20-year life cycle costing models for City of Windsor assets.
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Version Description	
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Project Comments/Reference	Version Comments
7131117	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
2915	Consulting Services - External	0	0	0	250,000	150,000	400,000	150,000	0	0	50,000	1,000,000
	Total	0	0	0	250,000	150,000	400,000	150,000	0	0	50,000	1,000,000
Revenues												
028	Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0
169	Pay As You Go - Capital Reserve	0	0	0	250,000	150,000	400,000	150,000	0	0	50,000	1,000,000
221	Service Sustainability Investm	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	250,000	150,000	400,000	150,000	0	0	50,000	1,000,000

Related Projects		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>2017</td> <td>110,000</td> <td>110,000</td> <td>0</td> </tr> <tr> <td>2020</td> <td>547,000</td> <td>547,000</td> <td>0</td> </tr> <tr> <td>2023</td> <td>520,000</td> <td>520,000</td> <td>0</td> </tr> </tbody> </table>		Year	Total Expense	Revenue		Net City Cost	Subsidies	2017	110,000	110,000	0	2020	547,000	547,000	0	2023	520,000	520,000	0	
Year	Total Expense	Revenue																					
		Net City Cost	Subsidies																				
2017	110,000	110,000	0																				
2020	547,000	547,000	0																				
2023	520,000	520,000	0																				
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date																			
2017	January 1, 2017	Growth: 0.0 % Maintenance: 0.0 %	Natasha Gabbana	Ongoing`																			



Project Version Summary

Project #	FIN-001-19	Service Area	Finance & City Treasurer
Budget Year	2024	Department	Asset Planning
Asset Type	Unassigned	Division	Asset Planning
Title	Grant Matching Funding and Mitigating Inflationary Pressures		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Community & Economic Development		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
Project funding recommended to address capital project inflationary pressures and provide additional funding needed for the City's matching contributions for grant funding, if needed.

Version Description
This funding will assist with addressing matching funding requirements for grants which do not have enough funding to meet the matching requirements. This will also assist in expediting the grant approval process as the DOA 3.25 requirements for approval of grants could be met confirming municipal funding is in place. The project will also assist to mitigate against tender pricing increases, after exhausting all other options to mitigate any variance. Use of the funds for grants will be reported to City Council through the annual DOA report and use of the funds for mitigating inflationary pressures will be reported through the semi-annual Capital Variance report.

Project Comments/Reference	Version Comments
7191009	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	913,253	250,000	300,000	2,750,000	1,000,000	1,471,665	1,475,000	1,200,000	0	0	9,359,918
Total	913,253	250,000	300,000	2,750,000	1,000,000	1,471,665	1,475,000	1,200,000	0	0	9,359,918
Revenues											
028 Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0
153 Sewer Surcharge	713,253	0	0	2,000,000	1,000,000	1,000,000	1,000,000	900,000	0	0	6,613,253
169 Pay As You Go - Capital Reserve	200,000	250,000	300,000	750,000	0	471,665	475,000	300,000	0	0	2,746,665
221 Service Sustainability Investm	0	0	0	0	0	0	0	0	0	0	0
Total	913,253	250,000	300,000	2,750,000	1,000,000	1,471,665	1,475,000	1,200,000	0	0	9,359,918

Related Projects		Historical Approved Budget			Operating Budget Impact
			Revenue		
		Year	Total Expense	Net City Cost	Subsidies
		2019	215,000	215,000	0
		2020	1,176,000	1,176,000	0
		2021	1,087,751	1,087,751	0
		2022	287,751	287,751	0
		2023	1,037,751	1,037,751	0
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date	
2019	January 1, 2019	Growth: 100.0 % Maintenance: 0.0 %	Natasha Gabbana	Ongoing`	



Project Version Summary

Project #	FIN-001-23	Service Area	Finance & City Treasurer
Budget Year	2024	Department	Asset Planning
Asset Type	Unassigned	Division	Asset Planning
Title	Corporate Inflation Mitigation		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Community & Economic Development		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	Funding allocated to this project will be used to address additional funding required in other projects due to inflation.
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Version Description	Allocation of these funds will be approved by the Chief Administrative Officer, subject to review of the CFO / City Treasurer. All allocations of funding will be reported to Council via the semi-annual capital variance report.
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Project Comments/Reference	Version Comments
7235001	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	2,158,605	999,630	2,662,355	9,498,627	0	0	0	0	0	0	15,319,217
Total	2,158,605	999,630	2,662,355	9,498,627	0	0	0	0	0	0	15,319,217
Revenues											
028 Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0
153 Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0
153CF Committed Funding	2,158,605	999,630	764,939	1,396,043	0	0	0	0	0	0	5,319,217
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0
169CF Committed Funding	0	0	1,897,416	3,102,584	0	0	0	0	0	0	5,000,000
221 Service Sustainability Investm	0	0	0	0	0	0	0	0	0	0	0
221CF Committed Funding	0	0	0	5,000,000	0	0	0	0	0	0	5,000,000
Total	2,158,605	999,630	2,662,355	9,498,627	0	0	0	0	0	0	15,319,217

Related Projects		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>2023</td> <td>1,265,000</td> <td>1,265,000</td> <td>0</td> </tr> </tbody> </table>		Year	Total Expense	Revenue		Net City Cost	Subsidies	2023	1,265,000	1,265,000	0	
Year	Total Expense	Revenue													
		Net City Cost	Subsidies												
2023	1,265,000	1,265,000	0												
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date											
2023		Growth: 0.0 % Maintenance: 100.0 %	Joe Mancina	TBD`											



Project Version Summary

Project #	FIN-004-18	Service Area	Finance & City Treasurer
Budget Year	2024	Department	Asset Planning
Asset Type	Unassigned	Division	Asset Planning
Title	Enterprise Wide Energy Management System Software		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
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.

Version Description

Project Comments/Reference

Version Comments

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	0	0	0	0	0	300,000	0	0	0	300,000
Total	0	0	0	0	0	0	300,000	0	0	0	300,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	300,000	0	0	0	300,000
Total	0	0	0	0	0	0	300,000	0	0	0	300,000

Related Projects		Historical Approved Budget		Operating Budget Impact	
				Effective Date Unknown Description Ongoing Maintenance	Exp/(Rev) 0 FTE Impact 0
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date	
2018	October 1, 2020	Growth: 0.0 % Maintenance: 0.0 %	Cole Nadalin	TBD`	



Project Version Summary

Project #	FIN-009-15	Service Area	Finance & City Treasurer
Budget Year	2024	Department	Asset Planning
Asset Type	Unassigned	Division	Asset Planning
Title	Capital Reserve Replenishment Allocation		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Capital Reserve Replenishment		
Wards	City Wide		
Version Name	Main (Active)		

Project 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 a 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.											
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Version Description												
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Project Comments/Reference							Version Comments						
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Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
4248	TRANSFER to Reserve Account	1,670,000	1,670,000	1,670,000	1,670,000	1,710,000	1,710,000	1,710,000	1,710,000	3,210,000	3,210,000	19,940,000
	Total	1,670,000	1,670,000	1,670,000	1,670,000	1,710,000	1,710,000	1,710,000	1,710,000	3,210,000	3,210,000	19,940,000
Revenues												
169	Pay As You Go - Capital Reserve	1,670,000	1,670,000	1,670,000	1,670,000	1,710,000	1,710,000	1,710,000	1,710,000	3,210,000	3,210,000	19,940,000
	Total	1,670,000	1,670,000	1,670,000	1,670,000	1,710,000	1,710,000	1,710,000	1,710,000	3,210,000	3,210,000	19,940,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2016	3,210,000	3,210,000	0				
		2017	3,210,000	3,210,000	0				
		2018	3,210,000	3,210,000	0				
		2019	3,210,000	3,210,000	0				
		2020	3,210,000	3,210,000	0				
		2021	3,450,000	3,450,000	0				
		2022	1,670,000	1,670,000	0				
		2023	1,670,000	1,670,000	0				
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date			
2015	January 1, 2016	Growth: 100.0 % Maintenance: 0.0 %		Mike Dennis		TBD`			



Project Version Summary

Project #	FIN-001-24	Service Area	Finance & City Treasurer
Budget Year	2024	Department	Asset Planning
Asset Type	Unassigned	Division	Corporate Energy
Title	Energy Initiatives at City Facilities		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	This project will be part of the net zero activities and consists of fuel switching at Capri Pizzeria Recreational Complex as well as Dectron renewal at Gino A Marcus Community Centre.										
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Version Description											
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Project Comments/Reference											Version Comments	
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Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
2915 Consulting Services - External	0	0	0	0	0	0	0	0	0	500,000	500,000
Total	0	0	0	0	0	0	0	0	0	500,000	500,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	500,000	500,000
Total	0	0	0	0	0	0	0	0	0	500,000	500,000

Related Projects	Historical Approved Budget	Operating Budget Impact

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2024		Growth: 0.0 % Maintenance: 0.0 %	TBD	TBD`



Project Version Summary

Project #	FIN-001-14	Service Area	Finance & City Treasurer
Budget Year	2024	Department	Financial Planning
Asset Type	Unassigned	Division	Financial Planning
Title	Development Charges Study and Bylaw Update		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Community & Economic Development		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
To update Development Charges Study and Bylaw every 5 years.

Version Description
The City-wide DC Background Study & Bylaw requires updating every 5 years and was last updated in 2020.

Project Comments/Reference	Version Comments
7183004 Closed: 7142002	

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	50,000	50,000	0	0	0	60,000	60,000	0	0	75,000	295,000
Total	50,000	50,000	0	0	0	60,000	60,000	0	0	75,000	295,000
Revenues											
121 Dev Chg - General	0	0	0	0	0	0	0	0	0	0	0
169 Pay As You Go - Capital Reserve	50,000	50,000	0	0	0	60,000	60,000	0	0	75,000	295,000
Total	50,000	50,000	0	0	0	60,000	60,000	0	0	75,000	295,000

Related Projects	Historical Approved Budget				Operating Budget Impact		
	Year	Total Expense	Revenue Net City Cost	Subsidies	Effective Date	Unknown	Exp/(Rev) FTE Impact
	2014	40,000	40,000	0			0 0
	2015	40,000	40,000	0			
	2018	120,000	120,000	0			
	2019	40,000	40,000	0			
	2020	40,000	40,000	0			
	Description: No Operating Budget Impact						

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2016	January 1, 2018	Growth: 100.0 % Maintenance: 0.0 %	Tony Ardovini	Ongoing`



2024 Recommended Capital Budget

Office of the Commissioner of Human & Health Services



Project Version Summary

Project #	HCS-001-07	Service Area	Human & Health Services
Budget Year	2024	Department	Housing & Children's Services
Asset Type	Unassigned	Division	Housing Services
Title	City Housing Reserve Fund		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Community & Economic Development		
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 part of this community for many years, 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 the Ministry of Municipal Affairs and Housing (MMAH).

This fund was established "to cover the risks associated with future increases" in the social housing program. This includes the cost of capital repairs in the housing stock, to offset 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 housing related initiatives. The current available balance of this fund after Council approved commitments is approximately \$2.24M as at August 31, 2023.

In early 2019, as part of the 2018 Year-end Operating Budget Variance Report, Council approved the establishment of a new Reserve Fund entitled the City Housing Reserve Fund. This fund was created to retain 100% City funded contributions for the purposes of funding future Social and Affordable Housing costs. The current available balance after Council approved commitments at August 31, 2023 is approximately \$1.49 M.

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. The County of Essex would share approx. 35.84% of capital expenditures incurred based on the current arbitrated weighted assessment formula.

Version Description

Housing Services is requesting a total allocation of approximately \$3 million net City in the year 2033.

Housing Services requested a total allocation of \$9 million net City in the year 2033. This request consisted of \$3 million for fund maintenance and an allocation of \$6 million to assist in the creation of affordable housing units in the City of Windsor. At the Finance review stage this amount was reduced to \$3 million.

In 2023, Housing Services requested a total allocation of \$3 million net City for the year 2032. The request was approved in principle.

In 2022, Housing Services requested a total allocation of \$3 million net City for the year 2031. The request was approved in principle.

In 2021, Housing Services requested a total allocation of \$3 million net City in each of the years 2028 to 2030. The approved amount was \$600 K net City for 2028-2030. Requests for allocations in each of the years 2024 – 2027 were not approved at the Finance Review stage.

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 \$13M to \$14M. It should be noted that of the 34 housing providers, a number have little or no capital reserve balances and a large number would not have enough funding should a major capital repair be required. The extent of the capital asset repairs will continue to grow and affect overall building condition, poor building conditions lead to increased chances for loss/decommissioning of social housing units and increases the chances the City will not be in a position to meet their provincially mandated rent geared-to-income service level standards.

In June 2020, Housing Services released RFP 97-20 Social Housing Business Process and Asset Management Review funded under the Community Housing Renewal Strategy (CHRS) – Canada Ontario Community Housing Initiative (COCHI) program allocation. This RFP was undertaken to hire a consultant to conduct a fulsome review for the federal and social housing providers under the Housing Services Act, 2011. A portion of this work included asset management services, including building condition audits and assessments of significant building repairs required in the short, medium and long term. The contract, awarded to Pretium Engineering Inc., was completed in March 2022. The BCA's completed for 32 non-profit social housing providers (excluding Windsor Essex Community Housing Corporation) identified estimated capital needs over the next 30 years. The consultant's Rollup Report identified projected capital needs for the period 2022-2026 (5-year) of \$ 43.5 million. For the 2022-year, capital repair needs of \$12.6 million were identified. Of this amount \$3.8 million was deemed critical. Although there are some upper-level government funding streams such as the Canada Ontario Community Housing Initiative (COCHI) and the Ontario Priorities Housing Initiative (OPHI) the annual funding streams received under these programs does not adequately fund the required repairs resulting in a repair deficit that will require alternate funding sources. For 2023-2024 and 2024-25, the capital repair requests for funding under COCHI and OPHI exceeded \$11.5 million. In fact, the average annual allocation under previous housing programs as compared to the allocation provided under COCHI and OPHI has been reduced annually at a time when housing affordability and pressures are at an all time high.

The City of Windsor has been allocated funding to assist with Social Housing repairs through a number of MMAH funded housing programs since 2016 as follows: 2016 – Social Housing Apartment Retrofit Program (SHARP) - \$ 3.134 million – As part of the Province's Green Investment Fund (GIF) this funding supported retrofits in social housing high-rise apartment building of 150 units or more. Two social housing providers received SHARP funding (energy efficiency). Total units impacted by SHARP funding (buildings of 150 units or more) was 1444 (2 providers).

2017 - Social Housing Infrastructure Program (SHIP) - \$6.7 million - This funding assisted 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 CHC) exceeded \$ 21.1 million. Twenty-nine (29) social housing providers received SHIP funding.

2019 to 2028 – In 2019 the Province of Ontario released the Community Housing Renewal Strategy (CHRS) a multi-year strategy representing three, three-year phased funding periods that complement the investments of the National Housing Strategy. In May 2019, the City of Windsor received 3-year allocations under 2 new programs – Ontario Priorities Housing Initiative (OPHI) - \$7.0 M and Canada-Ontario Community Housing Initiative (COCHI) – \$5.0 M. In the next 3 year phase the Province approved the following funding for the years April 2022-March 2025 – OPHI \$6.3 M and COCHI \$10.9 M. This funding supports investment for repairs to existing social housing stock, new build capital funding to create affordable housing, Ontario Renovates funding to assist low-income homeowners with necessary upgrades and transitional support funding for housing providers based on the needs of the community. As part of this allocation, Housing Services released a Social Housing Repair Program (OR-SHRP) in each of the next five years (2019-2020, 2020-2021 and 2021-2022, 2022-2023, 2023-2024). Allocations were awarded on a priority basis to assist with the most urgent repairs/retrofits in Windsor/Essex. A total allocation of \$2.35 million (2019-2020) has been provided to 26 Housing Providers, \$2.7 million (2020-2021) has been allocated to 21 Housing Providers, \$850,000 (2021-2022) has been provided to 2 providers, \$4.2 million (2022-2023) has been allocated to 24 housing providers in Windsor/Essex. Housing Services is currently reviewing Housing Provider requests under the 2023-2024 OR-SHRP Program Provider requests for these funding programs noted above have been significantly 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) City Housing Reserve Fund 216	Only the City of Windsor contributes to this project up front (Fund 216). The County of Essex will contribute their share as expenses occur. COMMITMENTS: CR426/2023 IN-CAMERA: 2024 F176 \$312,163 reallocated from ECP-003-09

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	312,163	0	0	0	600,000	600,000	600,000	3,000,000	3,000,000	3,000,000	11,112,163
Total		312,163	0	0	0	600,000	600,000	600,000	3,000,000	3,000,000	3,000,000	11,112,163
Revenues												
169	Pay As You Go - Capital Reserve	0	0	0	0	600,000	600,000	600,000	3,000,000	3,000,000	3,000,000	10,800,000
169CF	Committed Funding	312,163	0	0	0	0	0	0	0	0	0	312,163
221	Service Sustainability Investm	0	0	0	0	0	0	0	0	0	0	0
Total		312,163	0	0	0	600,000	600,000	600,000	3,000,000	3,000,000	3,000,000	11,112,163

Related Projects		Historical Approved Budget				Operating Budget Impact						
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE	Impact	
					Year	Total Expense						Net City Cost
2010					294,000	200,000	94,000					
2019					1,000,000	1,000,000	0					
2022					1,250,000	1,250,000	0					
2023					1,250,000	1,250,000	0					

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2007	January 1, 2019	Growth: 100.0 % Maintenance: 0.0 %	Mike Deimling	Ongoing`



Project Version Summary

Project #	HCS-001-14	Service Area	Human & Health Services
Budget Year	2024	Department	Housing & Children's Services
Asset Type	Unassigned	Division	Housing Services
Title	Windsor Essex Community Housing Corporation Capital Repair and Renewal		
Budget Status	Capital Bdg. Exec. Comm. (CBC) Recommended		
Major Category	Agencies, Boards and Committees (ABC's)		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

Windsor Essex Community Housing Corporation (CHC) Repair and Renewal application under the National Housing Strategy Co-Investment Fund through Canada Mortgage and Housing Corporation (CMHC). The National Housing Co-Investment Fund Repair and Renewal Stream is dedicated to the preservation and renewal of the existing community and affordable housing stock. In order to leverage the Federal funding under the Repair and Renewal program projects must have support from another level of government (such as municipalities, Provinces and/or Territories, Indigenous Government) to ensure a coordination of investments.

The County of Essex would share approx. 35.84% of capital expenditures incurred based on the current arbitrated weighted assessment formula. This approved amount will form part of the City's contribution to support the application under the Repair and Renewal Stream of funding.

Version Description

As part of the City of Windsor's Operating Budget, CHC currently receives approximately \$3.2 million annually for capital projects and infrastructure upgrades for the Public Housing and Non-Profit Family Housing portfolios. CHC's Public Housing portfolio is aging and over the last number of years capital budget requests for additional funding related to capital repair purposes were submitted to the City of Windsor.

In late 2015, CHC engaged a professional engineering firm to undertake a comprehensive assessment of its building conditions through a third party Facility Condition Assessment (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. The report outlined that assuming the current level of capital funding from the City (and County) to CHC there will be an unfunded capital requirement that will reach \$112 million over the next 10 years with an annual funding requirement of \$11,209,000 portfolio wide with \$8.9 million of that amount being attributed to the Public Housing portfolio. CHC's recent estimates (2021) of the 10-year unfunded capital liability is \$148 million.

Canada Mortgage and Housing Corporation Repair and Renewal Funding:

The National Housing Strategy (NHS) is a 10-year (2018-2028), \$40 billion plan that sets targets to ensure investments and new programming for housing programs Canada-wide. The NHS documents indicate the goal of the creation of 100,000 new housing units and the repair or renewal of 300,000 existing housing units. The National Housing Co-Investment Fund has two streams, the New Construction Stream which is for new construction and the Housing Repair and Renewal Stream which is for the preservation and renewal of the existing community and affordable housing. This Capital Project request for funds is to provide the City's share in the current CHC application under the CMHC - Co-Investment Fund – Repair and Renewal stream. The Federal Government has provided a nationwide financial commitment of \$3.46 billion in loans and \$2.26 billion in capital contributions.

CMHC identified that portfolio wide funding under the Repair and Renewal Funding of the National Housing Co-Investment Fund would assist local housing corporations with ensuring adequate and appropriate condition of the housing stock that meets the needs of tenants that are residing in the units. The Repair and Renewal funding is being provided as a loan and grant combination. Accessing the Repair and Renewal Funding was contingent on CHC achieving social outcomes related to exceeding standard energy efficiency and accessibility requirements. Additional positive outcomes resulting from an allocation of funding under the Repair and Renewal stream include a positive impact in the community related to employment and business opportunities related to the repair work. CHC developed a proposed action plan to complete the capital repairs and this action plan estimates that a total cost commitment of \$170M would be required for the period 2020 - 2028.

In November of 2019 Council report C 173/2019 was brought forward requesting authorization for CHC to execute a Letter of Intent with CMHC with regards to the Repair and Renewal Funding. Council approved the recommendation (CR546/2019) and further directed administration to explore and report back in conjunction with the capital budget all appropriate funding strategies relative to the additional municipal capital contribution (approx. \$3.2M annually) required under this program. CMHC has indicated that the current annual municipal capital contributions that are provided to CHC each year can be included as a municipal contribution (included in shortfall

below).

In December 2021 an In-camera report was presented to Council as an update to the CMHC Repair and Renewal Program. This report identified that after extensive negotiations with CMHC the repair and renewal legal agreements were fully executed in November 2021. This secured the CMHC Repair and Renewal funding of \$90 million (\$36 million as a forgivable loan and \$54 million as a repayable loan).

Based upon council report 191/2020, information was provided to inform council of the projected municipal shortfall in funding of \$47.6 million as follows:

Total Estimated Costs	\$170,000,000
CMHC Repair & Renewal Funding	(\$ 90,000,000)
CHC Non-Profit Seniors Capital Contribution	(\$ 3,600,000)
Shortfall (Contribution from City and County)	\$ 76,400,000 (See table below)
Current Municipal Funding from Operating Budget (City/County)	(\$ 28,800,000)
Additional Municipal Funding (City/County)	\$ 47,600,000

In order to secure the CMHC Repair and Renewal funding, CHC required a future commitment of capital funds that required an increase or an extension to the proposed annual Asset Management Plan levy. The City share of the shortfall of funding will be funded through the Service Sustainability Investment. Based on CHC's expenditure plan compared to the City of Windsor's funding by year interest will begin to occur related to the City of Windsor's portion beginning in the year 2026 based on the current Expenditure plan. The interest payments will be made by CHC. :

Year	CHC Expenditure Plan	City Contribution to Expenditure Plan	City Funding	County Contribution/Funding to Expenditure Plan
2020	\$ 3,199,116	\$ 2,073,524	\$2,073,524	\$1,125,592
2021	\$ 2,050,000	\$ 1,325,281	\$2,306,021	\$ 724,719
2022	\$ 4,200,000	\$ 2,701,612	\$4,799,876	\$1,498,388
2023	\$ 3,500,000	\$ 2,245,666	\$2,060,812	\$1,254,334
2024	\$ 7,593,097	\$ 4,871,646	\$2,053,084	\$2,721,451
2025	\$ 6,332,903	\$ 4,063,119	\$4,053,084	\$2,269,784
2026	\$15,775,000	\$10,121,062	\$2,311,810	\$5,653,938
2027	\$21,442,000	\$13,756,946	\$2,475,642	\$7,685,054
2028	\$12,307,884	\$ 7,896,600	\$7,393,726	\$4,411,284
2029	\$0	\$0	\$5,340,642	\$0
2030	\$0	\$0	\$5,340,642	\$0
2031	\$0	\$0	\$5,340,642	\$0
2032	\$0	\$0	\$3,505,951	\$0
Total	\$76,400,000	\$49,055,456	\$49,055,456	\$27,344,544

The Repair and Renewal Funding is an opportunity for CHC to leverage funding from upper levels of government to ensure adequate and appropriate condition of the housing stock in the housing portfolio and aligns with Goal 5.2 of Home Together, Windsor Essex Housing and Homelessness Plan to regularly monitor the condition of the social housing portfolio and actively pursue funding to assist with energy efficiency and capital repairs.

Project Comments/Reference	Version Comments
7219001 (Reserve Account 1742) Closed: 7189003	COMMITMENTS: CR15/2021, C 191/2020: 2025 F169 \$2,000,000 & \$1,105,730 in County Costs

Project Detailed Forecast																																	
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total																					
Expenses																																	
4565	Capital Grants	3,276,469	6,322,868	7,965,748	10,160,696	11,805,010	5,340,642	5,340,642	5,340,642	3,505,951	0	59,058,668																					
Total		3,276,469	6,322,868	7,965,748	10,160,696	11,805,010	5,340,642	5,340,642	5,340,642	3,505,951	0	59,058,668																					
Revenues																																	
169	Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0																					
169CF	Committed Funding	0	2,000,000	0	0	0	0	0	0	0	0	2,000,000																					
221	Service Sustainability Investm	0	0	258,726	422,558	5,340,642	5,340,642	5,340,642	5,340,642	3,505,951	0	25,549,803																					
6340	Net County Cost	1,223,385	2,269,784	5,653,938	7,685,054	4,411,284	0	0	0	0	0	21,243,445																					
6340C F	Committed Funding	0	0	0	0	0	0	0	0	0	0	0																					
7058	TRANSFER From Reserve Account	2,053,084	2,053,084	2,053,084	2,053,084	2,053,084	0	0	0	0	0	10,265,420																					
Total		3,276,469	6,322,868	7,965,748	10,160,696	11,805,010	5,340,642	5,340,642	5,340,642	3,505,951	0	59,058,668																					
Related Projects		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>2018</td> <td>2,252,800</td> <td>1,500,000</td> <td>752,800</td> </tr> <tr> <td>2021</td> <td>3,506,693</td> <td>2,306,021</td> <td>1,200,672</td> </tr> <tr> <td>2022</td> <td>7,435,523</td> <td>4,799,876</td> <td>2,635,647</td> </tr> <tr> <td>2023</td> <td>3,200,000</td> <td>2,060,707</td> <td>1,139,293</td> </tr> </tbody> </table>				Year	Total Expense	Revenue		Net City Cost	Subsidies	2018	2,252,800	1,500,000	752,800	2021	3,506,693	2,306,021	1,200,672	2022	7,435,523	4,799,876	2,635,647	2023	3,200,000	2,060,707	1,139,293						
Year	Total Expense	Revenue																															
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2022	7,435,523	4,799,876	2,635,647																														
2023	3,200,000	2,060,707	1,139,293																														
Year Identified	Start Date	Project Type for 2024		Project Lead			Est. Completion Date																										
2014	January 1, 2019	Growth: 100.2 % Maintenance: (0.2 %)		Mike Deimling/Diane Wilson/Kirk Whittal			Ongoing`																										



Project Version Summary

Project #	HCS-001-23	Service Area	Human & Health Services
Budget Year	2024	Department	Housing & Children's Services
Asset Type	Unassigned	Division	Housing Services
Title	H4 Housing Hub		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Community & Economic Development		
Wards	Ward 3		
Version Name	Main (Active)		

Project Description																	
<p>In September 2022, City Council approved the recommendations in CR390/2022 which provided Administration the authority to engage with Real Estate Services to explore and identify potential sites related to the creation of the Housing Hub as well as providing the CAO and City Clerk authority to enter into agreements to complete any feasibility work, where the costs do not exceed the amount allocated under Capital Project 7221048 – H4 Housing Hub (HC-001-22).</p>																	
Version Description																	
<p>Through engagement with a consultant in 2022, anticipated cost projections for both professional services and construction of the Housing Hub from 2023- 2033 are estimated to be \$59,847,069 (not including other financing costs). These fees are subject to a number of assumptions including an estimated cost for potential site acquisition that is to be determined in late 2023 as well as construction material costing estimates as of July 2022. The remaining estimated cost of \$39,147,069 plus other financing costs will be required to be funded by additional municipal or upper levels of government contributions. There is a risk that without municipal funding contributions to the project that Administration may not be able to continue the preliminary work needed to fulfill the need identified and may not have municipal contributions to apply for additional funding through upper levels of government.</p> <p>The breakdown of fees are as follows:</p> <table border="0"> <tr> <td>Professional Fees and Construction (2023-2028)</td> <td>\$57,310,100 *</td> </tr> <tr> <td>Internal Salaries (2023-2029)</td> <td>\$1,286,969</td> </tr> <tr> <td>Ongoing Capital (2029-2033)</td> <td>\$1,250,000</td> </tr> <tr> <td>Total (not including other financing costs)</td> <td>\$59,847,069</td> </tr> <tr> <td colspan="2">Less:</td> </tr> <tr> <td>2022 HCS-001-22 Professional Fees</td> <td>\$200,000</td> </tr> <tr> <td>Funding Identified Below</td> <td>\$20,500,000</td> </tr> <tr> <td>Remaining Net Amount To be Funded</td> <td>\$39,147,069</td> </tr> </table> <p>*Approximate costs (not including other financing costs), subject to final procurement and acquisition of lands</p> <p>• Note: Costs detailed above are for total estimated gross cost (not including other financing costs). Municipal contribution requirements would be reduced through securing additional capital funding from other sources.</p>		Professional Fees and Construction (2023-2028)	\$57,310,100 *	Internal Salaries (2023-2029)	\$1,286,969	Ongoing Capital (2029-2033)	\$1,250,000	Total (not including other financing costs)	\$59,847,069	Less:		2022 HCS-001-22 Professional Fees	\$200,000	Funding Identified Below	\$20,500,000	Remaining Net Amount To be Funded	\$39,147,069
Professional Fees and Construction (2023-2028)	\$57,310,100 *																
Internal Salaries (2023-2029)	\$1,286,969																
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Less:																	
2022 HCS-001-22 Professional Fees	\$200,000																
Funding Identified Below	\$20,500,000																
Remaining Net Amount To be Funded	\$39,147,069																
Project Comments/Reference	Version Comments																
7221048	<p>COMMITMENTS</p> <p>IN-CAMERA CR189/2023: 2026 F221 \$5,081,916 2027 F221 \$4,918,084</p>																

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	0	0	5,081,916	5,718,084	8,690,938	509,062	0	0	250,000	250,000	20,500,000
Total		0	0	5,081,916	5,718,084	8,690,938	509,062	0	0	250,000	250,000	20,500,000
Revenues												
169	Pay As You Go - Capital Reserve	0	0	0	800,000	8,690,938	509,062	0	0	250,000	250,000	10,500,000
221	Service Sustainability Investm	0	0	0	0	0	0	0	0	0	0	0
221CF	Committed Funding	0	0	5,081,916	4,918,084	0	0	0	0	0	0	10,000,000
Total		0	0	5,081,916	5,718,084	8,690,938	509,062	0	0	250,000	250,000	20,500,000
Related Projects			Historical Approved Budget				Operating Budget Impact					
Year Identified	Start Date	Project Type for 2024			Project Lead			Est. Completion Date				
2023		Growth: 0.0 % Maintenance: 0.0 %			Kirk Whittal			TBD`				



Project Version Summary

Project #	HCS-002-23	Service Area	Human & Health Services
Budget Year	2024	Department	Housing & Children's Services
Asset Type	Unassigned	Division	Housing Services
Title	Windsor Essex Community Housing Corporation Capital Improvements		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Agencies, Boards and Committees (ABC's)		
Wards			
Version Name	Main (Active)		

Project Description

This capital project has been established to track the on-going portion of funding related to capital repairs for Windsor Essex Community Housing Corporation (CHC). The funds received are part of the Council approved Operating Budget on a yearly basis. In addition, approved requests for additional capital repair funding periodically submitted by CHC will form part of this Capital Project.

Version Description

As part of the City of Windsor's Operating Budget, CHC currently receives approximately \$3.2 million annually for capital projects and infrastructure upgrades for the Public Housing and Non-Profit Family Housing portfolios. CHC's Public Housing portfolio is aging and over a number of years, capital budget requests for additional funding related to capital repairs have been submitted to the City for approval. As part of the approval of CHC's application under the Canada Mortgage and Housing Corporation (CMHC) – Co-Investment Fund – Repair and Renewal Stream (Project # - HCS-001-14), the yearly approved amount of \$ 3.2 million has been committed until 2028. Effective 2029 this base budget funding will be included in this new capital project.

CHC has estimated that post 2028, when the Co-Investment Project (Repair & Renewal – HCS-001-14) is complete in 2028, the annual cost to maintain the stock at a 10% FCI would be approximately \$20 million annually. At the Finance review stage, the Housing Services Department has been approved for funding of \$2,558,957 in additional to the \$ 3.2 million approved for capital repairs on a yearly basis (total \$ 5,758,957 gross - \$ 3,694,883 net City).

Project Comments/Reference

Version Comments

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
4565 Capital Grants	0	0	0	0	0	3,200,000	3,200,000	3,200,000	3,200,000	5,758,957	18,558,957
Total	0	0	0	0	0	3,200,000	3,200,000	3,200,000	3,200,000	5,758,957	18,558,957
Revenues											
221 Service Sustainability Investm	0	0	0	0	0	0	0	0	0	1,641,799	1,641,799
6340 Net County Cost	0	0	0	0	0	1,146,916	1,146,916	1,146,916	1,146,916	2,064,074	6,651,738
7058 TRANSFER From Reserve Account	0	0	0	0	0	2,053,084	2,053,084	2,053,084	2,053,084	2,053,084	10,265,420
Total	0	0	0	0	0	3,200,000	3,200,000	3,200,000	3,200,000	5,758,957	18,558,957

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2023		Growth: 0.0 % Maintenance: 0.0 %	Kirk Whittal / Diane Wilson	Ongoing`



Project Version Summary

Project #	HLD-001-11	Service Area	Human & Health Services
Budget Year	2024	Department	Huron Lodge
Asset Type	Unassigned	Division	Nursing & Personal Care
Title	Huron Lodge Point of Care Technology Implementation and upgrades including Wireless and Wired Care		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Technology		
Wards	Ward 1		
Version Name	Main (Active)		

Project Description	
<p>-To install wireless technology throughout the home and implement wireless/wired 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 and wired computerized equipment for point of care (POC) entry as well as the mounting hardware required.</p>	
Version Description	
<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. Huron Lodge chooses to use the funds for technology in the home to support resident care. This includes medication safety technology, point of care technology, all softwares and hardwares for resident care. At the time of implementing any technology, should access points, electrical, or building envelope repairs, replacements or upgrades be required, this project may fund those costs.</p> <p>Funding from Medical Pharmacies Group is \$60,000 annually and deposited into this project.</p> <p>This project may be used for the purchase of tablets for Point of care Heavy Workload Temporary Staff Dollars for Implementation Oversight, Business Process Development, Training, Project Management</p> <p>2027- Equipment replacement estimated life 7 years 2031- Software / Upgrade Replacement includes software implementation costs, training, and heavy workload staff oversight and business process development, project management 2035 - Equipment and Software replacement estimated life 7 years</p> <p>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 and updated wired technology throughout the home.</p>	
Project Comments/Reference	Version Comments
7135002	

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
2980	Contracted Services	0	0	0	0	0	0	0	500,000	0	0	500,000
5125	Computers - PCs	0	0	0	100,000	0	0	0	0	0	0	100,000
Total		0	0	0	100,000	0	0	0	500,000	0	0	600,000
Revenues												
221	Service Sustainability Investm	0	0	0	100,000	0	0	0	500,000	0	0	600,000
Total		0	0	0	100,000	0	0	0	500,000	0	0	600,000
Related Projects		Historical Approved Budget				Operating Budget Impact						
				Revenue				Effective Date Unknown		Exp/(Rev) FTE Impact		
		<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>					0	0	
		2019	78,000	78,000	0							
		2023	100,000	100,000	0							
						Description Equipment Maintenance (Annual) Additional Licensing Fees for POC option (Annual) Software License, Maintenance, Database Hosting Fee (Annual)- CAO Report 3660. WIFI I.T. maintenance fee (Annual) access points I.T. annual maintenance fee \$480 X 42 tablets						
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date						
2011	January 1, 2017	Growth: 0.0 % Maintenance: 0.0 %		Lauren Meyer		Ongoing`						



Project Version Summary

Project #	HLD-001-12	Service Area	Human & Health Services
Budget Year	2024	Department	Huron Lodge
Asset Type	Unassigned	Division	Nursing & Personal Care
Title	Huron Lodge Nursing Equipment Replacement Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	Ward 1		
Version Name	Main (Active)		

Project 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).

Based on discussions with the supplier and manufacturer's recommendation, this equipment will soon need to be replaced. Most of this equipment is already 10 years old with a life expectancy of 10 - 15 years.

Version Description

More resident's require high acuity care with more challenging medical conditions and decreased mobility that require frequent support from staff and the use of this equipment. Thus, more equipment units are required for staff to provide direct care and an increased usage of each unit may lead to replacement sooner than the life expectancy.

Floor Lift replacement program (8-10 years - life expectancy)

Alenti/Miranti bath/Tornado/shower chair replacement program - (8-10 years - life expectancy)

Shower/ Tub replacement and necessary surrounding building envelope upgrades to the spa room which are required in order to retrofit the new equipment. this may include but not be limited to plumbing, tiling repair.

Equipment within the soiled utility rooms - including hoppers and bed pan washers.

Equipment within the storage room.

Project Comments/Reference	Version Comments
7199000	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5110	Machinery & Equipment - TCA	50,000	50,000	75,000	75,000	200,000	200,000	200,000	200,000	85,000	260,000	1,395,000
	Total	50,000	50,000	75,000	75,000	200,000	200,000	200,000	200,000	85,000	260,000	1,395,000
Revenues												
221	Service Sustainability Investm	50,000	50,000	75,000	75,000	200,000	200,000	200,000	200,000	85,000	260,000	1,395,000
	Total	50,000	50,000	75,000	75,000	200,000	200,000	200,000	200,000	85,000	260,000	1,395,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2019	150,000	150,000	0				
		2020	150,000	150,000	0				
		2021	150,000	150,000	0				
		2022	450,000	450,000	0				
		2023	50,000	50,000	0				
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date			
2012	January 1, 2019	Growth: 0.0 % Maintenance: 100.0 %		Lauren Meyer		Ongoing`			



Project Version Summary

Project #	HLD-001-15	Service Area	Human & Health Services
Budget Year	2024	Department	Huron Lodge
Asset Type	Unassigned	Division	Nursing & Personal Care
Title	Huron Lodge Ceiling Mounted Resident Lift Replacement Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	Ward 1		
Version Name	Main (Active)		

Project 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).

Version Description

This project is for the replacement of the 199 ceiling lifts within Huron Lodge. This is a phased-in project to accommodate one resident home area per year at approximately \$110,000 for 32 lifts. The \$110,000 cost does not include the ceiling track but only the motor, battery, slings and labour. The cost is for ceiling lifts in the resident rooms. The ceiling tracks may be required to be replaced in future years. When required, analysis of the ceiling, building structure and track will be completed in conjunction with the facilities department and any additional funds required may be funded from this replacement program if available.

The ceiling lifts located in the tub rooms will be replaced when the showers and tubs are replaced as part of HLD-001-12 (HL nursing equipment replacement program). Depending on the new tub, the lift associated with the tub may vary and any building envelope upgrades or repairs required in order to retrofit the new equipment may be funded from the project.

Project Comments/Reference	Version Comments
7199001	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5110	Machinery & Equipment - TCA	100,000	110,000	120,000	120,000	110,000	0	0	115,000	115,000	100,000	890,000
	Total	100,000	110,000	120,000	120,000	110,000	0	0	115,000	115,000	100,000	890,000
Revenues												
221	Service Sustainability Investm	100,000	110,000	120,000	120,000	110,000	0	0	115,000	115,000	100,000	890,000
	Total	100,000	110,000	120,000	120,000	110,000	0	0	115,000	115,000	100,000	890,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2019	115,000	115,000	0				
		2020	200,000	200,000	0				
		2021	200,000	200,000	0				
		2022	100,000	100,000	0				
		2023	100,000	100,000	0				
					No Operating Budget Impact				
Year Identified	Start Date	Project Type for 2024	Project Lead		Est. Completion Date				
2015	January 1, 2019	Growth: 0.0 % Maintenance: 100.0 %	Lauren Meyer		Ongoing`				



Project Version Summary

Project #	HLD-002-15	Service Area	Human & Health Services
Budget Year	2024	Department	Huron Lodge
Asset Type	Unassigned	Division	Nursing & Personal Care
Title	Huron Lodge Resident Monitoring & Nurse Bedside Call System		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Technology		
Wards	Ward 1		
Version Name	Main (Active)		

Project 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.

Version Description

The current Watchmate and call bell system requires updates. This project includes parts and labour and software and hardware required to support the Nurse Call Bell system and the watchmate system.

This project also includes the implementation of a 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, Watchmate secured. Updates allow for fundamental communication components in responding to resident needs.

2025-2027- Equipment, Hardware and Software expenses related to upkeep of home safety and security including but not limited to any modifications to doors inside or outside to complement the Watchmate and call bell system care.
 2029-Complete Replacement or Major upgrade depending on technological changes
 As resident population changes with increased dementia introduction of new technology to support safety of residents will be implemented.
 Any repairs / upgrades replacement to the building envelope may be funded from this project should funds be available.

Project Comments/Reference	Version Comments
7191032 CLOSED: 7163001	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5110	Machinery & Equipment - TCA	0	25,000	20,000	20,000	0	120,000	0	20,000	20,000	300,000	525,000
	Total	0	25,000	20,000	20,000	0	120,000	0	20,000	20,000	300,000	525,000
Revenues												
221	Service Sustainability Investm	0	25,000	20,000	20,000	0	120,000	0	20,000	20,000	300,000	525,000
	Total	0	25,000	20,000	20,000	0	120,000	0	20,000	20,000	300,000	525,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2018	100,000	100,000	0				
		2019	25,000	25,000	0				
		2021	20,000	20,000	0				
					No Operating Budget Impact				
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date					
2015	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Lauren Meyer	Ongoing`					



Project Version Summary

Project #	HLD-001-17	Service Area	Human & Health Services
Budget Year	2024	Department	Huron Lodge
Asset Type	Unassigned	Division	Nutrition & Dietary Services
Title	Huron Lodge Dietary Servery and Cafe Updates and Equipment Replacement		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	Ward 1		
Version Name	Main (Active)		

Project Description

Huron Lodge has 7 server/pantry areas 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.

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. It is estimated at this time that each servery including its equipment will require updating. Wear and tear is already prevalent with the countertops chipping and are susceptible to mold.

The café is located on the main floor and will also require equipment pieces / minor updates such as countertops to be prioritized.

Version Description

The following equipment/updates are required to be replaced when the server/pantry/cafe is updated. Equipment in these areas includes but is not limited to Microwave, steam table, cold table, rotary toaster, multiple use oven, ice machines, garburator, hot water dispenser, small dishmachine, various food carts, stainless steel countertop installation. This project may include necessary surrounding building envelope upgrades to the area which are required in order to retrofit the new equipment which may include but not limited to plumbing, electrical, wall repair/protection, flooring.

Project Comments/Reference	Version Comments
7219017	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5111	Machinery & Equipment -Non TCA	35,000	35,000	50,000	50,000	40,000	0	50,000	50,000	0	0	310,000
	Total	35,000	35,000	50,000	50,000	40,000	0	50,000	50,000	0	0	310,000
Revenues												
221	Service Sustainability Investm	35,000	35,000	50,000	50,000	40,000	0	50,000	50,000	0	0	310,000
	Total	35,000	35,000	50,000	50,000	40,000	0	50,000	50,000	0	0	310,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2021	35,000	35,000	0				
		2022	35,000	35,000	0				
		2023	35,000	35,000	0				
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date				
2017	January 1, 2021	Growth: 0.0 % Maintenance: 100.0 %		Cathy Harris	Ongoing`				



Project Version Summary

Project #	HLD-002-12	Service Area	Human & Health Services
Budget Year	2024	Department	Huron Lodge
Asset Type	Unassigned	Division	Nutrition & Dietary Services
Title	Huron Lodge Cooking and Food Preparation Equipment Replacement Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	Ward 1		
Version Name	Main (Active)		

Project 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.

Version Description
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. Smallwares equipment such as smaller ovens, steamers, food preparation equipment, heating, food waste disposal processes, shelving and steam tables, have a life span of 8 – 10 years.

Project Comments/Reference	Version Comments
7183003	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5111 Machinery & Equipment -Non TCA	0	42,000	45,000	45,000	0	0	50,000	50,000	100,000	0	332,000
Total	0	42,000	45,000	45,000	0	0	50,000	50,000	100,000	0	332,000
Revenues											
221 Service Sustainability Investm	0	42,000	45,000	45,000	0	0	50,000	50,000	100,000	0	332,000
Total	0	42,000	45,000	45,000	0	0	50,000	50,000	100,000	0	332,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2018	40,000	40,000	0				
		2019	40,000	40,000	0				
		2021	40,000	40,000	0				
		2022	40,000	40,000	0				
		2023	40,000	40,000	0				
					No Operating Budget Impact				
Year Identified	Start Date	Project Type for 2024	Project Lead		Est. Completion Date				
2012	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %	Cathy Harris		Ongoing`				



Project Version Summary

Project #	HLD-003-15	Service Area	Human & Health Services
Budget Year	2024	Department	Huron Lodge
Asset Type	Unassigned	Division	Nutrition & Dietary Services
Title	Huron Lodge Dish Machines and Industrial Kitchen Equipment		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	Ward 1		
Version Name	Main (Active)		

Project 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.

Version Description
To establish a project for the replacement of the dish machines and industrial kitchen equipment at Huron Lodge. This equipment has a life span of 8 - 10 years. Some equipment pieces were moved from the old building in 2007 and are still in working order but could fail at any time. Included in this project is the replacement of all kitchen industrial equipment / industrial storage units in the main kitchen. Equipment includes but not limited to hot carts, steamers, garburators, turbo wash pot/pan sink, ovens and hot tops and costs for plumbing/electrical during installation to be included.

Project Comments/Reference	Version Comments
7183001	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5111 Machinery & Equipment -Non TCA	0	50,000	50,000	50,000	110,000	70,000	100,000	100,000	0	100,000	630,000
Total	0	50,000	50,000	50,000	110,000	70,000	100,000	100,000	0	100,000	630,000
Revenues											
221 Service Sustainability Investm	0	50,000	50,000	50,000	110,000	70,000	100,000	100,000	0	100,000	630,000
Total	0	50,000	50,000	50,000	110,000	70,000	100,000	100,000	0	100,000	630,000

Related Projects	Historical Approved Budget				Operating Budget Impact		
	Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev) FTE Impact
			Net City Cost	Subsidies	Description		0 0
	2018	80,000	80,000	0	No Operating Budget Impact		
	2019	95,000	95,000	0			
	2021	110,000	110,000	0			
	2023	40,000	40,000	0			

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2015	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %	Cathy Harris	Ongoing`



Project Version Summary

Project #	HLD-004-15	Service Area	Human & Health Services
Budget Year	2024	Department	Huron Lodge
Asset Type	Unassigned	Division	Nutrition & Dietary Services
Title	Huron Lodge Refrigeration and Freezer Equipment Replacement		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	Ward 1		
Version Name	Main (Active)		

Project 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.
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Version Description	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 (17 reach in refrigeration units, 6 reach in freezer 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.
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Project Comments/Reference	Version Comments
7183002	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5111 Machinery & Equipment -Non TCA	0	0	175,000	100,000	0	0	250,000	250,000	0	75,000	850,000
Total	0	0	175,000	100,000	0	0	250,000	250,000	0	75,000	850,000
Revenues											
221 Service Sustainability Investm	0	0	175,000	100,000	0	0	250,000	250,000	0	75,000	850,000
Total	0	0	175,000	100,000	0	0	250,000	250,000	0	75,000	850,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2018	80,000	80,000	0				
		2022	175,000	175,000	0				
					No Operating Budget Impact				
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date					
2015	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %	Cathy Harris	Ongoing`					



Project Version Summary

Project #	HLD-006-15	Service Area	Human & Health Services
Budget Year	2024	Department	Huron Lodge
Asset Type	Unassigned	Division	Nutrition & Dietary Services
Title	Huron Lodge Dietary Management System Maintenance		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Technology		
Wards	Ward 1		
Version Name	Main (Active)		

Project 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.

Version Description
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. Hardware (ie: screens, keyboards) for each dietary server, kitchen, diet offices; Software to allow for point of care for dietary needs, possible wiring WIFI connection updates; backfill for training and possible temporary dollars for heavy workload staff member

Project Comments/Reference	Version Comments
7199002	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5110 Machinery & Equipment - TCA	0	35,000	0	70,000	0	0	0	50,000	60,000	0	215,000
Total	0	35,000	0	70,000	0	0	0	50,000	60,000	0	215,000
Revenues											
221 Service Sustainability Investm	0	35,000	0	70,000	0	0	0	50,000	60,000	0	215,000
Total	0	35,000	0	70,000	0	0	0	50,000	60,000	0	215,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2019	65,000	65,000	0				
		2022	75,000	75,000	0				
		2023	105,000	105,000	0				
Year Identified	Start Date	Project Type for 2024	Project Lead		Est. Completion Date				
2015	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Cathy Harris		Ongoing`				



Project Version Summary

Project #	HLD-001-13	Service Area	Human & Health Services
Budget Year	2024	Department	Huron Lodge
Asset Type	Unassigned	Division	Program Services
Title	Huron Lodge Beds/Mattresses/Furniture Replacement Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	Ward 1		
Version Name	Main (Active)		

Project 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.

Version Description
 A replacement program for the beds, mattresses including air mattresses along with mandatory utilitarian furniture require replacement due to age (10+ years) and wear and breakdown from cleaning chemicals. Air mattresses have a shorter lifespan of approximately 5 years, depending on their usage. Resident Room Furniture includes beds, mattresses, bedside tables, dressers, chairs, blinds, window coverings, closet fixtures, doors and shelving. Common home area furniture for dining, lounge and activity areas include furniture such as couches, chairs, tables. Due to resident mobility and health decline, more accessible type furniture and air mattresses are required to be considered for replacement which may pose a higher cost than the existing furniture and mattresses purchased in the past. This project includes the removal of old furniture, resident personal belongings, freight, assembly and staging costs. Should there be repairs/replacement to the building envelope as a result of any beds/mattress/furniture changes, the costs may be included in this project.

2024-2026 all common areas such as lounges and dining areas in all 7 resident home areas and main floor lounge/auditorium/café dining including accessible type furniture
 2028-2031 complete home replacement of all furniture (accessible) including freight, assembly, staging costs (removing old furniture, resident personal belongings to be moved etc)
 2032-2033 replacement of beds and accessible furniture due to new technology and expected resident further decline. Most often, resident falls and injuries occur while moving to and from beds.

Project Comments/Reference	Version Comments
7189013	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account Expenses												
5130	Furniture & Furnishings	100,000	100,000	200,000	200,000	0	300,000	200,000	100,000	400,000	175,000	1,775,000
	Total	100,000	100,000	200,000	200,000	0	300,000	200,000	100,000	400,000	175,000	1,775,000
Revenues												
221	Service Sustainability Investm	100,000	100,000	200,000	200,000	0	300,000	200,000	100,000	400,000	175,000	1,775,000
	Total	100,000	100,000	200,000	200,000	0	300,000	200,000	100,000	400,000	175,000	1,775,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2019	272,400	250,000	22,400				
		2020	100,000	100,000	0				
		2021	100,000	100,000	0				
		2022	122,404	100,000	22,404				
		2023	100,000	100,000	0				
		No Operating Budget Impact							
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date					
2013	January 1, 2019	Growth: 0.0 % Maintenance: 100.0 %	Tanya Shreve	Ongoing`					



Project Version Summary

Project #	HLD-002-17	Service Area	Human & Health Services
Budget Year	2024	Department	Huron Lodge
Asset Type	Unassigned	Division	Resident Services
Title	Huron Lodge Resident Services Equipment Replacement		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	Ward 1		
Version Name	Main (Active)		

Project Description

Establish an equipment replacement program for the Resident Services Division of Huron Lodge that addresses risk management, enriched quality of life, Psycho-social, Physiotherapy and Group Exercise programs, and improved delivery of resident programs.

Version Description

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.

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. Equipment, Furniture and activity areas must be appropriate and accessible to all residents, as more residents have decreased motor functions using wheelchairs and motorized chairs has increased dramatically over the years.

- \$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 including accessible furniture
 - \$10,000 - Snoozelen Equipment
 - \$5,000 - Celebration Dining Room Furniture including accessible
 - \$45,000 - Physio and Exercise Room Equipment
 - \$50,000 - Shade Structure for Outdoor Equipment
 - \$40,000 - Interactive Equipment (It's Never2Late or equivalent) Replacement - \$10,000 each and software upgrades
 - \$25,000 Kitchenette located in the RHA with accessible capabilities
 - \$40,000 Introduction of Dementia Chrysalis Project
 - \$60,000 Expansion of Chrysalis Project to other home areas
 - Heavy workload social worker and/or activity aide to implement Chrysalis in the home
 - Outdoor area upgrades including furniture (accessible) for balconies, and courtyard area program equipment/accessible furniture/Awnings/concrete
- This project may include any building envelope requirements as a result of implementing any of the items listed above which may include but not be limited to electrical, plumbing, concrete.

Project Comments/Reference	Version Comments
7219000	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5111 Machinery & Equipment -Non TCA	0	0	40,000	150,000	0	0	40,000	60,000	150,000	0	440,000
Total	0	0	40,000	150,000	0	0	40,000	60,000	150,000	0	440,000
Revenues											
221 Service Sustainability Investm	0	0	40,000	150,000	0	0	40,000	60,000	150,000	0	440,000
Total	0	0	40,000	150,000	0	0	40,000	60,000	150,000	0	440,000

Related Projects	Historical Approved Budget				Operating Budget Impact			
			Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
	Year	Total Expense	Net City Cost	Subsidies	Description		0	0
	2021	124,500	124,500	0	No Operating Budget Impact			
	2022	50,000	50,000	0				

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2017	January 1, 2021	Growth: 0.0 % Maintenance: 0.0 %	Amanda Caslick	Ongoing`



2024 Recommended Capital Budget

Office of the Commissioner of Infrastructure Services and City Engineer



Project Version Summary

Project #	ECP-010-09	Service Area	Agencies, Boards & Committees
Budget Year	2024	Department	Windsor Airport
Asset Type	Unassigned	Division	Windsor-Airport
Title	Airport Various Asset Replacement/Refurbishment/Upgrades		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Agencies, Boards and Committees (ABC's)		
Wards	Ward 9		
Version Name	Main (Active)		

Project Description	
<p>YQG has a number of projects involving capital improvements and fleet / equipment. All of the assets at YQG are owned by the City of Windsor.</p> <p>The COVID-19 Pandemic has had a significant financial impact on all airports, including YQG. As such, City funding to sustain and maintain the assets owned by the Corporation is necessary.</p> <p>As per agreements and past practice, YQG, in concert with the Airport Coordinating Committee, continue to reprioritize projects to ensure health and safety of travelling public.</p> <p>See attached letter from YQG outlining capital plan.</p>	
Version Description	
<p>YQG has identified the need for \$4.2M in funds for 2024 to undertake the following work:</p> <ul style="list-style-type: none"> - Rehabilitation of Storage Garage - Reconstruction of Hayes Road - Operations Building Fuel Tank/Pump Upgrades - Control Tower HVAC Upgrades/Replacement - Car Rental Lot Security Fencing and Access Control - Airport Security System Upgrades/Replacement -Terminal Security Lock Replacement - Replacement of Fire Truck (ACAP) - Replacement of Runway Sweeper (ACAP) <p>Through existing project surpluses and reprioritizing various preapproved projects, a total of \$557,384 was reallocated to partially fund these priorities, further \$925,000 is anticipated in ACAP funding. The remaining balance of \$2,442,616 required to undertake the full list of works is not currently funded in the 10-year plan.</p> <p>As per agreements and past practice, YQG, in concert with the Airport Coordinating Committee, will determine the priority of projects to leverage available funding.</p> <p>Administration will continue to pursue opportunities for grant funding</p>	
Project Comments/Reference	Version Comments
7141054 7141055	<p>Note: As part of this Capital Budget submission, Administration is requesting approval to transfer funding between each of Airport funded project ids within PeopleSoft.</p>

Project Detailed Forecast													
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total	
Expenses													
5410	Construction Contracts - TCA	275,000	1,000,000	1,000,000	2,500,000	0	0	0	115,000	130,000	500,000	5,520,000	
Total		275,000	1,000,000	1,000,000	2,500,000	0	0	0	115,000	130,000	500,000	5,520,000	
Revenues													
169	Pay As You Go - Capital Reserve	275,000	1,000,000	1,000,000	2,500,000	0	0	0	115,000	130,000	500,000	5,520,000	
6560	Dividends	0	0	0	0	0	0	0	0	0	0	0	
Total		275,000	1,000,000	1,000,000	2,500,000	0	0	0	115,000	130,000	500,000	5,520,000	
Related Projects		Historical Approved Budget				Operating Budget Impact							
Precedes						Revenue		Effective Date		Unknown		Exp/(Rev) FTE Impact	
ECP-046-07		Year	Total Expense	Net City Cost	Subsidies	Description						0	0
Project Title		2016	160,000	160,000	0	These works are all related to replacement and refurbishment of existing equipment and are expected to result in decreased maintenance costs.							
Airport Drainage and Pavement Improvements		2017	460,000	460,000	0								
		2018	650,000	159,000	491,000								
		2019	4,811,000	0	4,811,000								
		2020	2,900,000	0	2,900,000								
		2022	1,173,000	1,173,000	0								
		2023	42,000	42,000	0								
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date							
2009	January 1, 2016	Growth: 0.0 % Maintenance: 100.0 %		Colleen Middaugh		Ongoing`							

September 19, 2023

VIA EMAIL

Mr. Joseph Mancina
Chief Administrative Officer – Corporation of the City of Windsor
350 City Hall Square East
Windsor, Ontario
N9A 6S1

RE: 2024 Capital Budget Plan

Dear Mr. Mancina:

Your Quick Gateway Inc. ('YQG') hereby requests your consideration for the funding of the 2024 Capital Budget for the Windsor International Airport. The Capital funding is requested to protect airport infrastructure and sustain airport operations in compliance with ongoing Federal, Provincial and Municipal regulatory and legal requirements. Also included is a 10-year Capital Improvement Plan, which was requested by the City as the City prepares to include the Windsor International Airport within their Asset Management Plan.

Airport Operations

Section 6.4 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.

2024 Capital Budget

YQG has prepared the 2024-2034 Capital plan (attached). The 2024 recommended projects are outlined in the attachment, and represent a total spend level of \$4,200,000.

For years 2024 through 2034, a number of projects are outlined, subject to revisions and/or any additional requirements from Transport Canada. Also noted in the attached are those projects for which ACAP federal funding may be available. YQG, in collaboration with the City, will apply for all applicable funding programs to lessen the financial capital burden.

Thank you for your consideration of the above.

Sincerely,

YOUR QUICK GATEWAY (WINDSOR) INC.

A handwritten signature in blue ink, appearing to read 'M. Galvin', is positioned above the printed name and title.

Mark Galvin
President and Chief Executive Officer

c. Mayor Drew Dilkens, Chairperson of the Board of YQG Inc.

YQG Capital Budget 2024-2034

Capital Improvements	Short Term		Medium Term				Long Term				
	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Rehabilitation of storage garage siding, roof and doors	35,000										
Reconstruction of Hayes	1,500,000										
Update Refueling Tanks and Pumps at Operations Building	130,000										
Replace the air handling unit serving the 3rd floor and control tower (HVAC 3&4)	80,000										
Airport Fencing and Controlled Access for Car Rental Lot	30,000										
Painting of Operations Centre Building		55,000									
Design and Rehab of Alpha Taxiway		300,000									
Rehabilitation of Donolon Way and Echo Taxiway		400,000									
Design, Engineering of 07-25 including HV cables, lighting and PAPI's		320,000									
Delta Taxi-Way Rehabilitation		300,000									
Air handling units for ATB main floor (HVAC 1)		40,000									
ATB improvements and Expansion - prelim design		300,000				10,000,000					
Rehabilitation of pavement and LED lighting upgrades of Runway 07-25 (ACAP)			13,210,000								
Design of taxiway and future GA Development			50,000								
Renovations and Addition to the Operations Centre Building			450,000								
Replacement of Sand Storage building (ACAP)			500,000								
ATB Long Term Parking Repave			175,000								
Pre-Board improvements				807,136							
New Taxi Way Construction - Front Ending				1,000,000							
Apron 3 Rehabilitation - (ACAP)								2,000,000			
Expansion of Apron 3									2,400,000		
Future Capital Requirements Placeholder										500,000	500,000
Fleet and Equipment											
Upgrade and replace airport security system	525,000										
Phase 1 Security Locks	50,000										
Replacement of 1995 Fire Truck (\$1.5M) ACAP	1,500,000										
Runway Sweeper (14 foot) replacement #1 (350,000) ACAP	350,000										
Replace 2012 pick up - Staff 27		65,000									
Replace 2006 Pickup - Staff 29		65,000									
Replace Wildlife Vehicle		60,000									
Replace 2000 Single Axle Dump Truck with Reversible Snow Blade		325,000									
Replacement of 1998 Tandem Axle Dump / Plow Truck		275,000									
Replacement of 1986 Sander De-icer Truck		325,000									
Replacement of Emergency power generator and engine		300,000									
Replacement of Mid Sized landscape tractor and implements - Replace 1995 Tractor			95,000								
RTV for Ramp			15,000								
Purchase Loader Mounted Snow Blower				350,000							
Replace Parking Shelters				400,000							
Baggage Delivery Vehicle						50,000					
Runway Sweeper (14 foot) replacement #2 (\$350,000) ACAP									350,000		
Replacement of 2012 Fire Truck (1.5M) ACAP									1,500,000		
Replacement of the International Baggage Conveyor										700,000	
Airfield Snow blower Replacement - ACAP										300,000	
Total Annual Capital Requirements	4,200,000	3,130,000	14,495,000	2,557,136	-	10,050,000	-	2,000,000	4,250,000	1,500,000	500,000
Funding Source											
ACAP Funding Pending	925,000	6,605,000	250,000					1,000,000	925,000	150,000	1,075,000
Previous Year City Capital Funding	557,384										
New City Capital Funding	275,000	1,000,000	1,000,000	2,500,000						500,000	500,000
Total Funding Available	1,757,384	7,605,000	1,250,000	2,500,000	-	-	-	1,000,000	925,000	650,000	1,575,000
Funding Shortfall	(2,442,616)	4,475,000	(13,245,000)	(57,136)	-	(10,050,000)	-	(1,000,000)	(3,325,000)	(850,000)	1,075,000
Cumulative shortfall	(2,442,616)	2,032,384	(11,212,616)	(11,269,752)	(11,269,752)	(21,319,752)	(21,319,752)	(22,319,752)	(25,644,752)	(26,494,752)	(25,419,752)



Project Version Summary

Project #	ECP-046-07	Service Area	Agencies, Boards & Committees
Budget Year	2024	Department	Windsor Airport
Asset Type	Unassigned	Division	Windsor-Airport
Title	Airport Drainage and Pavement Improvements		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Agencies, Boards and Committees (ABC's)		
Wards	Ward 9		
Version Name	Main (Active)		

Project Description
 YQG has several drainage and pavement related improvements which are being actioned on an ongoing basis.

Version Description
 As per agreements and past practice, YQG, in concert with the Airport Coordinating Committee, will determine the priority of projects to leverage available funding.

Project Comments/Reference	Version Comments
7141054 Drainage/Pavement Improv. Closed: 7059011 7111009	As part of this Capital Budget submission, Administration is requesting approval to transfer funding between each of Airport funded project IDs within PeopleSoft.

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	0	1,450,000	100,000	100,000	100,000	100,000	100,000	150,000	500,000	2,600,000
Total	0	0	1,450,000	100,000	100,000	100,000	100,000	100,000	150,000	500,000	2,600,000
Revenues											
028 Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0
153 Sewer Surcharge	0	0	1,350,000	0	0	0	0	0	50,000	50,000	1,450,000
169 Pay As You Go - Capital Reserve	0	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	450,000	1,150,000
Total	0	0	1,450,000	100,000	100,000	100,000	100,000	100,000	150,000	500,000	2,600,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
Follows		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
ECP-010-09				Net City Cost	Subsidies				
Project Title		2009	250,000	250,000	0	These works are all related to rehabilitation and repair of existing Airport facilities and are expected to result in decreased operating costs, going forward.			
Airport Various Asset Replacement/Refurbishment/U pgrades		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				
		2018	140,000	140,000	0				
		2019	345,000	345,000	0				
		2020	380,000	380,000	0				
		2021	380,000	380,000	0				
		2022	300,000	300,000	0				
		2023	195,000	195,000	0				
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date				
2007	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %		Colleen Middaugh	Ongoing`				

September 19, 2023

VIA EMAIL

Mr. Joseph Mancina
Chief Administrative Officer – Corporation of the City of Windsor
350 City Hall Square East
Windsor, Ontario
N9A 6S1

RE: 2024 Capital Budget Plan

Dear Mr. Mancina:

Your Quick Gateway Inc. ('YQG') hereby requests your consideration for the funding of the 2024 Capital Budget for the Windsor International Airport. The Capital funding is requested to protect airport infrastructure and sustain airport operations in compliance with ongoing Federal, Provincial and Municipal regulatory and legal requirements. Also included is a 10-year Capital Improvement Plan, which was requested by the City as the City prepares to include the Windsor International Airport within their Asset Management Plan.

Airport Operations

Section 6.4 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.

2024 Capital Budget

YQG has prepared the 2024-2034 Capital plan (attached). The 2024 recommended projects are outlined in the attachment, and represent a total spend level of \$4,200,000.

For years 2024 through 2034, a number of projects are outlined, subject to revisions and/or any additional requirements from Transport Canada. Also noted in the attached are those projects for which ACAP federal funding may be available. YQG, in collaboration with the City, will apply for all applicable funding programs to lessen the financial capital burden.

Thank you for your consideration of the above.

Sincerely,

YOUR QUICK GATEWAY (WINDSOR) INC.



Mark Galvin
President and Chief Executive Officer

c. Mayor Drew Dilkens, Chairperson of the Board of YQG Inc.

YQG Capital Budget 2024-2034

Capital Improvements	Short Term		Medium Term				Long Term				
	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Rehabilitation of storage garage siding, roof and doors	35,000										
Reconstruction of Hayes	1,500,000										
Update Refueling Tanks and Pumps at Operations Building	130,000										
Replace the air handling unit serving the 3rd floor and control tower (HVAC 3&4)	80,000										
Airport Fencing and Controlled Access for Car Rental Lot	30,000										
Painting of Operations Centre Building		55,000									
Design and Rehab of Alpha Taxiway		300,000									
Rehabilitation of Donolon Way and Echo Taxiway		400,000									
Design, Engineering of 07-25 including HV cables, lighting and PAPI's		320,000									
Delta Taxi-Way Rehabilitation		300,000									
Air handling units for ATB main floor (HVAC 1)		40,000									
ATB improvements and Expansion - prelim design		300,000				10,000,000					
Rehabilitation of pavement and LED lighting upgrades of Runway 07-25 (ACAP)			13,210,000								
Design of taxiway and future GA Development			50,000								
Renovations and Addition to the Operations Centre Building			450,000								
Replacement of Sand Storage building (ACAP)			500,000								
ATB Long Term Parking Repave			175,000								
Pre-Board improvements				807,136							
New Taxi Way Construction - Front Ending				1,000,000							
Apron 3 Rehabilitation - (ACAP)								2,000,000			
Expansion of Apron 3									2,400,000		
Future Capital Requirements Placeholder										500,000	500,000
Fleet and Equipment											
Upgrade and replace airport security system	525,000										
Phase 1 Security Locks	50,000										
Replacement of 1995 Fire Truck (\$1.5M) ACAP	1,500,000										
Runway Sweeper (14 foot) replacement #1 (350,000) ACAP	350,000										
Replace 2012 pick up - Staff 27		65,000									
Replace 2006 Pickup - Staff 29		65,000									
Replace Wildlife Vehicle		60,000									
Replace 2000 Single Axle Dump Truck with Reversible Snow Blade		325,000									
Replacement of 1998 Tandem Axle Dump / Plow Truck		275,000									
Replacement of 1986 Sander De-icer Truck		325,000									
Replacement of Emergency power generator and engine		300,000									
Replacement of Mid Sized landscape tractor and implements - Replace 1995 Tractor			95,000								
RTV for Ramp			15,000								
Purchase Loader Mounted Snow Blower				350,000							
Replace Parking Shelters				400,000							
Baggage Delivery Vehicle						50,000					
Runway Sweeper (14 foot) replacement #2 (\$350,000) ACAP									350,000		
Replacement of 2012 Fire Truck (1.5M) ACAP									1,500,000		
Replacement of the International Baggage Conveyor										700,000	
Airfield Snow blower Replacement - ACAP										300,000	
Total Annual Capital Requirements	4,200,000	3,130,000	14,495,000	2,557,136	-	10,050,000	-	2,000,000	4,250,000	1,500,000	500,000
Funding Source											
ACAP Funding Pending	925,000	6,605,000	250,000					1,000,000	925,000	150,000	1,075,000
Previous Year City Capital Funding	557,384										
New City Capital Funding	275,000	1,000,000	1,000,000	2,500,000						500,000	500,000
Total Funding Available	1,757,384	7,605,000	1,250,000	2,500,000	-	-	-	1,000,000	925,000	650,000	1,575,000
Funding Shortfall	(2,442,616)	4,475,000	(13,245,000)	(57,136)	-	(10,050,000)	-	(1,000,000)	(3,325,000)	(850,000)	1,075,000
Cumulative shortfall	(2,442,616)	2,032,384	(11,212,616)	(11,269,752)	(11,269,752)	(21,319,752)	(21,319,752)	(22,319,752)	(25,644,752)	(26,494,752)	(25,419,752)



Project Version Summary

Project #	ECP-009-08	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Corporate Projects
Title	Corporate Properties Site Assessments/Clean-ups/Demolitions		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

There are lands that the City has obtained (i.e. through tax arrears, etc.) 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.

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 neighboring property owners and residents. In order to mitigate the potential liability and facilitate disposition of the properties as appropriate, funding is sometimes required to minor repairs or demolish the existing structures.

This project also includes funding for vacant City-owned properties that require testing/demolition/clean-up.

Version Description

Various transitional properties require environmental evaluations prior to being sold, demolished or repurposed. These are being done on a priority basis. This project further includes the testing/demolition/clean-up of designated City-owned properties, should funds be available.

Project Comments/Reference	Version Comments
7081019	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	0	0	0	0	0	0	0	200,000	200,000	200,000	600,000
	Total	0	0	0	0	0	0	0	200,000	200,000	200,000	600,000
Revenues												
221	Service Sustainability Investm	0	0	0	0	0	0	0	200,000	200,000	200,000	600,000
	Total	0	0	0	0	0	0	0	200,000	200,000	200,000	600,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				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				
		2020	200,000	200,000	0				
		2021	200,000	200,000	0				
		2022	200,000	200,000	0				
					No Operating Budget Impact				
Year Identified	Start Date	Project Type for 2024	Project Lead		Est. Completion Date				
2008	January 1, 2008	Growth: 0.0 % Maintenance: 0.0 %	Colleen Middaugh		Ongoing`				



Project Version Summary

Project #	ENG-001-23	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Corporate Projects
Title	Central Library		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	Ward 3		
Version Name	Main (Active)		

Project Description	Preliminary funding for a potential new Central Library.										
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Version Description											
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Project Comments/Reference						Version Comments					
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Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	1,619,775	2,736,008	104,217	0	0	0	0	680,000	0	5,140,000
Total	0	1,619,775	2,736,008	104,217	0	0	0	0	680,000	0	5,140,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	680,000	0	680,000
221 Service Sustainability Investm	0	1,619,775	2,736,008	104,217	0	0	0	0	0	0	4,460,000
Total	0	1,619,775	2,736,008	104,217	0	0	0	0	680,000	0	5,140,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2023		Growth: 0.0 % Maintenance: 0.0 %	Colleen Middaugh	TBD`



Project Version Summary

Project #	ENG-001-24	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Corporate Projects
Title	Corporate Heritage Property Maintenance and Refurbishment		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
The City of Windsor owns a number of heritage buildings, including; Willistead Manor, Willistead Coach House, Willistead Gate House, Capitol Theatre, Mackenzie Hall, Richardson Library, Francois Baby House and Sandwich Muir Library. This account will provide the funding for capital maintenance of these sites, including repairs / replacements / refurbishments to the building envelope, building systems, interior finishes, specialized equipment, etc.
This project merged previous capital projects ENG-010-17, HCP-010-07 & REC-006-07

Version Description
Specific work identified at this time is as follows;
<ul style="list-style-type: none"> • 2024 & 2025 – Capitol theatre - Pentastar plaster repairs and north basement finishing (\$1.5M) • 2027 – Mackenzie Hall – Exterior window refurbishment & exterior painting (\$800,000) • 2029 – Willistead Manor – basement refurbishment (\$150,000) • 2030 – Willistead site - perimeter cast iron fence and masonry pillars refurbishment (\$1.75M) • 2031 – Willistead Manor House, Coach House & Gate House clay tile roof replacement and exterior painting (\$1.6M) • 2032 – Capitol theatre – interior finishes refurbishment (\$800,000) • Other funding to be prioritized based upon regular Building Conditions Assessment reports and other identified needs.

Project Comments/Reference	Version Comments

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410 Construction Contracts - TCA		750,000	750,000	0	915,461	175,000	675,000	1,850,000	1,784,539	950,000	100,000	7,950,000
	Total	750,000	750,000	0	915,461	175,000	675,000	1,850,000	1,784,539	950,000	100,000	7,950,000
Revenues												
221 Service Sustainability Investm		750,000	750,000	0	915,461	175,000	675,000	1,850,000	1,784,539	950,000	100,000	7,950,000
	Total	750,000	750,000	0	915,461	175,000	675,000	1,850,000	1,784,539	950,000	100,000	7,950,000



Project Version Summary

Project #	ENG-002-14	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Corporate Projects
Title	Riverside Drive Retaining Wall		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	Ward 3, Ward 4		
Version Name	Main (Active)		

Project 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. Phase 1 of the retaining wall from Glengarry Ave to McDougall Ave, was completed in 2019/2020. The remaining wall, Phase 2, will run from McDougall Ave to Vane Udine Cr. This retaining wall will provide stabilization for the roadway along Riverside Drive and will allow of a multi-use walkway to continually run along the length of Riverside Drive as per the Vista Riverside Drive Improvement Project.

Version Description

Phase 2 guardrail/retaining wall - engineering & construction works.

Project Comments/Reference	Version Comments
7201024 Closed: 7182021 7152005	

Project Detailed Forecast	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account											
Expenses											
5410 Construction Contracts - TCA	0	1,293,371	2,456,629	0	0	0	0	0	0	0	3,750,000
Total	0	1,293,371	2,456,629	0	0	0	0	0	0	0	3,750,000
Revenues											
169 Pay As You Go - Capital Reserve	0	1,293,371	2,456,629	0	0	0	0	0	0	0	3,750,000
Total	0	1,293,371	2,456,629	0	0	0	0	0	0	0	3,750,000

Related Projects	Historical Approved Budget				Operating Budget Impact		
	Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev) FTE Impact
			Net City Cost	Subsidies			
	2019	675,000	675,000	0	Description	0	0
	2020	675,000	675,000	0			
	2022	50,000	50,000	0			
	No operating budget impact.						

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2014	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Colleen Middaugh	2032`



Project Version Summary

Project #	ENG-002-24	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Corporate Projects
Title	Building Automation System Replacements		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

Most of our Corporate facilities benefit from Building Automation Systems which monitor & adjust the indoor air quality effecting heating, cooling, fresh air & relative humidity. These systems need to be replaced as the technology changes and as the hardware / software reaches end of life. This capital account will fund the replacement of existing Building Automation systems as well as the installation of new systems in older buildings that are not currently equipped.

Version Description

Specific work identified at this time is as follows;

- 2025 to 2033 – annual allotment of \$50,000 for capital repairs to ensure all systems remain operational
- 2028, 2031 to 2033 – system replacements and installations at various locations, as informed by the regular Building Condition Assessments and to meet operations needs.

In 2024 and 2025 this project requires additional funds of \$1,750,000 for Huron Lodge complete replacement of existing system (\$750K) and complete replacement of existing systems at the WFCU (\$700K) and WIATC (\$300K).

Project Comments/Reference	Version Comments

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	0	50,000	50,000	50,000	975,000	50,000	50,000	600,000	425,000	875,000	3,125,000
	Total	0	50,000	50,000	50,000	975,000	50,000	50,000	600,000	425,000	875,000	3,125,000
Revenues												
221	Service Sustainability Investm	0	50,000	50,000	50,000	975,000	50,000	50,000	600,000	425,000	875,000	3,125,000
	Total	0	50,000	50,000	50,000	975,000	50,000	50,000	600,000	425,000	875,000	3,125,000

Related Projects		Historical Approved Budget		Operating Budget Impact	
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date	
					<p style="text-align: right;">Effective Date Unknown Exp/(Rev) FTE Impact</p> <p>Description 0 0</p> <p>A lack of capital funding would prevent complete system upgrades resulting in increase operating expenditures to replace individual components upon failure which could negatively effect indoor air quality.</p>
2024		Growth: 0.0 % Maintenance: 0.0 %	Derek Thachuk	Ongoing`	



Project Version Summary

Project #	ENG-003-23	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Corporate Projects
Title	E.C Row/Banwell Interchange		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
Wards	Ward 7		
Version Name	Main (Active)		

Project Description

The 2016 Banwell Road Environmental Study Report recommends improvements to Banwell Road from Tecumseh Rd E to the City Limits (Canadian Pacific Railway). Banwell Road Phase 1 from Tecumseh Rd E to Palmetto was constructed in 2020 (ECP-002-10). Banwell Road Phase 2 and the roundabout at Banwell Road and Mulberry project is underway way and is expected to be complete in 2023 (ECP-002-10).

Further, a Traffic Impact Study was completed as a result of the Nextstar Energy Development. Results indicated the urgent need for an interchange at the E.C. Row Expressway. The addition of the development further contributes to an already poor service level.

The next phases of the works include an interchange at the E.C. Row Expressway, and the remaining Banwell Road corridor improvements from the new interchange to the City Limits (Canadian Pacific Railway). The interchange must be built as soon as possible. Interim solutions will have to be developed and implemented prior to the new development operations.

Version Description

2024-2025: Engineering and site prep for the interchange at the E.C. Row Expressway.

The cost of the interchange is estimated in the range of \$45 million and the balance of the Banwell Road corridor improvement works is estimated in the range of \$38 million. There are no funds identified within the 10-year plan for these works.

Project Comments/Reference

7233000

Version Comments

COMMITMENTS
 C 226/2022; CR19/2023 - 2025 F169 \$1,346,000, 2024 F176 \$1,000,000, 2025 F176 \$2,654,000
 C 131/2023; CR394/2023 - 2024 F169 \$73,718, 2025 F169 \$2,180,642; 2024 F221 \$930,075, 2025 F221 \$313,733

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	2,003,793	6,494,375	0	0	0	0	0	0	0	0	8,498,168
	Total	2,003,793	6,494,375	0	0	0	0	0	0	0	0	8,498,168
Revenues												
028	Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0
169	Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0
169CF	Committed Funding	73,718	3,526,642	0	0	0	0	0	0	0	0	3,600,360
176	Canada Community- Building Fund	0	0	0	0	0	0	0	0	0	0	0
176CF	Committed Funding	1,000,000	2,654,000	0	0	0	0	0	0	0	0	3,654,000
221	Service Sustainability Investm	0	0	0	0	0	0	0	0	0	0	0
221CF	Committed Funding	930,075	313,733	0	0	0	0	0	0	0	0	1,243,808
	Total	2,003,793	6,494,375	0	0	0	0	0	0	0	0	8,498,168
Related Projects		Historical Approved Budget					Operating Budget Impact					
Year Identified	Start Date	Project Type for 2024		Project Lead			Est. Completion Date					
2023		Growth: 53.6 % Maintenance: 46.4 %		Colleen Middaugh			Ongoing`					



Project Version Summary

Project #	ENG-004-22	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Corporate Projects
Title	Artificial Turf Sports Field at the McHugh Soccer Complex		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	Ward 7		
Version Name	Main (Active)		

Project Description

In December of 2019, Council approved the City of Windsor’s Recreation Master Plan (CR#632/2019). To address future growth, geographic distribution and promotion of sport/sport tourism in Windsor, a number of recommendations were made to address field sports in the City. With respect to rectangular fields, the most notable recommendation is for the City to construct an Artificial Turf Field in a location with multiple amenities and fields; doing so would be attractive for tournament users but also meet needs of local soccer groups. The addition of an artificial turf field at the McHugh Soccer Complex will allow for extended play into the shoulder seasons of spring and fall, when traditionally adverse weather and required natural turf field maintenance does not allow for play to occur on natural grass fields. Essex County Soccer Association has provided a letter to the City committing \$400,000 towards an artificial turf at McHugh Field.

Version Description

Project Comments/Reference	Version Comments
	PLACEHOLDER FUNDING: IN-CAMERA CR348/2023: 2026 F169 \$3,000,000

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	3,400,000	0	0	0	0	0	0	0	0	0	3,400,000
Total	3,400,000	0	0	0	0	0	0	0	0	0	3,400,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0
169CF Committed Funding	0	0	0	0	0	0	0	0	0	0	0
176 Canada Community-Building Fund	0	0	0	0	0	0	0	0	0	0	0
176CF Committed Funding	3,000,000	0	0	0	0	0	0	0	0	0	3,000,000
6735 Recovery Of Expenses EXTERNAL	400,000	0	0	0	0	0	0	0	0	0	400,000
Total	3,400,000	0	0	0	0	0	0	0	0	0	3,400,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2022		Growth: 100.0 % Maintenance: 0.0 %	Ray Mensour	TBD`



Project Version Summary

Project #	ENG-005-19	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Corporate Projects
Title	Enhanced Flooding Mitigation Program - DMAF 1		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Sewers Infrastructure		
Wards	Ward 6		
Version Name	Main (Active)		

Project Description

A series of major sewer-related projects, were identified as priority projects through the ongoing Sewer Master Plan which can help reduce the likelihood of flooding. The Federal government, through the Disaster Mitigation and Adaptation Fund, is anticipated to fund \$32,090,691 of the work, or 40% of the eligible costs under the original funding agreement, WUC Recoveries are anticipated to be \$2,412,869, City funding is for the remaining. On September 5, 2023 Council approved in principal a reduced scope resulting from funding shortfalls as a result of inflationary pressures experienced since the signing of the original agreement. Projects deferred as a result of this decision will be considered in future Capital budgets and grant opportunities.

The following projects have been competed to date:

- Mathew Brady phases 2 & 3
- Belle Isle View phases 1 & 2
- Tranby Park Stormwater Management
- Tranby Avenue
- Eastlawn Blvd
- Greenhouse gas mitigation assessment & climate change study

Version Description

Individual Project budgets are subject to change per executive committee. Below are listing of projects.

- East Road Drainage Redirection
- Riverside Vista, Phase 2A
- Cedarview Relief Sewer
- Belleperche Trunk Sewer Phase 1 & 2A
- Brumpton Park Underground Storage:
- St. Paul Pump Station Expansion
- East Marsh Pump Station Improvements:
- LRPCP Overflow Improvement:
- Flow Monitoring
- General City Sewer Rehabilitation Projects

Project Comments/Reference	Version Comments
7171005, 7171009, 7181007, 7191025, 7191035, 7191034, 7191038, 7196000, 7205000, 7205001, 7215001, 7215000, 7215002, 7225000	<p>COMMITMENT: CR380/2018 - C 119/2018: 2024 - F153 \$6,550,000 - 2025 F153 \$6,550,000 - 2026 F153 \$6,550,000 - 2027 F153 \$6,550,000 CR695/2017 - C 190/2017: 2024 F169 \$928,750 - 2024 F221 \$2,786,250 CR383/2023 - C 128/2023: 2024 F153 \$4,000,000 - 2025 F153 \$4,000,000 - 2026 F153 \$4,000,000 - 2027 F153 \$4,000,000 PLACEHOLDER: CR380/2018 - C 119/2018: 2028 F153 \$6,550,000 approved for immediate use, once the funding year falls within 5 years funds are committed. CR383/2023 - C 128/2023: 2028 F153 \$4,000,000 - 2029 F153 \$4,000,000 - 2030 F153 \$4,000,000 - 2031 F153 \$4,000,000 - 2032 F153 \$4,000,000- 2033 F153 \$4,000,000 approved for immediate use, once the funding year falls within 5 years funds are committed.</p> <p>Note: B57/2020 - C 198/2019: Administration is requesting Council approval to transfer funding between each of DMAF-funded project ids within Peoplesoft, subject to approval of the DMAF Executive Committee.</p>

Project Detailed Forecast												
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total	
Expenses												
5410 Construction Contracts - TCA	19,557,094	17,174,958	13,824,443	10,660,923	11,065,046	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	92,282,464	
<hr/>												
Total 19,557,094 17,174,958 13,824,443 10,660,923 11,065,046 4,000,000 4,000,000 4,000,000 4,000,000 4,000,000 4,000,000 92,282,464												
Revenues												
028CF Committed Funding	0	0	0	0	0	0	0	0	0	0	0	
153 Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0	
153CF Committed Funding	10,550,000	10,550,000	10,550,000	10,550,000	10,550,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	72,750,000	
169CF Committed Funding	928,750	0	0	0	0	0	0	0	0	0	928,750	
221CF Committed Funding	2,786,250	0	0	0	0	0	0	0	0	0	2,786,250	
6320 Canada Specific Grants	5,071,323	6,490,443	3,274,443	110,923	515,046	0	0	0	0	0	15,462,178	
6735 Recovery Of Expenses EXTERNAL	220,771	134,515	0	0	0	0	0	0	0	0	355,286	
<hr/>												
Total 19,557,094 17,174,958 13,824,443 10,660,923 11,065,046 4,000,000 4,000,000 4,000,000 4,000,000 4,000,000 4,000,000 92,282,464												

Related Projects		Historical Approved Budget			Operating Budget Impact
			Revenue		
		Year	Total Expense	Net City Cost	Subsidies
		2019	4,566,886	4,230,000	336,886
		2020	6,956,181	3,276,000	3,680,181
		2021	8,048,551	3,005,000	5,043,551
		2022	8,670,440	2,750,000	5,920,440
		2023	9,055,038	5,350,000	3,705,038
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date
2019	January 1, 2017	Growth: 7.3 % Maintenance: 92.7 %		Colleen Middaugh	2032



Project Version Summary

Project #	ENG-005-22	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Corporate Projects
Title	DMAF 4 Large-Scale Stream Retention Treatment Basin LRWRP		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Sewers Infrastructure		
Wards	Ward 2		
Version Name	Main (Active)		

Project Description

The West Windsor Retention Treatment Basin (RTB) will reduce the risk of basement flooding across the Lou Romano Water Reclamation Plant (LRWRP) drainage area during extreme precipitation events and meet the Ministry’s Procedure F-5-5 for combined sewer overflows (CSO) requirements. A series of RTB-related projects have been identified through the Windsor Riverfront West CSO Control “Schedule C” Class EA Environmental Study Report, and confirmed by the approved Sewer Master Plan. Project was submitted as part of Disaster Mitigation and Adaptation Fund (DMAF) Intake 4. If approved, the Federal government, through the Disaster Mitigation and Adaptation Fund, is anticipated to fund \$32,740,800 of the work, or up to 40% of the eligible costs, City funding is for the remaining cost.

Version Description

Individual Project budgets are subject to change per executive committee. Below are listing of projects.

- CSO Collector Sewer and upgrades Interceptor Chambers
- Pumping Station to raise flow from CSO Collector Sewer to RTB
- Retention Treatment Basin at LRWRP
- Outfall Sewer from RTB to Detroit River

Project Comments/Reference	Version Comments
7225001	PLACEHOLDER: CR454/2021 C138/2021: F153 2027 \$3,751,701 - 2028 \$5,887,751 - 2029 \$6,987,751 and \$1,600,000 - 2030 \$6,987,751 & \$5,000,000 - 2031 \$12,000,000 - 2032 \$13,585,046

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
2951 INTERNAL Service Salary Allocn	0	0	0	3,751,701	5,887,751	8,587,751	11,987,751	12,000,000	13,585,046	0	55,800,000
Total	0	0	0	3,751,701	5,887,751	8,587,751	11,987,751	12,000,000	13,585,046	0	55,800,000
Revenues											
028CF Committed Funding	0	0	0	0	0	0	0	0	0	0	0
153CF Committed Funding	0	0	0	3,751,701	5,887,751	8,587,751	11,987,751	12,000,000	13,585,046	0	55,800,000
Total	0	0	0	3,751,701	5,887,751	8,587,751	11,987,751	12,000,000	13,585,046	0	55,800,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2022		Growth: 0.0 % Maintenance: 0.0 %	Colleen Middaugh	2032



Project Version Summary

Project #	ENG-005-23	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Corporate Projects
Title	Lanspeary Lions Outdoor Pool and Change Room - Green & Inclusive Buildings Grant		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	Ward 4		
Version Name	Main (Active)		

Project Description											
<p>The original building at Lanspeary Lions Outdoor Pool and Rink, which functions as a pool change room area in the summer and outdoor ice rink dressing room in the winter, was constructed around 1950 and has undergone several renovations throughout its operation. It is a single storey building with partial basement in the central portion of the structure primarily used to house the pool filtration equipment. The building is approximately 2,900 square feet on the main floor and 860 square feet at the basement level.</p> <p>In February 2023, an application was made to the Green and Inclusive Community Buildings (GICB) Program seeking grant funding up to 80% of the cost of construction to retrofit this facility, making improvements to the building envelope and the building systems which would achieve up to a 25% reduction in its energy consumption. Improvements to the building accessibility would also be undertaken.</p>											
Version Description											
<p>If awarded the GICB grant, then design work would begin early in 2024 with construction to follow into 2025. The \$1,250,000 funding would account for the 20% City portion of the anticipated cost of construction as well as any expenses deemed ineligible by the grant provider.</p>											
Project Comments/Reference						Version Comments					
						<p>PLACEHOLDER FUNDING : Funding to be encumbered pending written confirmation of the: Green and Inclusive Buildings Program</p> <p>CR68/2023 C 13/2023: 2025 F221 \$1,250,000</p>					
Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	1,250,000	0	0	0	0	0	0	0	0	1,250,000
Total	0	1,250,000	0	0	0	0	0	0	0	0	1,250,000
Revenues											
221CF Committed Funding	0	1,250,000	0	0	0	0	0	0	0	0	1,250,000
Total	0	1,250,000	0	0	0	0	0	0	0	0	1,250,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2023		Growth: 0.0 % Maintenance: 0.0 %	Derek Thachuk	2026



Project Version Summary

Project #	ENG-011-17	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Corporate Projects
Title	400 City Hall Square - Capital Repairs		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	Ward 3		
Version Name	Main (Active)		

Project Description
Funds to cover repairs/replacements of building envelope, components, equipment and systems at 400 CHS.

Version Description
Specific work identified at this time is as follows: 2024 - HVAC Equipment Replacements & BAS Upgrades (\$1,690,300) 2026 to 2027 – Modernization of the three passenger elevators (\$750,000) 2028 to 2033 - Funding to be prioritized based on regular Building Condition Assessments and other identified needs
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	Version Comments
7171011	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	1,690,300	0	500,000	500,000	100,000	100,000	100,000	100,000	225,000	250,000	3,565,300
	Total	1,690,300	0	500,000	500,000	100,000	100,000	100,000	100,000	225,000	250,000	3,565,300
Revenues												
186	400 City Hall Square E.	1,690,300	0	500,000	500,000	100,000	100,000	100,000	100,000	225,000	250,000	3,565,300
221	Service Sustainability Investm	0	0	0	0	0	0	0	0	0	0	0
	Total	1,690,300	0	500,000	500,000	100,000	100,000	100,000	100,000	225,000	250,000	3,565,300

Related Projects		Historical Approved Budget			Operating Budget Impact
			Revenue		
		Year	Total Expense	Net City Cost	Subsidies
		2017	100,000	100,000	0
		2019	300,000	300,000	0
		2020	700,000	700,000	0
		2021	500,000	500,000	0
		2023	129,700	129,700	0
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date	
2017	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %	Derek Thachuk	Ongoing`	



Project Version Summary

Project #	ENG-013-20	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Corporate Projects
Title	Sandwich St. Sewer Rehabilitation & Drainage Improvements		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Sewers Infrastructure		
Wards	Ward 2		
Version Name	Main (Active)		

Project Description

As part of the Gordie Howe International Bridge (GHIB) Project, \$12 million will be invested by the Federal government into road improvements to Sandwich Street. Additionally, \$13.8 million in sewer upgrades on Sandwich Street between Ojibway Parkway and Rosedale Ave. (approx. 3 km) are required before WDBA/BNA completes the work identified above. This will allow the City to maximize the benefits of this funding and may allow for cost efficiencies.

Drainage improvements on a portion of Sandwich Street and Prospect Avenue are included. Funding will be cost shared between the Federal government and the City of Windsor

Version Description

The Sandwich St Sewer Rehabilitation construction is expected to be completed by end of 2023.

Funding shown within the 10-year is for the sewer upgrades and the City's share of the drainage improvements. The Federal government will cover a portion of the overall cost.

Project Comments/Reference	Version Comments
7209009	COMMITMENT: CR139/2020 - C 51/2020: 2024 F153 \$1,413,750 - 2024 F221 \$300,000

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	1,713,750	0	0	0	0	0	0	0	0	1,000,000	2,713,750
	Total	1,713,750	0	0	0	0	0	0	0	0	1,000,000	2,713,750
Revenues												
028CF	Committed Funding	0	0	0	0	0	0	0	0	0	0	0
153	Sewer Surcharge	0	0	0	0	0	0	0	0	0	1,000,000	1,000,000
153CF	Committed Funding	1,413,750	0	0	0	0	0	0	0	0	0	1,413,750
221CF	Committed Funding	300,000	0	0	0	0	0	0	0	0	0	300,000
	Total	1,713,750	0	0	0	0	0	0	0	0	1,000,000	2,713,750

Related Projects		Historical Approved Budget			Operating Budget Impact
			Revenue		
		Year	Total Expense	Net City Cost	Subsidies
		2020	1,255,000	1,255,000	0
		2021	4,740,800	4,740,800	0
		2022	2,030,000	2,030,000	0
		2023	2,030,000	2,030,000	0
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date
2020		Growth: 0.0 % Maintenance: 100.0 %		Joe Dattilo	Ongoing`



Project Version Summary

Project #	ENG-014-20	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Corporate Projects
Title	Ojibway Wildlife Crossing		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	Ward 1		
Version Name	Main (Active)		

Project Description

As part of its community benefits package for the Sandwich Street Improvements, the Windsor-Detroit Bridge Authority (WDBA) has provided funding for a study related to an eco-passage (bridge) connecting the Black Oak Heritage Forest and Ojibway Park, as a joint project with the City of Windsor.

The Ojibway eco-passage (bridge overpass) will provide safe passage for area wildlife and species at risk in the Ojibway Prairie Complex. Approximately 20,000 vehicles per day travel along the Ojibway Parkway and E.C. Row Expressway. This contributes heavily to wildlife mortality.

A separate study is underway to identify potential solutions for eco-passage connectivity on Matchett Road and Malden Road to provide an ecological connection(s) between Ojibway Park and the Spring Garden Natural area.

Version Description

In accordance with CR524/2019, the Corporation of the City of Windsor is completing a Municipal Class Environmental Assessment (EA) study for a proposed Wildlife Overpass over Ojibway Parkway in the City of Windsor. The EA identifies potential impacts as a result of such a structure and identify potential location, the type of structure required and a high level budget cost to pursue this project. The EA remains underway for a full crossing of both road and rail alternative and is expected to be completed in early 2024. WDBA has funded \$250,000 for the study phase. The cost to design and construct the wildlife overpass crossing both Ojibway Parkway and the ETR is estimated at \$37M. The results of the EA will be presented to City Council once complete, and funding required to implement this project would be brought forward in future budget requests.

Further, in accordance with B11/2020 (C 202/2019) & B6/2021, Council approved the completion of a study to identify solutions for eco-passage connectivity in the Ojibway Prairie Complex Area, including crossings on Matchett Road and Malden Road. The study remains underway and is expected to be completed in 2024.

2026: Placeholder funding for implementation of Study recommendations. Administration will continue to pursue funding opportunities and/or grants.

Administration will continue to pursue funding opportunities and/or grants.

Project Comments/Reference

7201005 – Malden/Matchett Eco-passage Location Study
7201003 – Ojibway Parkway Wildlife Crossing

Version Comments

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	0	250,000	0	0	0	0	0	0	0	250,000
Total	0	0	250,000	0	0	0	0	0	0	0	250,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	250,000	0	0	0	0	0	0	0	250,000
Total	0	0	250,000	0	0	0	0	0	0	0	250,000

Related Projects	Historical Approved Budget				Operating Budget Impact	
	Year	Total Expense	Revenue			
			Net City Cost	Subsidies		
	2021	250,000	250,000	0		

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2020	December 31, 2019	Growth: 0.0 % Maintenance: 0.0 %	Colleen Middaugh	Ongoing`



Project Version Summary

Project #	HCP-002-09	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Corporate Projects
Title	Fire Hall Capital Refurbishment Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project 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. In particular, Firehall 1, 3, 4 & 9, as well as, the Fire Prevention office are older facilities and are experiencing greater capital investment needs to maintain, repair or replace aging components.											
Version Description											
Fire Halls require funds for repairs/replacements as needed.											
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						Version Comments					
7091015											
Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	0	0	150,000	0	0	0	0	0	0	150,000
Total	0	0	0	150,000	0	0	0	0	0	0	150,000
Revenues											
221 Service Sustainability Investm	0	0	0	150,000	0	0	0	0	0	0	150,000
Total	0	0	0	150,000	0	0	0	0	0	0	150,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				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				
		2018	150,000	150,000	0				
		2022	100,000	100,000	0				
		2023	150,000	150,000	0				
					No operating budget impact.				
Year Identified	Start Date	Project Type for 2024	Project Lead		Est. Completion Date				
2009	January 2, 2016	Growth: 0.0 % Maintenance: 0.0 %	Derek Thachuk		2028`				



Project Version Summary

Project #	HCP-005-08	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Corporate Projects
Title	Corporate Facilities Paving Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project 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.

Version Description

Repair / replacement of asphalt paving and concrete approaches city wide that are beyond their life expectancy.

Specific work identified at this time is as follows:
 2024 - WFCU Parking Lot (\$1,500,000), repaving at library sites (\$315,000)
 2028 - 2437 Howard Ave. Parking Lot (\$750,000) / Lakeview Park Marina Parking Lot (\$250,000 - from REC-002-07)
 2029 - Lakeview Park Marina Parking Lot (\$150,000 - from REC-002-07). Willistead Parking Lot (\$500,000), Huron Lodge Parking Lot (\$750,000).
 2030 - 2033 Funding to be prioritized based on Building Condition Assessments and other identified needs

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

Enterprise Risk(s): This funding will mitigate against the identified infrastructure enterprise risk

Project Comments/Reference	Version Comments
7101016	COMMITMENT: CR144/2020 - C 67/2020: 2024 F221 \$315,000

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	1,815,000	100,000	0	100,000	1,000,000	4,050,000	1,000,000	850,000	250,000	600,000	9,765,000
	Total	1,815,000	100,000	0	100,000	1,000,000	4,050,000	1,000,000	850,000	250,000	600,000	9,765,000
Revenues												
221	Service Sustainability Investm	1,500,000	100,000	0	100,000	1,000,000	4,050,000	1,000,000	850,000	250,000	600,000	9,450,000
221CF	Committed Funding	315,000	0	0	0	0	0	0	0	0	0	315,000
	Total	1,815,000	100,000	0	100,000	1,000,000	4,050,000	1,000,000	850,000	250,000	600,000	9,765,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		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				
		2018	150,000	150,000	0				
		2019	100,000	100,000	0				
		2021	1,215,000	1,215,000	0				
		2022	1,070,000	1,070,000	0				
		2023	100,000	100,000	0				
Year Identified	Start Date	Project Type for 2024	Project Lead		Est. Completion Date				
2008	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Derek Thachuk		Ongoing`				



Project Version Summary

Project #	OPS-006-19	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Corporate Projects
Title	Food and Organic Waste Collection and Treatment		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

As of April 30th, 2018, the MECP released the finalized Framework for Ontario’s Food and Organic Waste. The result is that the City of Windsor, due to its population and density, will be required to provide curbside collection of food waste. This would be in addition to the existing yard waste collection.

In August 2022, the EWSWA Board approved a 5-year contract with a Short-Term Service provider to ensure compliance by 2025. The next phase includes procurement of a collection and transfer contractor.

Additionally, an evaluation of long-term options is required to establish a plan for long-term organic waste processing services.

Version Description

2024-2025: Engineering and consultant costs for evaluating long-term organic waste processing, including feedstock composition, environmental attributes, site selection, etc.. Additional funding requirements will be identified following the completion of these evaluations.

Project Comments/Reference

7184005 (Consultant review options specific to the City of Windsor)

Version Comments

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
2950 Other Prof Services- External	223,000	254,000	0	0	0	0	0	0	0	0	477,000
Total	223,000	254,000	0	0	0	0	0	0	0	0	477,000
Revenues											
169 Pay As You Go - Capital Reserve	223,000	254,000	0	0	0	0	0	0	0	0	477,000
Total	223,000	254,000	0	0	0	0	0	0	0	0	477,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2021	165,000	165,000	0	No Operating Budget Impact at the Consulting stage			
		2022	20,000	20,000	0				
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date				
2019	September 1, 2018	Growth: 100.0 % Maintenance: 0.0 %		Tracy Beadow	Ongoing`				



Project Version Summary

Project #	OPS-007-07	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Corporate Projects
Title	Public Works Operations Facilities Refurbishment		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
<p>Ongoing improvements to Public Works buildings including Crawford Yard, Environmental Yard and Traffic Operations based on priority.</p> <p>The Maintenance, Contracts, Field Services, and Fleet Divisions are headquartered at the Crawford Yard Facility. Satellite locations for these divisions include the east end winter control salt storage and administrative trailer at 3540 N. Service Rd.</p> <p>Crawford Yard Facility was converted from prior industrial uses to accommodate Public Works staff over 45 years ago. There is a salt dome and 4 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 and the age of the various buildings and the site.</p>

Version Description
<p>An annual allotment of \$25,000 in 2024-2027, and in 2031 for various repairs, to address health & safety issues, unexpected needs and to perform proper maintenance is also needed.</p> <p>Specific work identified at this time is as follows: 2028 - Traffic Sign Shop Ventilation (\$100,000) 2029 - Crawford Yard Mechanical Upgrades (\$500,000); Crawford Yard Stockroom Renovation (\$300,000); 2032- Crawford Yard Canopy at rear of salt dome</p> <p>Other funding to be prioritized based upon regular Building Conditions Assessment reports and other identified needs.</p>

Project Comments/Reference	Version Comments
7141029 Closed: 7033139	

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410 Construction Contracts - TCA		25,000	25,000	25,000	25,000	100,000	800,000	100,000	25,000	365,000	450,000	1,940,000
	Total	25,000	25,000	25,000	25,000	100,000	800,000	100,000	25,000	365,000	450,000	1,940,000
Revenues												
221 Service Sustainability Investm		25,000	25,000	25,000	25,000	100,000	800,000	100,000	25,000	365,000	450,000	1,940,000
	Total	25,000	25,000	25,000	25,000	100,000	800,000	100,000	25,000	365,000	450,000	1,940,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				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				
		2018	373,360	271,000	102,360				
		2019	490,720	490,720	0				
		2020	25,000	25,000	0				
		2021	596,101	596,101	0				
		2022	575,000	575,000	0				
		2023	653,899	653,899	0				
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date				
2007	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %		Derek Thachuk	Ongoing`				



Project Version Summary

Project #	PFO-001-12	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Corporate Projects
Title	Corporate Properties Security Systems and Infrastructure		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project 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, intrusion alarms, cameras, monitors, digital video recording devices, customer service counters, electric strikes with door release buttons, door hardware and exterior lighting, fencing and automated gates. This program would fund the necessary repairs, modifications, expansions and upgrades to existing systems, as well as the funding to install new infrastructure, as required, where none has previously existed.

Version Description

Annual allotment for system maintenance and conversion of key control system: 2024-2027 (\$150,000) / 2028-2030 (\$75,000)

Specific work identified at this time is as follows:
 2024 – Fencing & entrance gate improvements at select fire hall locations (\$75,000)
 2024 to 2028 – Upgrade / replacement of existing CCTV and card access equipment (\$600,000)
 2029 to 2030 - Corporate Security Upgrades (\$75,000)
 2031 - 400 CHS (\$250,000)

Other funding to be prioritized based upon regular Building Conditions Assessment reports and other identified needs.

Project Comments/Reference	Version Comments
7053035 - This capital account replaces both Corporate Wide Security Systems and Security Infrastructure Improvements. 7165002 - This capital account tracks activities for Corporate Facilities Access Protocols project	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	150,000	150,000	150,000	150,000	75,000	75,000	75,000	325,000	100,000	450,000	1,700,000
	Total	150,000	150,000	150,000	150,000	75,000	75,000	75,000	325,000	100,000	450,000	1,700,000
Revenues												
169	Pay As You Go - Capital Reserve	25,000	25,000	75,000	75,000	0	0	0	0	80,000	0	280,000
221	Service Sustainability Investm	125,000	125,000	75,000	75,000	75,000	75,000	75,000	325,000	20,000	450,000	1,420,000
	Total	150,000	150,000	150,000	150,000	75,000	75,000	75,000	325,000	100,000	450,000	1,700,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				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				
		2018	50,000	50,000	0				
		2019	135,000	135,000	0				
		2020	50,000	50,000	0				
		2021	75,000	75,000	0				
		2022	125,000	125,000	0				
		2023	75,000	75,000	0				
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date			
2012	January 1, 2015	Growth: 16.7 % Maintenance: 83.3 %		Derek Thachuk		Ongoing`			



Project Version Summary

Project #	PFO-002-12	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Corporate Projects
Title	Facility Structural & Building Envelope Maintenance Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

This program is intended to fund structural & building envelope repairs at all corporately owned facilities. These improvements generally include repairs or replacements to facades (brick, stone, EIFS, siding), windows, exterior doors, flashings, sealants, etc.

Version Description

An annual allotment of \$50,000 is required to cover all repairs on an as needed basis.

Specific work identified at this time is as follows:
 2025 - Computer for Kids (4150 Sandwich) Renovation (\$500,000)
 2027 - 930 Mercer Exterior Wall Insulation and Siding (\$250,000)
 2028 – Window replacements at the Crawford Site (\$500,000)

Remaining funding to be prioritized based on regular Building Condition Assessment Reports and other identified needs
 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	Version Comments
7151017	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	500,000	100,000	450,000	700,000	950,000	1,450,000	450,000	450,000	500,000	5,550,000
Total	0	500,000	100,000	450,000	700,000	950,000	1,450,000	450,000	450,000	500,000	5,550,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0
221 Service Sustainability Investm	0	500,000	100,000	450,000	700,000	950,000	1,450,000	450,000	450,000	500,000	5,550,000
Total	0	500,000	100,000	450,000	700,000	950,000	1,450,000	450,000	450,000	500,000	5,550,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2015	75,000	75,000	0				
		2018	50,000	50,000	0				
		2019	100,000	100,000	0				
		2020	150,000	150,000	0				
		2021	500,000	500,000	0				
		2022	50,000	50,000	0				
		2023	50,000	50,000	0				
					No operating budget impact.				
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date				
2012	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %		Derek Thachuk	Ongoing`				



Project Version Summary

Project #	PFO-002-14	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Corporate Projects
Title	Huron Lodge Facility Rehabilitation Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	Ward 1		
Version Name	Main (Active)		

Project Description	<p>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.</p>	
Version Description	<p>Specific work identified at this time is as follows: 2025 - Flooring, Humidifiers Replacement and Boilers Replacement (\$750,000) 2026 - Water Softener System Replacement, Chiller Pumps, Fire Panel, Rooftop Units, Building Envelope Repairs (\$750,000) 2027 - Trash Compactor (\$100,000) 2028 - Trash Compactor (\$100,000) 2029-2030 - Dock Leveler (\$100,000) and other miscellaneous equipment repairs 2031 – Generator Upgrades (\$800,000) 2032 – Elevator Modernization (\$800,000) 2033 - Maglock System Installation (\$500,000)</p> <p>Additional operational needs that remain unfunded in the 10 year Capital plan: Spa Room Renovations (\$700,000)</p> <p>In general, an annual allotment of \$100,000 is reserved for various repairs, unexpected needs and maintenance.</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	
7153006 7152003		

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5411	Construction Contracts-Non TCA	0	750,000	750,000	100,000	100,000	100,000	100,000	900,000	900,000	500,000	4,200,000
Total		0	750,000	750,000	100,000	100,000	100,000	100,000	900,000	900,000	500,000	4,200,000
Revenues												
169	Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0
221	Service Sustainability Investm	0	750,000	750,000	100,000	100,000	100,000	100,000	900,000	900,000	500,000	4,200,000
Total		0	750,000	750,000	100,000	100,000	100,000	100,000	900,000	900,000	500,000	4,200,000
Related Projects		Historical Approved Budget				Operating Budget Impact						
				Revenue		Effective Date Unknown		Exp/(Rev)		FTE Impact		
		Year	Total Expense	Net City Cost	Subsidies	Description						
		2015	100,000	100,000	0	No operating budget impact.						
		2016	250,000	250,000	0							
		2017	250,000	250,000	0							
		2020	230,000	230,000	0							
		2022	175,000	175,000	0							
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date						
2014	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %		Derek Thachuk		Ongoing`						



Project Version Summary

Project #	PFO-002-18	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Corporate Projects
Title	Facility & Parks Building Demolitions		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

There are a number of buildings within the Facilities 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. In addition, restoration of the property will help in creating an improved aesthetic for the neighbourhoods and parks that surround these buildings.

Version Description

An annual allotment is to fund demolitions. The funds will be assigned on a priority basis.

Project Comments/Reference	Version Comments
7189002	

Project Detailed Forecast	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account											
Expenses											
5410 Construction Contracts - TCA	0	0	100,000	100,000	0	0	0	0	100,000	75,000	375,000
Total	0	0	100,000	100,000	0	0	0	0	100,000	75,000	375,000
Revenues											
221 Service Sustainability Investm	0	0	100,000	100,000	0	0	0	0	100,000	75,000	375,000
Total	0	0	100,000	100,000	0	0	0	0	100,000	75,000	375,000

Related Projects	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>2018</td> <td>55,000</td> <td>55,000</td> <td>0</td> </tr> </tbody> </table>	Year	Total Expense	Revenue		Net City Cost	Subsidies	2018	55,000	55,000	0	<table border="1"> <thead> <tr> <th>Effective Date</th> <th>Unknown</th> <th>Exp/(Rev)</th> <th>FTE</th> <th>Impact</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>0</td> <td></td> <td>0</td> </tr> </tbody> </table> <p>Description</p> <p>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</p>	Effective Date	Unknown	Exp/(Rev)	FTE	Impact			0		0
Year	Total Expense			Revenue																		
		Net City Cost	Subsidies																			
2018	55,000	55,000	0																			
Effective Date	Unknown	Exp/(Rev)	FTE	Impact																		
		0		0																		

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2018	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %	Derek Thachuk	Ongoing`



Project Version Summary

Project #	PFO-003-13	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Corporate Projects
Title	401 Riverside Drive W Capital Refurbishment		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	Ward 3		
Version Name	Main (Active)		

Project Description	Projected capital costs for the ongoing maintenance of the Art Gallery of Windsor and Chimczuk Museum.
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Version Description	<p>The Art Gallery of Windsor and the Chimczuk Museum require funds for various capital repairs and maintenance going forward. Funds will be utilized to carryout capital repairs and replacements, such as HVAC, flooring, glazing, roofing, etc. and as identified by the Building Condition Assessments and to meet operational demands.</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>
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Project Comments/Reference	Version Comments
7119006	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	0	125,000	125,000	125,000	100,000	100,000	0	125,000	175,000	875,000
Total	0	0	125,000	125,000	125,000	100,000	100,000	0	125,000	175,000	875,000
Revenues											
221 Service Sustainability Investm	0	0	125,000	125,000	125,000	100,000	100,000	0	125,000	175,000	875,000
Total	0	0	125,000	125,000	125,000	100,000	100,000	0	125,000	175,000	875,000

Related Projects		Historical Approved Budget				Operating Budget Impact			
Precedes REC-001-14		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
Project Title				Net City Cost	Subsidies				
Museum Expansion		2018	1,320,000	1,320,000	0			0	0
		2019	40,000	40,000	0				
		2020	30,000	30,000	0				
		2021	75,000	75,000	0				
		2022	25,000	25,000	0				
		2023	125,000	125,000	0				
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date			
2013	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %		Derek Thachuk		Ongoing`			



Project Version Summary

Project #	PFO-003-14	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Corporate Projects
Title	Corporate Facilities Boiler Replacement Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

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.

Version Description

Funds will be utilized to carryout capital repairs and replacements, at various locations as identified by the Building Condition Assessments and to meet operational demands.

Annual budgets are being requested to replace aging boilers as they approach the end of their useful life.

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	Version Comments
7142001	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	50,000	50,000	150,000	150,000	50,000	50,000	50,000	250,000	0	100,000	900,000
	Total	50,000	50,000	150,000	150,000	50,000	50,000	50,000	250,000	0	100,000	900,000
Revenues												
221	Service Sustainability Investm	50,000	50,000	150,000	150,000	50,000	50,000	50,000	250,000	0	100,000	900,000
	Total	50,000	50,000	150,000	150,000	50,000	50,000	50,000	250,000	0	100,000	900,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2014	55,500	55,500	0				
		2015	50,000	50,000	0				
		2019	89,500	89,500	0				
		2022	50,000	50,000	0				
		2023	50,000	50,000	0				
		No operating budget impact.							
Year Identified	Start Date	Project Type for 2024	Project Lead		Est. Completion Date				
2014	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Derek Thachuk		Ongoing`				



Project Version Summary

Project #	PFO-003-15	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Corporate Projects
Title	Central Riverfront Improvement Plan & Civic Esplanade / Plaza		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	Ward 2, Ward 3, Ward 4		
Version Name	Main (Active)		

Project Description

The capital funding is to be used for studies, design, and implementation of works for continued development of the riverfront, the Civic Esplanade as well as the City Hall Square Plaza.

Safety items, accommodation of public access and activities for families continue to be a priority. This includes the development of the Festival Plaza along with trails, beacons and other improvements located at the riverfront.

Version Description

Projects currently underway but not limited to include:

- New City Hall Square Outdoor Rink
- Improvements to Festival Plaza
- Various CRIP-related works such as trails, beacons, and other improvements located at the riverfront.
- Various other improvement works related to City Hall Square Plaza and the Civic Esplanade

Project Comments/Reference

Open: 7221065 7232004
 Closed: 7152005 7204004 7222000 7221063

Version Comments

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	2,469,806	5,793,654	727,000	300,000	1,682,969	7,342,935	1,381,096	0	1,678,000	3,960,893	25,336,353
Total	2,469,806	5,793,654	727,000	300,000	1,682,969	7,342,935	1,381,096	0	1,678,000	3,960,893	25,336,353
Revenues											
169 Pay As You Go - Capital Reserve	487,970	1,084,454	227,000	100,000	669,980	6,492,884	381,045	0	1,678,000	3,960,893	15,082,226
176 Canada Community-Building Fund	704,266	3,209,200	0	0	1,012,989	850,051	1,000,051	0	0	0	6,776,557
214 Tourism Devlmt Infrst & Prgm	1,077,570	1,500,000	500,000	0	0	0	0	0	0	0	3,077,570
221 Service Sustainability Investm	200,000	0	0	200,000	0	0	0	0	0	0	400,000
Total	2,469,806	5,793,654	727,000	300,000	1,682,969	7,342,935	1,381,096	0	1,678,000	3,960,893	25,336,353

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2018	1,990,000	1,990,000	0				
		2019	310,000	310,000	0				
		2022	1,740,000	1,740,000	0				
		2023	6,144,540	6,144,540	0				
					No operating budget impact.				
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date				
2014	January 1, 2018	Growth: 91.9 % Maintenance: 8.1 %		Colleen Middaugh	Ongoing`				



Project Version Summary

Project #	PFO-004-12	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Corporate Projects
Title	Corporate Facilities Building Condition Assessments		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project 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.

Version Description

Building condition assessment work will be ongoing. Funding 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.

Annual budget are requested to cover the cost of building condition assessment work performed.

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 Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	0	0	200,000	200,000	200,000	100,000	100,000	0	0	0	800,000
	Total	0	0	200,000	200,000	200,000	100,000	100,000	0	0	0	800,000
Revenues												
221	Service Sustainability Investm	0	0	200,000	200,000	200,000	100,000	100,000	0	0	0	800,000
	Total	0	0	200,000	200,000	200,000	100,000	100,000	0	0	0	800,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2014	300,000	0	300,000				
		2019	50,000	50,000	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				
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date				
2012	January 1, 2014	Growth: 0.0 % Maintenance: 0.0 %		Derek Thachuk	Ongoing`				



Project Version Summary

Project #	PFO-004-20	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Corporate Projects
Title	Windsor Lawn Bowling and Tennis Club Exterior Repairs		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	Ward 3		
Version Name	Main (Active)		

Project Description	To fund repairs and maintenance of the exterior building & grounds for the Windsor Lawn Bowling and Tennis Clubs in accordance with the requirements of the lease agreements.
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Version Description	Annual budgets being requested to fund miscellaneous repairs to the buildings and grounds of the lawn bowling and tennis clubs.
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Project Comments/Reference	Version Comments
7204000	

Project Detailed Forecast												
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total	
Expenses												
5410 Construction Contracts - TCA	0	0	0	0	100,000	50,000	50,000	0	0	150,000	350,000	
Total	0	0	0	0	100,000	50,000	50,000	0	0	150,000	350,000	
Revenues												
221 Service Sustainability Investm	0	0	0	0	100,000	50,000	50,000	0	0	150,000	350,000	
Total	0	0	0	0	100,000	50,000	50,000	0	0	150,000	350,000	

Related Projects	Historical Approved Budget				Operating Budget Impact					
			Revenue		Effective Date		Unknown		Exp/(Rev) FTE Impact	
	<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Description		0		0	
	2020	100,000	100,000	0	No operating budget impact.					
	2022	100,000	100,000	0						
2023	100,000	100,000	0							

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
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2020	January 1, 2020	Growth: 0.0 % Maintenance: 0.0 %	Derek Thachuk	Ongoing`
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Project Version Summary

Project #	PFO-008-21	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Corporate Projects
Title	Corporate Electrical Replacement/Repair Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

To implement a proactive mechanism to provide capital budget for the replacement of electrical, fire alarm and back up power generator systems at various Corporate locations.

Version Description

This project will provide preventative maintenance on all city electrical, fire alarm system and generator systems to prevent system failures and extend their useful life. Funds will be utilized to carryout capital repairs and replacements, as identified by the Building Condition Assessments and to meet operational demands.

Funding is requested to cover material costs for capital maintenance.

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	Version Comments

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	0	0	0	0	750,000	150,000	150,000	150,000	1,000,000	400,000	2,600,000
	Total	0	0	0	0	750,000	150,000	150,000	150,000	1,000,000	400,000	2,600,000
Revenues												
221	Service Sustainability Investm	0	0	0	0	750,000	150,000	150,000	150,000	1,000,000	400,000	2,600,000
	Total	0	0	0	0	750,000	150,000	150,000	150,000	1,000,000	400,000	2,600,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2021		Growth: 0.0 % Maintenance: 0.0 %	Derek Thachuk	Ongoing`



Project Version Summary

Project #	PFO-009-11	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Corporate Projects
Title	Corporate Heating & Cooling Replacement/Repair Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	To implement a proactive mechanism to allow heating and cooling system replacements to be planned for within the capital budget.
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Version Description	<p>This project will provide preventative maintenance on all city heating and cooling units to prevent system failures and extend their useful life. Funds will be utilized to carryout capital repairs and replacements to meet operational demands.</p> <p>Specific work identified at this time is as follows: 2024 – HVAC replacements at Atkinson Community Centre, Optimist Community Centre, Huron Lodge 2025 to 2033 - funding to be prioritized based upon regular Building Conditions Assessment reports and other identified needs.</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>
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Project Comments/Reference	Version Comments
7142000 Closed: 7121006	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	900,000	500,000	1,130,000	600,000	1,000,000	1,500,000	1,800,000	1,000,000	1,000,000	750,000	10,180,000
	Total	900,000	500,000	1,130,000	600,000	1,000,000	1,500,000	1,800,000	1,000,000	1,000,000	750,000	10,180,000
Revenues												
221	Service Sustainability Investm	900,000	500,000	1,130,000	600,000	1,000,000	1,500,000	1,800,000	1,000,000	1,000,000	750,000	10,180,000
	Total	900,000	500,000	1,130,000	600,000	1,000,000	1,500,000	1,800,000	1,000,000	1,000,000	750,000	10,180,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				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				
		2018	450,000	450,000	0				
		2019	500,000	500,000	0				
		2020	500,000	500,000	0				
		2021	400,000	400,000	0				
		2022	485,000	485,000	0				
		2023	800,000	800,000	0				
Year Identified	Start Date	Project Type for 2024	Project Lead		Est. Completion Date				
2011	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Derek Thachuk		Ongoing`				



Project Version Summary

Project #	PFO-010-11	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Corporate Projects
Title	Corporate Facilities Interior Renovation Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project 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.
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Version Description	<p>Funding is required to replace damaged and aged carpets and floor finishes that are beyond their life expectancy at various municipally owned facilities. Specific work currently identified will help prevent possible trip hazards by replacing and repairing deteriorated flooring.</p> <p>An annual allotment will be allocated based on Building Condition Assessments and other identified needs</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>
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Project Comments/Reference	Version Comments
7155001 Closed: 7159011	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	50,000	100,000	100,000	750,000	750,000	750,000	395,000	739,689	200,000	3,834,689
Total	0	50,000	100,000	100,000	750,000	750,000	750,000	395,000	739,689	200,000	3,834,689
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0
221 Service Sustainability Investm	0	50,000	100,000	100,000	750,000	750,000	750,000	395,000	739,689	200,000	3,834,689
Total	0	50,000	100,000	100,000	750,000	750,000	750,000	395,000	739,689	200,000	3,834,689

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2015	100,000	100,000	0	No operating budget impact.			
		2016	100,000	100,000	0				
		2017	100,000	100,000	0				
		2018	100,000	100,000	0				
		2019	260,000	260,000	0				
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date				
2011	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %		Derek Thachuk	Ongoing`				



Project Version Summary

Project #	PFO-010-21	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Corporate Projects
Title	Public Works Traffic Signals Control Centre Relocation Project		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	Ward 3, Ward 4		
Version Name	Main (Active)		

Project Description

Traffic Operations, including the Signs and Markings and Signals Divisions, currently operates out of 1269 Mercer. Through the years, the needs for these divisions has changed with new technology, increased workload and space requirements. The Signals Division operates the Advanced Traffic Management System (ATMS) from the 1269 Mercer location, this system has expanded over the years and has a hardware value of over \$1M including a number of digital servers and sensitive equipment. Because of the age of the building, the electrical system is no longer able to service the needs of this equipment without significant upgrades.

After reviewing the operations at each 1269 Mercer, 1266 McDougall and 1531 Crawford Yard, it was determined that there would be significant synergies in moving IMS to Crawford Yard. This would free up enough space to accommodate the ATMS and associated staff within the McDougall facility.

As this system is one of the most highly technical systems of it's kind in the Province, creating a more functional space for this equipment, will further provide opportunities to showcase the sophisticated system to outside parties.

The proposed project includes;

- 1- Relocating the ATMS equipment from Mercer to 1266 McDougall, completing electrical upgrades, renovations for the Traffic Operations Centre (TOC).
- 2- Move Information Management Strategy (IMS) staff from the McDougall facility to the Crawford Yard facility and completing some building renovations and/or a small addition as required.
- 3- Completing some minor renovations to the Mercer building to provide suitable work space for the remaining staff.

Version Description

The overall project budget is estimated in the range of \$4.5 M.

Project Comments/Reference

Version Comments

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	47,538	1,231,923	1,292,452	1,289,452	638,635	0	0	0	0	0	4,500,000
Total		47,538	1,231,923	1,292,452	1,289,452	638,635	0	0	0	0	0	4,500,000
Revenues												
169	Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0
221	Service Sustainability Investm	47,538	1,231,923	1,292,452	1,289,452	638,635	0	0	0	0	0	4,500,000
Total		47,538	1,231,923	1,292,452	1,289,452	638,635	0	0	0	0	0	4,500,000

Related Projects		Historical Approved Budget				Operating Budget Impact			
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date			
2021		Growth: 0.0 % Maintenance: 100.0 %		Derek Thachuk		TBD`			



Project Version Summary

Project #	PFO-011-21	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Corporate Projects
Title	Public Works Truck Wash Bays		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

This project is for the construction of a drive through indoor wash bay for the purposes of washing large service vehicle such as Recycling Trucks, Refuse Packers, Front End Loader Packers, Street Sweepers. In prior years, trucks were washed at truck wash bay in the Essex-Windsor Solid Waste Authority (EWSWA) Recycling Center. The EWSWA has since repurposed that area and it is no longer available for the same use. Many of these trucks are used six days a week, and on varying shifts. Failure to clean these vehicles on a daily basis will result in a shortened lifecycle. Critical preventative maintenance of these vehicles require proper exterior as well as interior cleaning.

In addition, the current Crawford Truck bay requires maintenance and improvement to meet the safety and operational requirement to service City Truck Fleet. The wash bay is for regular maintenance as well as for washing of salt from Winter Control Truck. This is an essential requirement to maintain the service life of the fleet trucks.

Version Description

2026 Engineering for 2 enclosed truck wash facilities at Crawford Yard and Environmental Services sites.

Construction estimates are as follows:

- Crawford Yard Truck Wash (\$500,000);
- Environmental Service Truck Wash Bay (\$500,000)

Project Comments/Reference

Version Comments

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	0	200,000	0	800,000	0	0	0	0	0	1,000,000
Total	0	0	200,000	0	800,000	0	0	0	0	0	1,000,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0
221 Service Sustainability Investm	0	0	200,000	0	800,000	0	0	0	0	0	1,000,000
Total	0	0	200,000	0	800,000	0	0	0	0	0	1,000,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2021		Growth: 0.0 % Maintenance: 0.0 %	Derek Thachuk	TBD`



Project Version Summary

Project #	PFO-014-21	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Corporate Projects
Title	Access Control System Replacements		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

The physical access control system determines who is allowed to enter or exit, as well as where and when they are allowed to enter or exit. The current access control system is approaching its end-of-life, will ultimately be discontinued, and parts and support will steadily become unavailable.

This project will plan for, design and implement a replacement for the corporate access control system to maintain a safe and secure environment. The scope will include, but not be limited to a replacement of the access control system hardware and software, replace infrastructure (readers, cabling, etc.) where required, add access control locations where required, ensure integration with the Workforce Management system, ensure integration with other corporate security systems, replace access cards with the latest security technology, programming, commissioning, training and service & support.

Version Description

Project Comments/Reference

Version Comments

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	0	0	0	925,000	0	0	550,000	375,000	875,000	2,725,000
Total	0	0	0	0	925,000	0	0	550,000	375,000	875,000	2,725,000
Revenues											
221 Service Sustainability Investm	0	0	0	0	925,000	0	0	550,000	375,000	875,000	2,725,000
Total	0	0	0	0	925,000	0	0	550,000	375,000	875,000	2,725,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2021		Growth: 0.0 % Maintenance: 0.0 %	Derek Thachuk	TBD`



Project Version Summary

Project #	REC-002-21	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Corporate Projects
Title	Adie Knox Herman Reimagining Project		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	Ward 2		
Version Name	Main (Active)		

Project Description	
The capital funding for this project involves the reimagining of the Adie Knox Recreation Complex to include but not limited to a new gymnasium, program rooms, fitness centre, music room, washrooms, outdoor sports amenities, shade structure and walking trail.	
Version Description	
Project is underway with construction expected to be complete in late 2025	
Project to remain open until pre-committed budget is received.	
Project Comments/Reference	Version Comments
7211050	COMMITMENTS: CR329/2022 - C 110/2022: 2024 F169 \$4,948,358 - F160 \$375,000 - 2025 F169 \$3,150,000 - 2026 F221 \$2,225 - 2027 F221 \$2,400,000 F169 \$3,676,723 PLACEHOLDER: CR329/2022 - C 110/2022: 2028 F169 \$1,283,649 F221 \$26,000 (Phase 1 - funds pre-committed and available for immediate use when within the 5 year window). CR329/2022 - C 110/2022: 2024 F221 3,274,730 - 2025 F221 \$2,272,045 - 2026 F221 \$2,653,225

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	8,598,088	5,422,045	2,655,450	6,076,723	1,309,649	0	0	0	0	0	24,061,955
Total		8,598,088	5,422,045	2,655,450	6,076,723	1,309,649	0	0	0	0	0	24,061,955
Revenues												
160	Capital Expenditure Reserve	0	0	0	0	0	0	0	0	0	0	0
160CF	Committed Funding	375,000	0	0	0	0	0	0	0	0	0	375,000
169	Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0
169CF	Committed Funding	4,948,358	1,000,000	0	3,676,723	1,283,649	0	0	0	0	0	10,908,730
176CF	Committed Funding	0	2,150,000	0	0	0	0	0	0	0	0	2,150,000
221	Service Sustainability Investm	0	0	0	0	0	0	0	0	0	0	0
221CF	Committed Funding	3,274,730	2,272,045	2,655,450	2,400,000	26,000	0	0	0	0	0	10,628,225
Total		8,598,088	5,422,045	2,655,450	6,076,723	1,309,649	0	0	0	0	0	24,061,955

Related Projects		Historical Approved Budget				Operating Budget Impact	
				Revenue			
Year Identified	Start Date	Year	Total Expense	Net City Cost	Subsidies		
		2022	2,000,000	2,000,000	0		
		2023	2,938,045	2,938,045	0		
2021		Growth: 61.9 % Maintenance: 38.1 %		Colleen Middaugh		2025`	



Project Version Summary

Project #	ECP-002-08	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Design
Title	Provincial Rd./Division Rd. Corridor Infrastructure Improvements		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
Wards	Ward 9		
Version Name	Main (Active)		

Project 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. Limits on Provincial are from City Limits to the junction with Division Road and continuing along Division to Howard near Marentette. Limits on Division are from Cabana through to Marentette.	
Version Description	
2025-2026: Phase 3 – Design & Construction - Provincial from Cabana Road E. to Sixth Concession Drain near Legacy Park Drive Pre-commitment of funding in these years allowed the construction of Phase 3 to start in 2022 for completion in 2023.	
2028-2033+: Phase 4 – Design & Construction - Provincial Road from east of Lowes intersection to Walker Road (current estimate is \$15M in 2033)	
The balance of the Provincial/Division Corridor (Phases 5 & 7) are currently estimated as \$40 million. No funding has been identified within the 10 year plan.	
Project Comments/Reference	Version Comments
7086003	COMMITMENTS: CR69/2022 C 13/2022: 2025 F153 \$3,000,000 - F117 \$500,000 - F169 \$6,611,000 - F221 \$3,471,800 - 2026 F153 \$4,500,000 - F169 \$3,700,000 - F221 \$1,800,000. B5/2023 C 26/2023: 2025 F169 \$4,033,120 swapped with F115. 2026 F169 \$2,200,000 swapped with F115.

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	743,371	12,839,429	10,000,000	0	392,000	1,567,550	681,872	1,500,000	3,407,169	7,451,609	38,583,000
Total		743,371	12,839,429	10,000,000	0	392,000	1,567,550	681,872	1,500,000	3,407,169	7,451,609	38,583,000
Revenues												
028	Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0
028CF	Committed Funding	0	0	0	0	0	0	0	0	0	0	0
115	Dev Chg - Roads & Related	0	0	0	0	0	127,408	681,872	1,500,000	1,000,000	0	3,309,280
115CF	Committed Funding	0	4,033,120	2,200,000	0	0	0	0	0	0	0	6,233,120
117	Dev Chg - Storm & Drains	0	0	0	0	0	0	0	0	0	0	0
117CF	Committed Funding	0	500,000	0	0	0	0	0	0	0	0	500,000
153CF	Committed Funding	0	3,000,000	4,500,000	0	0	0	0	0	0	0	7,500,000
169	Pay As You Go - Capital Reserve	0	0	0	0	0	1,440,142	0	0	2,407,169	2,671,609	6,518,920
169CF	Committed Funding	0	1,834,509	1,500,000	0	0	0	0	0	0	0	3,334,509
176CF	Committed Funding	743,371	0	0	0	0	0	0	0	0	0	743,371
221	Service Sustainability Investm	0	0	0	0	392,000	0	0	0	0	4,780,000	5,172,000
221CF	Committed Funding	0	3,471,800	1,800,000	0	0	0	0	0	0	0	5,271,800
Total		743,371	12,839,429	10,000,000	0	392,000	1,567,550	681,872	1,500,000	3,407,169	7,451,609	38,583,000

Related Projects		Historical Approved Budget				Operating Budget Impact				
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
					Total Expense	Net City Cost				
2008	January 1, 2009	Growth: 100.0 % Maintenance: 0.0 %	Paul Mourad	2033 & Beyond	120,000	120,000			0	0
					600,000	600,000				
					8,226,666	4,226,666	4,000,000			
					3,069,000	3,069,000				
					2,000,000	2,000,000				
					2,000,000	2,000,000				
					1,850,000	1,850,000				
					2,000,000	2,000,000				
					Description: Depending on the final design, there may be additional sewer and road maintenance costs.					



Project Version Summary

Project #	ECP-002-10	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Design
Title	Banwell Rd. Infrastructure Improvements		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
Wards	Ward 7, Ward 9		
Version Name	Main (Active)		

Project Description

The 2016 Banwell Road Environmental Study Report recommends improvements to Banwell Road from Tecumseh Rd E to the City Limits (Canadian Pacific Railway). Banwell Road Phase 1 from Tecumseh Rd E to Palmetto was constructed in 2020. Phase 2 from Palmetto to Mulberry including the roundabout at Banwell and Mulberry project was completed in 2023.

The next phases of the works include an interchange at the E.C. Row Expressway, and the remaining section of Banwell Road to the City Limits (Canadian Pacific Railway). This is captured under ENG-003-23.

Version Description

2024-2026: Phase 2 - Construction – Banwell - Palmetto to Mulberry including roundabout. These funds have been pre-committed and construction is currently underway. This phase is expected to be complete Summer 2023.

Project Comments/Reference

7171077

Version Comments

COMMITMENTS:
 B28/2021 funding swap with CR385/2019 - C 132/2019: 2024 F115 \$2,100,000
 CR69/2022 - C 13/2021: 2026 F115 \$2,399,000
 CR232/2022 C 82/2022: 2025 F169 \$375K F221 \$125K and 2026 F169 \$70,640 F221 \$131,192
 reallocated & committed from ECP-005-07.

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	2,100,000	500,000	2,600,832	0	0	0	0	0	0	0	5,200,832
Total		2,100,000	500,000	2,600,832	0	0	0	0	0	0	0	5,200,832
Revenues												
115	Dev Chg - Roads & Related	0	0	0	0	0	0	0	0	0	0	0
115CF	Committed Funding	2,100,000	0	2,399,000	0	0	0	0	0	0	0	4,499,000
169	Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0
169CF	Committed Funding	0	375,000	70,640	0	0	0	0	0	0	0	445,640
221	Service Sustainability Investm	0	0	0	0	0	0	0	0	0	0	0
221CF	Committed Funding	0	125,000	131,192	0	0	0	0	0	0	0	256,192
Total		2,100,000	500,000	2,600,832	0	0	0	0	0	0	0	5,200,832
Related Projects		Historical Approved Budget				Operating Budget Impact						
Precedes						Effective Date		Unknown		Exp/(Rev) FTE Impact		
ECP-009-07						Description				0		0
Project Title												
Intersection Improvements Program												
		Year		Total Expense		Revenue						
						Net City Cost		Subsidies				
		2020		3,050,000		3,050,000		0				
		2021		200,000		200,000		0				
		2022		500,000		500,000		0				
		2023		370,000		370,000		0				
Year Identified	Start Date	Project Type for 2024			Project Lead			Est. Completion Date				
2010	January 1, 2020	Growth: 100.0 % Maintenance: 0.0 %			Paul Mourad			2026`				



Project Version Summary

Project #	ECP-003-07	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Design
Title	Grand Marais Rd. Infrastructure Improvements		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
Wards	Ward 10		
Version Name	Main (Active)		

Project Description

Due to development in the area and current road conditions, road improvements are required from Walker to Howard as described in the ESR that was completed in 2000. Intersection improvements at South Pacific and Parent and reconstruction of Parkdale Avenue between Turner and Walker Road are complete.

Further improvements are planned on Grand Marais Road East and Turner Road as funding becomes available.

Version Description

2030-2033+: Grand Marais - Parent to Walker – Design & Construction

The current estimated cost for works on Grand Marais between Parent and Walker is \$9.3 million. (2023\$)

Project Comments/Reference	Version Comments
7141017 Closed: 7031012	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	0	0	0	0	0	2,000,000	2,000,000	1,000,000	500,000	5,500,000
Total	0	0	0	0	0	0	2,000,000	2,000,000	1,000,000	500,000	5,500,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	381,192	2,000,000	1,000,000	500,000	3,881,192
176 Canada Community-Building Fund	0	0	0	0	0	0	1,618,808	0	0	0	1,618,808
Total	0	0	0	0	0	0	2,000,000	2,000,000	1,000,000	500,000	5,500,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2014	375,000	375,000	0				
		2017	60,000	60,000	0				
		2018	340,000	340,000	0				
					Depending on the final design, there may be additional road maintenance costs.				
Year Identified	Start Date	Project Type for 2024	Project Lead		Est. Completion Date				
2007	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %	Adam Mourad		2033 & Beyond				



Project Version Summary

Project #	ECP-003-08	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Design
Title	Howard Avenue Corridor Infrastructure Improvements- S Cameron Boulevard to Herb Gray Parkway		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
Wards	Ward 1, Ward 9		
Version Name	Main (Active)		

Project Description	
<p>This project relates to improvements on Howard Avenue from South Cameron Boulevard south to the Herb Gray Parkway. Two environmental assessments were completed for this section of Howard Avenue,</p> <ol style="list-style-type: none"> 1) The Howard Avenue ESR – 2003, and more recently 2) The Central Box Study Area - 2017. <p>Improvements to this section of Howard Avenue are required in order to improve existing conditions as well as support growth in the area.</p>	
Version Description	
<p>2024-2032: Phase 1 - Engineering & Construction for the South Cameron / Howard intersection redesign These funds have been pre-committed to facilitate construction start in 2023. This phase is expected to be completed in 2025. Preliminary engineering - Kenilworth to Cabana.</p> <p>No funding has been identified for design or construction for future phases within the 10-year plan.</p>	
Project Comments/Reference	Version Comments
7096001	<p>COMMITMENT: CR269/2020 - IN-CAMERA: 2024 F176 \$2,334,000- 2024 F169 \$500,000; 2024 F176 swapped with F221 per B5/2023 CR261/2023 C 93/2023: 2024 F115 \$2,000,000 2026 F115 \$1,399,000 F169 \$693,400 F221 \$705,600 2027 F115 \$3,814,000 F169 \$2,323,860 F176 \$1,230,140 F221 \$2,000,000</p>

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
2915	Consulting Services - External	0	0	0	0	0	0	0	0	0	0	0
5410	Construction Contracts - TCA	4,834,000	0	2,798,000	9,368,000	0	100,000	1,350,000	0	2,140,000	0	20,590,000
Total		4,834,000	0	2,798,000	9,368,000	0	100,000	1,350,000	0	2,140,000	0	20,590,000
Revenues												
115	Dev Chg - Roads & Related	0	0	0	0	0	100,000	1,350,000	0	2,140,000	0	3,590,000
115CF	Committed Funding	2,417,000	0	1,399,000	3,814,000	0	0	0	0	0	0	7,630,000
169	Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0
169CF	Committed Funding	83,000	0	693,400	2,323,860	0	0	0	0	0	0	3,100,260
176	Canada Community-Building Fund	0	0	0	0	0	0	0	0	0	0	0
176CF	Committed Funding	0	0	0	1,230,140	0	0	0	0	0	0	1,230,140
221	Service Sustainability Investm	0	0	0	0	0	0	0	0	0	0	0
221CF	Committed Funding	2,334,000	0	705,600	2,000,000	0	0	0	0	0	0	5,039,600
Total		4,834,000	0	2,798,000	9,368,000	0	100,000	1,350,000	0	2,140,000	0	20,590,000
Related Projects		Historical Approved Budget				Operating Budget Impact						
				Revenue		Effective Date		Unknown		Exp/(Rev) FTE Impact		
		Year	Total Expense	Net City Cost	Subsidies	Description				0 0		
		2009	150,000	150,000	0	Depending on the final design, there may be additional sewer and road maintenance costs.						
		2020	350,000	350,000	0							
		2022	50,000	50,000	0							
		2023	100,000	100,000	0							
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date						
2008	January 1, 2010	Growth: 3.4 % Maintenance: 96.6 %		Patrick Muzyka		2033 & Beyond						



Project Version Summary

Project #	ECP-003-09	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Design
Title	Cabana Road Infrastructure Improvements		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
Wards	Ward 1, Ward 9		
Version Name	Main (Active)		

Project Description	
<p>Improvements on Cabana Road are required as a result of traffic growth, development of surrounding neighbourhoods and intensification. The Environmental Study Report was approved in 2008.</p> <p>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.</p>	
Version Description	
<p>Phase 4 - Cabana Road from Dominion to Highway 3. Construction is in progress and completion is anticipated by end of 2023. This includes pre-commitments of 2024 & 2025 funding.</p> <p>Phase 5 - Cabana Road from Provincial to Walker. Engineering, Land Acquisition, and Utility relocation in progress. An estimated \$4 million is currently still required in pre-commitment and additional funding to complete this work.</p> <p>2028-2033+: Phase 5 - Cabana Road from Provincial to Walker - Construction. Current estimate is \$16 million.</p>	
Project Comments/Reference	Version Comments
<p>7152001 Close: 7092005</p>	<p>COMMITMENT: CR234/2015 - R18030: 2024 F153 \$590,610 - 2024 F169 \$1,587,685 - 2024 F221 \$1,587,685 - 2025 F153 \$674,308 - 2025 F169 \$1,587,676 - 2025 F221 \$1,587,675 CR293/2023 IN-CAMERA: 2026 F221 \$1,485,000 2027 F221 \$95,000, 2026 F169 \$304,360 2027 F169 \$221,300 CR426/2023 IN-CAMERA: 2024 169CF \$312,163 reallocated to HCS-001-07 and replenished with 176CF.</p> <p>Note: CR248/2019 C 79/2019: ICIP Public Transit Grant (ICIP-WIN-008) This grant will require \$12,208,058 of prior years approved funding. CR293/2023 IN-CAMERA: funds reallocated to ECP-023-07 and ECP-005-07 in 2028-2030 to replenish reallocations done to this project that will allow work to escalate on Cabana Rd in 2026-2027.</p>

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	3,765,980	3,849,659	1,789,360	316,300	0	144,340	450,000	0	2,605,000	0	12,920,639
Total		3,765,980	3,849,659	1,789,360	316,300	0	144,340	450,000	0	2,605,000	0	12,920,639
Revenues												
028	Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0
028CF	Committed Funding	0	0	0	0	0	0	0	0	0	0	0
153	Sewer Surcharge	0	0	0	0	0	0	0	1,310,000	0	0	1,310,000
153CF	Committed Funding	590,610	674,308	0	0	0	0	0	0	0	0	1,264,918
169	Pay As You Go - Capital Reserve	0	0	0	0	0	144,340	450,000	0	840,000	0	1,434,340
169CF	Committed Funding	1,275,522	1,587,676	304,360	221,300	0	0	0	0	0	0	3,388,858
176	Canada Community-Building Fund	0	0	0	0	0	0	0	0	0	0	0
176CF	Committed Funding	312,163	0	0	0	0	0	0	0	0	0	312,163
221	Service Sustainability Investm	0	0	0	0	0	0	0	0	455,000	0	455,000
221CF	Committed Funding	1,587,685	1,587,675	1,485,000	95,000	0	0	0	0	0	0	4,755,360
Total		3,765,980	3,849,659	1,789,360	316,300	0	144,340	450,000	0	2,605,000	0	12,920,639

Related Projects		Historical Approved Budget			Operating Budget Impact		
Follows		Revenue			Effective Date	Unknown	Exp/(Rev) FTE Impact
Project Title		Year	Total Expense	Net City Cost	Subsidies	Description	0 0
ECP-027-07		2009	200,000	200,000	0	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.	
ENG-002-18		2015	125,000	125,000	0		
		2016	3,612,000	3,612,000	0		
		2017	6,468,000	6,468,000	0		
Lennon Drain Improvements		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	7,779,841	6,056,742	1,723,099		
		2022	6,045,060	6,045,060	0		
		2023	1,291,746	1,291,746	0		
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date		
2009	January 1, 2016	Growth: 50.0 % Maintenance: 50.0 %		Jane He	2030`		



Project Version Summary

Project #	ECP-004-07	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Design
Title	Walker Rd. Infrastructure Improvements		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
Wards	Ward 5, Ward 9, Ward 10		
Version Name	Main (Active)		

Project Description
<p>The environmental assessment for Walker Rd. from Riverside Drive East to Highway 401 was completed in 2001. The majority of the proposed works from the EA have been implemented including widening of selected portions of Walker Road.</p> <p>Sections of Walker Road that remain to be constructed include:</p> <ul style="list-style-type: none"> - Foster Avenue to Airport Road; - Temple Drive from Walker Road to Central Avenue, including railway crossing; - Storm Sewer for servicing of Temple Drive, westerly to Byng Avenue.

Version Description
<p>2027-2033: Engineering & Construction – Walker Road - Foster to Calderwood Avenue. Current estimate is \$11 million.</p> <p>The balance of work required for the rest of Walker Road – Calderwood Avenue to Airport Road AND Temple Drive Extension – Cul-de-sac to Walker Road is currently estimated in the range of \$21 million</p>

Project Comments/Reference	Version Comments
7092016 ISF, 7104001	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	0	0	1,200,000	76,805	200,051	0	800,000	5,923,144	1,000,000	9,200,000
Total	0	0	0	1,200,000	76,805	200,051	0	800,000	5,923,144	1,000,000	9,200,000
Revenues											
028 Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0
153 Sewer Surcharge	0	0	0	0	0	0	0	300,000	300,000	0	600,000
169 Pay As You Go - Capital Reserve	0	0	0	0	0	200,051	0	500,000	2,199,949	1,000,000	3,900,000
176 Canada Community-Building Fund	0	0	0	0	0	0	0	0	0	0	0
221 Service Sustainability Investm	0	0	0	1,200,000	76,805	0	0	0	3,423,195	0	4,700,000
Total	0	0	0	1,200,000	76,805	200,051	0	800,000	5,923,144	1,000,000	9,200,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				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				
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date				
2007	January 1, 2007	Growth: 0.0 % Maintenance: 0.0 %		Adam Mourad	2033 & Beyond`				



Project Version Summary

Project #	ECP-005-07	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Design
Title	Tecumseh Rd. E. Infrastructure Improvements		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
Wards	Ward 7, Ward 8		
Version Name	Main (Active)		

Project 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. Next phase is Tecumseh and Forest Glade Intersection.

Version Description

2026-2033: Phase 1 - Design & Construction - Tecumseh Rd. E. and Forest Glade Intersection

2033: Phase 2 - Tecumseh Rd. E. - Little River to Forest Glade and the balance of the remainder of the work identified in the ESR, Tecumseh Rd E from Lauzon Rd to Banwell, including upgrade to the Little River Bridge is currently estimated in the range of \$68 million.

Project Comments/Reference	Version Comments
7231031 Closed: 7092017 7191037	CR293/2023 IN-CAMERA: approved 2026/2027 funds reallocated to ECP-003-09 to escalate work done on Cabana Rd and replenished in years 2028/2029.

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	0	568,808	903,700	450,000	1,075,660	2,701,832	0	400,000	2,100,000	8,200,000
Total	0	0	568,808	903,700	450,000	1,075,660	2,701,832	0	400,000	2,100,000	8,200,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	153,700	450,000	175,660	645,640	0	0	2,100,000	3,525,000
176 Canada Community-Building Fund	0	0	0	0	0	0	0	0	0	0	0
221 Service Sustainability Investm	0	0	568,808	750,000	0	900,000	2,056,192	0	400,000	0	4,675,000
Total	0	0	568,808	903,700	450,000	1,075,660	2,701,832	0	400,000	2,100,000	8,200,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2009	5,400,000	1,800,000	3,600,000				
		2010	3,000,000	1,000,000	2,000,000				
		2020	450,000	450,000	0				
		2021	50,000	50,000	0				
		2022	500,000	500,000	0				
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date				
2007	January 1, 2009	Growth: 0.0 % Maintenance: 0.0 %		Ian Wilson	2033 & Beyond				



Project Version Summary

Project #	ECP-008-07	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Design
Title	Pedestrian Safety Improvements		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
Funding to be used based on priority analysis for various locations. - School approach sidewalks - Transit route sidewalks

Version Description
Funding is allocated to projects based on warrant and priority analysis

Project Comments/Reference	Version Comments
7045034	CR343/2007

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	100,000	0	100,000	0	100,000	0	100,000	100,000	0	100,000	600,000
	Total	100,000	0	100,000	0	100,000	0	100,000	100,000	0	100,000	600,000
Revenues												
169	Pay As You Go - Capital Reserve	100,000	0	100,000	0	100,000	0	100,000	100,000	0	100,000	600,000
	Total	100,000	0	100,000	0	100,000	0	100,000	100,000	0	100,000	600,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		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				
		2022	100,000	100,000	0				
					Depending on the final design, there may be increased sidewalk maintenance costs.				
Year Identified	Start Date	Project Type for 2024	Project Lead		Est. Completion Date				
2007	January 1, 2008	Growth: 100.0 % Maintenance: 0.0 %	Paul Mourad		Ongoing`				



Project Version Summary

Project #	ECP-009-07	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Design
Title	Intersection Improvements Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
 Improvements are completed to address safety concerns at identified intersections selected and based on the most current road safety report.

Version Description
 Various locations as identified in the Road Safety Report. Consultant may be retained to undertake safety audits on each identified location where not previously investigated.
 Funding required to continue implementing recommended improvements.

Project Comments/Reference	Version Comments
7151012 7035046 Closed: 7062007	

Project Detailed Forecast												
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total	
Expenses												
5410 Construction Contracts - TCA	300,000	700,000	0	0	250,000	750,000	500,000	400,000	400,000	400,000	3,700,000	
Total	300,000	700,000	0	0	250,000	750,000	500,000	400,000	400,000	400,000	3,700,000	
Revenues												
169 Pay As You Go - Capital Reserve	300,000	700,000	0	0	250,000	750,000	500,000	400,000	400,000	400,000	3,700,000	
Total	300,000	700,000	0	0	250,000	750,000	500,000	400,000	400,000	400,000	3,700,000	

Related Projects		Historical Approved Budget			Operating Budget Impact				
Follows		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
ECP-002-10		2015	15,000	15,000	0				
EDG-001-11		2019	470,000	470,000	0				
		2020	400,000	400,000	0				
Project Title		2021	500,000	500,000	0				
Banwell Rd. Infrastructure Improvements		2022	500,000	500,000	0				
		Depending on the final design, there may be increased road maintenance costs.							
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date				
2007	January 1, 2019	Growth: 100.0 % Maintenance: 0.0 %		Paul Mourad	2033 & Beyond				



Project Version Summary

Project #	ECP-010-07	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Design
Title	East Riverside Planning District Infrastructure Improvements		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
Wards	Ward 7		
Version Name	Main (Active)		

Project Description

A section of Wyandotte Street East within the alignment laid out by the former Town of Riverside and associated drainage facilities has yet to be completed. This is subject to an environmental assessment prior to these works being constructed. This EA is anticipated to be completed in 2023.

In addition, Jarvis Avenue would be affected by the construction of an outlet sewer to Castle Hill Road. A portion of these works (road and sewer improvements) would be subject to the Local Improvement Policy.

Version Description

2024 & 2033+: Engineering & Construction - Wyandotte Street Extension and Trunk Sewer on Jarvis Avenue to Beverly Glen Street. This work cannot proceed until the completion and approval of the Environmental Assessment and additional currently estimated funding of \$4.3 million is needed.

The Jarvis Avenue Reconstruction from Riverside Drive to Little River Boulevard is currently estimated in the range of \$5.6 million however, there is no funding identified within the 10-year capital budget.

Project Comments/Reference	Version Comments
7193000 Closed: 7033118	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
2950 Other Prof Services-External	400,000	0	0	0	0	2,000,000	0	0	0	0	2,400,000
Total	400,000	0	0	0	0	2,000,000	0	0	0	0	2,400,000
Revenues											
028 Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0
115 Dev Chg - Roads & Related	400,000	0	0	0	0	0	0	0	0	0	400,000
169 Pay As You Go - Capital Reserve	0	0	0	0	0	2,000,000	0	0	0	0	2,000,000
Total	400,000	0	0	0	0	2,000,000	0	0	0	0	2,400,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		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				
		2019	250,000	250,000	0				
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date			
2007	January 1, 2007	Growth: 100.0 % Maintenance: 0.0 %		Paul Mourad / Adam Mourad		2033 & Beyond`			



Project Version Summary

Project #	ECP-013-09	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Design
Title	La Bella Strada - Erie St. Business Improvement Area Streetscaping (SMP)		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
Wards	Ward 3		
Version Name	Main (Active)		

Project Description
CR339/2010 approved the Erie Street BIA Streetscaping - La Bella Strada project. Phase 1A - Howard to Pierre - complete Phase 1B - Erie from McDougall to Howard and Pierre to Lincoln
Erie St E between McDougall Ave & Howard Ave, upgrades to the storm sewer system will be included as outlined in the City Sewer Master Plan.

Version Description
This project will support pedestrian area design elements within the boundaries of the Erie Street Business Improvement Area. Phase 1B – Erie – McDougall to Howard AND Pierre to Lincoln is funded for Engineering only. 2033+: The balance of funding required for the construct phase is currently estimated at \$8 million.

Project Comments/Reference	Version Comments
7183018 Closed: 7109001	

Project Detailed Forecast												
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total	
Expenses												
2915 Consulting Services - External	0	0	0	0	0	0	0	0	0	0	0	
5410 Construction Contracts - TCA	0	0	0	0	0	0	0	0	0	200,000	200,000	
Total	0	0	0	0	0	0	0	0	0	200,000	200,000	
Revenues												
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	200,000	200,000	
176 Canada Community-Building Fund	0	0	0	0	0	0	0	0	0	0	0	
6735 Recovery Of Expenses EXTERNAL	0	0	0	0	0	0	0	0	0	0	0	
Total	0	0	0	0	0	0	0	0	0	200,000	200,000	

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2011	692,634	692,634	0				
		2023	300,000	300,000	0				
					No Operating Budget Impact				
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date				
2009	January 1, 2024	Growth: 0.0 % Maintenance: 0.0 %		Sergio Colucci	2033 & Beyond				



Project Version Summary

Project #	ECP-014-07	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Design
Title	University Avenue/Victoria Avenue		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
Wards	Ward 2, Ward 3		
Version Name	Main (Active)		

Project Description

The University Avenue & Victoria Avenue Environmental Assessment was completed in 2022. This project is the implementation of the recommended alternatives which include the full reconstruction of University Ave (McDougall to Huron Church) and Victoria Ave (Chatham St W to Park St W).

Construction phasing to be determined based on recommendations from EA and / or available funding.

Version Description

2024-2033+: Phase 1 - University Ave - Salter Avenue to McEwan Avenue (2024 estimate is \$15 million)

The balance of the University Corridor is estimated at \$53 million. No funding has been identified within the 10-year plan.

Project Comments/Reference	Version Comments
7229001 7221052 Closed: 7052085 7092020 ISF 7143003	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
2915 Consulting Services - External	650,000	0	0	0	0	0	0	0	0	0	650,000
5410 Construction Contracts - TCA	0	0	0	0	5,000,000	0	0	0	0	2,000,000	7,000,000
Total	650,000	0	0	0	5,000,000	0	0	0	0	2,000,000	7,650,000
Revenues											
028 Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0
153 Sewer Surcharge	0	0	0	0	500,000	0	0	0	0	500,000	1,000,000
169 Pay As You Go - Capital Reserve	0	0	0	0	1,500,000	0	0	0	0	1,000,000	2,500,000
176 Canada Community-Building Fund	0	0	0	0	1,000,000	0	0	0	0	0	1,000,000
221 Service Sustainability Investm	650,000	0	0	0	2,000,000	0	0	0	0	500,000	3,150,000
221CF Committed Funding	0	0	0	0	0	0	0	0	0	0	0
Total	650,000	0	0	0	5,000,000	0	0	0	0	2,000,000	7,650,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				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				
		2018	897,640	0	897,640				
		2019	350,000	350,000	0				
		2020	350,000	350,000	0				
		2022	4,025,000	4,025,000	0				
		2023	1,100,000	1,100,000	0				
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date				
2007	January 1, 2007	Growth: 0.0 % Maintenance: 100.0 %		Paul Mourad	2033 & Beyond`				



Project Version Summary

Project #	ECP-016-07	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Design
Title	The Riverside Drive Vista Improvement		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
Wards	Ward 2, Ward 3, Ward 4, Ward 5, Ward 6, Ward 7		
Version Name	Main (Active)		

Project Description	
<p>The Environmental Study Report was completed in 2007. It contains recommendations on construction phasing for improvements to Riverside Dr. The limits of the study are from Rosedale to the east City limits. Phase 1 from Lauzon to Riverdale is completed. Phase 2A from Ford to St. Rose includes DMAF funding. Phase 3A from Ford to Strabane</p>	
Version Description	
<p>2024-2026: Construction Phase 2A - Ford to St. Rose Pre-commitment of funding was planned to facilitate advance utility relocations in 2023. This project is complex with various stages of construction and coordination of other major infrastructure projects. The works will span over multiple years with completion expected in 2027. This is a DMAF1 program funded project.</p> <p>2025: Engineering and Construction, Riverside / Drouillard Intersection (current estimate is \$1 million).</p> <p>2026-2033: Engineering & Construction Phase 3A - Ford to Strabane (current estimate is \$27 million).</p> <p>The balance of the Riverside Vista corridor is estimated at \$130 million. There is no funding identified for this work within the 10-year plan.</p>	
Project Comments/Reference	Version Comments
7086001	

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
2915	Consulting Services - External	0	2,400,000	0	0	0	0	0	0	0	0	2,400,000
5410	Construction Contracts - TCA	2,215,000	0	1,875,000	4,000,000	2,000,000	2,000,000	2,625,000	6,000,000	2,000,000	3,000,000	25,715,000
Total		2,215,000	2,400,000	1,875,000	4,000,000	2,000,000	2,000,000	2,625,000	6,000,000	2,000,000	3,000,000	28,115,000
Revenues												
169	Pay As You Go - Capital Reserve	553,750	600,000	0	0	0	500,000	0	620,699	825,000	1,200,000	4,299,449
176	Canada Community-Building Fund	0	0	0	0	500,000	0	1,125,000	3,879,301	0	0	5,504,301
221	Service Sustainability Investm	1,661,250	1,800,000	1,875,000	4,000,000	1,500,000	1,500,000	1,500,000	1,500,000	1,175,000	1,800,000	18,311,250
Total		2,215,000	2,400,000	1,875,000	4,000,000	2,000,000	2,000,000	2,625,000	6,000,000	2,000,000	3,000,000	28,115,000

Related Projects		Historical Approved Budget				Operating Budget Impact				
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
					Year	Total Expense				
2007	January 1, 2009	Growth: 25.0 % Maintenance: 75.0 %	Adam Mourad	2033 & Beyond	2008	150,000	150,000	0	0	0
					2009	1,000,000	1,000,000	0	0	0
					2011	500,000	500,000	0	0	0
					2016	3,250,000	3,250,000	0	0	0
					2017	680,000	680,000	0	0	0
					2018	280,000	280,000	0	0	0
					2020	664,000	664,000	0	0	0
					2021	250,000	250,000	0	0	0



Project Version Summary

Project #	ECP-022-07	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Design
Title	Prince Rd./Totten St. Storm Sewer Improvements – (SMP)		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Sewers Infrastructure		
Wards	Ward 10		
Version Name	Main (Active)		

Project Description	
<p>This project will relieve basement, street and property flooding in the Prince Road storm relief drainage area. This project was reviewed in concert with the Sewer Master Plan Implementation prioritization. Recommendations include completing the Prince Road Trunk Sewer Outlet to McKee Creek. An EA was completed in 2022 for the storm sewer outlet. Construction is anticipated to start in 2024.</p> <p>Next priority will include a proposed roundabout at the intersection of Tecumseh/Felix with future phases to include sewer separation on Tecumseh, Dorchester, Felix & Marlborough.</p>	
Version Description	
<p>Balance of storm relief sewers within the Prince Road drainage area are: 2024-2028: Trunk Storm Sewer Outlet - Pre-commitment of funds required for 2024 construction. 2029-2033: Tecumseh/Felix Intersection - Roundabout 2033+: Felix/Marlborough Sewer Separation</p> <p>The balance of the works are on; Felix per Sewer Master Plan is estimated in the range of \$39 million; and, Totten Street from Betts to Mark is currently estimated at \$54.4 million. There are no funds identified for this within the 10-year plan.</p>	
Project Comments/Reference	Version Comments
7086002 7186002	

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	1,898,750	1,721,250	0	0	1,000,000	2,600,000	0	750,000	700,000	1,000,000	9,670,000
Total		1,898,750	1,721,250	0	0	1,000,000	2,600,000	0	750,000	700,000	1,000,000	9,670,000
Revenues												
028	Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0
117	Dev Chg - Storm & Drains	1,384,000	0	0	0	0	0	0	0	0	0	1,384,000
153	Sewer Surcharge	453,500	1,687,500	0	0	1,000,000	1,950,000	0	562,500	700,000	1,000,000	7,353,500
169	Pay As You Go - Capital Reserve	61,250	33,750	0	0	0	650,000	0	187,500	0	0	932,500
221	Service Sustainability Investm	0	0	0	0	0	0	0	0	0	0	0
Total		1,898,750	1,721,250	0	0	1,000,000	2,600,000	0	750,000	700,000	1,000,000	9,670,000

Related Projects		Historical Approved Budget				Operating Budget Impact					
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE	Impact
					Total Expense	Net City Cost					
2007	January 1, 2008	Growth: 85.8 % Maintenance: 14.2 %	Ian Wilson	2033 & Beyond	670,000	670,000				0	0
					325,000	325,000					
					2,000,000	2,000,000					
					4,620,000	4,620,000					
					125,000	125,000					
					80,000	80,000					
					1,180,000	1,180,000					

Operating Budget Impact
Effective Date Unknown
Exp/(Rev) 0
FTE 0
Impact 0
Description
 Depending on the final design, there may be decreased road and sewer maintenance costs.



Project Version Summary

Project #	ECP-023-07	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Design
Title	Parent Ave./McDougall Ave. Storm Sewer (SMP)		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
Wards	Ward 3, Ward 4		
Version Name	Main (Active)		

Project Description	
<p>To relieve basement, street and property flooding in the Parent/McDougall storm relief area per Dillon's 1974 report. Construction of sewers will increase capacity to handle major storms. Limits of the report area are CPR, McDougall, Lincoln and Detroit River.</p> <p>This project will be reviewed in concert with the Sewer Master Plan Implementation prioritization.</p>	
Version Description	
<p>2024-2026: Giles Storm Sewer - Langlois to Gladstone Engineering & Construction These funds were pre-committed in order to facilitate construction in 2022. Construction is complete.</p> <p>2026-2033+: McDougall Storm Relief Sewer - Phase 1 (Erie Street East to Giles Boulevard East). Construction timing will be based on availability of funding. Current estimate is \$9 million.</p> <p>The next priority for this area is the McDougall Storm Relief Sewer – Phase 2 (Giles Boulevard East to Ellis Street). Current estimate is \$8 million. Future phases include Gladstone (Giles Boulevard East to Richmond Street) with current estimate of \$4 million, and McDougall (Ellis Street to Tecumseh Road). There is no funding identified within the 10-year plan.</p>	
Project Comments/Reference	Version Comments
7182005	<p>COMMITMENTS: CR69/2022 C 13/2022: 2024 F153 \$139,000 - 2025 F153 \$500,000 - 2026 F153 \$561,000</p> <p>CR293/2023 IN-CAMERA: approved 2026/2027 funds reallocated to ECP-003-09 to escalate work done on Cabana Rd and replenished in years 2029/2030.</p>

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	139,000	500,000	561,000	0	0	230,000	1,350,000	4,000,000	500,000	1,000,000	8,280,000
Total		139,000	500,000	561,000	0	0	230,000	1,350,000	4,000,000	500,000	1,000,000	8,280,000
Revenues												
028	Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0
028CF	Committed Funding	0	0	0	0	0	0	0	0	0	0	0
153	Sewer Surcharge	0	0	0	0	0	0	4,000,000	500,000	1,000,000	5,500,000	
153CF	Committed Funding	139,000	500,000	561,000	0	0	0	0	0	0	1,200,000	
169	Pay As You Go - Capital Reserve	0	0	0	0	0	230,000	0	0	0	230,000	
221	Service Sustainability Investm	0	0	0	0	0	0	1,350,000	0	0	1,350,000	
Total		139,000	500,000	561,000	0	0	230,000	1,350,000	4,000,000	500,000	1,000,000	8,280,000

Related Projects		Historical Approved Budget				Operating Budget Impact		
Year	Total Expense	Revenue		Subsidies	Effective Date	Unknown	Exp/(Rev)	FTE Impact
		Net City Cost						
2018	250,000	250,000		0				
2022	2,950,000	2,950,000		0				
					Description		0	0
					Depending on the final design, there may be decreased road and sewer maintenance costs.			

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2007	January 1, 2018	Growth: 0.0 % Maintenance: 100.0 %	Aojeen Issac	2033 & Beyond`



Project Version Summary

Project #	ECP-035-07	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Design
Title	City Wide Sewer Rehabilitation Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Sewers Infrastructure		
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 CCTV inspection and emergency call activity and are coordinated with other works (road and utility) where possible.

Version Description

Please see attachment for further details. Projects are identified for planning purposes only and are subject to change as priorities shift and considering opportunities to partner with other works. 1-2 projects may be completed per year under existing funding allocations as a result of inflationary pressures.

Project Comments/Reference

See Document Attached.
 OPEN:
 7092009, 7164007, 7171003, 7171005, 7171009, 7181007, 7181008, 7191024-7191026, 7201026, 7201027, 7201028, 7213002, 7213003, 7213004, 7221031, 7221032, 7221033, 7231008

CLOSED:
 7082006-7082026, 7092008, 7092010-7092012, 7103002-7103007, 7111014-7111018, 7132000, 7134000-7134002, 7134004-7134005, 7144000-7144006, 7153001-7153005, 7164001, 7164003-7164005, 7164008, 7161062-7161063, 7171004-7171008, 7181001-7181004, 7181006, 7181009, 7201025

Version Comments

COMMITMENT:
 CR252/2022 C 97/2022: 2026 F153 \$780,000
 CR510/2022 C 197/2022: 2025 F153 \$2,335,000
 CR19/2023 C 226/2022: 2026 F153 \$450,000
 CR394/2023 C 131/2023: 2024 F153 \$4,400,000

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	6,037,000	8,555,000	10,304,375	6,613,550	10,712,249	10,450,000	10,150,000	9,000,000	10,194,705	14,880,000	96,896,879
Total		6,037,000	8,555,000	10,304,375	6,613,550	10,712,249	10,450,000	10,150,000	9,000,000	10,194,705	14,880,000	96,896,879
Revenues												
028	Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0
028CF	Committed Funding	0	0	0	0	0	0	0	0	0	0	0
153	Sewer Surcharge	1,637,000	6,220,000	8,574,375	6,613,550	9,512,249	9,650,000	9,650,000	8,500,000	10,194,705	14,880,000	85,431,879
153CF	Committed Funding	4,400,000	2,335,000	1,230,000	0	0	0	0	0	0	0	7,965,000
221	Service Sustainability Investm	0	0	500,000	0	1,200,000	800,000	500,000	500,000	0	0	3,500,000
Total		6,037,000	8,555,000	10,304,375	6,613,550	10,712,249	10,450,000	10,150,000	9,000,000	10,194,705	14,880,000	96,896,879

Related Projects		Historical Approved Budget				Operating Budget Impact				
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
					Total Expense	Net City Cost	Subsidies	Description	0	0
2007	January 1, 2007	Growth: 0.0 % Maintenance: 100.0 %	Fahd Mikhael	Ongoing`	8,078,000	8,078,000				
					9,069,000	9,069,000				
					10,797,000	10,797,000				
					11,611,000	11,611,000				
					8,700,000	8,700,000				
					7,250,000	7,250,000				
					10,425,000	9,350,000	1,075,000			
					15,055,000	15,055,000				
					10,700,000	10,700,000				
					12,500,000	12,500,000				
					18,116,000	14,160,000	3,956,000			
					14,116,673	14,116,673				
					12,280,000	12,280,000				
					8,208,750	8,208,750				
					9,348,500	9,348,500				
					10,245,000	10,245,000				
					10,343,000	10,343,000				

Project Attachments
For: 2024

Project # ECP-035-07

Project Name: City Wide Sewer Rehabilitation Program

Project#	STREET	FROM	TO	Sewer Type	Ward	2024	Allocation of 2024 Costs		
							Construction	Engineering	Land Acquisition
Construction	Barrymore Ln	Prince Rd	Brock St	Over / Under	2	\$4,460	\$ 4,000	\$ 460	-
	St. Luke Rd Ph 1	Alice St	Tecumseh Rd	Over / Under	5	\$1,247	\$ 1,100	\$ 147	
Engineering ONLY - For 2026 Projects						\$ 330		\$ 330	
Grand Total						\$ 6,037	\$ 5,100	\$ 937	\$ -

Revised Aug 22, 2023

Project Attachments
For: 2024

Project # ECP-035-07

Recommended Sewer Rehabilitation Program (2025 - 2033) *

STREET	FROM	TO	Sewer Type	Ward	2025	2026	2027	2028	2029	2030	2031	2032	2033	
Construction														
St. Luke Rd Ph 2	Alice St	Tecumseh Rd	Over / Under	5	\$3,523									
Sunset Ave	Wyandotte St W	Cul-De-Sac	Combined	2	\$2,335									
McEwan Ave	Riverside Dr W	University Ave W	Combined	2	\$2,600									
Engineering ONLY - For 2027 Projects						\$97								
Construction														
Ford Blvd	Reginald St	Coronation Ave	Combined	8		\$6,404								
Central Ave	Via Tracks	Franklin St	Over / Under	5		\$3,600								
Engineering ONLY - For 2028 Projects							\$300							
Construction														
Patricia Rd	University Ave	Riverside Dr	Combined	2			\$2,313							
Marentette	Elliott	Erie	Combined	4			\$3,800							
Engineering ONLY - For 2029 Projects								\$500						
Construction														
Chandler Rd	Seminole St	Reginald St	Separated	5				\$6,970						
Westminster Blvd	Joinville Ave	Rose St	Combined	8				\$3,177						
Engineering ONLY - For 2030 Projects								\$565						
Construction														
McEwan	Pelletier	Cul-de-sac	Over / Under	2					\$1,945					
Louis Ave	Lens Ave	Memorial Dr	Combined	4					\$3,601					
Girardot St Ph 1	Prince Rd	Brock St	Over / Under	2					\$4,354					
Engineering ONLY - For 2031 Projects									\$550					
Construction														
Girardot St Ph 2	Prince Rd	Brock St	Over / Under	2						\$4,300				
Erie St Ph 1	Pierre Ave	Lincoln Rd	Combined	4						\$5,250				
Engineering ONLY - For 2032 Projects										\$600				
Construction														
Erie St Ph 2	Pierre Ave	Lincoln Rd	Combined	4							\$6,685			
Alley S. of Tecumseh	Windermere	Kildare	Over / Under	4							\$1,240			
Oak Ph 1	Giles	Tecumseh	Combined	3							\$1,670			
Engineering ONLY - For 2033 Projects											\$600			
Construction														
Oak Ph 2	Giles	Tecumseh	Combined	3								\$4,289		
Chrysler Centre Ph 1	Tecumseh	Grand Marais	Separated	5								\$9,991		
Engineering ONLY - For 2034 Projects												\$600		
Construction														
Chrysler Centre Ph 2	Tecumseh	Grand Marais	Separated	5									\$14,280	
Engineering ONLY - For 2035 Projects													\$600	
Grand Total						\$8,555	\$10,304	\$6,613	\$10,712	\$10,450	\$10,150	\$10,195	\$14,880	\$14,880

* Project list for 2025 - 2033 is preliminary only and must be coordinated with the Windsor Utilities Commission and Operation



Project Version Summary

Project #	ENG-001-16	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Design
Title	Sixth Concession Rd./North Talbot Rd. Infrastructure Improvements		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
Wards	Ward 1, Ward 9		
Version Name	Main (Active)		

Project Description

The project is the implementation of the Sixth Concession/North Talbot EA. Limits are - Sixth Concession Road from Division to North Talbot and on North Talbot from Howard to City limits.

Phase 1 on North Talbot from Howard to the west leg of Southwood Lakes Boulevard is complete.

Version Description

2027-2028: Construction - North Talbot Phase 2 - Southwood Lakes Boulevard (West leg) to Goldenwood . Current estimate is \$6.5 million.
 2031-2033: Engineering for phased works
 The balance of the phased improvements are estimated in the range of \$38 million.

Project Comments/Reference	Version Comments
7171063	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	0	0	1,800,000	3,500,000	0	498,000	1,000,000	1,950,000	1,497,000	10,245,000
Total	0	0	0	1,800,000	3,500,000	0	498,000	1,000,000	1,950,000	1,497,000	10,245,000
Revenues											
115 Dev Chg - Roads & Related	0	0	0	0	0	0	498,000	1,000,000	750,000	750,000	2,998,000
169 Pay As You Go - Capital Reserve	0	0	0	0	2,622,000	0	0	0	0	0	2,622,000
221 Service Sustainability Investm	0	0	0	1,800,000	878,000	0	0	0	1,200,000	747,000	4,625,000
Total	0	0	0	1,800,000	3,500,000	0	498,000	1,000,000	1,950,000	1,497,000	10,245,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2020	2,850,000	2,850,000	0				
		2021	932,000	932,000	0				
		2022	967,000	967,000	0				
		2023	1,000	1,000	0				
					Depending on the final design, there may be increased road and sewer maintenance costs.				
Year Identified	Start Date	Project Type for 2024	Project Lead		Est. Completion Date				
2016	January 1, 2021	Growth: 0.0 % Maintenance: 0.0 %	Paul Mourad		2033 & Beyond				



Project Version Summary

Project #	ENG-001-22	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Design
Title	Cameron Ave Storm Trunk Sewer (SMP)		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Sewers Infrastructure		
Wards	Ward 2		
Version Name	Main (Active)		

Project Description	Construction of new trunk storm sewer with outlet at Detroit River, consisting of 3.0km of storm sewer improvements, separation of existing combined sewers and road reconstruction.
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Version Description	2031: Engineering fees for the Outlet at Detroit River - Schedule C Municipal Class Environmental Assessment Report The balance of funding required for detailed design of the Outlet at Detroit River and Utility Relocation is currently estimated at \$8 million. Phase 1 – Martindale to Detroit River (outlet at Cameron Ave) is currently estimated at \$27 million. There are no funds identified for this work within the 10-year plan.
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Project Comments/Reference	Version Comments

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	0	0	0	0	0	0	800,000	0	0	800,000
Total	0	0	0	0	0	0	0	800,000	0	0	800,000
Revenues											
028 Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0
153 Sewer Surcharge	0	0	0	0	0	0	0	800,000	0	0	800,000
Total	0	0	0	0	0	0	0	800,000	0	0	800,000

Related Projects	Historical Approved Budget	Operating Budget Impact

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2022		Growth: 0.0 % Maintenance: 0.0 %	Ian Wilson	2033 & Beyond`



Project Version Summary

Project #	ENG-002-17	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Design
Title	Bus Bay Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project 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.

Version Description
The school boards have prioritized the following schools: Monseigneur - Jean - Noel Elementary Catholic School

Project Comments/Reference	Version Comments
7119001	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	100,000	0	0	100,000	100,000	100,000	100,000	50,000	0	100,000	650,000
Total	100,000	0	0	100,000	100,000	100,000	100,000	50,000	0	100,000	650,000
Revenues											
169 Pay As You Go - Capital Reserve	100,000	0	0	100,000	100,000	100,000	100,000	50,000	0	100,000	650,000
Total	100,000	0	0	100,000	100,000	100,000	100,000	50,000	0	100,000	650,000

Related Projects	Historical Approved Budget				Operating Budget Impact		
			Revenue		Effective Date Unknown		Exp/(Rev) FTE Impact
	<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Description		0 0
	2022	100,000	100,000	0	Depending on the final design, there may be increase road maintenance costs.		
2023	100,000	100,000	0				

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
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2017	January 1, 2022	Growth: 100.0 % Maintenance: 0.0 %	Paul Mourad	Ongoing`
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Project Version Summary

Project #	ENG-002-22	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Design
Title	Jefferson Drainage Area (SMP)		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Sewers Infrastructure		
Wards	Ward 6, Ward 8		
Version Name	Main (Active)		

Project Description
 Construction of separated storm and sanitary sewers including trunk and storage systems to reduce surface and basement flooding risks in the Edgar St sanitary trunk sewer service area, includes Jefferson Pumping Station Drainage Area. Recommendations were refined in the Sewer and Coastal Flood Protection Master Plan (SMP). Phasing plan was developed with phase 1 construction which began in 2023. Additional funding for subsequent phases is required.

Version Description
 2024-2028: Phase 1 Construction - Jefferson Boulevard - South National to Coronation - combined sewer separation with new trunk storm sewer.
 2032: Engineering for future phases of the implementation plan.
 2033+: Phased engineering and construction of improvements identified in the SMP per the recommended phasing plan (currently estimated at \$161 million). Not funded within 10 year plan.

Project Comments/Reference	Version Comments
7151001	COMMITMENTS: CR277/2023 - C 87/2023 -2024 F153 \$324,498; 2025 F153 \$751; 2027 F153 \$1,630,000

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	324,498	751	0	1,630,000	7,751	0	0	0	750,000	1,000,000	3,713,000
	Total	324,498	751	0	1,630,000	7,751	0	0	0	750,000	1,000,000	3,713,000
Revenues												
028	Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0
153	Sewer Surcharge	0	0	0	0	7,751	0	0	0	750,000	1,000,000	1,757,751
153CF	Committed Funding	324,498	751	0	1,630,000	0	0	0	0	0	0	1,955,249
169	Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0
221	Service Sustainability Investm	0	0	0	0	0	0	0	0	0	0	0
	Total	324,498	751	0	1,630,000	7,751	0	0	0	750,000	1,000,000	3,713,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2022		Growth: 100.0 % Maintenance: 0.0 %	Ian Wilson	2033 & Beyond



Project Version Summary

Project #	ENG-004-23	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Design
Title	Dominion - Ojibway to Totten/ Ojibway Storm Outlet		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
Wards	Ward 10		
Version Name	Main (Active)		

Project Description

The new storm sewer design will be based on South Cameron Planning Area Functional Design Report as prepared by Haddad Morgan and Associates Ltd.

South Cameron Storm Outlet through Ojibway trunk sewer is required prior to construction on Dominion (Ojibway to Totten), based on Haddad Morgan's recommendation to provide an outlet for the storm sewer system.

Version Description

2027-2033+: Engineering & Construction - Ojibway (Storm Trunk Sewer) phase 1 - St. Clair Avenue to Roxborough Boulevard is currently estimated at \$8.3 million

2033+: Ojibway (Storm Trunk Sewer) phase 2 - Roxborough Blvd to Dominion - currently estimated at \$9.5 million.

Dominion - Ojibway to Totten is currently estimated at \$19 million, and is not funded in the current 10 year plan.

Project Comments/Reference	Version Comments

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	0	0	0	276,520	300,051	1,600,000	500,000	4,123,429	2,000,000	400,000	9,200,000
	Total	0	0	0	276,520	300,051	1,600,000	500,000	4,123,429	2,000,000	400,000	9,200,000
Revenues												
153	Sewer Surcharge	0	0	0	0	0	0	0	1,150,000	0	0	1,150,000
169	Pay As You Go - Capital Reserve	0	0	0	276,520	300,051	500,000	500,000	2,973,429	1,000,000	200,000	5,750,000
176	Canada Community-Building Fund	0	0	0	0	0	0	0	0	0	0	0
221	Service Sustainability Investm	0	0	0	0	0	1,100,000	0	0	1,000,000	200,000	2,300,000
	Total	0	0	0	276,520	300,051	1,600,000	500,000	4,123,429	2,000,000	400,000	9,200,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2023		Growth: 0.0 % Maintenance: 0.0 %	Aojeen Issac	TBD`



Project Version Summary

Project #	ENG-005-17	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Design
Title	Central Box EA Road and Infrastructure Improvements (SMP)		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
Wards	Ward 9, Ward 10		
Version Name	Main (Active)		

Project Description

The Central Box EA (2017) 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.

Works related to the Dougall/Ouellette Place intersection have been completed.

The Dominion work started construction in 2023 from Northwood to Ojibway.

Version Description

2024-2026: Engineering and Construction - Dominion - Northwood to Ojibway - \$4 million
 These funds were pre-committed to facilitate construction in 2023.

Subsequent phases required to complete the work in Central Box EA to follow. There is currently no funding within the 10 year plan.

Project Comments/Reference

7161061, 7171084, 7203004

Version Comments

COMMITMENT:
 CR69/2022 - C13/2022 - (7171084): 2024 F169 \$1,925,000 - F221 \$1,275,000 - 2025 F169 \$225,000 - F221 \$75,000 - 2026 F169 \$375,000 - \$F221 \$125,000

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	3,200,000	300,000	500,000	0	0	0	0	0	0	0	4,000,000
Total	3,200,000	300,000	500,000	0	0	0	0	0	0	0	4,000,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0
169CF Committed Funding	1,925,000	225,000	375,000	0	0	0	0	0	0	0	2,525,000
221 Service Sustainability Investm	0	0	0	0	0	0	0	0	0	0	0
221CF Committed Funding	1,275,000	75,000	125,000	0	0	0	0	0	0	0	1,475,000
Total	3,200,000	300,000	500,000	0	0	0	0	0	0	0	4,000,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2019	1,722,000	1,722,000	0				
		2020	500,000	500,000	0				
		2021	2,743,891	2,650,000	93,891				
		2022	2,100,000	2,100,000	0				
		2023	3,560,000	3,560,000	0				
		Depending on the final design, there may be increased road and bicycle facility maintenance costs.							
Year Identified	Start Date	Project Type for 2024	Project Lead		Est. Completion Date				
2017	January 1, 2019	Growth: 60.2 % Maintenance: 39.8 %	Aojeen Issac		2033 & Beyond				



Project Version Summary

Project #	ENG-006-20	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Design
Title	Local Improvement Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
This project funds Local Improvements related to roads, alleys, sidewalks, street-lighting and sewers.

Version Description
Projects are selected in a priority basis and as per report C 131/2019 approved by council. They are selected based on condition ratings and prioritized installation of new sanitary sewers in un-serviced areas.
2024-2025: Ray Road from 8th Concession to Cul-de-Sac and Joy Road from 8th Concession to Cul-de-Sac.
2025-2033: Project priority list has been prepared and is re-evaluated on an annual basis.

Project Comments/Reference	Version Comments
Active: 7171002 Closed: 7111012, 7159000, 7191008, 7161015, 7221039	

Project Detailed Forecast												
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total	
Expenses												
5410 Construction Contracts - TCA	2,991,282	726,282	1,637,000	1,250,000	1,550,000	1,295,000	1,897,436	1,250,000	1,500,000	2,500,000	16,597,000	
Total	2,991,282	726,282	1,637,000	1,250,000	1,550,000	1,295,000	1,897,436	1,250,000	1,500,000	2,500,000	16,597,000	
Revenues												
028 Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0	
153 Sewer Surcharge	1,895,562	545,562	500,000	500,000	750,000	750,000	750,000	500,000	840,000	2,500,000	9,531,124	
160 Capital Expenditure Reserve	0	0	0	0	0	0	0	0	0	0	0	
169 Pay As You Go - Capital Reserve	0	50,000	0	0	200,000	95,000	997,436	300,000	225,000	0	1,867,436	
221 Service Sustainability Investm	815,000	0	887,000	500,000	300,000	300,000	0	300,000	435,000	0	3,537,000	
6735 Recovery Of Expenses EXTERNAL	280,720	130,720	250,000	250,000	300,000	150,000	150,000	150,000	0	0	1,661,440	
Total	2,991,282	726,282	1,637,000	1,250,000	1,550,000	1,295,000	1,897,436	1,250,000	1,500,000	2,500,000	16,597,000	

Related Projects		Historical Approved Budget			Operating Budget Impact
			Revenue		
		Year	Total Expense	Net City Cost	Subsidies
		2020	1,944,800	1,594,800	350,000
		2021	3,850,000	3,569,280	280,720
		2022	1,670,000	1,520,000	150,000
		2023	28,000	28,000	0
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date	
2020	January 1, 2020	Growth: 72.8 % Maintenance: 27.2 %	Adam Mourad	Ongoing`	



Project Version Summary

Project #	ENG-027-17	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Design
Title	Walkerville Theming Implementation		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Community & Economic Development		
Wards	Ward 3, Ward 4		
Version Name	Main (Active)		

Project Description	Placeholder as per the approved 2017 enhanced Capital Budget 5-year plan.
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Version Description	Project is the future implementation of the Walkerville Theming on Districting Plan
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Project Comments/Reference	Version Comments
	PLACEHOLDER: B8/2019 - C 226/2021: 2024 F169 \$1,000,000.

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	1,000,000	0	0	0	0	0	0	0	0	0	1,000,000
Total	1,000,000	0	0	0	0	0	0	0	0	0	1,000,000
Revenues											
169CF Committed Funding	1,000,000	0	0	0	0	0	0	0	0	0	1,000,000
Total	1,000,000	0	0	0	0	0	0	0	0	0	1,000,000

Related Projects	Historical Approved Budget	Operating Budget Impact

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
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2017	January 23, 2017	Growth: 100.0 % Maintenance: 0.0 %	Stacey McGuire	2024`
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Project Version Summary

Project #	ECP-001-10	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Development
Title	Sandwich South Planning Area Stormwater Management Implementation		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Sewers Infrastructure		
Wards	Ward 9		
Version Name	Main (Active)		

Project Description

To provide storm water drainage outlet and regional storm water management facilities for the Sandwich South Lands. The Upper Little River Storm Water Study and Sandwich South Master Servicing Plan (SSMSP) were initiated to develop a plan for the provision, protection, enhancement and restoration of the drainage system. Substantial stormwater management (SWM) facilities are required and are to be constructed in phases, depending on development interest.

Funding will provide for phased design, cost sharing, land acquisition, and construction where applicable to support development and related infrastructure in the Sandwich South lands. The first priority will likely be SWM facilities to service the East Pelton Secondary Plan area.

Version Description

Majority of funding transferred to project EDG-001-11 to partially fund the construction of Ponds P7 and P8 as identified in the SSMSP located at Lauzon Parkway and County Road 42. Remainder of funds in 2026 are anticipated for potential oversizing related to Pond P1 as identified in the SSMSP which would be the outlet for the East Pelton Secondary Plan area.

Project Comments/Reference	Version Comments
7076102 Closed: 7155000	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	612,250	2,884,437	0	0	0	0	0	0	0	3,496,687
Total	0	612,250	2,884,437	0	0	0	0	0	0	0	3,496,687
Revenues											
028 Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0
117 Dev Chg - Storm & Drains	0	0	0	0	0	0	0	0	0	0	0
153 Sewer Surcharge	0	612,250	2,884,437	0	0	0	0	0	0	0	3,496,687
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0
176 Canada Community-Building Fund	0	0	0	0	0	0	0	0	0	0	0
Total	0	612,250	2,884,437	0	0	0	0	0	0	0	3,496,687

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2015	250,000	250,000	0				
		2018	500,000	500,000	0				
		2020	500,000	500,000	0				
		2021	500,000	500,000	0				
		2022	1,000,000	1,000,000	0				
		2023	2,000,000	2,000,000	0				
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date				
2010	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %		Robert Perissinotti	2033 & Beyond`				



Project Version Summary

Project #	ECP-001-24	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Development
Title	Municipal Drains – Rehabilitation Implementation and Construction		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Sewers Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

Municipal drain cleaning, improvements and realignments are implemented as Capital Works through Drainage Engineer Reports (ECP-004-08) under the Drainage Act.

As directed by City Council and approved by the City of Windsor Act, 1968 and CR388/2007, municipal drain maintenance is charged to the general tax levy and/or to the sewer surcharge levy rather than through special assessment to benefiting property owners as is permitted by the Drainage Act.

Version Description

Priority capital improvement projects for Municipal Drains identified in the 10-year horizon include, but are not limited to:

- Russette Drain
- McKee Drain
- Talsma Drain

Project Comments/Reference	Version Comments

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	1,200,000	2,000,000	0	0	0	0	0	0	0	0	3,200,000
	Total	1,200,000	2,000,000	0	0	0	0	0	0	0	0	3,200,000
Revenues												
153	Sewer Surcharge	1,200,000	2,000,000	0	0	0	0	0	0	0	0	3,200,000
	Total	1,200,000	2,000,000	0	0	0	0	0	0	0	0	3,200,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2024		Growth: 0.0 % Maintenance: 100.0 %	Tom Graziano	2034 & beyond



Project Version Summary

Project #	ECP-004-08	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Development
Title	Municipal Drains Program - Drainage Reports and Assessments		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Sewers Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
<p>The ongoing maintenance of Municipal Drains is required by the Drainage Act. Any person affected by the condition of a drain has the power to compel repairs and places potential liability on the responsible municipality.</p> <p>In order to maintain existing municipal drains and to update Drainage Engineer reports on a 70 year cycle, sustained investments in this project are required. Significant Capital project implementation is funded through ECP-001-24.</p>

Version Description
<p>Municipal Drains: 2024-2033: Drainage Engineer Reports and minor maintenance work as required based on property owner requests, inspection and maintenance reports and development impacts.</p>

Project Comments/Reference	Version Comments
7086004	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
2950 Other Prof Services-External	250,000	336,000	500,000	500,000	0	600,000	600,000	800,000	500,000	0	4,086,000
Total	250,000	336,000	500,000	500,000	0	600,000	600,000	800,000	500,000	0	4,086,000
Revenues											
028 Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0
153 Sewer Surcharge	250,000	250,000	500,000	500,000	0	600,000	600,000	800,000	500,000	0	4,000,000
221 Service Sustainability Investm	0	86,000	0	0	0	0	0	0	0	0	86,000
Total	250,000	336,000	500,000	500,000	0	600,000	600,000	800,000	500,000	0	4,086,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2008	400,000	400,000	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	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				
		2018	200,000	200,000	0				
		2019	500,000	500,000	0				
		2020	200,000	200,000	0				
		2021	545,000	545,000	0				
		2022	250,000	250,000	0				
		2023	419,000	419,000	0				
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date			
2008	January 1, 2008	Growth: 0.0 % Maintenance: 100.0 %		Tom Graziano		Ongoing`			



Project Version Summary

Project #	ECP-005-08	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Development
Title	Grand Marais Drain Improvements (Concrete Channel)		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Sewers Infrastructure		
Wards	Ward 10		
Version Name	Main (Active)		

Project Description

The Grand Marais Drain Channel Improvements Environmental Assessment was completed in 2012. The Environmental Assessment recommended a reconstruction that would involve a variety of formats that support additional enclosure, naturalization, and expansion of recreational opportunities. The existing concrete channel between Dougall Avenue and Huron Church Road requires total replacement by 2066.

Immediate repairs to the existing concrete channel in the sections from Dominion Boulevard downstream to Huron Church Road and Dougall Avenue downstream to Bruce Avenue have been completed on an as needed basis. Further repairs beginning at Dougall Avenue were identified to be required by 2026.

The entire length of the drain is planned to be improved through this program. An update will be required to the EA prior to starting any works.

Version Description

Grand Marais Drain Improvements (Concrete Channel):
 2029: Update to Environmental Assessment - \$100,000
 Engineering and construction - repairs from Dougall Avenue downstream to Bruce Avenue - \$920,500
 Engineering – Repairs from Dominion Boulevard downstream to Huron Church Road - \$149,000
 2030: Construction - Repairs from Dominion Boulevard downstream to Huron Church Road - \$1,098,420
 2031: Engineering for Repairs from Bruce Avenue to Dominion Boulevard - \$350,000
 2032: Phased Construction - Repairs from Bruce Avenue to Dominion Boulevard - \$800,000
 2033+: Phased Construction - \$45,000,000

Project Comments/Reference

7086005

Version Comments

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	0	0	0	0	1,169,500	1,098,420	350,000	800,000	500,000	3,917,920
Total	0	0	0	0	0	1,169,500	1,098,420	350,000	800,000	500,000	3,917,920
Revenues											
028 Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0
153 Sewer Surcharge	0	0	0	0	0	1,169,500	1,098,420	350,000	800,000	500,000	3,917,920
Total	0	0	0	0	0	1,169,500	1,098,420	350,000	800,000	500,000	3,917,920

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				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				
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date			
2008	January 1, 2010	Growth: 0.0 % Maintenance: 0.0 %		Tom Graziano		2033 & Beyond			



Project Version Summary

Project #	ECP-028-07	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Development
Title	Grand Marais Drain Rehabilitation Program (Existing Naturalized Channel)		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Sewers Infrastructure		
Wards	Ward 5, Ward 10		
Version Name	Main (Active)		

Project Description

The naturalized channel of the Grand Marais Drain east of South Cameron Boulevard was the subject of an Environmental Assessment in 2012 and revision in 2015. Segments between South Cameron Boulevard and Howard Avenue and between Turner Road and Byng Road, as well the Lafarge Canada Bridge, have been implemented to date.

The remaining work to be completed between Howard Avenue and Turner Road will address conveyance capacity improvements that had been identified which will allow for the decommissioning of various temporary stormwater ponds near the drain and release of lands back to owners. Regular and ongoing maintenance of the drain and of culverts is also funded through this account, requiring sustained investment.

Version Description

2026-2032: Phased construction for repairs and maintenance from Howard to Turner

Project Comments/Reference

7082003

Version Comments

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	0	200,250	999,750	1,300,000	650,000	150,000	300,000	0	0	3,600,000
Total	0	0	200,250	999,750	1,300,000	650,000	150,000	300,000	0	0	3,600,000
Revenues											
028 Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0
153 Sewer Surcharge	0	0	200,250	999,750	1,300,000	650,000	150,000	300,000	0	0	3,600,000
Total	0	0	200,250	999,750	1,300,000	650,000	150,000	300,000	0	0	3,600,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		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				
		2018	470,000	470,000	0				
		2019	1,600,000	1,600,000	0				
		2021	732,000	732,000	0				
		2022	500,000	500,000	0				
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date			
2007	January 1, 2008	Growth: 0.0 % Maintenance: 0.0 %		Tom Graziano		Ongoing`			



Project Version Summary

Project #	ECP-041-07	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Development
Title	New Infrastructure Development - Cost Sharing for Infrastructure (Developer-related)		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Sewers Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	This ongoing allotment is used to repay developers to oversize, extend or construct sewers and roads so other lands can be serviced. Financing charges will be incurred for any payments made to developers outside the funding available in the current year.
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Version Description	Funding source for City's share of oversizing and servicing for anticipated developments.
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Project Comments/Reference	Version Comments
7035119	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	300,000	1,767,200	0	0	200,000	500,000	500,000	500,000	500,000	1,000,000	5,267,200
Total	300,000	1,767,200	0	0	200,000	500,000	500,000	500,000	500,000	1,000,000	5,267,200
Revenues											
028 Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0
115 Dev Chg - Roads & Related	0	0	0	0	0	300,000	300,000	0	0	0	600,000
153 Sewer Surcharge	300,000	1,767,200	0	0	200,000	200,000	200,000	150,000	500,000	1,000,000	4,317,200
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	350,000	0	0	350,000
Total	300,000	1,767,200	0	0	200,000	500,000	500,000	500,000	500,000	1,000,000	5,267,200

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				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				
		2018	22,500	22,500	0				
		2019	755,000	755,000	0				
		2021	272,500	272,500	0				
		2022	800,000	800,000	0				
		2023	450,000	450,000	0				
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date			
2007	January 1, 2015	Growth: 100.0 % Maintenance: 0.0 %		Patrick Winters		Ongoing`			



Project Version Summary

Project #	EDG-001-11	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Development
Title	Lauzon Parkway & County Rd. 42 Infrastructure Improvements		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
Wards	Ward 9		
Version Name	Main (Active)		

Project Description	
<p>This Project is to implement the Lauzon Parkway Environmental Assessment (EA).</p> <p>The limits are Lauzon Parkway (E C Row to 401), County Road 42 (Walker to City limits) and E-W Arterial (Walker Road to County Road 17).</p> <p>Design is underway for County Road 42 (Walker to City Limits) and Lauzon Parkway (EC Row to County Road 42), The construction of the Lauzon Parkway/County Rd 42 intersection, including Ponds P7 & P8 as identified in the Sandwich South Master Servicing Plan (SSMSP) is anticipated to be the first phase for construction.</p> <p>Note: Funds transferred from ECP-001-10 for Ponds P7 and P8, identified within this corridor which are required to be completed in conjunction with the improvements noted in this project.</p>	
Version Description	
<p>2024: Detailed design, site investigations, land acquisition and preliminary utility relocation activities - County Rd 42 (Walker to City Limits) and Lauzon Parkway (EC Row to County Road 42 including intersection realignment).</p> <p>2025-2032: Construction - Lauzon Parkway/County Road 42 intersection including Pond P7 and partial buildout of Pond P8 as identified in the SSMSP.</p> <p>The balance of the funds required are estimated (2023 Pricing) to be;</p> <ul style="list-style-type: none"> - County Road 42 – Walker Rd to City Limits - \$70 million. This is in addition to Lauzon Pkwy & CR42 Intersection Realignment which is funded. - Lauzon Pkwy - County Road 42 to Highway 401 Interchange - \$115 million 	
Project Comments/Reference	Version Comments
<p>7197000 Closed: 7109005</p>	<p>COMMITMENTS CR238/2023 IN-CAMERA: 2024 F169 \$1,077,570 CR394/2023-C 131/2023: 2024 F115 \$3,300,000</p> <p>Note: Approval of the new hospital may require acceleration of these funds.</p>

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	4,377,570	5,584,000	6,103,313	7,326,253	0	9,432,547	10,325,000	3,000,000	3,500,000	0	49,648,683
	Total	4,377,570	5,584,000	6,103,313	7,326,253	0	9,432,547	10,325,000	3,000,000	3,500,000	0	49,648,683
Revenues												
115	Dev Chg - Roads & Related	0	5,584,000	5,703,313	5,247,832	0	6,000,000	8,050,000	0	0	0	30,585,145
115CF	Committed Funding	3,300,000	0	0	0	0	0	0	0	0	0	3,300,000
117	Dev Chg - Storm & Drains	0	0	0	0	0	0	0	0	0	0	0
153	Sewer Surcharge	0	0	0	1,345,836	0	157,800	2,275,000	2,016,952	3,000,000	0	8,795,588
169	Pay As You Go - Capital Reserve	0	0	0	134,703	0	3,274,747	0	483,048	0	0	3,892,498
169CF	Committed Funding	1,077,570	0	0	0	0	0	0	0	0	0	1,077,570
176	Canada Community-Building Fund	0	0	0	0	0	0	0	0	0	0	0
221	Service Sustainability Investm	0	0	400,000	597,882	0	0	0	500,000	500,000	0	1,997,882
	Total	4,377,570	5,584,000	6,103,313	7,326,253	0	9,432,547	10,325,000	3,000,000	3,500,000	0	49,648,683

Related Projects		Historical Approved Budget				Operating Budget Impact		
Precedes				Revenue		Effective Date	Unknown	Exp/(Rev) FTE Impact
ECP-009-07		Year	Total Expense	Net City Cost	Subsidies	Description	0	0
Project Title		2011	50,000	0	50,000	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.		
		2012	50,000	0	50,000			
		2013	50,000	0	50,000			
		2019	1,500,000	1,500,000	0			
		2020	1,500,000	1,500,000	0			
		2021	550,000	550,000	0			
		2023	1,000,000	1,000,000	0			
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date		
2011	January 1, 2021	Growth: 75.4 % Maintenance: 24.6 %		Ryan Langlois		2033 & Beyond'		



Project Version Summary

Project #	ENG-001-13	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Development
Title	Capital Rehabilitation Program for Little River Steel Retaining Walls		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Sewers Infrastructure		
Wards	Ward 6, Ward 7		
Version Name	Main - Little River Steel Retaining Walls (Active)		

Project Description

Steel retaining walls and earth dykes have been constructed along the Little River between Riverside Drive and the VIA Rail tracks beginning in 1983 to provide flood protection to the immediate neighbourhoods of the area which have high risk of overland flooding. This offers vital flood protection for over 2000 homes and the Little River Pollution Control Plant.

A condition survey and structural evaluation of the 2.5km system of Little River Steel Retaining Walls was completed in 2012. It was determined that the existing shorewall is stable and generally in good condition, however the system requires rehabilitation in order to extend service life beyond 2031. Repairs to the retaining walls may be phased over a number of years and funding for future replacement must be considered.

In addition, it has been observed that the dykes have been breached at several residences along the Little River. Reinstatement of those breaches and restoration of the original dyke elevations is required to return to intended levels of protection. After consultation with area residents, this project is now proceeding.

Version Description

2024 - 2033: Phased repairs to retaining wall
 2034+: Phased replacement of retaining wall - \$20,500,000

Grant funding programs will be leveraged where possible to assist in offsetting construction costs

Project Comments/Reference

7141019

Version Comments

Project Detailed Forecast													
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total	
Expenses													
5410	Construction Contracts - TCA	500,000	400,000	0	0	1,500,000	500,000	500,000	700,000	1,300,000	1,000,000	6,400,000	
Total		500,000	400,000	0	0	1,500,000	500,000	500,000	700,000	1,300,000	1,000,000	6,400,000	
Revenues													
028	Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0	
153	Sewer Surcharge	500,000	400,000	0	0	500,000	500,000	500,000	500,000	750,000	1,000,000	4,650,000	
169	Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	200,000	550,000	0	750,000	
221	Service Sustainability Investm	0	0	0	0	1,000,000	0	0	0	0	0	1,000,000	
Total		500,000	400,000	0	0	1,500,000	500,000	500,000	700,000	1,300,000	1,000,000	6,400,000	
Related Projects													
		Historical Approved Budget				Operating Budget Impact							
				Revenue				Effective Date		Unknown		Exp/(Rev) FTE Impact	
		Year	Total Expense	Net City Cost	Subsidies	Description				0		0	
		2014	1,000,000	500,000	500,000	No Operating Budget Impact							
		2016	500,000	500,000	0								
		2017	1,000,000	1,000,000	0								
		2018	500,000	500,000	0								
		2020	1,000,000	1,000,000	0								
		2023	600,000	600,000	0								
Year Identified	Start Date	Project Type for 2024		Project Lead			Est. Completion Date						
2013	January 1, 2014	Growth: 0.0 % Maintenance: 100.0 %		Tom Graziano			2033 & Beyond						



Project Version Summary

Project #	ENG-002-16	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Development
Title	Improvements to Little River Municipal Drain (Lauzon Rd. to VIA Tracks)		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Sewers Infrastructure		
Wards	Ward 6, Ward 7, Ward 8		
Version Name	Main (Active)		

Project Description
<p>The Little River municipal drain is the stormwater outlet for 33% of the City’s 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 of the river using natural channel design techniques to create a sustainable river corridor was completed in 2012.</p> <p>The intended design features and plantings would create a more sustainable river corridor and control sediment with an off-line pool.</p> <p>A formal Environmental Assessment process including public consultation was conducted in 2023. On completion of the EA, implementation is required and is proposed as part of this program. Design and construction may be phased depending on available funding.</p>

Version Description
<p>2024-2025: Phased Design & Construction of the preferred solution 2033: Phased Design & Construction of the preferred solution.</p> <p>Grant funding programs will be leveraged where possible to assist in offsetting construction costs.</p>

Project Comments/Reference	Version Comments
7201023	

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410 Construction Contracts - TCA		265,000	500,000	0	0	0	0	0	0	0	780,000	1,545,000
	Total	265,000	500,000	0	0	0	0	0	0	0	780,000	1,545,000
Revenues												
028 Sewer Surcharge		0	0	0	0	0	0	0	0	0	0	0
117 Dev Chg - Storm & Drains		0	0	0	0	0	0	0	0	0	780,000	780,000
153 Sewer Surcharge		265,000	500,000	0	0	0	0	0	0	0	0	765,000
	Total	265,000	500,000	0	0	0	0	0	0	0	780,000	1,545,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2020	100,000	100,000	0			0	0
					No Operating Budget Impact				
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date				
2016	January 1, 2020	Growth: 100.0 % Maintenance: 0.0 %		Tom Graziano	2026				



Project Version Summary

Project #	ENG-002-19	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Development
Title	Sewer Master Plan Implementation (SMP)		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Sewers Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

The Sewer and Costal Flood Protection Master Plan (SMP) is now complete and will serve as a guiding document to reduce the risk and impact of flooding in the City. The implementation strategy aligns with recommendations contained in the SMP with various other City priorities/improvements with overlapping goals.

Version Description

Work / Action identified by SMP - funding in the years 2024-2033 include priorities below:

- St. Rose Stormwater Pumping Station
- West Windsor Flood Risk Assessment
- Trunk Sewer Flow Monitoring
- Locate & Mitigate Inflow & Infiltration in Existing Neighbourhoods
- Lauzon Parkway - Hawthorne to Cantalon
- DMAF1 Program projects

Any remaining unallocated funds will be distributed to projects based on priorities identified in the SMP. Grant funding will be leveraged wherever possible.
2033+ \$5.0 Billion

Project Comments/Reference

7196000, 7199004, 7201032, 7201034, 7201035, 7201036, 7211017, 7211018, 7219002, 7219003, 7224002, 7224003, 7224004

Version Comments

COMMITMENTS:
 B13/2021, C 5/2021: \$5,000,000 F153 2024-2025
 B13/2021, C 5/2021: \$5,000,000 F153 2028-2030 to be approved and that once funding for each year is within 5 years is pre-committed and available for immediate use.
 B32/2021 - C 161/2021: 1. Trunk Sewer flow Monitoring (7224003) - 2025 F153 \$81,400 - 2025 F221 \$171,250 2. Locate and Mitigate Inflow & Infiltration of Existing Neighborhoods (7224004) - 2025 - F153 \$94,071 - 2025 F221 \$207,500.

PLACEHOLDER:
 CR379/2020 - C 127/2020: 2024 F153 \$6,500,000 - 2025 F153 \$714,529 (\$890,000 Less per-commitment of \$81,400 & \$94,071) - To be leveraged as the City's matching portion of a grant, should any grant opportunities become available for this project.

Note:
 As part of this Capital Budget submission, Administration is requesting approval to transfer funding between each of SMP - funded project ids within PeopleSoft.

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
2915 Consulting Services - External	7,301,721	1,991,500	2,500,000	4,997,801	2,730,000	3,012,820	226,580	732,799	0	0	23,493,221
5410 Construction Contracts - TCA	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	0	0	5,000,000	40,000,000
Total	12,301,721	6,991,500	7,500,000	9,997,801	7,730,000	8,012,820	5,226,580	732,799	0	5,000,000	63,493,221
Revenues											
028 Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0
028CF Committed Funding	0	0	0	0	0	0	0	0	0	0	0
153 Sewer Surcharge	801,721	722,750	2,500,000	4,828,121	2,730,000	2,282,500	226,580	732,799	0	5,000,000	19,824,471
153CF Committed Funding	11,500,000	5,890,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	0	0	0	42,390,000
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0
221 Service Sustainability Investm	0	0	0	169,680	0	730,320	0	0	0	0	900,000
221CF Committed Funding	0	378,750	0	0	0	0	0	0	0	0	378,750
Total	12,301,721	6,991,500	7,500,000	9,997,801	7,730,000	8,012,820	5,226,580	732,799	0	5,000,000	63,493,221

Related Projects		Historical Approved Budget			Operating Budget Impact		
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date	Revenue		
					Total Expense	Net City Cost	Subsidies
2019	January 1, 2019	Growth: 0.0 % Maintenance: 100.0 %	Ryan Langlois	Ongoing`	4,812,249	4,812,249	0
					10,250,000	10,250,000	0
					8,970,000	8,970,000	0
					10,760,779	10,760,779	0
					8,970,000	8,970,000	0



Project Version Summary

Project #	ENG-002-23	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Development
Title	LGES (NextStar Energy Inc) Electric Vehicle Battery Plant – Site Servicing		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Sewers Infrastructure		
Wards	Ward 9		
Version Name	Main (Active)		

Project Description											
<p>This project will support the successful construction of the EV Battery Plant Facility to help create good paying jobs for residents of the City of Windsor. Specifically, this project will complete the work necessary to ready the site for development, including but not limited to:</p> <ul style="list-style-type: none"> Traffic Impact Study Archeological Assessment Species at Risk assessment Relocation of the Lachance Drain Roadway improvements at Twin Oaks and EC Row Ave <p>The majority of the works described above have been completed and the remaining roadway and infrastructure improvements must be completed by the end of 2024 to support the opening of the plant.</p>											
Version Description											
Studies, ministry approvals, engineering and construction of site servicing requirements for the EV Battery Plant											
Project Comments/Reference						Version Comments					
7221006						COMMITMENTS: CR129/2022 IN-CAMERA: 2024 F153 \$425,190					
Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	425,190	0	0	0	0	0	0	0	0	0	425,190
Total	425,190	0	0	0	0	0	0	0	0	0	425,190
Revenues											
028 Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0
153 Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0
153CF Committed Funding	425,190	0	0	0	0	0	0	0	0	0	425,190
Total	425,190	0	0	0	0	0	0	0	0	0	425,190

Related Projects		Historical Approved Budget			Operating Budget Impact	
			<u>Revenue</u>			
		<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	
		2023	7,574,810	6,074,810	1,500,000	
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date		
2023		Growth: 100.0 % Maintenance: 0.0 %	Patrick Winters	2024		



Project Version Summary

Project #	ENG-003-13	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Development
Title	Sixth Concession Municipal Drain - Land Acquisition & Capital Improvements		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Sewers Infrastructure		
Wards	Ward 9		
Version Name	Main (Active)		

Project Description	
<p>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. The condition of Baseline Road and the municipal drain along Baseline Road required emergency repairs that were completed. Additional maintenance and remediation is required to maintain service.</p> <p>As part of the Upper Little River Stormwater Master Plan EA and Sandwich South Master Servicing Plan, the 6th Concession Drain is planned to be relocated and improved to provide more stable side slopes from 7th Concession Road to its outlet at the Little River. These works will be phased depending on development pressures in the Sandwich South area. The first priority is the section between 7th Concession Road and 8th Concession Road to service the East Pelton Secondary Plan area.</p> <p>Due to the current condition of the 6th Concession Drain, urgent repairs to the existing drain alignment from 8th Concession Drain to the Little River are expected to proceed as the first phase of construction. Detailed design is underway.</p> <p>Phase 1: Repairs from 8th Concession Road to Little River Phase 2: Improvements from 7th Concession to 8th Concession Phase 3: Phased improvements from 8th Concession to Little River</p>	
Version Description	
<p>2024: Phase 2 Drain improvements- 7th Concession Road to 8th Concession Road 2025: Engineering for Phase 3 drain improvements – 8th Concession to Little River 2033+: Phase 3 drain improvements (construction and land acquisition) – 8th Concession to Little River - \$8 million (2024 \$)</p>	
Project Comments/Reference	Version Comments
7131002	

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	1,145,000	100,000	0	0	0	0	0	0	0	500,000	1,745,000
Total		1,145,000	100,000	0	0	0	0	0	0	0	500,000	1,745,000
Revenues												
028	Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0
117	Dev Chg - Storm & Drains	784,000	0	0	0	0	0	0	0	0	500,000	1,284,000
153	Sewer Surcharge	361,000	100,000	0	0	0	0	0	0	0	0	461,000
Total		1,145,000	100,000	0	0	0	0	0	0	0	500,000	1,745,000
Related Projects		Historical Approved Budget				Operating Budget Impact						
				Revenue		Effective Date		Unknown		Exp/(Rev)		FTE Impact
		Year	Total Expense	Net City Cost	Subsidies	Description				0	0	
		2013	375,000	375,000	0	Depending on the final design, there may be decreased drain maintenance costs.						
		2015	400,000	400,000	0							
		2018	150,000	150,000	0							
		2019	200,000	200,000	0							
		2020	500,000	500,000	0							
		2021	200,000	200,000	0							
		2022	535,000	535,000	0							
		2023	485,000	485,000	0							
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date						
2013	January 1, 2013	Growth: 84.2 % Maintenance: 15.8 %		Shannon Mills		2033 & Beyond`						



Project Version Summary

Project #	ENG-003-19	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Development
Title	New Development- Engineering Studies and EAs		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Sewers Infrastructure		
Wards	Ward 9		
Version Name	Main (Active)		

Project Description

The Sandwich South Master Servicing Plan (SSMSP) is ongoing and has identified several additional Municipal Class EA's required for the area as development starts to proceed. Additional projects will be added based on development pressures in the Sandwich South lands.

Improvements are anticipated to be required on 9th Concession Road from County Rd 42 to Baseline to support the new hospital. An EA will be required to address growth related improvements to 9th Concession from CR42 to the City Limit. The 7th and 8th Concession Roads will be considered in connection with the East Pelton development.

Remaining projects will be prioritized based on development pressures combined with needs analysis from the SSMSP.

Version Description

2028 - 2033: Environmental Assessments and additional studies as required.

Project Comments/Reference

7192000

Version Comments

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
2915	Consulting Services - External	0	0	0	0	540,000	0	0	0	0	300,000	840,000
Total		0	0	0	0	540,000	0	0	0	0	300,000	840,000
Revenues												
028	Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0
115	Dev Chg - Roads & Related	0	0	0	0	240,000	0	0	0	0	0	240,000
116	Dev Chg - Sanitary/Pollution	0	0	0	0	150,000	0	0	0	0	0	150,000
117	Dev Chg - Storm & Drains	0	0	0	0	150,000	0	0	0	0	0	150,000
169	Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	300,000	300,000
Total		0	0	0	0	540,000	0	0	0	0	300,000	840,000
Related Projects		Historical Approved Budget				Operating Budget Impact						
				Revenue								
		Year	Total Expense	Net City Cost	Subsidies							
		2019	1,000,000	1,000,000	0							
		2020	1,300,000	1,300,000	0							
		2023	250,000	250,000	0							
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date						
2019	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Robert Perissinotti		2033 & Beyond'						



Project Version Summary

Project #	ENG-004-21	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Development
Title	Airport Employment Lands Servicing		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Community & Economic Development		
Wards	Ward 9		
Version Name	Main (Active)		

Project Description

Servicing the Airport Employment Lands provides lease opportunities and provides employment related economic development opportunities.

North Employment Lands - Extension of roads and sewers on the north side of airport lands southerly from Wheelton Drive with a new connection to St. Etienne Blvd have resulted in the securing of lease agreements, including most recently supply chain companies related to the NextStar battery plan. Future road and services extensions will open up leasable lands to the west and east of the existing leased lands, including a link to Pillette Road. Other traffic and roadway improvements may be warranted on existing adjacent roadways and would be identified through traffic impact studies.

South Employment Lands - There is also opportunity for leasable land north of County Road 42 between 8th and 9th Concession Roads. The City has fielded interest from industrial and manufacturing uses including EV battery supply chain companies throughout 2023 and it is expected to continue. The Sandwich South Master Servicing Plan (SSMSP) identified a future roadway and trunk sewer joining 8th and 9th Concession roads on airport lands north of County Rd 42 to form an employment park subdivision. Servicing of these lands will also require full buildout of Pond P8 as identified in the SSMSP. The City has proceeded with the preliminary work necessary to rezone these lands and ready them for development.

Total cost to service the north and south airport lands is estimated at \$150M. Phased design and construction will be considered to strategically open up pockets of land for development.

Version Description

2024-2026: Cargo Rd Extension to St. Etienne - Engineering, land acquisition and construction
 2031-2033+: Phased engineering and construction for new road and services (north and south employment lands)

Project Comments/Reference

7211060

Version Comments

COMMITMENT:
 CR412/2021 IN-CAMERA: 2024 F169 \$800,000
 CR444/2022 C 169/2022: 2024 F169 \$1,167,000 2026 F169 \$2,298,329

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	1,967,000	0	2,298,329	0	0	0	0	934,671	0	2,000,000	7,200,000
	Total	1,967,000	0	2,298,329	0	0	0	0	934,671	0	2,000,000	7,200,000
Revenues												
169	Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	934,671	0	2,000,000	2,934,671
169CF	Committed Funding	1,967,000	0	2,298,329	0	0	0	0	0	0	0	4,265,329
	Total	1,967,000	0	2,298,329	0	0	0	0	934,671	0	2,000,000	7,200,000

Related Projects	Historical Approved Budget	Operating Budget Impact

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2021		Growth: 100.0 % Maintenance: 0.0 %	Robert Perissinotti	2033 & Beyond`



Project Version Summary

Project #	ENG-005-21	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Development
Title	East West Arterial Drain Diversion		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Sewers Infrastructure		
Wards	Ward 9		
Version Name	Main (Active)		

Project Description

This project deals with the re-alignment of several existing municipal drains by creating a new municipal drain approximately 3km's in length within the corridor established adjacent to the proposed East/West Arterial Road under the Lauzon Parkway EA, the Upper Little River Stormwater Management Master Plan, and most recently under the Sandwich South Master Servicing Plan (SSMSP). The project limits are 7th Concession to Little River.

Engineering is underway. Construction is planned to be phased over multiple years while prioritizing to facilitate development opportunities.

Version Description

2024-2031: Phased construction of drain diversion and required road crossings, including land acquisitions.

Project Comments/Reference	Version Comments
7215004	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	800,000	0	0	0	0	690,000	0	345,000	0	5,000,000	6,835,000
Total	800,000	0	0	0	0	690,000	0	345,000	0	5,000,000	6,835,000
Revenues											
028 Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0
117 Dev Chg - Storm & Drains	0	0	0	0	0	567,000	0	0	0	0	567,000
153 Sewer Surcharge	800,000	0	0	0	0	123,000	0	345,000	0	5,000,000	6,268,000
Total	800,000	0	0	0	0	690,000	0	345,000	0	5,000,000	6,835,000

Related Projects		Historical Approved Budget			Operating Budget Impact
			Revenue		
		<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
		2021	4,000,000	4,000,000	0
		2022	2,000,000	2,000,000	0
		2023	2,000,000	2,000,000	0
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date	
2021		Growth: 100.0 % Maintenance: 0.0 %	Patrick Winters	2031	



Project Version Summary

Project #	ENG-006-21	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Development
Title	Sandwich South Road Network Improvements		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
Wards	Ward 9		
Version Name	Main (Active)		

Project Description

This project deals with upgrades needed to the existing Concession Roads within the Sandwich South Lands in order to support new growth anticipated to occur within the area. Required improvements have been identified within the Sandwich South Master Servicing Plan (SSMSP), as well as in the Sandwich South Development Charges Study.

First priority is 9th Concession Road from County Road 42 to Baseline to support the new hospital. It is anticipated that construction will occur prior to 2026 which will require pre-commitment of funds.

At this time, the second priority is improvements, including urbanization and turn lanes on 7th and 8th Concession Roads in support of the East Pelton Secondary Plan, and will be implemented based on phasing of development.

Confirmation of current priorities and future projects will be determined based on development pressures and through needs analysis in the SSMSP

Version Description

2028: Design and construction of 9th Concession Rd from CR42 to Baseline.

2028-2033+: The balance of funds are required for the phased design and construction of various collector and arterial roadway improvements in Sandwich South.

Project Comments/Reference

7221037

Version Comments

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	0	0	0	8,000,000	2,200,000	150,000	0	0	500,000	10,850,000
Total	0	0	0	0	8,000,000	2,200,000	150,000	0	0	500,000	10,850,000
Revenues											
115 Dev Chg - Roads & Related	0	0	0	0	8,000,000	2,200,000	150,000	0	0	500,000	10,850,000
Total	0	0	0	0	8,000,000	2,200,000	150,000	0	0	500,000	10,850,000

Related Projects		Historical Approved Budget			Operating Budget Impact	
			<u>Revenue</u>			
		<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	
		2022	500,000	500,000	0	
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date		
2021		Growth: 0.0 % Maintenance: 0.0 %	Patrick Winters	2033 & Beyond		



Project Version Summary

Project #	ENG-007-21	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Development
Title	Trunks Sanitary Sewers - Sandwich South Lands		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Sewers Infrastructure		
Wards	Ward 9		
Version Name	Main (Active)		

Project Description

A trunk sanitary sewer servicing the overall Sandwich South Lands was installed in 2011 under ISF funding. This project relates to the installation of sub-trunk sanitary sewers needed to service the entire area as identified under the Sandwich South Master Servicing Plan. These sewers will be constructed along 9th and 10th Concession roads from County Road 42 to the City Limits.

The first priority is 9th Concession – County Road 42 to Baseline Road - to support the new hospital. Future projects will be prioritized based on development pressures.

Version Description

2025 - 2029: Detailed design and construction along 9th Concession from County Road 42 to Baseline.
 2030+: Phased detailed design and construction of future projects based on development pressures.

Project Comments/Reference	Version Comments

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	432,800	0	0	0	1,567,200	1,000,000	0	0	0	3,000,000
Total	0	432,800	0	0	0	1,567,200	1,000,000	0	0	0	3,000,000
Revenues											
028 Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0
153 Sewer Surcharge	0	432,800	0	0	0	1,567,200	1,000,000	0	0	0	3,000,000
Total	0	432,800	0	0	0	1,567,200	1,000,000	0	0	0	3,000,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2021		Growth: 0.0 % Maintenance: 0.0 %	Patrick Winters	2033 & Beyond



Project Version Summary

Project #	ENG-009-21	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Development
Title	Inflow & Infiltration Program (SMP)		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Sewers Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
 This project supports the implementation of new measures relevant to inflow and infiltration reduction activities including, but not limited to, manhole sealing, proactive smoke and dye testing, and new project/technology trials. Funds may also be used to support Private Drain Connection rebates in Downspout Disconnection Areas where required. This annual funding will support smaller I/I initiatives to reduce stormwater, while larger initiatives will be part of dedicated budgets.

Version Description
 Annual funding will support ongoing smaller I/I initiatives

Project Comments/Reference	Version Comments
7219011	

Project Detailed Forecast												
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total	
Expenses												
5410 Construction Contracts - TCA	175,000	175,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,950,000	
Total	175,000	175,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,950,000	
Revenues												
028 Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0	
153 Sewer Surcharge	175,000	175,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,950,000	
Total	175,000	175,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,950,000	

Related Projects	Historical Approved Budget				Operating Budget Impact	
	Year	Total Expense	Revenue			
			Net City Cost	Subsidies		
	2021	125,000	125,000	0		
	2022	125,000	125,000	0		
2023	175,000	175,000	0			

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
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2021		Growth: 0.0 % Maintenance: 100.0 %	Ian Wilson	Ongoing`
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Project Version Summary

Project #	ENG-012-20	Service Area	Infrastructure Services
Budget Year	2024	Department	Engineering
Asset Type	Unassigned	Division	Development
Title	Capital Improvements to East Riverside Flood Protection Dikes (SMP)		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Sewers Infrastructure		
Wards	Ward 6, Ward 7		
Version Name	Main (Active)		

Project Description

East Riverside Flood Protection Dikes were constructed along Riverside Drive from St. Rose Beach to the City boundary with the Town of Tecumseh in the 1980's. The dike system was intended to provide vital flood protection for areas potentially affected inland as far as the Via Rail corridor. The issue of flooding has increasingly become a major concern with the recent return of record high water levels on Lake St Clair. Through an FCM MCIP grant, an inventory of the existing 6km dike system and review of the existing storm sewer system identified deficiencies where the system is vulnerable to overtopping and bypassing. The East Riverside Flood Risk Assessment was completed in 2019. The infrastructure requires improvements in order to address the vulnerabilities to mitigate the risk of overland flooding.

Version Description

2029: Priority 1 - Backflow prevention measures at various locations where the storm sewer system crosses under the diking system.
 2029-2032: Priority 2 - Phased dike improvements for area west of Little River.

These additional improvements are recommended with no funding identified within the 10-year plan:
 Priority 2 – Phased dike improvements for area west of Little River
 Priority 3 – Phased dike improvements for area east of Little River

Project Comments/Reference

Version Comments

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	0	0	0	0	2,399,680	1,880,000	1,000,000	1,000,000	0	6,279,680
Total	0	0	0	0	0	2,399,680	1,880,000	1,000,000	1,000,000	0	6,279,680
Revenues											
028 Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0
153 Sewer Surcharge	0	0	0	0	0	500,000	500,000	1,000,000	1,000,000	0	3,000,000
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0
221 Service Sustainability Investm	0	0	0	0	0	1,899,680	1,380,000	0	0	0	3,279,680
Total	0	0	0	0	0	2,399,680	1,880,000	1,000,000	1,000,000	0	6,279,680

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2020	January 1, 2020	Growth: 0.0 % Maintenance: 0.0 %	Ryan Langlois	2033 & Beyond



Project Version Summary

Project #	ENG-001-19	Service Area	Infrastructure Services
Budget Year	2024	Department	Pollution Control
Asset Type	Unassigned	Division	Admin. - Pollution Control
Title	Bio-Solids / Source Organics Disposal Study		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Sewers Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	A study to review and determine the long term strategies for corporate and possible regional handling and beneficial reuse of biosolids and source separated organics.
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Version Description	
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Project Comments/Reference	Version Comments
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Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
2915	Consulting Services - External	0	0	0	0	0	500,000	0	0	0	0	500,000
	Total	0	0	0	0	0	500,000	0	0	0	0	500,000
Revenues												
028	Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0
153	Sewer Surcharge	0	0	0	0	0	250,000	0	0	0	0	250,000
169	Pay As You Go - Capital Reserve	0	0	0	0	0	250,000	0	0	0	0	250,000
	Total	0	0	0	0	0	500,000	0	0	0	0	500,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2019	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	TBD	TBD`



Project Version Summary

Project #	ENV-002-08	Service Area	Infrastructure Services
Budget Year	2024	Department	Pollution Control
Asset Type	Unassigned	Division	LRPCP Operations
Title	Little River Pollution Control Plant		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Sewers Infrastructure		
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.

Version Description

Project Comments/Reference

See Document Attached.
 Open: 7141024, 7151016, 7161023, 7169004, 7172007, 7172011, 7189008, 7189009, 7192004, 7201017, 7203001, 7211025, 7211026, 7211027, 7211028, 7216000, 7219005, 7219006, 7221043, 7222004, 7223002, 7231016, 7231017, 7232001, 7232002, 7232003

Closed: 7091011, 7141040, 7141039, 7161019, 7161021, 7164009, 7161019-7161022, 7172008-7172010

Version Comments

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	4,950,000	570,000	800,000	920,000	800,000	570,000	350,000	570,000	750,000	1,970,000	12,250,000
Total		4,950,000	570,000	800,000	920,000	800,000	570,000	350,000	570,000	750,000	1,970,000	12,250,000
Revenues												
208	Pollution Control Reserve	4,950,000	570,000	800,000	920,000	800,000	570,000	350,000	570,000	750,000	1,970,000	12,250,000
Total		4,950,000	570,000	800,000	920,000	800,000	570,000	350,000	570,000	750,000	1,970,000	12,250,000

Related Projects		Historical Approved Budget				Operating Budget Impact				
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
					Total Expense	Net City Cost				
					2008	213,000	213,000	0		0
					2009	500,000	500,000	0		0
					2010	350,000	350,000	0		0
					2011	100,000	100,000	0		0
					2012	1,396,000	1,396,000	0		0
					2013	2,075,000	2,075,000	0		0
					2014	1,245,000	1,245,000	0		0
					2015	900,000	900,000	0		0
					2016	2,030,000	2,030,000	0		0
					2017	1,920,000	1,920,000	0		0
					2018	1,545,000	1,545,000	0		0
					2019	1,245,000	1,245,000	0		0
					2020	2,200,000	2,200,000	0		0
					2021	3,000,000	3,000,000	0		0
					2022	1,920,000	1,920,000	0		0
					2023	8,647,423	8,647,423	0		0
					Description: These works are all related to replacement and refurbishment of existing equipment and are expected to result in decreased maintenance costs.					
2008	January 1, 2008	Growth: 0.0 % Maintenance: 100.0 %	Various	Ongoing						



Project Version Summary

Project #	ENV-001-08	Service Area	Infrastructure Services
Budget Year	2024	Department	Pollution Control
Asset Type	Unassigned	Division	LRWRP Operations
Title	Lou Romano Water Reclamation Plant		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Sewers Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

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.

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.

Version Description

Project Comments/Reference

See Document Attached.
 Open: 7131005, 7161069, 7162006, 7169002, 7172001, 7172002, 7172003, 7172006, 7189005, 7189007, 7189008, 7191027, 7191028, 7191029, 7202000, 7202001, 7203000, 7211022, 7211024, 7211043, 7212001, 7212003, 7212004, 7212005, 7213000, 7213001, 7219004, 7221040, 7221041, 7222002, 7222003, 7231011, 7231012, 7231013, 7231014, 7232000, 7233001, 7235002

Closed: 7091009, 7141036, 7141037, 7141038, 7161006, 7152002, 7141035, 7172004, 7172005, 7181037, 7189004, 7189006, 7212002, 7211021, 7211023, 7221042

Version Comments

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	3,215,000	2,120,000	2,503,000	1,420,000	2,395,000	1,028,000	2,020,000	3,570,000	1,703,000	3,120,000	23,094,000
Total		3,215,000	2,120,000	2,503,000	1,420,000	2,395,000	1,028,000	2,020,000	3,570,000	1,703,000	3,120,000	23,094,000
Revenues												
208	Pollution Control Reserve	3,215,000	2,120,000	2,503,000	1,420,000	2,395,000	1,028,000	2,020,000	3,570,000	1,703,000	3,120,000	23,094,000
Total		3,215,000	2,120,000	2,503,000	1,420,000	2,395,000	1,028,000	2,020,000	3,570,000	1,703,000	3,120,000	23,094,000

Related Projects		Historical Approved Budget				Operating Budget Impact				
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
					Total Expense	Net City Cost				
					2008	250,000	250,000	0		0
					2009	100,000	100,000	0		0
					2010	100,000	100,000	0		0
					2011	1,600,000	1,600,000	0		0
					2012	1,000,000	1,000,000	0		0
					2013	1,550,000	1,550,000	0		0
					2014	2,200,000	2,200,000	0		0
					2015	650,000	650,000	0		0
					2016	2,250,000	2,250,000	0		0
					2017	2,105,000	2,105,000	0		0
					2018	2,605,000	2,605,000	0		0
					2019	4,840,000	4,840,000	0		0
					2020	2,350,000	2,350,000	0		0
					2021	4,455,000	4,455,000	0		0
					2022	4,065,000	4,065,000	0		0
					2023	5,388,000	5,388,000	0		0
					These works are all related to replacement and refurbishment of existing equipment and are expected to result in decreased maintenance costs.					



Project Version Summary

Project #	ENV-003-08	Service Area	Infrastructure Services
Budget Year	2024	Department	Pollution Control
Asset Type	Unassigned	Division	Pumping Station Operations
Title	Pumping Stations Maintenance		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Sewers Infrastructure		
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.

Version Description

Project Comments/Reference

See Document Attached.
 Open: 7102003, 7141042, 7169003, 7189010, 7211029, 7212006, 7212009, 7214000, 7216001, 7219007, 7221044, 7221045, 7221046, 7221047, 7222005, 7222006, 7223003, 7224000, 7231019, 7231020, 7235003

Closed: 7091010 7162003 7162004 7172012 7172013 7192005 7192006 7219008 7231021

Version Comments

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	1,500,000	1,630,000	780,000	220,000	320,000	320,000	820,000	520,000	345,000	765,000	7,220,000
Total		1,500,000	1,630,000	780,000	220,000	320,000	320,000	820,000	520,000	345,000	765,000	7,220,000
Revenues												
208	Pollution Control Reserve	1,500,000	1,630,000	780,000	220,000	320,000	320,000	820,000	520,000	345,000	765,000	7,220,000
Total		1,500,000	1,630,000	780,000	220,000	320,000	320,000	820,000	520,000	345,000	765,000	7,220,000

Related Projects		Historical Approved Budget				Operating Budget Impact						
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact		
					Total Expense	Net City Cost	Subsidies					
					2008	150,000	150,000	0			0	0
					2009	225,000	225,000	0			0	0
					2010	410,000	410,000	0			0	0
					2011	100,000	100,000	0			0	0
					2012	595,000	595,000	0			0	0
					2013	1,005,000	1,005,000	0			0	0
					2014	970,000	970,000	0			0	0
					2015	525,000	525,000	0			0	0
					2016	400,000	400,000	0			0	0
					2017	1,400,000	1,400,000	0			0	0
					2018	800,000	800,000	0			0	0
					2019	750,000	750,000	0			0	0
					2020	250,000	250,000	0			0	0
					2021	710,000	710,000	0			0	0
					2022	1,560,000	1,560,000	0			0	0
					2023	1,625,000	1,625,000	0			0	0
2008	January 1, 2008	Growth: 0.0 % Maintenance: 100.0 %	Various	Ongoing	These works are all related to replacement and refurbishment of existing equipment and are expected to result in decreased maintenance costs.							



Project Version Summary

Project #	ENG-007-16	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Basement Flooding Abatement Measures		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Sewers Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

This project will merge the following five programs, which used to be separate projects in the Capital Budget, into one project:

- 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 and monitoring of 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.

Beginning in 2020, Administration established a trunk sewer inspection program and an annual zoom cyclical program in addition to the existing programs outlined above.

Version Description

Work continues for the various programs within this project with planning for the coordination of road rehabilitation work with sewer relining work ongoing.

Beginning in 2022, Administration established a culvert relining program on E.C. Row. This is a 10-year program.

Beginning in 2023-2024, Administration is planning to start a long-term storm sewer outfall relining program. This will be an ongoing program.

Project Comments/Reference

7169001

Version Comments

This project consolidates the following previously approved projects into one program:

- 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 Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,514,750	4,658,000	4,600,000	45,272,750
Total		4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,514,750	4,658,000	4,600,000	45,272,750
Revenues												
028	Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0
153	Sewer Surcharge	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,514,750	4,658,000	4,600,000	45,272,750
Total		4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,514,750	4,658,000	4,600,000	45,272,750

Related Projects		Historical Approved Budget			Operating Budget Impact						
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact	
					Year	Total Expense					Net City Cost
2016	January 1, 2016	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy / Andrew Lewis	Ongoing`	2016	2,630,000	2,630,000	0		0	0
					2017	2,500,000	2,500,000	0			
					2018	2,700,000	2,700,000	0			
					2019	3,227,751	3,227,751	0			
					2020	4,687,751	4,687,751	0			
					2021	4,450,000	4,450,000	0			
					2022	4,500,000	4,500,000	0			
					2023	4,500,000	4,500,000	0			
<p>This capital program budget allows for trenchless repairs of sewer deficiencies identified during CCTV and Zoom inspections of our sewer infrastructure. If deficiencies require extensive remedial work due to collapses or unmoveable obstructions, then the remedial action will be undertaken through the operational budget. Rehabilitation or remedial action undertaken under this capital program will allow work to be undertaken utilizing trenchless technology methods to expedite the required work with minimal surface disruptions. It will increase the life cycle of the infrastructure and can lead to decreased operation budget expenses as the remedial action could be undertaken using this projects funding before total failure of the infrastructure leading to collapse or total blockage which can only then be repaired or rehabilitated using methods other then trenchless methods.</p>											



Project Version Summary

Project #	OPS-001-07	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Road Rehabilitation - Various Locations Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

Citywide rehabilitation and reconstruction of existing paved roads comprises of 1,076 km (2397 lane km) including the E.C. Row Expressway. As of June 2023, 19.7% of the road system is rated 'Now' Deficient. The estimated replacement value of roads is approximately \$2.11 billion. Industry standard life cycle is 35 years. Based on a 35-year replacement cycle, the perpetual annual cost for the replacement of this infrastructure is approximately \$50-\$60 million. It should be noted that years 2024 and beyond are based on current assessed condition and applied asset management. A listing of planned projects is included in the appendices. Depending on tender pricing, additional roads may be added to the plan, or some may need to be pushed to future years. Given the limited options with minor surplus funding, it may create an opportunity for smaller sections of local roads to be addressed sooner than planned.

Version Description

2024: Citywide Rehab (excl EC Row Rehab) = \$14,423,967 / EC Row Rehab = \$2,000,000
 2025: Citywide Rehab (excl EC Row Rehab) = \$12,648,799 / EC Row Rehab = \$2,000,000
 2026: Citywide Rehab (excl EC Row Rehab) = \$ 7,671,513 / EC Row Rehab = \$1,500,000
 2027: Citywide Rehab (excl EC Row Rehab) = \$11,750,447 / EC Row Rehab = \$ 500,000
 2028: Citywide Rehab (excl EC Row Rehab) = \$17,000,000 / EC Row Rehab = \$1,645,000

Note: Sewer and watermain information needs 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	Version Comments
<p>See Document Attached Active: 7211000, 7221001, 7231000,7241000 Closed: 7081001, 7091002 ,7101001, 7111001, 7121001, 7131110, 7141025, 7151003, 7161027, 7171016, 7181024, 7181040, 7185001, 7192010, 7201002, 7201029</p>	<p>Variances in the annual Road Rehabilitation Projects will be rolled forward to the current year's road rehabilitation project to complete as much priority work as possible. Variances experienced in this program as well as all other related road rehabilitation projects are reported through capital variance to Council for approval as required. Surplus funds transferred from several closed projects in 2023 are committed with plans underway to tender additional works as follows:</p> <ul style="list-style-type: none"> - E.C. Row: Lauzon to Banwell (Mill and Pave) - E.C. Row: Ramps (Mill and Pave) - Lauzon Parkway: E.C. Row to County Road 42 (Mill and Pave) - Oak: Riverside to University (Mill and Pave) - Ellis: Gladstone to Parent (Rehab) - Various Residential Locations (Mill and Pave) <p>Surplus funds from other road projects must be used to complete the above list of works as reprioritization of the current 5-year plan for road works is not feasible at this time. Road work identified in the current 5-year plan has been prioritized in consultation and conjunction with water and sewer projects planned for completion by WUC and The City of Windsor's Engineering Department.</p> <p>COMMITMENTS: CR218/2021 C 57/2021: 2024 F221 \$2,870,399 (Lauzon Parkway) CR166/2023 C 55/2023: 2024 F176 \$5,247,609.48 CR394/2023 C131/2023; 2024 F176 \$4,324,800</p>

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	16,423,967	14,648,799	9,171,513	12,250,447	18,645,000	18,645,000	18,145,000	22,542,416	24,510,960	23,469,178	178,452,280
Total	16,423,967	14,648,799	9,171,513	12,250,447	18,645,000	18,645,000	18,145,000	22,542,416	24,510,960	23,469,178	178,452,280
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	101,961	0	101,961
176 Canada Community- Building Fund	2,499,325	4,613,101	8,422,051	11,746,161	11,263,312	12,926,250	9,532,442	9,897,000	13,776,301	10,336,133	95,012,076
176CF Committed Funding	9,572,409	0	0	0	0	0	0	0	0	0	9,572,409
221 Service Sustainability Investm	1,481,834	10,035,698	749,462	504,286	7,381,688	5,718,750	8,612,558	12,645,416	10,632,698	13,133,045	70,895,435
221CF Committed Funding	2,870,399	0	0	0	0	0	0	0	0	0	2,870,399
Total	16,423,967	14,648,799	9,171,513	12,250,447	18,645,000	18,645,000	18,145,000	22,542,416	24,510,960	23,469,178	178,452,280

Related Projects		Historical Approved Budget			Operating Budget Impact		
		Revenue			Effective Date	Unknown	Exp/(Rev) FTE Impact
Year	Total Expense	Net City Cost	Subsidies	Description		0	0
2007	4,450,000	4,450,000	0	Any budget deferral in approved funding will result in an increase in the operating budget for temporary repairs and maintenance.			
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				
2018	8,887,000	8,887,000	0				
2019	9,152,263	9,152,263	0				
2020	10,302,074	10,302,074	0				
2021	13,086,805	12,831,560	255,245				
2022	15,763,424	15,763,424	0				
2023	12,092,341	12,092,341	0				
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date			
2007	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy / Charles Hartford	Ongoing`			

PROPOSED 2024 ROAD REHABILITATION PROGRAM:

ITEM #	STREET	FROM	TO	REHAB. TYPE
1	MERCER ST	SHEPHERD ST	HANNA ST	R
2	MOY AVE	TECUMSEH RD	YPRES AVE	M
3	EASTLAWN AVE	RIVERSIDE DR E	WYANDOTTE ST E	M
4	TECUMSEH RD E	CENTRAL AVE	DROUILLARD RD	R/M
5	OAK AVE	RIVERSIDE DR	UNIVERSITY AVE	M
6	ELLIS ST	GLADSTONE AVE	PARENT AVE	R
TOTAL CITY WIDE REHABILITATION			\$ 14,423,967	
E.C. ROW REHABILITATION			\$ 2,000,000	
TOTAL PROGRAM BUDGET			\$ 16,423,967	

PROPOSED 2025 ROAD REHABILITATION PROGRAM:

ITEM #	STREET	FROM	TO	REHAB. TYPE
1	LABADIE RD	ONTARIO ST	SEMINOLE ST	M
2	ERIE ST	PELISSIER ST	JANETTE AVE	M
3	GILES BLVD	VICTORIA AVE	JANETTE AVE	R
4	CHILVER RD	ASSUMPTION ST	CUL-DE-SAC	M
5	MILLOY ST	FACTORIA RD	CHANDLER RD	M
6	REGINALD ST	PILLETTE RD	ARTHUR RD	M
TOTAL CITY WIDE REHABILITATION			\$ 12,648,799	
E.C. ROW REHABILITATION			\$ 2,000,000	
TOTAL PROGRAM BUDGET			\$ 14,648,799	

PROPOSED 2026 ROAD REHABILITATION PROGRAM:

ITEM #	STREET	FROM	TO	REHAB. TYPE
1	CARON AVE	WYANDOTTE ST	ELLIOTT ST	R
2	PETER ST	MILL ST	BROCK ST	R
3	GILES BLVD	MCDOUGALL ST	PARENT AVE	M
4	SOUTH ST	PETER ST	BLOOMFIELD RD	R / M
5	COLLEGE AVE	LENA AVE	BROCK ST	R
6	WINDSOR AVE	GILES BLVD	SHEPHERD ST	R / M
TOTAL CITY WIDE REHABILITATION			\$ 7,671,513	
E.C. ROW REHABILITATION			\$ 1,500,000	
TOTAL PROGRAM BUDGET			\$ 9,171,513	

PROPOSED 2027 ROAD REHABILITATION PROGRAM				
ITEM #	STREET	FROM	TO	REHAB. TYPE
1	MATCHETTE RD	ARMANDA	SPRUCEWOOD	M
2	MELVILLE DR	ESPLANADE DR	CUL-DE-SAC	M
3	LYNNGROVE CRES	ESPLANADE DR	MELVILLE DR	M
4	SHENANDOAH CRES	PULBROOK RD	STILLMEADOW RD	M
5	PULBROOK RD	FOREST GLADE DR	STILLMEADOW RD	M
6	CALEDON CRT	EASTCOURT DR	STILLMEADOW RD	M
7	STILLMEADOW RD	SHENANDOAH CRES	MULBERRY RD	M
TOTAL CITY WIDE REHABILITATION			\$ 11,750,447	
E.C. ROW REHABILITATION			\$ 500,000	
TOTAL PROGRAM BUDGET			\$ 12,250,447	

PROPOSED 2028 ROAD REHABILITATION PROGRAM				
ITEM #	STREET	FROM	TO	REHAB. TYPE
1	MARENTETTE AVE	SYDNEY AVE	KAMLOOPS ST	R
2	S/B GLENDALE AVE	EMPRESS ST	TECUMSEH RD	R
3	ROCKWELL BLVD	WEST GRAND BLVD	CUL-DE-SAC	R
4	GARDEN CRT	EDGAR AVE	HOMEDALE BLVD	M
5	ELLIS ST E	ELSMERE AVE	PARENT AVE	R
6	HUNTINGTON AVE	GRANADA AVE	CABANA RD	M
7	LONGFELLOW AVE	WEST GRAND BLVD	CABANA RD	M
8	LILAC LN	LAUZON RD	ESPLANADE DR	R
9	LIBERTY ST	DOUGALL AVE	VICTORIA AVE	R
TOTAL CITY WIDE REHABILITATION			\$ 17,000,000	
E.C. ROW REHABILITATION			\$ 1,645,000	
TOTAL PROGRAM BUDGET			\$ 18,645,000	

- 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	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Minor Alley Maintenance Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description												
The City has 79 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 2023, 44 kms of paved alley are "now" deficient, 18 kms will be "now" deficient in 1 - 5 years, 10 kms will be "now" deficient in 6 - 10 years, and 7 kms are considered "adequate".												
Version Description												
Project Comments/Reference						Version Comments						
7121000												
Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	400,000	400,000	200,000	200,000	250,000	250,000	250,000	250,000	250,000	260,000	2,710,000
	Total	400,000	400,000	200,000	200,000	250,000	250,000	250,000	250,000	250,000	260,000	2,710,000
Revenues												
221	Service Sustainability Investm	400,000	400,000	200,000	200,000	250,000	250,000	250,000	250,000	250,000	260,000	2,710,000
	Total	400,000	400,000	200,000	200,000	250,000	250,000	250,000	250,000	250,000	260,000	2,710,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2014	100,000	100,000	0				
		2016	100,000	100,000	0				
		2017	100,000	100,000	0				
		2018	100,000	100,000	0				
		2019	1,050,000	1,050,000	0				
		2020	100,000	100,000	0				
		2021	100,000	100,000	0				
		2022	200,000	200,000	0				
		2023	200,000	200,000	0				
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date				
2011	January 1, 2016	Growth: 0.0 % Maintenance: 100.0 %		Phong Nguy / Roberta Harrison	Ongoing`				



Project Version Summary

Project #	OPS-002-11	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Minor Road Deficiencies Rehabilitation Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
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 repairs to extend the life cycle where possible.

Version Description

Variances in the annual Minor Road Rehabilitation Projects will be rolled forward to the current year's project to allow completion of as much priority work as possible. Variances experienced in this program as well as all other related minor road rehabilitation projects are reported through capital variance to Council for approval as required.

Project Comments/Reference	Version Comments
7111023	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	4,075,660	4,133,934	3,800,000	3,800,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	33,809,594
	Total	4,075,660	4,133,934	3,800,000	3,800,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	33,809,594
Revenues												
221	Service Sustainability Investm	4,075,660	4,133,934	3,800,000	3,800,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	33,809,594
	Total	4,075,660	4,133,934	3,800,000	3,800,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	33,809,594

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				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				
		2018	140,000	140,000	0				
		2019	400,000	400,000	0				
		2020	292,563	292,563	0				
		2021	350,837	350,837	0				
		2022	3,259,111	3,259,111	0				
		2023	2,967,386	2,967,386	0				
Year Identified	Start Date	Project Type for 2024	Project Lead		Est. Completion Date				
2011	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy / Roberta Harrison		Ongoing`				



Project Version Summary

Project #	OPS-002-24	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Connecting Links Intake 9 - 2024-2025 - Huron Church Road		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	Connecting Links Program Intake 2024-2024 Grant Funding- Huron Church Road approved per CR462/2023 as Placeholder Funding until such time that the City is successful in being awarded the Grant.
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Version Description	
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Project Comments/Reference	Version Comments
7233002	<p>PLACEHOLDER: CR432/2023 C 169/2023: 2024 F221 \$400,000; 2025 F221 \$306,703.</p> <p>If grant is unsuccessful, funds will be returned to OPS-001-07.</p>

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	400,000	306,703	0	0	0	0	0	0	0	0	706,703
	Total	400,000	306,703	0	0	0	0	0	0	0	0	706,703
Revenues												
221	Service Sustainability Investm	0	0	0	0	0	0	0	0	0	0	0
221CF	Committed Funding	400,000	306,703	0	0	0	0	0	0	0	0	706,703
	Total	400,000	306,703	0	0	0	0	0	0	0	0	706,703

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2024	January 1, 2024	Growth: 0.0 % Maintenance: 100.0 %	TBD	2027



Project Version Summary

Project #	OPS-003-07	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Bridge Rehabilitation Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

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, 12 culverts with spans greater than 3m, 5 pedestrian bridges, and 1 subway. An annual expenditure of \$5-\$8 million is required to replace these bridges on a 50 to 75 year cycle.

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.

Version Description

2024: \$0.500 million - Repairs and maintenance as required (all structures) - Wyandotte at CPR (#206)
 2025: \$0.500 million - Repairs and maintenance as required (all structures) - Engineering evaluation / design for Wyandotte at CPR (#206)
 2026: \$2.500 million - Repairs and maintenance as required (all structures) - Wyandotte at CPR (#206)
 2027: \$2.000 million - Repairs and maintenance as required (all structures) - Wyandotte at CPR (#206)
 2028: \$1.000 million - Repairs and maintenance as required (all structures)
 2029: \$1.477 million - Repairs and maintenance as required (all structures)
 2030: \$2.417 million - Repairs and maintenance as required (all structures)
 2031: \$2.105 million - Repairs and maintenance as required (all structures)
 2032: \$2.000 million - Repairs and maintenance as required (all structures)

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 was completed in 2017 that allowed the full rehabilitation to be deferred 10-years for completion in 2027. Funds will be accumulated annually for this work in 2027.

Various repairs and maintenance possible on all structures as required include joint replacement, barrier wall replacement, bridge washing, patch repairs, crack injection, and concrete sealing. There will also be culvert replacements pending for areas in the annexed lands to complete in the coming 10-years.

Project Comments/Reference

Active: 7211030 7221009 7231009

E.C. ROW PROJECTS:

Closed: 7081025 7091023 7091024 7111003 7101004
 7101011 7111021 7201012 7141026 7141027 7141047
 7151009 7151002 7181022 7191010 7192021

BRIDGE PROJECTS:

Closed: 7081025 7091024 7101004 7111003 7141047
 7151009 7161028 7171018

Version Comments

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	500,000	500,000	2,500,000	2,000,000	1,000,000	1,477,452	2,417,452	2,105,096	2,000,000	2,000,000	16,500,000
Total		500,000	500,000	2,500,000	2,000,000	1,000,000	1,477,452	2,417,452	2,105,096	2,000,000	2,000,000	16,500,000
Revenues												
176	Canada Community-Building Fund	0	0	900,000	800,000	0	0	0	0	0	0	1,700,000
221	Service Sustainability Investm	500,000	500,000	1,600,000	1,200,000	1,000,000	1,477,452	2,417,452	2,105,096	2,000,000	2,000,000	14,800,000
Total		500,000	500,000	2,500,000	2,000,000	1,000,000	1,477,452	2,417,452	2,105,096	2,000,000	2,000,000	16,500,000

Related Projects		Historical Approved Budget				Operating Budget Impact			
				Revenue					
		Year	Total Expense	Net City Cost	Subsidies	Effective Date	Unknown	Exp/(Rev)	FTE Impact
						Description		0	0
		2007	1,550,000	1,550,000	0	Any budget deferral in approved funding will result in increased operating costs for temporary repairs, patching and unscheduled maintenance as required.			
		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				
		2018	2,500,000	2,500,000	0				
		2019	3,200,000	3,200,000	0				
		2020	3,399,000	3,399,000	0				
		2021	1,204,000	1,204,000	0				
		2022	2,170,000	2,170,000	0				
		2023	3,160,770	3,160,770	0				
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date			
2007	January 1, 2016	Growth: 0.0 % Maintenance: 100.0 %		Phong Nguy / Charles Hartford		Ongoing`			



Project Version Summary

Project #	OPS-004-07	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Sidewalk Rehabilitation Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

This program covers the rehabilitation of existing sidewalks citywide. There are 978 kms of sidewalks in the City, of which 6 kms are in "Poor" condition and 74 kms are in "Fair" condition. Based on a 40-year replacement cycle, the perpetual annual cost for the replacement of this infrastructure is approximately \$3 million. This would be in addition to the approximately \$10.5 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, annual 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.

Version Description

Because the 10-Year Capital Budget does not fully address immediate needs, the annual sidewalk inspection and condition assessment program as well as additional liability claims will influence replacements in 2024 and beyond.

Project Comments/Reference

See Document Attached

Active: 7221011 7231023
 Closed: 7091025 7101003 7111022 7121007 7131115
 7141028 7151011 7161029 7171019 7181023 7191006
 7191030 7201013 7211031

Version Comments

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	1,207,696	1,357,696	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,730,000	14,795,392
Total		1,207,696	1,357,696	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,730,000	14,795,392
Revenues												
169	Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	230,000	230,000
176	Canada Community-Building Fund	0	150,000	0	0	0	0	0	0	0	0	150,000
221	Service Sustainability Investm	1,207,696	1,207,696	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	14,415,392
221CF	Committed Funding	0	0	0	0	0	0	0	0	0	0	0
Total		1,207,696	1,357,696	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,730,000	14,795,392

Related Projects		Historical Approved Budget				Operating Budget Impact				
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
					Total Expense	Net City Cost				
2007	January 2, 2015	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy / Roberta Harrison	Ongoing`	950,000	950,000			0	0
					850,000	850,000				
					2,000,000	2,000,000				
					2,000,000	2,000,000				
					1,250,000	0	1,250,000			
					1,200,000	1,200,000				
					250,000	250,000				
					400,000	400,000				
					1,350,000	1,350,000				
					500,000	500,000				
					500,000	500,000				
					317,500	317,500				
					700,000	700,000				
					489,297	489,297				
					559,197	559,197				
					861,190	861,190				
					756,190	756,190				

PROPOSED SIDEWALK REHABILITATION 10 YEAR PROGRAM - 2024 to 2033 (Alphabetical Listing)			
STREET	FROM	TO	SIDE OF STREET
ALSACE	KILDARE	BYNG	N
BALFOUR	EMPRESS	SOUTHNATIONAL	W
CALIFORNIA	BALMORAL	NORFOLK	E/W
CALIFORNIA	GRAND MARAIS	BALMORAL	E/W
CENTRAL	GUY	TECUMSEH	W
CENTRAL	GUY	MILLOY	E
CENTRAL	MILLOY	ALICE	E/W
CENTRAL	ALICE	REGINALD	E/W
CENTRAL	REGINALD	SEMINOLE	E
CHATHAM	LANGLOIS	PIERRE	N
CHATHAM	PELISSIER	FERRY	N
CHATHAM	OUELLETTE	GOYEAU	N
CHILVER	TECUMSEH	LENS	E
CHILVER	ASSUMPTION	RIVERSIDE	W/E
CORAGREENWOOD	RIVERSIDE	LITTLE RIVER	E/W
CRAWFORD	ERIE	GROVE	W
DOMINION	NORFOLK	ROSELAWN	W
DOUGALL	ERIE	PINE	E
DOUGALL	ELLIS	WAHKETA	E/W
DOUGALL	WEST GRAND	LIBERTY	W
EDWARD	EDGAR	MONTROSE	E
FERNDALE	SOUTH NATIONAL	CORONATION	E/W
FERNDALE	EMPRESS	CORONATION	E/W
FORD	CORONATION	LASSALINE	E/W
FORD	SOUTHNATIONAL	LASSALINE	E/W
FOSTER	WALKER	CN TRACKS	N
FRANCOIS	REGINALD	ALICE	W
GREENPARK	WYANDOTTE	LITTLERIVER	E
HICKORY	ONTARIO	HICKORY	E
HIGHLAND	TECUMSEH	LENS ALLEY	E/W

STREET	FROM	TO	SIDE OF STREET
HOWARD	NEAL	LAKE TRAIL	W
HOWARD	LAKE TRAIL	HAVENS	W
HURON CHURCH	UNIVERSITY	PETER	W
HURON CHURCH	PETER	DONELLY	W
HURON CHURCH	DONELLY	WYANDOTTE	W
HURON CHURCH	UNIVERSITY	PETER	W
HURON CHURCH	PETER	DONNELLY	W
INDIAN	WYANDOTTE	MILL	E
JEROME	WATSON	WESCHESTER	N/S
JULIET CRES	DUCHARME	LAVENDER	E
KILDARE	WYANDOTTE	TUSCARORA	E/W
KILDARE	VIMY	YPRES	W
LAKEVIEW	DILLION	LITTLERIVER	W
LAURENDEAU	FAUST	ONTARIO	W
LAUZON	WYANDOTTE	RIVERSIDE	E/W
LIBERTY	EVERTS	MARK	N
LIBERTY	MARK	GLENWOOD	N
LIBERTY	GLENWOOD	ROXBOROUGH	N
LINWOOD	TOURNIER	FELIX	N/S
LOCKE	LYNN	3850 LOCKE (@ SOUTH P/L)	E
LONGFELLOW	GRAND MARAIS	LONGFELLOW	W
MARENTETTE	SOUTH OF TECUMSEH	DEAD END	E/W
MOUNTROYAL	COUSINEAU	CABANA	W
OUELLETTE	SHEPHERD	ELLIS	W
OUELLETTE	TECUMSEH	CPR	E
PILETTE	PLYMOUTH	END	E/W
PILLETTE	WYANDOTTE ST. E.	ONTARIO	E/W
REGINALD	ST.LUKE	ALBERT	N/S
RIVERSIDE	JANETTE	CARON	N
RIVERSIDE	PATRICE	ST. ROSE	S
SANDWICH	DETROIT	ROSEDALE	S
SANDWICH	52M S/O JOHN B	PROSPECT	W
TECUMSEH	SOUTH PACIFIC	MUNICIPAL LANE	N
TOURNIER	LINWOOD	BABY	N/S

STREET	FROM	TO	SIDE OF STREET
TUSCARORA	WINDSOR	MCDOUGALL	N/S
UNIVERSITY	DOUGALL	CHURCH	N/S
UNIVERSITY	VISTA	HURON CHURCH	N
VICTORIA	CHATHAM	UNIVERSITY	E
WALKER	NIAGARA	RICHMOND	W
WALKER	SEMINOLE	MUNSEE	W
WALKER	YPRES	SOMME	W
WALKWAY EC ROW	SIERRA	RADISSON	S
WELLINGTON	GROVE	GILES	W
WELLINGTON	GILES	MONTROSE	W
WELLINGTON	MONTROSE	TECUMSEH	W
WEST GRAND	DOUGALL	DOMINION	S
WHELPTON	DROUILLARD	HENRY FORD CENTRE	N
WILDWOOD	FOREST GLADE	REGIS	E/W
WYANDOTTE	MCKAY	CURRY	N



Project Version Summary

Project #	OPS-004-23	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Local Residential Road Rehabilitation		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description												
Per B2/2023, Council approved the implementation of an annual Asset Management Plan (AMP) levy increase of 0.25% to enhance service levels related to Local Residential Roads. Administration will prepare a future report for the Environment, Transportation & Public Safety Committee outlining specific strategies and rationale for local rehabilitation selection and prioritization.												
Version Description												
Project Comments/Reference						Version Comments						
2023 Capital Budget approved under ENG-006-23 per B2/2023 C 39/2023.												
Active: 7231027												
Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	2,246,241	3,397,241	4,548,241	4,548,241	4,548,241	4,548,241	4,548,241	4,548,241	4,548,241	4,548,241	42,029,410
	Total	2,246,241	3,397,241	4,548,241	4,548,241	4,548,241	4,548,241	4,548,241	4,548,241	4,548,241	4,548,241	42,029,410
Revenues												
221	Service Sustainability Investm	2,246,241	3,397,241	4,548,241	4,548,241	4,548,241	4,548,241	4,548,241	4,548,241	4,548,241	4,548,241	42,029,410
	Total	2,246,241	3,397,241	4,548,241	4,548,241	4,548,241	4,548,241	4,548,241	4,548,241	4,548,241	4,548,241	42,029,410

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies	Description		0	0
		2023	1,095,241	1,095,241	0	Any budget deferral in approved funding will result in increased operating cost to temporarily maintenance and repair local residential roads.			
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date			
2023	January 1, 2023	Growth: 0.0 % Maintenance: 100.0 %		Shawna Boakes		Ongoing`			



Project Version Summary

Project #	OPS-005-07	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Railway Lands Fencing		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
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).
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Version Description	
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Project Comments/Reference	Version Comments
7045005	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	150,000	150,000	150,000	150,000	150,000	150,000	150,000	100,000	100,000	50,000	1,300,000
	Total	150,000	150,000	150,000	150,000	150,000	150,000	150,000	100,000	100,000	50,000	1,300,000
Revenues												
169	Pay As You Go - Capital Reserve	75,000	75,000	75,000	75,000	75,000	75,000	75,000	50,000	50,000	50,000	675,000
6735	Recovery Of Expenses EXTERNAL	75,000	75,000	75,000	75,000	75,000	75,000	75,000	50,000	50,000	0	625,000
	Total	150,000	150,000	150,000	150,000	150,000	150,000	150,000	100,000	100,000	50,000	1,300,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2008	100,000	50,000	50,000				
		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				
		2018	100,000	50,000	50,000				
		2019	100,000	50,000	50,000				
		2020	75,000	75,000	0				
		2022	100,000	50,000	50,000				
		2023	100,000	50,000	50,000				
Year Identified	Start Date	Project Type for 2024	Project Lead		Est. Completion Date				
2007	January 1, 2018	Growth: 100.0 % Maintenance: 0.0 %	Phong Nguy		Ongoing`				



Project Version Summary

Project #	OPS-005-19	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Gravel Alley Drainage Improvements		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Sewers Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
The City has approximately 146km of In-Service Alleys. Of the 146km, approximately 67km are unpaved. Over the course of time, as a result of routine maintenance and various construction activities, drainage in many of the unpaved alleys has become an issue leading to improper drainage, standing water and flooding on private property. In order to address these concerns, it is often necessary to install additional drainage, lower the existing grades to promote drainage, or remove damaged areas in the alleys. Alley condition ratings and residential complaints are used to track problem alleys requiring remedial works. This fund would be used to address alley areas of concern.

Version Description

Project Comments/Reference	Version Comments
7211032	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	0	0	0	200,000	200,000	200,000	200,000	200,000	200,000	1,200,000
Total	0	0	0	0	200,000	200,000	200,000	200,000	200,000	200,000	1,200,000
Revenues											
028 Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0
153 Sewer Surcharge	0	0	0	0	200,000	200,000	200,000	200,000	200,000	200,000	1,200,000
Total	0	0	0	0	200,000	200,000	200,000	200,000	200,000	200,000	1,200,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2021	50,000	50,000	0				
		2022	50,000	50,000	0				
		Any budget deferral in approved funding will result in increased operating costs for temporary repairs, patching, and unscheduled maintenance as required.							
Year Identified	Start Date	Project Type for 2024	Project Lead		Est. Completion Date				
2019	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Phong Nguy / Roberta Harrison		Ongoing`				



Project Version Summary

Project #	OPS-005-22	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Orphan Monuments, Gateways and Miscellaneous Installations and Maintenance		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Property Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

From time to time, monuments, gateways and other items, including decorative pieces have been constructed in the public right-of-way. These projects integrate beauty and history into the fabric of the City and enriches residents' lives as well as contributing to the physical attractiveness of our City. However, these items require maintenance to ensure they last as long as possible. In the past, responsibility for maintaining these items has not always been contemplated or clearly communicated at the time of their construction. Failure to maintain the monuments, gateways and decorative pieces will cause them to deteriorate and become unsightly to residents and visitors to the City. This project provides funding for maintenance on those items for which responsibility and maintenance funding has not been previously identified.

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.

Version Description

Project Comments/Reference	Version Comments
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Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	200,000	25,000	0	0	25,000	25,000	25,000	0	0	0	300,000
	Total	200,000	25,000	0	0	25,000	25,000	25,000	0	0	0	300,000
Revenues												
221	Service Sustainability Investm	200,000	25,000	0	0	25,000	25,000	25,000	0	0	0	300,000
	Total	200,000	25,000	0	0	25,000	25,000	25,000	0	0	0	300,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2022	January 1, 2022	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy	Ongoing`



Project Version Summary

Project #	OPS-006-07	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	"At-Grade" Railway Crossings		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

This program is used to provide improvements and rehabilitation 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 with the maintenance 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.

Version Description

Proposed Railway Crossings:

- Crossing #066 - Jefferson CNR (Near Queen Elizabeth)
- Crossing #076 - Cabana @ CNR
- Crossing #089 - County Road 42 @ CNR

Project Comments/Reference	Version Comments
Open: 7179001 Closed: 7085009 7163002 7163003	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	100,000	1,225,000
	Total	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	100,000	1,225,000
Revenues												
221	Service Sustainability Investm	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
6735	Recovery Of Expenses EXTERNAL	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	0	225,000
	Total	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	125,000	100,000	1,225,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
Follows		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
OPS-004-16				Net City Cost	Subsidies				
Project Title		2008	62,500	50,000	12,500	No Operating Budget Impact			
Rail Crossing Safety Assessments		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				
		2018	275,000	137,500	137,500				
		2019	343,125	325,000	18,125				
		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				
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date				
2007	January 1, 2018	Growth: 0.0 % Maintenance: 100.0 %		Phong Nguy / Roberta Harrison	Ongoing`				



Project Version Summary

Project #	OPS-007-20	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	ICIP - City Wide Sidewalks (Intake 1)		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	C79/2019
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Version Description	City funding for this project has been transferred in from the Sidewalk Rehabilitation Project OPS-004-07.
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Project Comments/Reference	7204003	Version Comments	
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Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	533,815	355,876	177,939	0	0	0	0	0	0	0	1,067,630
Total	533,815	355,876	177,939	0	0	0	0	0	0	0	1,067,630
Revenues											
6310 Ontario Specific Grants	242,630	161,753	80,877	0	0	0	0	0	0	0	485,260
6320 Canada Specific Grants	291,185	194,123	97,062	0	0	0	0	0	0	0	582,370
Total	533,815	355,876	177,939	0	0	0	0	0	0	0	1,067,630

Related Projects	Historical Approved Budget			Operating Budget Impact		
			Revenue			
	<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>		
	2020	790,037	210,703	579,334		
	2021	1,094,907	240,803	854,104		
	2022	1,020,908	451,506	569,402		
	2023	1,519,136	451,506	1,067,630		

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2020	July 1, 2019	Growth: 0.0 % Maintenance: 100.0 %	Charles Hartford / Roberta Harrison	2025`



Project Version Summary

Project #	OPS-028-18	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Concrete Road Panel Repair Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

This program was established for the 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 207 lane km's 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.

Version Description

Funding allocated in 2023 will be carried forward and added to the 2024 funding to accumulate adequate funding to carry out concrete road and intersection improvements at Howard and Tecumseh. Approximately \$3M in funding is required to complete this concrete work.

Project Comments/Reference	Version Comments
7221013	

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total	
Expenses												
5410 Construction Contracts - TCA	1,500,000	500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	14,000,000	
Total	1,500,000	500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	14,000,000	
Revenues												
221 Service Sustainability Investm	1,500,000	500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	14,000,000	
Total	1,500,000	500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	14,000,000	

Related Projects	Historical Approved Budget				Operating Budget Impact		
	Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev) FTE Impact
			Net City Cost	Subsidies			
	2022	895,000	895,000	0	Description	0	0
	2023	1,500,000	1,500,000	0			
Any budget deferral in approved funding will result in an increase in the operating costs for temporary road repairs and patching.							

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2018	January 1, 2022	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy / Roberta Harrison	Ongoing`



Project Version Summary

Project #	OPS-029-18	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Contracts, Field Services & Maintenance
Title	Curb Replacement Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Sewers Infrastructure		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

The City has approximately 1698 km's of curb and gutter on roadways. Many sections have been damaged or have reached their service life and require replacement. This 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.

Version Description

Project Comments/Reference	Version Comments
7219010	

Project Detailed Forecast												
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total	
Expenses												
5410 Construction Contracts - TCA	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	449,751	3,149,751	
Total	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	449,751	3,149,751	
Revenues												
028 Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0	
153 Sewer Surcharge	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	449,751	3,149,751	
Total	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	449,751	3,149,751	

Related Projects	Historical Approved Budget				Operating Budget Impact			
			Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
	Year	Total Expense	Net City Cost	Subsidies	Description		0	0
	2021	40,000	40,000	0	Any budget deferral in approved funding will result in an increase in the operating costs for temporary repairs and maintenance.			
2022	600,000	600,000	0					

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
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2018	January 1, 2022	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy / Roberta Harrison	Ongoing`
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2022	January 1, 2021	Growth: 0.0 % Maintenance: 100.0 %	Anne Marie Albidone / Jim Leather	Ongoing`
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Project Version Summary

Project #	FRS-001-07	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Fleet
Title	Fire & Rescue First Response Vehicle Replacement Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Transportation		
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 15-year detailed Fire & Rescue First Response Vehicle Replacement Schedule.

Post pandemic supply chain issues remain in effect and are affecting the availability and cost of vehicles and equipment and continue to cause delays in delivery dates. Furthermore, incentives continue to be reduced or eliminated resulting in increased purchase costs. Vendors are also submitting disclaimers with their tender submissions indicating the pricing provided is subject to change after purchase orders (PO's) are issued due to parts shortages, shipping delays, high order volumes, extended lead times and volatile pricing of raw materials, parts, components, fuel and freight. When reviewing and updating the 15-year replacement plan for the 2024 budget development, Administration considered these factors as well as the deferral of replacements if condition assessments warranted doing so. It was determined that an increased contribution of \$275,000 annually for each of the three consecutive years 2024 through 2026 is required to ensure the reserves sustainability. Should operating issue 2024-0008 not be approved, significant changes to the 15-year replacement plan will be required to ensure reserve sustainability to 2038.

Pricing for the new trucks included in this plan have been updated to reflect current available 2023-2024 pricing. Pricing may continue to fluctuate over the life of the plan. Any proceeds from the sale of Fire major equipment received will be returned back to the Fire Major Equipment Reserve Fund 163.

Per CR363/2010, Report #14903 the funding source for all Fire major equipment replacements is the Fire Major Equipment Reserve (F163).

Project Comments/Reference

See Document Attached
 Active: 7221000,7241001
 Closed: 7051004 7074066 7101014 7131007 7111025
 7121011 (2012 trucks) 7161031 7171013 7181025
 7201006 7211045 7231001

Version Comments

COMMITMENTS:
 CR394/2023 C 131/2023: F163 2024 \$78,884

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5110	Machinery & Equipment - TCA	4,450,000	97,000	130,000	3,164,000	8,013,000	6,015,000	263,000	217,000	1,494,000	113,000	23,956,000
Total		4,450,000	97,000	130,000	3,164,000	8,013,000	6,015,000	263,000	217,000	1,494,000	113,000	23,956,000
Revenues												
163	Fire Major Equipment	4,371,116	97,000	130,000	3,164,000	8,013,000	6,015,000	263,000	217,000	1,494,000	113,000	23,877,116
163CF	Committed Funding	78,884	0	0	0	0	0	0	0	0	0	78,884
Total		4,450,000	97,000	130,000	3,164,000	8,013,000	6,015,000	263,000	217,000	1,494,000	113,000	23,956,000

Related Projects	Historical Approved Budget				Operating Budget Impact		
	Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev) FTE Impact
			Net City Cost	Subsidies			
	2007	500,000	500,000	0			0 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			
	2018	47,000	47,000	0			
	2020	55,000	55,000	0			
	2021	74,000	74,000	0			
	2022	2,769,000	2,769,000	0			
	2023	89,000	89,000	0			

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2007	January 1, 2013	Growth: 0.0 % Maintenance: 100.0 %	Angela Marazita / Fire Chief Steve Laforet / Chad Goebel	Ongoing`

FLEET REPLACEMENT SCHEDULE - FIRE FLEET

(source: FleetFocus as of July 28, 2023)

Unit	Description	Department	Mileage	Hours	Total Cost	Adj. Cost	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038
Class 120 - CUBE VANS (Life Cycle 9 - 11 Years)																					
3024	2012 GMC SAVANA 3500 CUTAWAY CUBE V	APP	10,614	0	37,741	105,000			111,427											1,385,453	
Class 140 - SPORT UTILITY (Life Cycle 10 Years)																					
3047	2022 CHEVROLET TAHOE LT 4X4	APP	12,463	0	67,797	75,000									89,632						
3048	2022 CHEVROLET TAHOE LT 4X4 DIESEL	APP	17,315	0	69,854	75,000									89,632						
4040	2017 FORD EXPLORER SUV XLT 4X4	APP	177,027	0	35,468	60,000				64,946										79,169	
4046	2018 FORD EXPLORER SUV	APP	48,706	0	49,221	60,000				66,245											80,752
4050	2020 FORD EXPLORER SUV	APP	400,049	0	45,966	60,000									68,921						
4051	2020 FORD EXPLORER SUV	APP	32,688	0	61,288	60,000									68,921						
4052	2020 FORD EXPLORER SUV	APP	456,007	0	56,444	60,000									68,921						
Class 246 - CREW CABS UTILITY (Life Cycle 7 - 9 Years)																					
3026	2020 FORD F250 4X4 CREWCAB PICKUP	APP	74,122	0	42,637	76,000						85,588									102,286
3036	2015 FORD F250 CREWCAB 4X4 PICKUP	APP	74,106	0	35,551	76,000	77,520									92,644					
3046	2022 FORD F250 XL CREWCAB 4X4 PICKUP	APP	3,899	0	51,698	76,000									89,046						
3049	2022 FORD F250 XL CREWCAB 4X4 PICKUP	APP	1,077	0	60,978	76,000									89,046						
4041	2016 FORD F250 CREWCAB PICKUP 4X4	APP	79,091	0	32,062	76,000		79,070									94,496				
Class 4000 - FIRE RESCUE (Life Cycle 15+ Years)																					
4043	2016 SPARTAN ROSENBAUER RESCUE PUM	APP	103,703	1,651	725,500	970,000									1,159,240						
4047	2018 KENWORTH HACKNEY T370 ESU	APP	867,888	271	0	850,000											1,056,868				
Class 4100 - FIRE ENGINE (Life Cycle 15+ Years)																					
4022	2007 PIERCE VELOCITY ENGINE 1	SOLD	183,912	7,010	459,914	1,320,000															1,741,712
4023	2007 SPARTAN ROSENBAUER ENGINE 6	APP	138,379	7,793	459,914	1,320,000															1,741,712
4024	2007 SPARTAN ROSENBAUER ENGINE 4	APP	221,459	7,750	459,914	1,320,000															1,741,712
4025	2009 SPARTAN ROSENBAUER ENGINE 2	APP	198,302	6,864	534,000	1,320,000	1,346,400														
4026	2009 SPARTAN ROSENBAUER ENGINE 7	APP	294,294	7,347	534,000	1,320,000	1,346,400														
4027	2009 SPARTAN ROSENBAUER TANKER 8	APP	373,413	5,144	556,000	1,320,000	1,346,400														
4031	2012 SPARTAN ROSENBAUER ENGINE 5	APP	108,912	4,844	468,259	1,320,000				1,428,810											
4032	2012 SPARTAN ROSENBAUER ENGINE 1	APP	106,055	6,804	468,259	1,320,000				1,428,810											
4048	2019 ROSENBAUER COMMANDER ENG 6	APP	47,506	0	0	1,320,000															1,674,079
Class 4300 - FIRE AERIAL (Life Cycle 15+ Years)																					
4033	2013 SUTPHEN SP70 AERIAL PLATFORM	APP	102,017	4,679	983,440	2,200,000					2,428,978										
4034	2013 SUTPHEN SP70 AERIAL PLATFORM	APP	141,964	4,177	939,264	2,200,000					2,428,978										
4035	2013 SUTPHEN SP95 AERIAL PLATFORM	APP	89,644	3,527	1,109,255	2,500,000						2,815,406									
4036	2013 SUTPHEN SP95 AERIAL PLATFORM	APP	115,534	3,393	1,151,319	2,500,000						2,815,406									
Class 4400 - FIRE POLICE BUS (Life Cycle 20+ Years)																					
4037	2007 SPARTAN COMMAND POST BUS	APP	100,047	1,536	1,032,795	2,500,000					2,760,202										
Subtotal:							4,116,720	79,070	111,427	2,922,567	7,684,402	5,716,400	206,763	178,092	1,338,504	92,644	1,151,365	1,674,079	0	6,689,757	183,038
Unrecoverable HST:							72,454	1,392	1,961	51,437	135,245	100,609	3,639	3,134	23,558	1,631	20,264	29,464	0	117,740	3,221
Estimated Replacement Cost:							4,189,174	80,462	113,388	2,974,004	7,819,648	5,817,009	210,402	181,227	1,362,061	94,274	1,171,629	1,703,543	0	6,807,497	186,260
Capitalization:							260,100	15,606	15,918	189,426	193,214	197,078	51,691	35,150	131,460	18,285	18,651	101,459	0	356,259	40,376
Total Replacement Cost:							4,449,274	96,068	129,306	3,163,430	8,012,862	6,014,088	262,093	216,376	1,493,522	112,559	1,190,279	1,805,002	0	7,163,756	226,636
Budget Submission:							4,450,000	97,000	130,000	3,164,000	8,013,000	6,015,000	263,000	217,000	1,494,000	113,000	1,191,000	1,806,000	0	7,164,000	227,000

Notes:

1. Replacement costs include estimated purchase price and capitalization of \$80,000 per unit in classes 4000 to 4400 (excluding units 4037 and 4047) and \$15,000 per units in all other classes.
2. Replacement costs are adjusted for inflation. The inflation factor is currently set to **2.00%**.
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	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Fleet
Title	Parks Equipment Replacement Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Parks & Recreation		
Wards	City Wide		
Version Name	2017 (Active)		

Project Description

This project is for the replacement of Parks Off-Road equipment. 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.

Version Description

Annual budget requests are based on the Fleet and Parks Division's projections of required replacements.

Post pandemic supply chain issues remain in effect and are affecting the availability and cost of vehicles and equipment and continue to cause delays in delivery dates. Furthermore, incentives continue to be reduced or eliminated resulting in increased purchase costs. Vendors are also submitting disclaimers with their tender submissions indicating the pricing provided is subject to change after purchase orders (PO's) are issued due to parts shortages, shipping delays, high order volumes, extended lead times and volatile pricing of raw materials, parts, components, fuel and freight. When reviewing and updating the 10-year replacement plan for the 2024 budget development, Administration considered these factors as well as the deferral of replacements if condition assessments warranted doing so. It was determined that an increased contribution to the Parks Off-Road Reserve (F197) of \$110,000 annually for each of the three consecutive years 2024 through 2026 is required to ensure the reserves sustainability. Should operating issue 2024-0008 not be approved, significant changes to the 10-year replacement plan will be required to ensure reserve sustainability to 2033.

Pricing for the new equipment included in this plan have been updated to reflect available 2023-2024 pricing, pricing may continue to fluctuate over the life of the plan. Any proceeds from the sale of Parks equipment received will be returned back to the Parks Off-Road Equipment Reserve Fund 197.

Project Comments/Reference	Version Comments
See Document Attached Open: 7231002 Closed: 7151005 7161001 7171017 7181015 7191000 7201007 7211001 7221002	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5110	Machinery & Equipment - TCA	1,517,000	596,000	837,000	161,000	1,100,000	1,277,000	1,321,000	980,000	1,327,000	1,485,000	10,601,000
	Total	1,517,000	596,000	837,000	161,000	1,100,000	1,277,000	1,321,000	980,000	1,327,000	1,485,000	10,601,000
Revenues												
197	Off-Road Fleet Replacement	1,517,000	596,000	837,000	161,000	1,100,000	1,277,000	1,321,000	980,000	1,327,000	1,485,000	10,601,000
	Total	1,517,000	596,000	837,000	161,000	1,100,000	1,277,000	1,321,000	980,000	1,327,000	1,485,000	10,601,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2015	345,060	345,060	0				
		2016	702,000	702,000	0				
		2017	459,000	459,000	0				
		2018	617,000	617,000	0				
		2019	451,000	451,000	0				
		2020	1,287,000	1,287,000	0				
		2021	831,000	831,000	0				
		2022	936,000	936,000	0				
		2023	752,000	752,000	0				
		Deferral of replacements contributes to increased repair and operating costs as users require units to be operational to meet expected service levels.							
		Equipment replacements are funded from annual contributions to the Parks Off-Road Equipment Reserve Fund #197. Adjustments to the budgeted annual reserve contribution will be required should positive reserve balances become unsustainable over a 10-year period. Operating budget issue 2024-0008 is being submitted to request an increased depreciation contribution to the reserve due to the increase in replacement costs of vehicles and equipment.							
Year Identified	Start Date	Project Type for 2024	Project Lead		Est. Completion Date				
2015	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Angela Marazita / Chad Goebel		Ongoing`				

FLEET REPLACEMENT SCHEDULE - PARKS OFF ROAD FLEET

(source: FleetFocus as of July 14, 2023)

Unit	Description	Department	Mileage	Hours	Total Cost	Adj. Cost	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Class 5000 - ZAMBONIS - (LIFE CYCLE 8-10 YEARS)																
5004	2008 ZAMBONI RESURFACING ICE MACHINE	ORREC			78,905	165,000									194,700	
5007	2009 ZAMBONI RESURFACING ICE MACHINE	ORREC			80,450	165,000										198,000
5012	2005 ZAMBONI RESURFACING ICE MACHINE	ORREC			75,330	165,000									194,700	
5013	2014 ZAMBONI RESURFACING ICE MACHINE	ORREC			89,463	165,000	168,300									
5014	2015 ZAMBONI RESURFACING ICE MACHINE	ORREC			89,027	165,000		171,600								
5015	2016 ZAMBONI RESURFACING ICE MACHINE	ORREC			89,118	165,000			174,900							
5016	2018 ZAMBONI RESURFACING ICE MACHINE	ORREC			100,645	165,000					184,800					
5017	2019 ZAMBONI RESURFACING ICE MACHINE	ORREC		3	92,447	165,000							188,100			
5018	2021 ZAMBONI RESURFACING ICE MACHINE	ORREC		3	88,900	165,000								191,400		
Class 5100 - 10` MOWERS - (LIFE CYCLE 8-10 YEARS)																
5100	2021 TORO GROUNDSMASTER 4000-D MOWER	ORPARKS		1	84,995	140,000									162,400	
5101	2021 TORO GROUNDSMASTER 4000-D MOWER	ORPARKS		1	84,995	140,000									162,400	
5107	2022 TORO GROUNDSMASTER 4000-D MOWER	ORPARKS		1	107,033	140,000										168,000
5108	2021 TORO GROUNDSMASTER 4000-D MOWER	ORPARKS		1	84,995	140,000									162,400	
5109	2021 TORO GROUNDSMASTER 4000-D MOWER	ORPARKS		1	84,995	140,000									162,400	
5114	2015 JACOBSEN 10` CUT WIDE AREA MOWER	SOLD			50,930	140,000										168,000
5115	2015 JACOBSEN R311T4F 10` MOWER	SOLD			50,930	140,000										168,000
5116	2016 TORO GROUNDSMASTER 4400-D 10` MOWER	ORPARKS			66,970	140,000	142,800									
5117	2016 TORO GROUNDSMASTER 4400-D 10` MOWER	ORPARKS			67,388	140,000	142,800									
5118	2016 GROUNDSMASTER 10` WINGED MOWER	ORPARKS			69,675	140,000	142,800									
5119	2016 GROUNDSMASTER 10` WINGED MOWER	ORPARKS			69,675	140,000		145,600								
5120	2016 GROUNDSMASTER 10` WINGED MOWER	ORPARKS			69,675	140,000		145,600								
5121	2018 GROUNDSMASTER 10` WINGED MOWER	ORPARKS			74,620	140,000					154,000					
5122	2019 TORO GROUNDSMASTER 4000-D 10` MOWER	ORPARKS			97,181	140,000						156,800				
5124	2019 TORO GROUNDSMASTER 4500-D 10` MOWER	ORPARKS			87,100	140,000						156,800				
5125	2022 TORO GROUNDSMASTER 4000-D 10` MOWER	ORPARKS		1,115	107,106	140,000									165,200	
5126	2022 TORO GROUNDSMASTER 4000-D 10` MOWER	ORPARKS		2,096	106,710	140,000										168,000
5127	2022 TORO GROUNDSMASTER 4000-D 10` MOWER	ORPARKS		1	106,710	140,000										168,000
Class 5130 - 16` MOWERS - (LIFE CYCLE 8-10 YEARS)																
5137	2016 JACOBSEN 9016 16` WIDE AREA MOWER	ORPARKS			84,671	200,000	204,000									
5139	2022 TORO 5900-D 16` MOWER	ORPARKS		1	154,160	200,000									236,000	
5146	2015 JACOBSEN 9016 16` MOWER	SOLD			74,930	200,000										240,000
5148	2016 TORO GROUNDSMASTER 5900-D MOWER	ORPARKS			99,560	200,000			212,000							
5149	2016 JACOBSEN SPORTS STRIPPER	ORPARKS			62,500	200,000									236,000	
5150	2017 JACOBSEN 16` MOWER	SOLD			94,005	200,000	204,000									
5151	2018 TORO 5900-D 4WD 16` MOWER	ORPARKS			108,998	200,000					220,000					
5152	2018 TORO 5900-D 4WD 16` MOWER	ORPARKS			108,998	200,000					220,000					

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>Mileage</u>	<u>Hours</u>	<u>Total Cost</u>	<u>Adj. Cost</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>	<u>2031</u>	<u>2032</u>	<u>2033</u>
5153	2019 TORO 5900-D 4WD 16' MOWER	ORPARKS			140,000	200,000						224,000				
5154	2019 TORO 5900-D 4WD 16' MOWER	ORPARKS			140,519	200,000						224,000				
5155	2020 TORO 5900-D 4WD 16' MOWER	ORPARKS			122,776	200,000							228,000			
Class 5160 - ZERO TURN MOWERS - (LIFE CYCLE 8-10 YEARS)																
5168	2016 KUBOTA ZD-331-LP 6' MOWER	ORPARKS			16,200	25,000	25,500									
5170	2019 KUBOTA ZD-1211L-72 ZERO TURN MOWER	ORPARKS			18,181	25,000						28,000				
5171	2019 KUBOTA ZD-1211L-72 ZERO TURN MOWER	ORPARKS			16,687	25,000						28,000				
5172	2019 KUBOTA ZD-1211L-72 ZERO TURN MOWER	ORPARKS			16,687	25,000						28,000				
5173	2020 KUBOTA ZERO TURN REAR MOWER	ORPARKS		1	17,836	25,000							28,500			
5174	2020 KUBOTA ZERO TURN REAR MOWER	ORPARKS		1	17,737	25,000							28,500			
5175	2020 KUBOTA ZERO TURN REAR MOWER	ORPARKS		1	17,688	25,000							28,500			
5176	2020 KUBOTA ZERO TURN REAR MOWER	ORPARKS		1	17,726	25,000							28,500			
Class 5180 - SLOPE MOWERS - (LIFE CYCLE 12-15 YEARS)																
5181	2015 STEINER STEEP SLOPE CUTTING MOWER	ORPARKS			41,130	52,406					57,647					
5182	2015 STEINER STEEP SLOPE CUTTING MOWER	ORPARKS			46,290	52,406					57,647					
Class 5190 - TOW BEHIND MOWERS - (LIFE CYCLE 8-10 YEARS)																
5193	2017 BUSH HOG FLEX WING ROTARY CUTTER	ORPARKS			19,288	35,000				37,800						
5194	2020 BUSH HOG 13810VC TOW BEHIND MOWER	ORPARKS			30,581	35,000							39,900			
Class 5200 - ALL TERRAIN VEHICLES - (LIFE CYCLE 8-10 YEARS)																
5208	2022 YAMAHA UMAX 2 WITH RALLY OPTIONS	ORPARKS		2	13,561	20,000										23,600
5209	2022 YAMAHA UMAX 2 WITH RALLY OPTIONS	ORHORT		3	13,415	20,000										23,600
5211	2020 KUBOTA RTV500-H CART	ORPARKS		1,799	11,288	20,000							22,800			
5212	2020 KUBOTA RTV500-H CART	ORPARKS		1,847	11,159	20,000							22,800			
5215	2022 YAMAHA UMAX 2 WITH RALLY OPTIONS	ORPARKS		2	13,439	20,000										23,600
5216	2022 YAMAHA UMAX 2 WITH RALLY OPTIONS	ORPARKS		3	13,483	20,000										23,600
5228	2020 KUBOTA RTV500-H UTILITY VEHICLE	ORPARKS		7	11,146	20,000							22,800			
5229	2021 KUBOTA RTV500-H UTILITY VEHICLE	ORPARKS		1	10,596	20,000								23,200		
5230	2022 YAMAHA UMAX 2 WITH RALLY OPTIONS	ORPARKS		2	13,415	20,000										23,600
5231	2022 YAMAHA UMAX 2 WITH RALLY OPTIONS	ORPARKS		3	13,415	20,000										23,600
5236	2016 KUBOTA RTV1100 UTILITY VEHICLE	ORPARKS			31,700	45,000	45,900									
5237	2016 KUBOTA RTV1100 UTILITY VEHICLE	ORPARKS			31,700	45,000	45,900									
5238	2016 KUBOTA RTV500 UTILITY VEHICLE	ORPARKS		1,289	12,143	20,000	20,400									
5239	2016 KUBOTA RTV500 UTILITY VEHICLE	ORPARKS			12,143	20,000	20,400									
5240	2016 KUBOTA RTV500 UTILITY VEHICLE	ORPARKS			12,143	20,000	20,400									
5241	2016 KUBOTA RTV500 UTILITY VEHICLE	ORPARKS			12,143	20,000	20,400									
5242	2016 KUBOTA RTV500 UTILITY VEHICLE	ORPARKS			12,143	20,000	20,400									
5243	2016 YAMAHA CONCIERGE 6 ART CART	ORREC			15,372	30,000			31,800							
5244	2017 KUBOTA RTV500 CART	ORREC			12,348	20,000				21,600						
5245	2018 KUBOTA RTV500 CART	ORPARKS			11,481	20,000					22,000					
5246	2018 KUBOTA RTV500 CART	ORPARKS		943	11,481	20,000					22,000					
5247	2018 KUBOTA RTV500 CART	ORHORT		803	11,481	20,000					22,000					
5248	2018 KUBOTA RTV500 CART	ORPARKS			11,481	20,000					22,000					

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>Mileage</u>	<u>Hours</u>	<u>Total Cost</u>	<u>Adj. Cost</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>	<u>2031</u>	<u>2032</u>	<u>2033</u>
5249	2018 KUBOTA RTV500 CART	ORHORT			11,481	20,000					22,000					
5250	2018 KUBOTA RTV500 CART	ORPARKS			11,481	20,000					22,000					
5251	2018 KUBOTA RTV500 CART	ORPARKS			11,481	20,000					22,000					
5252	2018 KUBOTA RTV X900W TRACTOR	ORFOREST			15,000	30,000					33,000					
Class 5270 - TOOLCATS - (LIFE CYCLE 8-10 YEARS)																
5273	2016 BOBCAT MODEL 5600-F TOOLCAT	ORPARKS			62,024	105,000	107,100									
Class 5300 - TRACTORS - (LIFE CYCLE 15-20 YEARS)																
5301	2010 KUBOTA L3240D TRACTOR	SOLD			39,178	60,000	61,200									
5302	2021 KIOTI ENCLOSED CAB TRACTOR	ORPARKS		214	49,075	45,792										Year 2036
5309	2011 KUBOTA L3940 TRACTOR	ORPARKS			26,964	66,000			69,960							
5311	2011 KUBOTA L3940 TRACTOR	ORPARKS			26,964	66,000			69,960							
5312	2011 KUBOTA L3940 TRACTOR	ORPARKS			26,964	66,000			69,960							
5313	2011 KUBOTA L3940 TRACTOR	ORPARKS			26,964	66,000			69,960							
5319	2014 JOHN DEERE TRACTOR MOWER BOOM	ORPARKS			187,279	291,034										Year 2034
5320	2018 KIOTI PX1153 PCB TRACTOR	ORPARKS		1,445	53,932	68,688										82,426
5321	2019 KUBOTA L4060 TRACTOR LOADER	ORFOREST			39,434	66,000										Year 2039
5322	2020 KIOTI TRACTORS PX1153 POWER SHUTTLE	ORPARKS	5	2,222	64,449	65,000										Year 2035
5323	2020 KIOTI TRACTOR DK4710SE HST CAB	ORPARKS		9,206	32,119	65,000										Year 2035
5324	2020 KIOTI TRACTOR DK4710SE HST CAB	ORPARKS		35,700	32,129	65,000										Year 2035
5325	2020 KIOTI TRACTOR DK4710SE HST CAB	ORPARKS		8,740	32,148	0										Year 2035
5326	2021 KIOTI TRACTOR CAB LOADER	ORPARKS		1,222	45,532	0										Year 2036
5327	2021 KIOTI TRACTOR CAB LOADER	ORPARKS		50	45,664	0										Year 2036
5328	2021 KIOTI TRACTOR CAB LOADER	ORPARKS		2	45,361	0										Year 2036
Class 5400 - SKID STEER / LOADERS - (LIFE CYCLE 12-15 YEARS)																
5403	2014 BOBCAT SKID STEER LOADER	ORPARKS			54,136	111,936					125,368					
5405	2015 MELROE BOBCAT ALL-WHEEL LOADER	ORPARKS			50,000	111,936							127,607			
5406	2022 COMPACT SKID STEER LOADER- S770	ORPARKS			84,500	111,936										Year 2037
Class 5500 - FORK LIFTS - (LIFE CYCLE 20-22 YEARS)																
5501	2012 STARKE FORKLIFT	ORPARKS			25,880	31,546										37,224
5503	2003 NOBLE 8 TON FORKLIFT	ORHORT			32,936	135,000										
Class 5600 - RAKES - (LIFE CYCLE 12-15 YEARS)																
5601	2013 TORO MODEL 3040 SAND PRO RAKE	ORPARKS			17,614	23,405		24,341								
5607	2014 TORO MODEL 3040 SAND PRO RAKE	ORPARKS			13,834	23,405			24,809							
5609	2022 BEACHTECH MDL 200 BEACH CLEANER	ORPARKS			78,610	0										Year 2037
5610	2023 BANNERMAN STONE BURIER	ORPARKS			18,313	0										Year 2038
5611	2023 KUBOTA OS1572 OVERSEEDER	ORPARKS			23,039	0										Year 2038
5623	2001 BANNERMAN QUICK SLITT PLANTER	ORPARKS			24,382	31,546										
5644	2011 SMITHCO SAND BUNKER RAKE	ORPARKS			16,000	23,405										
5682	2020 FOLEY BLADE SHARPENING MACHINE	ORPARKS			23,300	0										Year 2035
Class 5700 - ATTACHMENTS - (LIFE CYCLE 20-22 YEARS)																
5701	2008 HORST SNOW PLOW BLADE	ORPARKS			19,130	0					26,782					
5702	2018 JOHN DEERE UTILITY TRACTOR	ORPARKS			109,975	0										Year 2038

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>Mileage</u>	<u>Hours</u>	<u>Total Cost</u>	<u>Adj. Cost</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>	<u>2031</u>	<u>2032</u>	<u>2033</u>	
5703	2019 RC TRAILERS COVERED TRAILER	ORPARKS			10,216	0										Year 2039	
5704	2021 TORO PRO FORCE DEBRIS BLOWER	ORPARKS			11,648	0										Year 2041	
5705	2021 TORO VERSA VAC TURF SWEEPER	ORPARKS			36,831	0										Year 2041	
5706	2021 TORO WIRELESS TOP DRESSER	ORPARKS			56,236	0										Year 2041	
Class 5800 - TRACKLESS UTILITY - (LIFE CYCLE 10 YEARS)																	
5803	2020 TRACKLESS MT7 TRACTOR WITH BROOM	ORPARKS	8	92,672	293,402	190,000							216,600				
5804	2020 TRACKLESS MT7 TRACTOR WITH BROOM	ORPARKS	161	8,237	293,103	190,000							216,600				
Class 5850 - BOATS - (LIFE CYCLE 10 YEARS)																	
5850	2018 PRINCECRAFT PONTOON BOAT	ORREC			49,614	0					59,537						
5851	2018 MIDWEST INDUSTRIAL BOAT TRAILER	ORREC			0	0											
Total Number of Active Units:		117					Subtotal:	1,392,300	487,141	723,349	59,400	982,612	1,155,768	1,199,207	864,200	1,205,424	1,360,426
Total Number of Units to be Replaced:		117					Unrecoverable HST:	24,504	8,574	12,731	1,045	17,294	20,342	21,106	15,210	21,215	23,943
							Total Estimated Cost:	1,416,804	495,715	736,080	60,445	999,906	1,176,110	1,220,313	879,410	1,226,640	1,384,369
							Emergency Replacement Contingency:	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
							Total Costs:	1,516,804	595,715	836,080	160,445	1,099,906	1,276,110	1,320,313	979,410	1,326,640	1,484,369
							Budget Submission:	1,517,000	596,000	837,000	161,000	1,100,000	1,277,000	1,321,000	980,000	1,327,000	1,485,000

Notes:

1. Total and adjusted costs include purchase price plus capitalization.
2. Estimated replacement costs represent the adjusted cost plus an annual inflation factor from the current date. If no adjusted cost is identified, the total cost plus an annual inflation factor from the date of purchase is used. Replacement costs have been adjusted for current market pricing. The inflation factor is currently set to **2.00%**.
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 the current year or can be extended.



Project Version Summary

Project #	OPS-001-17	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Fleet
Title	Fuel Site Equipment Replacement		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
<p>The City of Windsor owns and operates 9 fuel sites at various locations across the City for Corporate use. The City also owns and operates 1 retail fuel site at Lakeview Park Marina located at 9200 Riverside Drive East.</p> <p>In 2017, electric vehicles were introduced in the Corporate fleet requiring the installation of charging stations. As the fleet transitions to more electric vehicles, additional charging stations will be installed and added to the infrastructure inventory.</p> <p>This project is for the replacement of fuel site equipment to ensure fuel is available to the Corporate and Police Services fleets and to comply with legislated requirements of the Liquid Fuels Handling code which is monitored by the Technical Standards and Safety Authority (TSSA).</p>
Version Description
<p>A detailed replacement schedule including all sites and equipment with required funding by year is attached for information.</p> <p>The City purchased and installed 20 charging stations between 2021 – 2023 as approved by Natural Resources Canada’s Zero Emission Vehicle Infrastructure Program (ZEVIP). The fuel site inventory plan will be updated as additional charging stations are installed.</p>

Project Comments/Reference	Version Comments
See Document Attached 7221007	

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5110	Machinery & Equipment - TCA	62,000	17,780	0	19,950	50,000	50,000	50,000	50,000	122,200	100,000	521,930
	Total	62,000	17,780	0	19,950	50,000	50,000	50,000	50,000	122,200	100,000	521,930
Revenues												
169	Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	100,000	100,000
221	Service Sustainability Investm	62,000	17,780	0	19,950	50,000	50,000	50,000	50,000	122,200	0	421,930
	Total	62,000	17,780	0	19,950	50,000	50,000	50,000	50,000	122,200	100,000	521,930

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2022	289,100	289,100	0				
		2023	36,300	36,300	0				
					Any budget deferral in approved funding will result in an increase in operating costs to maintain equipment and comply with legislated requirements.				
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date			
2017	January 1, 2020	Growth: 0.0 % Maintenance: 100.0 %		Angela Marazita		Ongoing`			

Fuel Site Replacement Schedule 2023-09-28

Fuel Site	Component	Installation Year	Expected Life*	Replacement Year**	Replacement Cost***	Required Capital Budget by Year****									
						2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Crawford Yard	2 x 22700L UST Fuel Tank	1990	30-40 years	2022	\$ 250,000.00										
	2 x Dispenser w/ Fuel Pumps	2009	10-15 years	2024	\$ 45,000.00	\$ 43,400									
	2200L AST Fuel Tank + Fill-Rite Pump	2016	15-25 years	2036	\$ 7,000.00										
	FuelFocus Controller (8-Hose)	2019	10 years	2029	\$ 30,000.00						\$ 27,800				
	VeederRoot	2009	20-25 years	2028	\$ 55,000.00					\$ 50,000					
	Underground Piping	2009	20-25 years	2022	\$ 60,000.00										
	Canopy	2009	20-25 years	2033	\$ 135,000.00										\$ 83,270
Parks McDougall	2200L AST Waste Oil Tank	2020	15-25 years	2040	\$ 10,000.00										
	4600L AST Fuel Tank	2014	15-25 years	2034	\$ 12,000.00										
	7500L AST Fuel Tank w/ Steps	2014	15-25 years	2034	\$ 18,000.00										
	2 x Dispenser w/ Fuel Pumps	1991	10-15 years	2022	\$ 40,000.00										
	2200L AST Fuel Tank + Fill-Rite Pump	2020	15-25 years	2040	\$ 7,000.00										
Little River	FuelFocus Controller (4-Hose)	2020	10 years	2030	\$ 30,000.00							\$ 25,000			
	4600L AST Fuel Tank + Fill-Rite Pump	2010	15-25 years	2031	\$ 8,500.00								\$ 10,300		
	4500L AST Fuel Tank + Fill-Rite Pump	2020	15-25 years	2040	\$ 8,500.00										
	2200L AST Fuel Tank + Fill-Rite Pump	2020	15-25 years	2040	\$ 7,000.00										
Malden Park	FuelFocus Controller (4-Hose)	2020	10 years	2030	\$ 30,000.00							\$ 25,000			
	2 x 2300L AST Fuel Tank + Fill-Rite Pumps	2012	15-25 years	2032	\$ 14,000.00									\$ 14,800	
Solid Waste	FuelFocus Controller (2-Hose)	2014	10 years	2024	\$ 25,000.00	\$ 18,600									
	4600L AST Fuel Tank + Fill-Rite Pump	2011	15-25 years	2033	\$ 8,500.00										\$ 11,050
	8850L AST Fuel Tank + 2 x High Flow Fill-Rite Pumps	2021	15-25 years	2041	\$ 25,000.00										
Fire Station #1	FuelFocus Controller (4-Hose)	2021	10 years	2031	\$ 30,000.00							\$ 26,100			
	4500L Dual Comp. AST Fuel Tank + Fill-Rite Pumps	2018	15-25 years	2038	\$ 12,000.00										
Fire Station #2	FuelFocus Controller (2-Hose)	2019	10 years	2029	\$ 25,000.00						\$ 22,200				
	4500L AST Fuel Tank + Fill-Rite Pump	2005	15-25 years	2025	\$ 8,500.00		\$ 8,890								
Fire Station #3	4500L AST Fuel Tank + Fill-Rite Pump	2005	15-25 years	2025	\$ 8,500.00		\$ 8,890								
	2 x 2300L AST Fuel Tank + Fill-Rite Pumps	2017	15-25 years	2037	\$ 14,000.00										
Fire Apparatus	FuelFocus Controller (2-Hose)	2017	10 years	2027	\$ 25,000.00				\$ 19,950						
	35000L Dual Compartment UST Fuel Tank w/ Pumps	2017	30-40 years	2047	\$ 250,000.00										
Lakeview Marina	2 x Dispenser	2017	10-15 years	2032	\$ 45,000.00									\$ 51,800	
	VeederRoot	2017	20-25 years	2037	\$ 55,000.00										
	Underground Piping	2017	20-25 years	2037	\$ 60,000.00										
	Level 2 Charging Station - Crawford Yard (Unit #0485)	2017	10 years	2031	\$ 2,000.00								\$ 2,720		
Electric Charging Stations	Level 2 Charging Station - Crawford Yard (Unit #0490)	2019	10 years	2033	\$ 2,000.00								\$ 2,720		\$ 2,840
	Level 2 Charging Station - 1266 McDougall (Unit #0486)	2019	10 years	2031	\$ 2,000.00								\$ 2,720		
	Level 2 Charging Station - 1266 McDougall (Unit #0487)	2019	10 years	2031	\$ 2,000.00								\$ 2,720		
	Level 2 Charging Station - Lou Romano Plant (Unit #0488)	2019	10 years	2031	\$ 2,000.00								\$ 2,720		
	Level 2 Charging Station - 400 City Hall (Unit #0489)	2019	10 years	2031	\$ 2,000.00								\$ 2,720		
	Level 2 Charging Station - Fire Station #1 (Unit #3039)	2019	10 years	2033	\$ 2,000.00								\$ 2,720		
	Level 2 Charging Stations - Solid Waste Yard (8 Units)	2022	10 years	2032	\$ 16,000.00								\$ 22,240		
	Level 2 Charging Stations - Parks McDougall Yard (3 Units)	2022	10 years	2032	\$ 6,000.00								\$ 8,340		
	Level 2 Charging Stations - Crawford Yard (9 Units)	2022	10 years	2032	\$ 18,000.00								\$ 25,020		
	Totals:						\$ 62,000	\$ 17,780	\$ -	\$ 19,950	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 122,200

*Expected life ranges provided by MWH Petroleum, Waddick Fuels, AssetWorks, and Sun Country Highway (electric charging stations).

**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 sheets for details by component. Replacement cost for Lakeview Marina fuel site estimated based on replacement costs for individual components of Crawford Yard fuel site.

****Replacement costs from 2023 for fuel sites and 2019 for electric charging stations inflated annually by 3% (not compounded).



Project Version Summary

Project #	OPS-001-20	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Fleet
Title	Corporate Fleet Software System		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

This project is to address fleet software systems related improvements and upgrades to ensure efficient operations in all fleet areas.

FleetFocus is the corporate fleet management software solution utilized to track and manage all functions related to the maintenance of vehicles 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.

FuelFocus is the corporate fuel management system utilized by Public Works Operations at corporate fuel sites to control access, manage the supply, usage and costing of fuel to vehicles and equipment. The City of Windsor owns and operates 9 corporate fuel sites and is working towards automating all sites to eliminate manual records as per the Fuel Site Review completed in 2014.

FOCUS is the corporate GPS/AVL system utilized to track location, travel patterns and usage of those units that have been equipped with the technology.

Version Description

Fleet Management System - FleetFocus:
Migration to a web-based system will allow users to leverage new features and gain efficiencies, improve system availability and decrease maintenance requirements. It will also 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. The estimated cost of the migration includes the purchase of software licences, implementation services and training as well as the impact of the US exchange rate.

Fuel Management System - FuelFocus:
Four fuel sites (Crawford, Malden Park, Fire Station 1 - Goyeau, and Fire Apparatus - Kew) require an upgrade to Windows 10. The cost to complete the upgrade to Windows 10 is approximately \$12,000 per site.
There are 2 sites that have not yet been automated and rely on manual records. These sites are located at 3121 Milloy and 2750 Ouellette. This project will address the implementation of the City's fuel management system (FuelFocus) at these fuel sites.

GPS / AVL System - FOCUS:
Additional functionality will enhance tracking and reporting capabilities.

DriveON:
A new digital program combining emission and safety inspections for heavy diesel commercial motor vehicles, called DriveON, will replace the current provincial Heavy Diesel Emissions and Motor Vehicle Inspection Station (MVIS) program. The new program will require training for technicians and the purchase of inspection equipment including tablets.

Project Comments/Reference	Version Comments
7209002 This project is a consolidation and replaces: OPS-002-16 Fuel Site Automation Initiatives and OPS-005-16 FleetFocus Web Migration.	There is an annual software maintenance fee for the FleetFocus system that is shared among the fleet areas. The Fire department is no longer utilizing FleetFocus as a work order management system as of 2021. The database was moved to a new server in 2021 to prepare for the migration to a web-based environment and an upgrade of the existing FleetFocus graphic user interface (GUI) version was completed in 2023. Automation of the fuel sites at the Apparatus Division of Fire was completed in 2017 and Fire Headquarters was completed in 2019. The Environmental fuel site was upgraded in 2021 to include both clear and coloured diesel.

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5126 Computer Software	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	60,000	60,000	520,000
Total	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	60,000	60,000	520,000
Revenues											
169 Pay As You Go - Capital Reserve	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	60,000	60,000	520,000
Total	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	60,000	60,000	520,000

Related Projects	Historical Approved Budget				Operating Budget Impact			
	Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
			Net City Cost	Subsidies	Description		0	0
	2020	20,000	20,000	0	No Operating Budget Impact			
	2021	50,000	50,000	0				
	2022	85,000	85,000	0				
	2023	50,000	50,000	0				

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2020	January 1, 2020	Growth: 100.0 % Maintenance: 0.0 %	Angela Marazita	Ongoing`



Project Version Summary

Project #	OPS-001-23	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Fleet
Title	Fleet Garage Equipment		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

The Fleet Division operates from multiple locations. This project is for the purchase of garage equipment required to comply with legislated requirements for the maintenance and repair of vehicles and equipment.

Version Description

There are many pieces of equipment vital to the Fleet Division to perform their day-to-day service for the corporation.

Equipment currently under review to be included on an ongoing replacement schedule includes:

- 6 Hoists
- 6 Lifts
- 2 Compressors
- Parts Washer
- Power Washer
- 2 Drill Presses
- Hydraulic Press
- Metal Band Saw
- Sand Blaster
- Tire Balancing Machine
- Passenger Tire Mounting Machine
- Truck Tire Mounting Machine
- Tire Spreader
- Tenant Sweeper
- Blue Giant Lift
- Welders, 1 large mig/stick, 1 TIG, 1 Small Mig

The cost to replace a hoist is estimated between \$500,000 to \$700,000.

Project Comments/Reference	Version Comments

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5110 Machinery & Equipment - TCA	0	0	0	0	0	0	0	0	250,000	250,000	500,000
Total	0	0	0	0	0	0	0	0	250,000	250,000	500,000
Revenues											
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	250,000	250,000
221 Service Sustainability Investm	0	0	0	0	0	0	0	0	250,000	0	250,000
Total	0	0	0	0	0	0	0	0	250,000	250,000	500,000

Related Projects		Historical Approved Budget		Operating Budget Impact
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2023	January 1, 2023	Growth: 0.0 % Maintenance: 0.0 %	Angela Marazita / Chad Goebel	Ongoing`



Project Version Summary

Project #	OPS-002-17	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Fleet
Title	Fuel Site Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Transportation		
Wards	Ward 3		
Version Name	Main (Active)		

Project Description

The City of Windsor owns and operates 9 fuel sites at the following locations:
 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

The City also owns and operates 1 retail fuel site at Lakeview Park Marina located at 9200 Riverside Drive East.

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.

This project is to ensure the safe operation of all corporate fuel sites and to maintain compliance with provincial regulations.

Version Description

The Liquid Fuels Handling Code 2017 was adopted by the TSSA on June 14, 2017, and is effective October 1, 2017. As a result, rehabilitation is required at various sites to ensure compliance with the new regulation.

An inspection of each corporate fuel site was completed in 2023. This project will address the implementation of recommendations from the vendor.

Project Comments/Reference

7221055

Version Comments

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5110	Machinery & Equipment - TCA	50,000	50,000	50,000	50,000	25,000	25,000	25,000	25,000	25,000	25,000	350,000
Total		50,000	50,000	50,000	50,000	25,000	25,000	25,000	25,000	25,000	25,000	350,000
Revenues												
169	Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	25,000	25,000
221	Service Sustainability Investm	50,000	50,000	50,000	50,000	25,000	25,000	25,000	25,000	25,000	0	325,000
Total		50,000	50,000	50,000	50,000	25,000	25,000	25,000	25,000	25,000	25,000	350,000
Related Projects		Historical Approved Budget				Operating Budget Impact						
				Revenue		Effective Date		Unknown		Exp/(Rev)		FTE Impact
		Year	Total Expense	Net City Cost	Subsidies	Description						
		2022	153,240	153,240	0	Any budget deferral in approved funding will result in an increase in operating costs to maintain sites and comply with legislated requirements.						0
		2023	6,050	6,050	0							
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date						
2017	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %		Angela Marazita		Ongoing`						



Project Version Summary

Project #	OPS-005-08	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Fleet
Title	Corporate Fleet Replacement Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

This project is for the replacement of dedicated vehicles and equipment in the corporate fleet.

Version Description

Annual budget requests are based on the Fleet Division's projections of required replacements.

Post pandemic supply chain issues remain in effect and are affecting the availability and cost of vehicles and equipment and continue to cause delays in delivery dates. Furthermore, incentives continue to be reduced or eliminated resulting in increased purchase costs. Vendors are also submitting disclaimers with their tender submissions indicating the pricing provided is subject to change after purchase orders (PO's) are issued due to parts shortages, shipping delays, high order volumes, extended lead times and volatile pricing of raw materials, parts, components, fuel and freight. When reviewing and updating the 10-year replacement plan for the 2024 budget development, Administration considered these factors as well as the deferral of replacements if condition assessments warranted doing so. It was determined that an increased contribution to the Corporate Fleet Replacement Reserve (F136) of \$392,000 annually for each of the three consecutive years 2024 through 2026 is required to ensure the reserves sustainability. Should operating issue 2024-0008 not be approved, significant changes to the 10-year replacement plan will be required to ensure reserve sustainability to 2033.

Pricing for the new equipment included in this plan have been updated to reflect available 2023-2024 pricing, pricing may continue to fluctuate over the life of the plan. Any proceeds from the sale of dedicated corporate equipment received will be returned back to the Fleet Equipment Reserve Fund 136.

Project Comments/Reference

See Document Attached
 Active: 7201008 7211033 7221004 7231003,7241002
 Closed: 7085004 7091012 7101015 7111028 7121009
 7131112 7141002 7151004 7161033 7171021 7181016
 7191001

Version Comments

COMMITMENTS:
 CR394/2023 C 131/2023: F136 2024 \$1,952,388

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5110	Machinery & Equipment - TCA	2,759,936	1,079,789	3,283,115	4,142,876	1,497,335	3,547,839	2,403,644	2,194,307	5,113,432	4,388,198	30,410,471
Total		2,759,936	1,079,789	3,283,115	4,142,876	1,497,335	3,547,839	2,403,644	2,194,307	5,113,432	4,388,198	30,410,471
Revenues												
136	Equipment Replacement	807,548	1,079,789	3,283,115	4,142,876	1,497,335	3,547,839	2,403,644	2,194,307	5,113,432	4,388,198	28,458,083
136CF	Committed Funding	1,952,388	0	0	0	0	0	0	0	0	0	1,952,388
Total		2,759,936	1,079,789	3,283,115	4,142,876	1,497,335	3,547,839	2,403,644	2,194,307	5,113,432	4,388,198	30,410,471

Related Projects		Historical Approved Budget				Operating Budget Impact					
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact	
					Total Expense	Net City Cost					Subsidies
2008	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Angela Marazita / Chad Goebel	Ongoing`	2008	2,000,000	2,000,000	0		0	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			
					2018	1,574,000	1,574,000	0			
					2019	2,606,000	2,606,000	0			
					2020	2,288,000	2,288,000	0			
					2021	1,057,000	1,057,000	0			
					2022	1,920,000	1,920,000	0			
					2023	2,498,000	2,498,000	0			

FLEET REPLACEMENT SCHEDULE - CORPORATE FLEET

(source: FleetFocus as of July 14, 2023)

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>Mileage</u>	<u>Hours</u>	<u>Total Cost</u>	<u>Adj. Cost</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>	<u>2031</u>	<u>2032</u>	<u>2033</u>
Class 110 - VANS (Life Cycle 7 - 9 Years)																
0259	2010 CHEVROLET EXPRESS CARGO VAN	PW LAB	64,907		36,783	60,000							68,921			
0262	2022 CHEVROLET 2500 EXPRESS CARGO VAN	PW LAB	244		35,124	60,000									71,706	
0263	2022 CHEVROLET 2500 EXPRESS CARGO VAN	FAC ADMIN	839		39,783	60,000									71,706	
0264	2022 CHEVROLET 2500 EXPRESS CARGO VAN	PW SURVEY	5,411		42,637	60,000									71,706	
0267	2023 FORD TRANSIT T350 CARGO VAN	FAC MGT	85		59,155	70,000									83,656	
0271	2017 CHEVROLET E2500 EXPRESS CARGO VAN	PW LAB	120,410		34,552	60,000		62,424								
0272	2017 CHEVROLET E2500 EXPRESS CARGO VAN	FAC MGT	68,078		34,552	60,000			63,672							
0273	2017 CHEVROLET E2500 EXPRESS CARGO VAN	FAC ADMIN	67,551		34,552	60,000			63,672							
0274	2017 CHEVROLET E2500 EXPRESS CARGO VAN	FAC ADMIN	53,787		34,552	60,000			63,672							
0276	2017 CHEVROLET E2500 EXPRESS CARGO VAN	PW SEWER	170,085		34,552	60,000	61,200									73,140
0277	2018 CHEVROLET E2500 EXPRESS CARGO VAN	PW SURVEY	78,122		31,215	60,000				64,946						
0278	2018 CHEVROLET E2500 EXPRESS CARGO VAN	FAC ADMIN	27,137		31,215	60,000				64,946						
0279	2018 CHEVROLET E2500 EXPRESS CARGO VAN	FAC ADMIN	37,623		31,215	60,000				64,946						
0280	2018 CHEVROLET E2500 EXPRESS CARGO VAN	PW SURVEY	22,241		31,215	60,000				64,946						
0281	2018 CHEVROLET E2500 EXPRESS CARGO VAN	FAC MGT	53,144		31,215	60,000				64,946						
0282	2018 CHEVROLET E2500 EXPRESS CARGO VAN	FAC MGT	46,576		31,215	60,000				64,946						
0283	2018 CHEVROLET E2500 EXPRESS CARGO VAN	PW SURVEY	32,860		31,215	60,000				64,946						
0284	2020 FORD F250 TRANSIT CARGO VAN	FAC MGT	36,445		45,187	60,000						67,570				
0285	2020 FORD F250 TRANSIT CARGO VAN	FAC ADMIN	17,015		40,998	60,000						67,570				
0298	2020 FORD TRANSIT CARGO VAN	PW Q A	17,806		38,644	60,000						67,570				
0299	2020 FORD TRANSIT CARGO VAN	PW Q A	13,801		38,341	60,000						67,570				
3027	2013 FORD ECONO SUPER CARGO VAN	FIRE	363,445		27,619	85,000			90,203							
Class 120 - CUBE VANS (Life Cycle 9 - 11 Years)																
0304	2012 GMC SAVANA UNICELL VAN	PW SEWER	229,825		46,655	95,000										
0305	2017 GMC EXPRESS 3500 CUBE VAN	LIBRARY	82,896		38,423	95,000				102,831						
Class 145 - MINI VANS (Life Cycle 7 - 9 Years)																
0339	2020 DODGE GRAND CARAVAN	PARK SERV	66,863		28,633	52,000						58,560				
0340	2020 DODGE GRAND CARAVAN	PW SURVEY	18,170		27,905	52,000						58,560				
0341	2020 DODGE GRAND CARAVAN	PW SURVEY	40,467		26,908	52,000						58,560				
0342	2020 DODGE GRAND CARAVAN	TRAF ADMIN	15,650		27,145	52,000						58,560				
0343	2020 DODGE GRAND CARAVAN	PARKS DD	21,283		27,051	52,000						58,560				

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>Mileage</u>	<u>Hours</u>	<u>Total Cost</u>	<u>Adj. Cost</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>	<u>2031</u>	<u>2032</u>	<u>2033</u>
0344	2020 DODGE GRAND CARAVAN	INFO TECH	7,066		26,714	52,000						58,560				
0346	2016 DODGE GRAND CARAVAN SE	PW SURVEY	55,840		21,846	52,000		54,101								
0347	2016 DODGE GRAND CARAVAN SE	PW LRPCP	89,288		21,846	52,000		54,101								
0348	2016 DODGE GRAND CARAVAN SE	BUILDING	70,598		21,846	52,000		54,101								
0349	2016 DODGE GRAND CARAVAN SE	PARK SERV	105,600		21,846	52,000		54,101								
0382	2019 DODGE GRAND CARAVAN SXT	PW CONTRAC	85,844		27,187	52,000					57,412					
0383	2014 DODGE GRAND CARAVAN	BUILDING	82,537		19,795	52,000								60,926		
0384	2014 DODGE GRAND CARAVAN	BUILDING	109,804		19,795	52,000								60,926		
0385	2014 DODGE GRAND CARAVAN	BUILDING	72,809		19,795	52,000								60,926		
0386	2014 DODGE GRAND CARAVAN	BUILDING	99,452		19,795	52,000								60,926		
0387	2014 DODGE GRAND CARAVAN	BUILDING	75,947		19,795	52,000								60,926		
0388	2014 DODGE GRAND CARAVAN	BUILDING	101,409		19,795	52,000								60,926		
0389	2014 DODGE GRAND CARAVAN	BUILDING	98,039		19,795	52,000								60,926		
0390	2014 DODGE GRAND CARAVAN	BUILDING	66,794		19,795	52,000								60,926		
0391	2014 DODGE GRAND CARAVAN	BUILDING	83,876		19,795	52,000								60,926		
0392	2014 DODGE GRAND CARAVAN	BUILDING	86,693		19,795	52,000								60,926		
0393	2014 DODGE GRAND CARAVAN	BUILDING	86,540		19,795	52,000								60,926		
0395	2016 DODGE CARAVAN MINIVAN	PARKS	67,211		23,739	52,000	53,040									63,388
0396	2016 DODGE CARAVAN MINIVAN	PW TECHNIC	16,261		23,739	52,000		54,101								
0397	2016 DODGE CARAVAN MINIVAN	PW TECHNIC	57,556		23,739	52,000		54,101								
0398	2016 DODGE CARAVAN MINIVAN	SIGNALS	45,000		23,739	52,000		54,101								
0399	2016 DODGE CARAVAN MINIVAN	PW ENFORCE	68,038		23,739	52,000		54,101								
0401	2017 DODGE CARAVAN MINIVAN	PW CONTRAC	69,652		24,686	52,000					55,183					
0402	2017 DODGE CARAVAN MINIVAN	PW SURVEY	44,146		24,686	52,000					55,183					
0403	2017 DODGE CARAVAN MINIVAN	PW SURVEY	38,645		24,686	52,000					55,183					
0404	2017 DODGE CARAVAN MINIVAN	PW CONTRAC	70,351		24,686	52,000					55,183					
0405	2017 DODGE CARAVAN MINIVAN	PW PUMP ST	128,726		24,686	52,000	53,040									63,388
0406	2019 DODGE CARAVAN MINIVAN	PARK SERV	33,738		28,648	52,000					56,286					
0407	2019 DODGE CARAVAN MINIVAN	FAC MGT	19,822		28,648	52,000					56,286					
0408	2019 DODGE CARAVAN MINIVAN	FORESTRY	41,493		28,648	52,000					56,286					
0409	2019 DODGE GRAND CARAVAN	BUILDING	32,510		24,139	52,000					56,286					
0410	2019 DODGE GRAND CARAVAN	BUILDING	19,597		23,940	52,000					56,286					
0411	2019 DODGE CARAVAN MINIVAN	PW SURVEY	34,521		26,587	52,000					56,286					
0412	2019 DODGE CARAVAN MINIVAN	BUILDING	22,636		26,587	52,000					56,286					
0413	2019 DODGE GRAND CARAVAN	BUILDING	20,104		23,983	52,000					56,286					

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0414	2019 DODGE GRAND CARAVAN	PW SURVEY	34,535		26,291	52,000				56,286						
0415	2019 DODGE GRAND CARAVAN	PW ENFORCE	41,156		25,522	52,000				56,286						
0416	2019 DODGE CARAVAN MINIVAN	PW Q A	22,475		26,587	52,000				56,286						
0417	2019 DODGE GRAND CARAVAN	PW WWPCP	21,981		23,743	52,000				56,286						
3019	2013 DODGE GRAND CARAVAN MINIVAN	FIRE	82,823		18,863	52,000	53,040									63,388
3020	2013 DODGE GRAND CARAVAN MINIVAN	FIRE	72,234		18,863	52,000	53,040									63,388
3021	2013 DODGE GRAND CARAVAN MINIVAN	FIRE	83,637		18,863	52,000	53,040									63,388
3025	2013 DODGE GRAND CARAVAN MINIVAN	SOLD	58,099		18,594	52,000									62,145	
3028	2014 DODGE GRAND CARAVAN	FIRE	70,464		19,757	52,000		54,101								
3029	2014 DODGE GRAND CARAVAN	FIRE	86,685		19,757	52,000		54,101								
3031	2016 DODGE CARAVAN MINIVAN	FIRE	67,559		21,613	52,000			55,183							
3032	2016 DODGE CARAVAN MINIVAN	FIRE	41,712		21,613	52,000			55,183							
3033	2016 DODGE CARAVAN MINIVAN	FIRE	45,451		21,613	52,000			55,183							
3038	2019 DODGE CARAVAN MINIVAN	FIRE	39,515		25,503	52,000					57,412					
3041	2020 DODGE GRAND CARAVAN	FIRE	43,859		26,019	52,000						58,560				
3042	2020 DODGE GRAND CARAVAN	FIRE	37,377		26,019	52,000						58,560				
3043	2020 DODGE GRAND CARAVAN	FIRE	12,765		26,019	52,000						58,560				
3044	2021 FORD TRANSIT CONNECT VAN	FIRE	23,468		30,094	52,000							59,732			
3045	2021 FORD TRANSIT CONNECT VAN	FIRE	26,708		30,218	52,000							59,732			
Class 155 - CROSSOVERS (Life Cycle 8 - 10 Years)																
0450	2021 CHEVROLET EQUINOX LS	BYLAW	25,670		27,182	36,000								42,180		
0451	2021 CHEVROLET EQUINOX LS	BYLAW	28,137		26,964	36,000								42,180		
0452	2021 CHEVROLET EQUINOX LS	BYLAW	23,708		26,895	36,000								42,180		
0453	2021 CHEVROLET EQUINOX LS	BYLAW	24,034		26,643	36,000								42,180		
0454	2021 CHEVROLET EQUINOX LS	BYLAW	20,515		27,181	36,000								42,180		
0455	2021 CHEVROLET EQUINOX LS	BYLAW	13,874		27,003	36,000								42,180		
0456	2021 CHEVROLET EQUINOX LS	BYLAW	35,150		27,291	36,000								42,180		
0457	2021 CHEVROLET EQUINOX LS	BYLAW	25,315		27,181	36,000								42,180		
0458	2021 CHEVROLET EQUINOX LS	BYLAW	31,475		26,584	36,000								42,180		
0459	2021 CHEVROLET EQUINOX LS	BYLAW	9,596		27,547	36,000								42,180		
0472	2021 CHEVROLET EQUINOX LS	BYLAW	27,757		26,995	36,000								42,180		
0473	2021 CHEVROLET EQUINOX LS	BYLAW	18,957		26,855	36,000								42,180		
3050	2023 CHEVROLET EQUINOX LS	FIRE	6,121		28,881	36,000										43,023
Class 163 - ELECTRIC VEHICLES (Life Cycle 6 - 8 Years)																
0485	2017 CHEVROLET BOLT	BUILDING	37,513		44,553	50,000		52,020								

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0486	2019 CHEVROLET BOLT EV	PARKING	38,460		50,839	50,000				54,122						
0487	2018 FORD FOCUS EV HATCH	PARK SERV	12,605		36,961	50,000			53,060							
0488	2018 FORD FOCUS EV HATCH	PW WWPCP	17,952		39,178	50,000			53,060							
0489	2018 FORD FOCUS EV HATCH	TRAF STUD	6,990		45,741	50,000			53,060							
0490	2019 CHEVROLET BOLT EV	PW CONTRAC	8,351		48,648	50,000				54,122						
3039	2018 FORD FOCUS EV HATCH	FIRE	5,554		39,034	50,000			53,060							
Class 165 - GAS / ELECTRIC HYBRIDS (Life Cycle 6 - 8 Years)																
0499	2021 CHRYSLER PACIFICA PLUG-IN HYBRID	BUILDING	12,776		49,514	63,000						70,948				
0500	2021 CHRYSLER PACIFICA PLUG-IN HYBRID	BUILDING	9,705		49,533	63,000						70,948				
0501	2021 CHRYSLER PACIFICA PLUG-IN HYBRID	BUILDING	15,175		51,760	63,000						70,948				
0502	2021 CHRYSLER PACIFICA PLUG-IN HYBRID	BUILDING	12,284		49,541	63,000						70,948				
0503	2021 CHRYSLER PACIFICA PLUG-IN HYBRID	BUILDING	7,553		49,781	63,000						70,948				
0504	2021 CHRYSLER PACIFICA PLUG-IN HYBRID	BUILDING	8,824		49,022	63,000						70,948				
0506	2016 FORD C-MAX HYBRID SE	MAILROOM	85,219		25,498	50,000	51,000									60,950
0507	2017 FORD C-MAX ENERGI PLUG-IN HYBRID	INFO TECH	23,473		28,715	50,000	51,000									60,950
Class 200 - SMALL PICKUPS (Life Cycle 7 - 9 Years)																
0604	2022 CHEVROLET COLORADO EXT CAB PICKUP	PARKS	14,894		29,528	0								35,289		
0606	2011 FORD RANGER PICKUP EXTENDED CAB 6'	PW SURVEY	77,469		19,094	32,000							36,758			
Class 210 - LARGE PICKUPS (Life Cycle 7 - 9 Years)																
0610	2021 CHEVROLET SILVERADO 2500 CREWCAB	PARKS	22,986		42,011	72,000							82,705			
0611	2021 CHEVROLET SILVERADO 2500 CREWCAB	PARKS	48,268		42,814	72,000							82,705			
0612	2018 CHEVROLET SILVERADO 1500 PICKUP	FORESTRY	85,733		27,877	57,000		59,303								
0613	2013 CHEVROLET SILVERADO1500 EXT CAB	PW ELECTR	62,147		24,217	57,000									68,120	
0615	2013 CHEVROLET SILVERADO 1500 PICKUP	PW SURVEY	107,668		23,928	57,000							65,475			
0627	2022 CHEVROLET SILVERADO 1500 EXT CAB	FAC ADMIN	3,265		39,396	57,000									68,120	
0629	2022 CHEVROLET SILVERADO 1500 EXT CAB	PW ROW MAI	6,445		42,503	57,000									68,120	
0638	2019 CHEVROLET SILVERADO 1500 PICKUP	PARKS	86,596		31,534	57,000						64,191				
0639	2019 CHEVROLET SILVERADO 1500 PICKUP	PW SEWER	85,284		31,826	57,000						64,191				
0640	2019 CHEVROLET SILVERADO 1500 PICKUP	PW ROW MAI	72,414		32,304	57,000						64,191				
0641	2019 CHEVROLET SILVERADO 1500 PICKUP	PW CONTRAC	46,566		31,692	57,000						64,191				
0642	2019 CHEVROLET SILVERADO 1500 PICKUP	PARKS DD	111,726		30,552	57,000						64,191				
0643	2019 CHEVROLET SILVERADO 1500 PICKUP	PW SEWER	75,038		32,067	57,000						64,191				
0644	2019 CHEVROLET SILVERADO 1500 PICKUP	PW PUMP ST	60,817		29,970	57,000						64,191				
0647	2019 CHEVROLET SILVERADO 1500 PICKUP	SIGNALS	19,254		31,715	57,000						64,191				
0649	2016 FORD F250 XL REG CAB 4X4 PICKUP	PW ENVTAL	97,015		37,082	66,000									78,876	

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0650	2016 FORD F250 XL REG CAB 4X4 PICKUP	PW ENVTAL	159,304		37,082	66,000									78,876	
0651	2017 CHEVROLET SILVERADO WT 2500 PICKUP	PARKS	93,184		34,185	72,000	73,440									87,768
0652	2017 CHEVROLET SILVERADO WT 2500 PICKUP	PARKS	72,064		34,185	72,000		74,909								
0653	2017 CHEVROLET SILVERADO WT 2500 PICKUP	PARKS	83,278		34,185	72,000		74,909								
0678	2020 CHEVROLET SILVERADO 1500 PICKUP	PW SEWER	49,480		29,541	57,000						64,191				
0679	2020 CHEVROLET SILVERADO 1500 PICKUP	PW ROW MAI	54,888		29,804	57,000						64,191				
0680	2019 FORD F250 CREWCAB PICKUP 6` 6" BOX	PARKS	64,007		37,800	72,000					79,494					
0681	2019 FORD F250 CREWCAB PICKUP 6` BOX	PARKS	91,618		37,800	72,000					79,494					
0682	2019 FORD F250 CREWCAB PICKUP 6` BOX	PARKS	101,062		37,800	72,000					79,494					
0683	2020 CHEVROLET SILVERADO 1500 PICKUP	PW ENFORCE	35,398		30,784	57,000						64,191				
0684	2020 CHEVROLET SILVERADO 1500 PICKUP	PW ENFORCE	52,953		30,360	57,000						64,191				
0685	2020 CHEVROLET SILVERADO 1500 PICKUP	PW SURVEY	14,513		29,119	57,000						64,191				
0700	2021 CHEVROLET SLVERADO 1500 EXT CAB	HORTICULT	18,301		31,010	57,000							65,475			
0701	2021 CHEVROLET SLVERADO 1500 EXT CAB	PARKS	120,093		35,564	57,000							65,475			
0702	2021 CHEVROLET SILVERADO 1500 EXT CAB	PARKS	27,500		31,653	57,000							65,475			
0714	2015 CHEVROLET SILVERADO 1500 PICKUP	PW ENFORCE	83,034		24,846	57,000									68,120	
0715	2015 CHEVROLET SILVERADO 1500 PICKUP	PW SURVEY	82,513		24,846	57,000									68,120	
0716	2015 CHEVROLET SILVERADO 1500 PICKUP	PW SURVEY	52,942		24,846	57,000	58,140									69,483
0717	2015 CHEVROLET SILVERADO 1500 PICKUP	PARKS	102,381		24,846	57,000								66,785		
0718	2015 CHEVROLET SILVERADO 1500 PICKUP	PARKS	150,352		24,846	57,000								66,785		
Class 220 - REGULAR PICKUPS (Life Cycle 7 - 9 Years)																
0632	2022 FORD F150 REG CAB 8` BOX	PW SURVEY	497		44,115	52,000								60,926		
0654	2017 FORD F150 EXT CAB PICKUP	PW PUMP ST	127,069		29,517	57,000	58,140									69,483
0655	2017 FORD F150 EXT CAB PICKUP	PW PUMP ST	99,742		29,517	57,000			60,489							
0656	2017 FORD F150 EXT CAB PICKUP	PW ROW MAI	40,296		29,517	57,000			60,489							
0657	2017 FORD F150 EXT CAB PICKUP	FORESTRY	84,943		29,517	57,000			60,489							
0658	2018 CHEVROLET SILVERADO 1500 EXT CAB PU	PW CONTRAC	64,564		31,597	57,000				61,699						
0659	2018 CHEVROLET SILVERADO 1500 REG CAB PU	SIGNALS	42,339		32,374	57,000				61,699						
0660	2018 FORD F150 PICKUP	FAC MGT	15,022		31,772	52,000				56,286						
0670	2019 FORD F150 PICKUP	PW ENVTAL	68,166		38,425	52,000					57,412					
0671	2019 FORD F150 PICKUP	PW ENVTAL	87,015		38,987	52,000					57,412					
0672	2019 FORD F150 PICKUP	PW ENVTAL	151,609		36,129	52,000			55,183							
0673	2019 FORD F150 PICKUP	HORTICULT	36,453		31,733	52,000						58,560				
0674	2019 FORD F150 PICKUP	FAC ADMIN	32,150		31,497	52,000						58,560				
0675	2019 FORD F150 PICKUP	PW SURVEY	11,903		31,168	52,000						58,560				

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0676	2019 FORD F150 PICKUP	PW SURVEY	47,422		31,524	52,000					57,412					
0677	2019 FORD F150 PICKUP	PW ROW MAI	74,105		34,458	52,000					57,412					
0686	2019 GMC SIERRA STD CAB 1500 PICKUP	PW ENVTAL	34,963		41,626	52,000						58,560				
0719	2016 FORD F150 PICKUP REG CAB 8' BOX	PARKS	87,387		32,081	52,000									62,145	
0720	2016 FORD F150 PICKUP REG CAB 8' BOX	PARKS	56,899		32,081	52,000									62,145	
0721	2016 FORD F150 PICKUP REG CAB 8' BOX	PW WWPCP	45,600		32,081	52,000									62,145	
0722	2016 FORD F150 PICKUP REG CAB 8' BOX	SIGNSMARKS	69,053		32,081	52,000									62,145	
0723	2016 FORD F150 PICKUP REG CAB 8' BOX	FAC ADMIN	34,080		32,081	52,000									62,145	
0725	2017 GMC SIERRA 1500 REGULAR CAB PICKUP	SIGNSMARKS	70,177		34,806	52,000			55,183							
0727	2022 FORD F150 REGULAR CAB PICKUP	PW ENVTAL	6,004		45,514	52,000									60,926	
0728	2022 FORD F150 REGULAR CAB PICKUP	PW ENVTAL	12,293		40,863	52,000									60,926	
Class 230 - SERVICE BODY UTILITY (Life Cycle 9 - 11 Years)																
0745	2021 FORD F350 UTILITY SERVICE BODY	SIGNSMARKS	28,134		90,373	110,000									131,460	
0746	2021 FORD F350 UTILITY SERVICE BODY	SIGNSMARKS	20,451		91,351	110,000									131,460	
0747	2021 FORD F350 UTILITY SERVICE BODY	SIGNSMARKS	31,258		91,960	110,000									131,460	
0748	2021 FORD F350 UTILITY SERVICE BODY	SIGNSMARKS	21,642		90,139	110,000									131,460	
0750	2012 GMC SAVANA CUTAWAY STAHL HI-ROOF	PW ELECTR	91,827		54,847	75,000										
0751	2012 GMC SAVANA CUTAWAY STAHL HI-ROOF	PW ELECTR	86,326		54,847	75,000										
0752	2013 FORD F350 SUPER DUTY SERVICE TRUCK	PARKS	168,798		51,802	60,000										73,140
0753	2014 FORD F350 SUPER DUTY DUMP TRUCK	PARKS	113,105		62,023	100,000										
0754	2014 FORD F350 SUPER DUTY DUMP TRUCK	FAC MGT	47,916		46,713	60,000										
0763	2022 FORD F350 FLEET SERVICE BODY	PW EQUIP	1,838		132,670	140,000										170,659
0768	2024 GMC SIERRA 4X4 REG CAB PICKUP	PW LRPCP	64		67,172	72,000										Year 2034
0772	2023 FORD F250 XL 4X4 PICKUP	PW WWPCP	40		66,414	72,000										Year 2034
0773	2023 FORD F250 XL 4X4 PICKUP	PARK SERV	46		66,414	72,000										Year 2034
0782	2015 FORD F350 4X4 PICKUP SRW	PARKS	57,417		37,041	80,000			84,897							
0783	2018 CHEVROLET SILVERADO 3500 PICKUP	PARKS	39,151		46,882	80,000						90,093				
0784	2022 CHEVROLET SILVERADO 3500 HD PICKUP	PARKS	4,540		64,298	80,000										97,520
0785	2022 CHEVROLET SILVERADO 3500 HD PICKUP	PARKS	4,090		64,547	80,000										97,520
3017	2012 CHEVROLET SILVERADO 3500 PICKUP	FIRE	67,833		30,124	90,000	91,800									
3018	2012 CHEVROLET SILVERADO 3500 PICKUP	FIRE	36,861		29,860	90,000	91,800									
Class 246 - CREW CABS UTILITY (Life Cycle 9 - 11 Years)																
0794	2022 CHEVROLET SILVERADO 3500 CREWCAB	HORTICULT	6,596		79,705	105,000										127,994
0795	2022 CHEVROLET SILVERADO 3500 CREWCAB	HORTICULT	6,394		79,623	105,000										127,994
0798	2013 GMC SIERRA 3500 HD CREWCAB	PARKS	148,200		46,688	105,000										127,994

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0799	2016 FORD F350 XL CREWCAB FLATBED	PARKS	121,510		57,032	105,000				113,655						
0800	2016 FORD F350 XL CREWCAB FLATBED	PARKS	47,948		53,057	105,000				113,655						
0801	2019 FORD F350 FLAT BED	HORTICULT	37,099		41,746	105,000							120,612			
0807	2023 CHEVROLET SILVERADO 3500 CREWCAB	HORTICULT	2,669		84,414	105,000										Year 2034
0808	2022 CHEVROLET SILVERADO 3500 CREWCAB	PARKS	7,348		82,047	105,000										127,994
0809	2022 CHEVROLET SILVERADO 3500 CREWCAB	PARKS	4,456		81,407	105,000										127,994
Class 305 - 10000 GVW TRUCKS (Life Cycle 9 - 11 Years)																
0853	2015 FORD F350 B DUMP TRUCK	PW SEWER	174,230		42,280	95,000										115,804
0859	2013 GMC SIERRA 3500 HD CREWCAB	SOLD	146,283		49,175	95,000										115,804
0860	2021 CHEVROLET SILVERADO 3500 TRUCK	PW ROW MAI	35,205		57,995	95,000									113,534	
0861	2021 CHEVROLET SILVERADO 3500 TRUCK	PW ROW MAI	45,605		57,229	95,000									113,534	
0862	2021 CHEVROLET SILVERADO 3500 TRUCK	PW ROW MAI	25,234		58,482	95,000									113,534	
0863	2022 CHEVROLET SILVERADO 3500 TRUCK	PW ROW MAI	17,512		71,251	95,000										115,804
0868	2018 FORD F350 B DUMP TRUCK	PW ROW MAI	97,670		54,463	95,000					106,985					
0869	2018 FORD F350 B DUMP TRUCK	PW ROW MAI	81,126		54,463	95,000					106,985					
0870	2018 FORD F350 B DUMP TRUCK	PW SEWER	93,313		40,870	95,000					106,985					
0876	2021 CHEVROLET SILVERADO 3500 TRUCK	PARKS	14,565		64,514	95,000									113,534	
0877	2021 CHEVROLET SILVERADO 3500 TRUCK	PARKS	16,694		56,465	95,000									113,534	
Class 325 - 14000 TO 20000 GVW TRUCKS (Life Cycle 9 - 11 Years)																
0928	2022 FORD F550 XL 4X4 DUMP TRUCK	PW ROW MAI	4,953	148	120,098	150,000										Year 2034
0929	2020 FORD F550 4X4 SERVICE CRANE TRUCK	PW PUMP ST	2,496		173,556	175,000									209,141	
0930	2016 FORD F550 XL 4X4 DUMP TRUCK	PW WINTERC	90,797	4,816	78,000	150,000	153,000									
0931	2016 FORD F550 XL 4X4 DUMP TRUCK	PW WINTERC	85,938	4,936	78,000	150,000	153,000									
0941	2013 FORD F550 FLAT BED B TRUCK	PARKS	172,220	9,964	68,814	150,000										182,849
Class 330 - 22000 TO 28000 GVW TRUCKS (Life Cycle 10 - 12 Years)																
0946	2008 STERLING ACTERRA CHIPPER TRUCK	FORESTRY	87,660	8,645	80,917	180,000										
0947	2016 FREIGHTLINER M2-106 B TRUCK	PW WINTERC	79,565	3,812	138,133	180,000				194,838						
0948	2016 FREIGHTLINER FL-80-106 B TRUCK	PW WINTERC	82,307	3,741	138,133	180,000				194,838						
0949	2021 FREIGHTLINER CDE ROLL-OFF TRUCK	PW ENV TAL	71,865	2,340	149,112	180,000										219,419
Class 360 - 33000 TO 35000 GVW TRUCKS (Life Cycle 10 - 12 Years)																
0971	2010 NAVISTAR 7400 SFA DUMP SALTER PLOW	PW WINTERC	103,042	6,076	107,041	225,000										
Class 365 - 50000-60000 GVW TRUCKS (Life Cycle 10 - 12 Years)																
1001	2021 FREIGHTLINER VIKING TANDEM TRUCK	PW WINTERC	18,641	1,028	212,326	0									264,001	
1002	2021 FREIGHTLINER VIKING TANDEM TRUCK	PW WINTERC	17,569	955	213,220	0									265,113	
1003	2021 FREIGHTLINER VIKING TANDEM TRUCK	PW WINTERC	14,960	658	210,111	0									261,247	

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>Mileage</u>	<u>Hours</u>	<u>Total Cost</u>	<u>Adj. Cost</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>	<u>2031</u>	<u>2032</u>	<u>2033</u>
1004	2021 FREIGHTLINER VIKING DUMP TRUCK	PARKS	11,613	662	209,542	0										260,540
Class 405 - 14 CU YD PACKERS (Life Cycle 8 - 10 Years)																
1012	2015 FORD F550 14 CU YD PACKER	PARKS	152,536		111,642	270,000										329,128
1016	2019 FORD F550 14 CU YD PACKER	PW ENVTAL	82,566		192,490	220,000						247,756				
Class 435 - REAR LOADING PACKERS (Life Cycle 8 - 10 Years)																
1058	2019 FREIGHTLINER M2106 PACKER	PW ENVTAL	80,000	6,198	251,413	320,000						360,372				
1059	2007 FREIGHTLINER M2 TANDEM PACKER	PW ENVTAL	191,197	16,317	142,114	320,000								374,931		
Class 440 - PACKER FRONT END LOADER (Life Cycle 8 - 10 Years)																
1075	2020 MACK TE64 LABRIE WITTKER 40 CU YD	PW ENVTAL	106,478	4,459	366,364	440,000									505,422	
1078	2016 MACK MRU613 FEL WITTKER BODY	PW ENVTAL	204,784	5,981	291,798	440,000			466,932							
Class 450 - 17 CU YARD SIDE LOADING PACKER (Life Cycle 8 - 10 Years)																
1084	2015 FREIGHTLINER M2106 ONE-MAN PACKER	PARKS	100,320	8,470	214,538	270,000										329,128
1099	2007 FREIGHTLINER M2 17 CU YD PACKER	PW ENVTAL	243,819	18,305	198,468	400,000							459,474			
Class 506 - AERIAL TRUCK 22000 GVW (Life Cycle 10 - 12 Years)																
1227	2005 FORD F550XL SUPER DUTY TRUCK	SIGNSMARKS	82,630	3,084	113,676	175,000				185,711						
1228	2007 STERLING ACTERRA AERIAL TRUCK	SIGNALS	99,446	7,661	170,921	410,000	418,200									
1229	2020 FREIGHTLINER M2 AERIAL TRUCK	SIGNALS	30,290	1,998	251,612	410,000									489,988	
1230	2020 FREIGHTLINER M2 AERIAL TRUCK	SIGNALS	41,122	2,540	251,815	410,000									489,988	
Class 511 - AERIAL TRUCKS 33000 GVW (Life Cycle 10 - 12 Years)																
1245	2023 FREIGHTLINER ALTEC AERIAL TRUCK	FORESTRY	2,452	119	317,800	420,000										Year 2035
1246	2023 FREIGHTLINER ALTEC AERIAL TRUCK	FORESTRY	2,075	91	317,800	420,000										Year 2035
Class 520 - 6 CU YD VACUUM STREET SWEEPER (Life Cycle 10 - 12 Years)																
1267	2016 RAVO 5 SERIES STREET SWEEPER	PW ENVTAL	69,395	8,354	270,377	400,000					432,973					
1268	2016 RAVO 5 SERIES STREET SWEEPER	PW ENVTAL	75,497	9,219	270,377	400,000					432,973					
1269	2017 RAVO 5 SERIES STREET SWEEPER	PW ENVTAL	49,413	6,207	283,333	400,000						441,632				
Class 525 - 8 CU YD VACUUM STREET SWEEPER (Life Cycle 10 - 12 Years)																
1300	2021 FREIGHTLINER ELGIN SWEEPER	PW ENVTAL	25,871	2,817	381,223	375,000										457,123
Class 529 - TRUCK WATER TANK (Life Cycle 20 Years)																
1311	2008 STERLING ACTERRA WATER TRUCK	HORTICULT	36,219	4,687	84,858	185,000							212,507			
Class 531 - SEWER VACTOR (Life Cycle 10 - 12 Years)																
1319	2011 INTERNATIONAL WORK STAR VACTOR	PW SEWER	163,378	12,479	367,689	750,000	765,000									
1321	2015 FREIGHTLINER 2100 VACTOR TRUCK	PW SEWER	105,204	6,920	378,080	750,000					811,824					
Class 535 - DUMP/CRANE TRUCKS (Life Cycle 10 - 12 Years)																
1327	2015 FREIGHTLINER M-2 CRANE/DUMP	FORESTRY	112,687	10,366	143,073	240,000					264,979					
Class 537 - LINE PAINTING TRUCK (Life Cycle 20 Years)																

Unit	Description	Department	Mileage	Hours	Total Cost	Adj. Cost	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
1331	2002 GMC T8500 LINETECH TM52275AA	SIGNSMARKS	106,074	9,865	436,482	900,000			900,000							
Class 603 - SEWER RODDERS - TRUCK MOUNTED (Life Cycle 12 - 15 Years)																
1360	1999 FORD F450 XL TRUCK	PW SEWER	411,024	507	139,006	250,000										
Class 608 - SEWER BUCKET MACHINES (Life Cycle 20 Years)																
1369	1985 SRECO PULLBACK SEWER BUCKET	PW SEWER		2,183	21,583	90,000										
1370	1985 SRECO LOADER	PW SEWER		2,668	21,484	112,000										
Class 640 - BRUSH CHIPPER (Life Cycle 10 - 15 Years)																
1433	2013 VERMEER BC 1800XL WOOD CHIPPER	FORESTRY		2,612	73,590	195,000			206,936							
1438	2021 VERMEER BC 1800XL BRUSH CHIPPER	FORESTRY		764	92,038	195,000										Year 2036
1439	2013 VERMEER BC1500 WOOD CHIPPER	FORESTRY		2,094	49,594	160,000										
1440	2023 VERMEER BC1200XL BRUSH CHIPPER	FORESTRY		24	128,787	135,000										Year 2038
Class 645 - GAS GOLF CARTS (Life Cycle 8 - 10 Years)																
1460	2017 CUSHMAN HAULER 1200 GOLF CART	PW WWPCP		167	19,334	30,000				32,473						
1461	2017 CUSHMAN HAULER 1200 GOLF CART	PW WWPCP		459	19,334	30,000				32,473						
Class 650 - MISCELLANEOUS TRAILERS (Life Cycle 12 - 15 Years)																
1473	2021 WEBERLANE ESTATE DELUXE TRAILER	SIGNSMARKS			10,293	12,000										Year 2035
1474	2021 WEBERLANE ESTATE DELUXE TRAILER	SIGNSMARKS			10,562	12,000										Year 2035
1475	2021 WEBERLANE ESTATE DELUXE TRAILER	SIGNSMARKS			11,180	12,000										Year 2035
1476	2021 WEBERLANE ESTATE DELUXE TRAILER	SIGNSMARKS			12,605	12,000										Year 2035
1480	2019 PJ TRAILERS TJ202 CAR HAULER TILT	PARKS			14,381	20,000										Year 2034
1487	2001 ROBCOL EXPC/5T TRAILER	SIGNALS			16,157	65,000	66,300									
1488	2001 ROBCOL EXPC/5T TRAILER	SIGNALS			16,157	19,874			21,090							
1490	2020 PJ TRAILERS GOOSENECK TRAILER	PARKS			32,684	40,000										Year 2035
Class 660 - 2 - 6 CU YD SALT SPREADERS (Life Cycle 9 - 11 Years)																
0649S	2015 WESTERN 7800 7' 1.5 CU YD SALTER	PW ENV TAL			5,798	12,000	12,240									
0770S	2011 WESTERN 7800 7' 2.5 CU YD SALTER	PW WWPCP			4,075	12,000										14,628
0777S	2011 SNO-WAY 1.5 CU YD SALTER	PARK SERV			5,145	12,000										14,628
0782S	2015 SALTDogg 2.0 CU YD SALTER	PARKS			8,535	12,000	12,240									
0783S	2018 WESTERN ELECTRIC 2.0 CU YD SALTER	PARKS			6,299	12,000					13,514					
0784S	2021 WESTERN ELECTRIC SALTER	PARKS			8,103	12,000										14,628
0785S	2021 WESTERN ELECTRIC SALTER	PARKS			8,073	12,000										14,628
0877S	2021 WESTERN ELECTRIC SALTER	PARKS			11,437	12,000								14,060		
0930S	2014 FISHER PRO-CASTER SALTER	PW WINTERC			17,272	20,000	20,400									
0931S	2021 WESTERN 3.0 CU YD SALTER	PW WINTERC			15,647	20,000										24,380
0947S	2020 FISHER 4.5 CU YD HYDRAULIC SALTER	PW WINTERC			15,645	20,000								23,433		

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>Mileage</u>	<u>Hours</u>	<u>Total Cost</u>	<u>Adj. Cost</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>	<u>2031</u>	<u>2032</u>	<u>2033</u>
0948S	2020 FISHER 4.5 CU YD HYDRAULIC SALTER	PW WINTERC			14,535	20,000								23,433		
Class 664 - 7 - 10 CU YD SALT SPREADERS (Life Cycle 9 - 11 Years)																
0971S	2006 SCHMIDT STRATOS 4 CU YD SALTER	PW WINTERC			46,980	85,000										103,615
1001S	2021 SCHMIDT STRATOS 3 SPREADER	PW WINTERC			85,344	85,000								101,583		
1002S	2021 SCHMIDT STRATOS 3 SPREADER	PW WINTERC			86,135	85,000								101,583		
1003S	2013 SCHMIDT STRATOS B70-42 SALTER COMBI	PW WINTERC			69,600	85,000	85,000									103,615
Class 665 - LARGE SNOW PLOWS (Life Cycle 9 - 11 Years)																
0971P	2011 VIKING CHIVES MONASHEE LARGE PLOW	PW WINTERC			58,222	60,000										73,140
1001P	2021 VIKING-CIVES HEAVY DITY FRONT PLOW	PW WINTERC			26,315	20,000								23,902		
1002P	2021 VIKING-CIVES HEAVY DUTY FRONT PLOW	PW WINTERC			10,864	20,000								23,902		
1003P	2021 VIKING-CIVES FRONT PLOW RUBBERBLADE	PW WINTERC			15,617	20,000								23,902		
1004P	2021 VIKING-CIVES REVERSIBLE FRONT PLOW	PARKS			10,386	20,000								23,902		
Class 667 - SMALL SNOW PLOWS (Life Cycle 9 - 11 Years)																
0649P	2015 WESTERN 7'6" SNOW PLOW	PW ENVTAL			6,998	13,000										
0770P	2011 PRO PLOW 7.5 STEEL SNOW PLOW	PW WWPCP			6,029	13,000										15,847
0771P	2012 FISHER V SNOW PLOW	PW LRPCP			4,592	13,000										
0777P	2011 WESTERN SMALL PLOW 7.5 PRO STEEL	PARK SERV			5,879	13,000										15,847
0782P	2017 WESTERN 8' PRO PLOW	PARKS			7,976	13,000	13,260									
0783P	2018 WESTERN 8' PRO PLOW	PARKS			8,141	13,000					14,640					
0784P	2021 WESTERN SNOW PLOW	PARKS			10,832	13,000										15,847
0785P	2021 WESTERN SNOW PLOW	PARKS			10,634	13,000										15,847
0877P	2021 WESTERN 8' PROFLOW	PARKS			13,035	13,000								15,232		
0930P	2022 WESTERN SMALL PLOW 9' PROPLUS	PW WINTERC			9,536	15,000										18,285
0931P	2015 WESTERN PRO PLUS 9' PLOW	PW WINTERC			10,383	15,000	15,300									
0947P	2016 VIKING-CIVES 9' TRIP EDGE SNOW PLOW	PW WINTERC			19,971	20,000				21,649						
0948P	2016 VIKING-CIVES 9' TRIP EDGE SNOW PLOW	PW WINTERC			19,971	20,000				21,649						
Class 669 - WING PLOWS (Life Cycle 9 - 11 Years)																
1001W	2021 VIKING-CIVES HEAVY DUTY WING PLOW	PW WINTERC			13,191	9,000										10,756
1002W	2008 VIKING-CIVES HEAVY DUTY WING PLOW	PW WINTERC			0	9,000										10,756
1003W	2008 VIKING-CIVES HEAVY DUTY WING PLOW	PW WINTERC			0	9,000										10,756
Class 680 - CRASH ATTENUATORS (Life Cycle 15 - 20 Years)																
1581	2019 VORTEQ CRASH ATTENUATOR	POOL			24,804	25,500								29,877		
Class 700 - FORK LIFTS (Life Cycle 20 Years)																
1603	2013 HYUNDAI 25L-7A FORKLIFT	SIGNSMARKS		614	25,131	30,665										37,380
1615	2023 BRODERSON CARRY DECK CRANE	PW WWPCP			227,500	240,000										Year 2043

Unit	Description	Department	Mileage	Hours	Total Cost	Adj. Cost	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	
Class 710 - SNOWBLOWER DIESEL (Life Cycle 20 Years)																	
1620	1978 VOHL SNOW BLOWER	PW WINTERC		1,830	76,072	230,000											
Class 735 - LAWN TRACTORS/RIDING MOWERS (Life Cycle 15 Years)																	
1672	2013 FRONT MOWER F3080 MOWER/BLOWER	PW LRPCP			26,889	31,217					34,466						
1673	2011 JOHN DEERE 1445 LAWN MOWER	PW WWPCP		513	33,917	39,377			41,787								
Class 740 - FEL LOADER / BACKHOE (Life Cycle 15 Years)																	
1682	2022 CATERPILLAR 926M 4 WHEEL LOADER	PARKS		673	221,442	230,000										Year 2037	
1684	2016 CATERPILLAR 926M 4 WHEEL LOADER	PW WINTERC		5,439	177,606	230,000							264,198				
Total Number of Active Units:		312					Subtotal:	2,515,660	864,572	3,078,926	3,923,817	1,324,032	3,339,072	2,214,666	2,008,949	4,877,586	4,164,896
Total Number of Units to be Replaced:		312					Unrecoverable HST:	44,276	15,216	54,189	69,059	23,303	58,768	38,978	35,358	85,846	73,302
							Total Estimated Cost:	2,559,936	879,789	3,133,115	3,992,876	1,347,335	3,397,839	2,253,644	2,044,307	4,963,432	4,238,198
							Emergency Replacement Contingency:	200,000	200,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000
							Budget Submission:	2,759,936	1,079,789	3,283,115	4,142,876	1,497,335	3,547,839	2,403,644	2,194,307	5,113,432	4,388,198

Notes:

- Total and adjusted costs include purchase price plus capitalization.
- Estimated replacement costs represent the adjusted cost plus an annual inflation factor from the current date. If no adjusted cost is identified, the total cost plus an annual inflation factor from the date of purchase is used. Replacement costs have been adjusted for current market pricing. The inflation factor is currently set to **2.00%**.
- Fire and Rescue Services has a separate fleet replacement schedule. The replacement of Fire's small fleet is based on Public Works methodology.
- 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-022-07	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Fleet
Title	Purchase of Fleet Additions and Upgrades		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Transportation		
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 10-year plan, fleet requests are provided on an annual basis, therefore, submissions will be made each year based on user requirements.

Version Description
Please refer to the attached document outlining the detailed fleet addition and upgrade requests. Should all of the Operating Budget requests for fleet additions and upgrades be approved by Council, additional funding will be required to purchase the additions and upgrades.

Project Comments/Reference	Version Comments
See Document Attached Active: 7211034 7221005 7231024 Closed: 7065024 7096002 7111020 7121008 7131113 7141003 7161035 7151010 7171022 7181017 7191023 7201009	

Project Detailed Forecast												
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total	
Expenses												
5110 Machinery & Equipment - TCA	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000	
Total	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000	
Revenues												
128 Dev Chg - PW/Build/Equip/Fleet	30,000	0	0	0	0	0	0	0	0	0	30,000	
169 Pay As You Go - Capital Reserve	120,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,470,000	
Total	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,500,000	

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		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				
		2018	310,000	310,000	0				
		2019	543,000	543,000	0				
		2020	877,000	877,000	0				
		2021	135,000	45,000	90,000				
		2022	1,006,000	1,006,000	0				
		2023	650,000	650,000	0				
Year Identified	Start Date	Project Type for 2024	Project Lead		Est. Completion Date				
2007	January 1, 2016	Growth: 100.0 % Maintenance: 0.0 %	Angela Marazita / Chad Goebel		Ongoing`				

Referred to the Capital Budget Review Committee via E-mail

August 28, 2023

Fleet Additions & Upgrades Budget Summary

Item	Department/ Division	Fleet Area	Equipment Request	Background Information	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
1	Environmental	Corporate	Addition of 1 Street Sweeper (Class 520)	As per operating budget issue 2024-0103 for the enhancement of street sweeping services, the purchase of an additional street sweeper is required to provide this service.	\$ 538,470									
2	Parks	Parks	Conversion of 1 ice resurfacer to an electric unit	An ice resurfacer is scheduled for replacement in each of the years 2024 through 2026. The incremental cost to purchase an electric ice resurfacer is approximately \$50,000. A review is being completed to identify a plan to transition all ice resurfacers to electric units if deemed feasible at each location. This request is to convert the replacement units to electric units.	\$ 50,000	\$ 50,000	\$ 50,000							
3	Employment & Social Services	Corporate	Addition of 1 Hybrid Pacifica	As per operating budget issue 2024-0182, the Employment and Social Services Department was awarded the contract to become the Service System Manager for Integrated Employment Services in the Windsor-Essex, Chatham-Kent and Sarnia-Lambton catchment area, and are in need of a dedicated vehicle for staff to provide on-site support to the Service Partners throughout the region. Having a dedicated fleet vehicle will save money overall and will streamline processes for travel within the catchment area. The Ministry of Labour, Immigration, Training and Skills Development (MLITSD) will fund 100% of the resulting operating costs.	\$ 63,500									
4	Facility Operations	Corporate	Addition of 1 Pickup (class 220)	As per operating budget issue 2024-0142, Facility Operations is requesting an additional supervisor to address the significant growth within Facilities Division. This is in line with the Facilities Staffing Master Plan (Council Resolution B16/2017.) Currently, two supervisors are managing approx. 1.9 million sq ft across the city. The size of portfolio warrants four supervisors, and consequently service levels to some areas have been negatively impacted. Without these positions, there is a risk of delays in addressing failing systems, potential shutdowns, and deferred maintenance repairs.	\$ 53,000									
4	Various	All	Unforeseen and/or emergency additions.	While capital budget is based on a 8 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	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
Total Fleet Additions/Upgrades					\$ 854,970	\$200,000	\$200,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000
Rounded					\$ 855,000	\$200,000	\$200,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000

Notes:

1. Estimated Purchase Price represents purchase price and capitalization costs.



Project Version Summary

Project #	OPS-027-18	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Fleet
Title	Greening the Fleet		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

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. Furthermore, Council approved the City's Corporate Climate Change Action Plan (CCAP). Targets were established to reduce greenhouse gas emissions to address climate change mitigation.

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.

In 2022, Council approved Windsor's Science Based Targets, which includes a 55% reduction in corporate-wide emissions below the 2005 baseline by 2030.

Version Description

The corporate fleet consists of 1 hybrid, 7 plug-in hybrid, and 7 fully electric vehicles. A fleet electrification transition plan will be completed to guide fleet replacements as well as a facility assessment to support future fleet operations.

Project Comments/Reference

7229000

Version Comments

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5110 Machinery & Equipment - TCA	50,000	50,000	50,000	50,000	50,000	50,000	50,000	250,000	150,000	170,000	920,000
Total	50,000	50,000	50,000	50,000	50,000	50,000	50,000	250,000	150,000	170,000	920,000
Revenues											
169 Pay As You Go - Capital Reserve	50,000	50,000	50,000	50,000	50,000	50,000	50,000	250,000	150,000	170,000	920,000
Total	50,000	50,000	50,000	50,000	50,000	50,000	50,000	250,000	150,000	170,000	920,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2022	50,000	50,000	0				
		2023	50,000	50,000	0				
					Implementation of greener vehicles results in reductions in maintenance and fuel costs				
Year Identified	Start Date	Project Type for 2024	Project Lead		Est. Completion Date				
2018	January 1, 2022	Growth: 100.0 % Maintenance: 0.0 %	Angela Marazita / Chad Goebel		Ongoing`				



Project Version Summary

Project #	OPS-001-13	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	On-Off Street Parking
Title	Parking Equipment Replacement Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Transportation		
Wards	Ward 2, Ward 3, Ward 4		
Version Name	Main (Active)		

Project 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.

This project is funded from the On-Off Street Parking Reserve Fund. The balance in the On-Off Street Parking Reserve Fund as of December 31, 2022 is \$1,957,022. The current 10-year reserve forecast, including the capital funding for this project, projects this reserve will remain sustainable.

Version Description

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 Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5110 Machinery & Equipment - TCA	110,000	112,000	114,000	116,000	118,000	120,000	122,000	124,000	126,480	129,010	1,191,490
Total	110,000	112,000	114,000	116,000	118,000	120,000	122,000	124,000	126,480	129,010	1,191,490
Revenues											
138 Off Street Parking	110,000	112,000	114,000	116,000	118,000	120,000	122,000	124,000	126,480	129,010	1,191,490
Total	110,000	112,000	114,000	116,000	118,000	120,000	122,000	124,000	126,480	129,010	1,191,490

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				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				
		2018	120,000	120,000	0				
		2019	100,000	100,000	0				
		2020	102,000	102,000	0				
		2021	104,000	104,000	0				
		2022	106,000	106,000	0				
		2023	108,000	108,000	0				
Year Identified	Start Date	Project Type for 2024	Project Lead		Est. Completion Date				
2013	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Ian Day		Ongoing`				



Project Version Summary

Project #	OPS-018-07	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	On-Off Street Parking
Title	Parking Garage Capital Rehabilitation Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Transportation		
Wards	Ward 3		
Version Name	Main (Active)		

Project Description

Ongoing municipal parking garages rehabilitation 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 years, therefore ongoing project funding is required. Inspections are done bi-annually at both the Goyeau and Pelissier garages which are used to determine additional work that is required. The membrane work as well as the inspection reports are used to develop yearly maintenance packages.

This project is funded from the On-Off Street Parking Reserve Fund. The balance in the On-Off Street Parking Reserve Fund as of December 31, 2022 is \$1,957,022. The current 10-year reserve forecast, including the capital funding for this project, projects this reserve will remain sustainable.

Version Description

The bi-yearly inspection report shall be completed again in 2024, which will be completed in the spring and will illustrate priorities for 2024/25.

A complete structural inspection of Goyeau Garage was completed in May of 2023 with the final report and end of life analysis due back to City Administration in the last quarter of 2023. Administration will follow up with a report to Council when appropriate.

Project Comments/Reference	Version Comments
7131114 Closed: 7035075 7121002	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	717,000	750,000	750,000	750,000	750,000	600,000	600,000	600,000	600,000	600,000	6,717,000
Total	717,000	750,000	750,000	750,000	750,000	600,000	600,000	600,000	600,000	600,000	6,717,000
Revenues											
138 Off Street Parking	717,000	750,000	750,000	750,000	750,000	600,000	600,000	600,000	600,000	600,000	6,717,000
Total	717,000	750,000	750,000	750,000	750,000	600,000	600,000	600,000	600,000	600,000	6,717,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				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				
		2018	300,000	300,000	0				
		2019	500,000	500,000	0				
		2020	510,000	510,000	0				
		2021	1,040,000	1,040,000	0				
		2022	1,220,400	1,220,400	0				
		2023	717,000	717,000	0				
Year Identified	Start Date	Project Type for 2024	Project Lead		Est. Completion Date				
2007	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Ian Day / Prem Patel		Ongoing`				



Project Version Summary

Project #	OPS-019-07	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	On-Off Street Parking
Title	New Parking Lot Development		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
<p>This allocation provides for property acquisition and development for the expansion of the municipal parking program throughout the city where required.</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>This project is funded from the On-Off Street Parking Reserve Fund. The balance in the On-Off Street Parking Reserve Fund as of December 31, 2022 is \$1,957,022. The current 10-year reserve forecast, including the capital funding for this project, projects this reserve will remain sustainable.</p>

Version Description
Annual funding will accumulate until funds are available to purchase property to construct a lot.

Project Comments/Reference	Version Comments
7219009 Closed: 7059127	

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5210 Land Acquisition		100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
	Total	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
Revenues												
138 Off Street Parking		100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
	Total	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2021	100,000	100,000	0				
		2022	100,000	100,000	0				
		2023	100,000	100,000	0				
					New parking lot developments will require operating budget increases for ongoing repairs and maintenance.				
Year Identified	Start Date	Project Type for 2024	Project Lead		Est. Completion Date				
2007	January 1, 2019	Growth: 100.0 % Maintenance: 0.0 %	Ian Day / Prem Patel		Ongoing`				



Project Version Summary

Project #	OPS-020-07	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	On-Off Street Parking
Title	Parking Lot Rehabilitation Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

This allocation provides for the rehabilitation of municipal parking lots in the City.

An annual expenditure of \$250,000 for rehabilitation work is recommended. Annual funding accumulates annually in preparation for required rehabilitation.

This project is funded from the On-Off Street Parking Reserve Fund. The balance in the On-Off Street Parking Reserve Fund as of December 31, 2022 is \$1,957,022. The current 10-year reserve forecast, including the capital funding for this project, projects this reserve will remain sustainable.

Version Description

A full condition assessment of lots was completed in 2022. The final report indicates that a number of lots are failing and require rehabilitation.

Lot 16 pre-engineering and soil testing was completed in April 2023. Preliminary results indicate contaminated soils to a depth of 750mm will need to be removed and remediated. Upon receipt of the final soil reports from the consultant in 3rd quarter 2023, the project will be forwarded to Public Works Engineering for design, remediation, and final budget estimate for construction.

Project Comments/Reference	Version Comments
7191022 Closed: 7059014 7111032	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	600,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	2,400,000
	Total	600,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	2,400,000
Revenues												
138	Off Street Parking	600,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	2,400,000
	Total	600,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	2,400,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2011	40,000	40,000	0				
		2019	50,000	50,000	0				
		2020	102,000	102,000	0				
		2021	104,000	104,000	0				
		2022	400,000	400,000	0				
		2023	200,000	200,000	0				
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date			
2007	January 1, 2019	Growth: 0.0 % Maintenance: 100.0 %		Ian Day / Prem Patel		Ongoing`			



Project Version Summary

Project #	OPS-004-19	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Technical Support
Title	Infor Hansen Infrastructure Management System		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

Upgrade of the Infor Hansen infrastructure management software system and the implementation of a mobile solution for Hansen.

The Infor Hansen system is used by Public Works and corporately for infrastructure asset management and work order management to track & record infrastructure assets, work order repair histories, inspections, condition ratings, and repairs performed. The system is used to manage the road network assets, sewer & drainage networks, bridges, sidewalks, railway grade crossings, private drain connections, etc. The system is also used by Parks Forestry to manage the tree inventory and related forestry activities.

The proposed upgrade will move the software from Hansen Version 8.2.3 to the latest version. The first priority for the implementation of a mobile solution for Hansen is the sidewalk inspection program. Mobility could then be expanded to other field inspection programs and field work in the future. An upgrade to the base system software is required for the implementation of a mobile solution for Hansen.

This project will also fund future upgrades and system costs once the current upgrade is complete and mobile solution implemented. The next upgrade would be planned for 2026 to 2027, and every 5 years thereafter.

Version Description

The last software upgrade was completed in 2012 (Hansen 7 to Hansen 8.2.3 web-based). Upgrades are recommended as a component of regular software system maintenance to leverage new features, enhancements, and development in the software and to maintain system compatibility with other systems that it must communicate with in order to function. An upgrade to the latest version of Hansen is recommended at this time and needed to implement mobile technologies and other features.

The project includes the implementation of a mobile solution to improve data availability and operational efficiency in-the-field by:

- reducing the number of hard copy forms,
- eliminating data entry backlogs,
- expediting the release of inspection results and issuance of work orders,
- enabling real-time data capture during data collection, inspections, and repairs
- querying capabilities of asset information, work orders, & inspections in the field

The first priority for the mobility implementation is the sidewalk inspection program.

The preliminary project estimate includes software licensing, software support costs, hardware & devices, professional services (upgrade & mobility), internal resources, and fees. The preliminary cost breakdown is \$115k for the Upgrade (Phase 1- 2019 to 2020) and \$160,000 for Mobility (Phase 2 – 2020 to 2021).

The preliminary cost estimate is \$275,000. A placeholder of \$50,000 in funding is currently available in the Asset Planning Service Design and Implementation Project (Project 7131117) pending approval by the Asset Planning Steering Committee. The approval of the Asset Planning Steering Committee is contingent on the approval of the balance of project funding in principle by Council. This capital budget submission requests the remaining \$225,000 needed to fully fund this project.

Once the current upgrade and mobility is complete, this project will also fund future upgrades and system costs. A placeholder amount of \$130,000 is included for this purpose in future years. The next scheduled upgrade would be planned for the 2026 to 2027 timeframe.

Project Comments/Reference

7209001

Version Comments

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5126 Computer Software	0	0	65,000	65,000	0	0	0	45,000	30,000	128,000	333,000
Total	0	0	65,000	65,000	0	0	0	45,000	30,000	128,000	333,000
Revenues											
028 Sewer Surcharge	0	0	0	0	0	0	0	0	0	0	0
153 Sewer Surcharge	0	0	22,750	22,750	0	0	0	15,750	0	58,000	119,250
169 Pay As You Go - Capital Reserve	0	0	42,250	42,250	0	0	0	29,250	30,000	70,000	213,750
176 Canada Community-Building Fund	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	65,000	65,000	0	0	0	45,000	30,000	128,000	333,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2020	135,000	135,000	0				
		2021	90,000	90,000	0				
					Implementation of new technology results in ongoing software maintenance and support costs				
Year Identified	Start Date	Project Type for 2024		Project Lead		Est. Completion Date			
2019	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Eric Bailey		Ongoing`			



Project Version Summary

Project #	ECP-001-07	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Traffic Operations & Parking
Title	Citywide Streetlight Rehabilitation & Relocations Including E.C. Row Expressway		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project 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

This program relates to collector and arterial roads which do not currently meet City policies related to the provision of street lights.

To assist with installation of lighting in alleyways as per S129/2018, "Alley Lighting and Related Measures Policy".

This program is required to replace wiring, inspect and repair pole bases, rehabilitate control boxes and replace poles as required due to the age of the existing street lighting infrastructure including infrastructure on E.C. Row Expressway.

Version Description

2024 - 2033: Street light relocations, upgrades to street light poles and wiring citywide including E.C. Row Expressway

- Citywide street light relocation due to Enwin capital hydro project repairs and maintenance to street light poles and wiring.
- Immediate pole replacement for one or two poles in an area that are degrading
- Wiring upgrades to areas without conduit and experiencing voltage/current issues.
- Replace older/degrading underground conduit.
- Labour costs for premature failure of decorative poles (warranty includes material only).
- Replace degrading power supplies
- Repair receptacles and pedestrian lighting in BIA areas.

Project Comments/Reference

7035011
Closed: 7093003 7209010

Version Comments

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	943,615	1,266,280	1,360,000	1,360,000	1,357,460	1,010,800	1,298,940	870,000	1,120,000	1,000,000	11,587,095
Total		943,615	1,266,280	1,360,000	1,360,000	1,357,460	1,010,800	1,298,940	870,000	1,120,000	1,000,000	11,587,095
Revenues												
169	Pay As You Go - Capital Reserve	50,000	50,000	0	0	0	0	0	0	250,000	0	350,000
221	Service Sustainability Investm	893,615	1,216,280	1,360,000	1,360,000	1,357,460	1,010,800	1,298,940	870,000	870,000	1,000,000	11,237,095
Total		943,615	1,266,280	1,360,000	1,360,000	1,357,460	1,010,800	1,298,940	870,000	1,120,000	1,000,000	11,587,095
Related Projects		Historical Approved Budget				Operating Budget Impact						
				Revenue				Effective Date	Unknown	Exp/(Rev)		FTE Impact
		Year	Total Expense	Net City Cost	Subsidies			Description		0	0	0
		2007	200,000	200,000	0			Any budget deferral in approved funding will result in an increase in the operating costs for temporary repairs and maintenance.				
		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							
		2018	700,000	700,000	0							
		2019	520,000	520,000	0							
		2020	240,000	240,000	0							
		2021	660,990	660,990	0							
		2022	369,353	369,353	0							
		2023	593,375	593,375	0							
Year Identified	Start Date	Project Type for 2024		Project Lead			Est. Completion Date					
2007	January 1, 2007	Growth: 0.0 % Maintenance: 100.0 %		Ian Day / Prem Patel			Ongoing`					



Project Version Summary

Project #	ENG-003-17	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Traffic Operations & Parking
Title	New Streetlights on Collectors and Arterials		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
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.
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Version Description	
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Project Comments/Reference	Version Comments
7223000	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	100,000	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	900,000
Total	100,000	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	900,000
Revenues											
169 Pay As You Go - Capital Reserve	100,000	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	900,000
Total	100,000	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	900,000

Related Projects	Historical Approved Budget				Operating Budget Impact			
			Revenue		Effective Date Unknown		Exp/(Rev) FTE Impact	
	<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Description		0	0
	2022	100,000	100,000	0	Any budget deferral in approved funding will result in an increase in the operating costs for temporary repairs and maintenance.			
2023	100,000	100,000	0					

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
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2017	January 1, 2022	Growth: 100.0 % Maintenance: 0.0 %	Ian Day / Prem Patel	Ongoing`
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Project Version Summary

Project #	ENG-007-20	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Traffic Operations & Parking
Title	Streetlights on Ottawa Street - Pierre to Howard		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Transportation		
Wards	Ward 4		
Version Name	Main (Active)		

Project Description	To replace the existing decorative street light poles on Ottawa Street from Pierre Avenue to Howard Avenue due to age.
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Version Description	Engineering is complete, project to be tendered 3rd quarter 2023 with construction complete in 2024. Pedestrian lighting shall be included in the replacement program.
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Project Comments/Reference	Version Comments
7203003	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	136,589	0	0	0	0	0	0	0	0	0	136,589
Total	136,589	0	0	0	0	0	0	0	0	0	136,589
Revenues											
221 Service Sustainability Investm	136,589	0	0	0	0	0	0	0	0	0	136,589
Total	136,589	0	0	0	0	0	0	0	0	0	136,589

Related Projects	Historical Approved Budget				Operating Budget Impact		
			Revenue		Effective Date Unknown		Exp/(Rev) FTE Impact
	<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Description		0
	2020	50,965	50,965	0	Additional pedestrian lighting will require additional operating funding.		0
	2021	160,990	160,990	0			
	2022	338,703	338,703	0			
2023	462,753	462,753	0				

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
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2020	January 1, 2020	Growth: 0.0 % Maintenance: 100.0 %	Ian Day / Prem Patel	TBD`
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Project Version Summary

Project #	OPS-001-21	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Traffic Operations & Parking
Title	Streetlight Pole Replacement Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

On-going major street light replacement program including pole and wiring replacement, and decorative pole/luminaire replacement. Many areas around the City require large-scale replacements due to age of infrastructure. This project would be used to address these areas on a yearly basis as funding is available. The City owns 16,325 poles and has 24,000 luminaires. Of these, 2,716 are decorative poles and more than 80% of the decorative poles are older non-LED technology. Poles have a life cycle of 20 years which means the City should be replacing 816 poles on a yearly basis in order to replace all poles at or before end of life. City staff are initiating a pole inspection program at a cost of \$150,792 to be split over a 3 year rotational term, therefore, 5,442 poles will be reviewed each year. The cost to run the inspection program will be accommodated in this project. The inspection program will identify upcoming projects for this project.

Version Description

The pole inspection program began in 2021 with 66% of poles inspected in the first year of the program. In 2022, the inspection program completed. In 2023, Traffic is coordinating with Geomatics and Asset Management to prioritize an annual replacement schedule based upon inspection results. Pole inspection will begin on a cyclical 4-year inspection program funded from this project annually going forward.

The cost to replace 680 standard poles each year is ~\$5,500 per pole, and the cost to replace 135 decorative poles each year is ~\$8,500 per pole. This would cost the City ~\$4,887,500 each year. Initially a number of older decorative poles would require an upgraded luminaire which would cost an additional \$5,000 per pole. In order to begin to address the deficiencies, the following projects have already been identified as requiring immediate attention. The inspection will identify new projects each year.

Priority pole replacement projects (includes pole replacements only, no upgrades to wiring or luminaires):

- * Giles Blvd (Janette to Parent) - \$200,000
- * Sandwich Area - \$522,666
- * Walkerville Area - \$1,260,000
- * University (Cameron to Sunset) - \$400,000
- * South Central Area (Wyandotte Street W to Tecumseh Street W) - \$504,000

Future projects to be identified through the ongoing inspection program initiated in 2022.

Project Comments/Reference

7214002, 7219019

Version Comments

COMMITMENT:
CR166/2021 S 136/2020: 2024-2025 F221 \$292,304

Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
5410	Construction Contracts - TCA	442,304	442,304	100,000	100,000	638,790	940,450	722,310	501,940	500,000	366,584	4,754,682
Total		442,304	442,304	100,000	100,000	638,790	940,450	722,310	501,940	500,000	366,584	4,754,682
Revenues												
169	Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	0	0
221	Service Sustainability Investm	150,000	150,000	100,000	100,000	638,790	940,450	722,310	501,940	500,000	366,584	4,170,074
221CF	Committed Funding	292,304	292,304	0	0	0	0	0	0	0	0	584,608
Total		442,304	442,304	100,000	100,000	638,790	940,450	722,310	501,940	500,000	366,584	4,754,682

Related Projects		Historical Approved Budget				Operating Budget Impact		
				Revenue				
		Year	Total Expense	Net City Cost	Subsidies	Effective Date	Unknown	Exp/(Rev) FTE Impact
		2022	237,304	237,304	0			0 0
		2023	342,304	342,304	0			0 0
		Description: Any budget deferral in approved funding will result in an increase in the operating costs for temporary repairs and maintenance.						

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2021	January 1, 2021	Growth: 0.0 % Maintenance: 100.0 %	Ian Day / Prem Patel	Ongoing`



Project Version Summary

Project #	OPS-001-24	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Traffic Operations & Parking
Title	Parking Enforcement Licence Plate Recognition		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description	This project is for the purchase and replacement of licence plate recognition cameras used to scan licence plates of parked cars to determine if they are parked without a permit and subject to a parking infraction. The software will then automatically issue the required parking ticket.											
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Version Description												
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Project Comments/Reference							Version Comments						
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Project Detailed Forecast												
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total	
Expenses												
5110 Machinery & Equipment - TCA	0	0	0	0	0	0	0	0	0	185,000	185,000	
Total	0	0	0	0	0	0	0	0	0	185,000	185,000	
Revenues												
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0	0	0	185,000	185,000	
Total	0	0	0	0	0	0	0	0	0	185,000	185,000	

Related Projects	Historical Approved Budget				Operating Budget Impact			

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
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2024	January 1, 2024	Growth: 0.0 % Maintenance: 0.0 %	Bill Kralovensky / Ian Day	Ongoing`
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Project Version Summary

Project #	OPS-003-22	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Traffic Operations & Parking
Title	Traffic Asset Management Program		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Corporate Technology		
Wards	City Wide		
Version Name	Main (Active)		

Project Description
Traffic Operations intends to utilize CityWide software as an inventory management system for both Signals, and Signs and Markings. The funding for this project includes software licencing fees, data collection costs (labour), and ultimately more detailed asset management.

Version Description
This project shall cover costs for data collection for both signs and markings including GPS data locating of all existing equipment, and the initial costs to develop and implement CityWide software for inventory management of traffic signal equipment. GPS data locating of all existing equipment for Traffic Signals and Signs and Markings commenced in 2022. 100% of signalized intersections and 30% of Traffic Markings have been geo located and mapped. In 2023, the GPS data locating of all traffic maintenance holes and associated fiber and wiring began. All data has been stored and mapped in an ArcGis format with the assistance of the Geomatics Division of Engineering.

Project Comments/Reference	Version Comments
7221010, 7209000	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000
Total	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000
Revenues											
169 Pay As You Go - Capital Reserve	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000
Total	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000

Related Projects		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>2022</td> <td>50,000</td> <td>0</td> <td>50,000</td> </tr> <tr> <td>2023</td> <td>50,000</td> <td>0</td> <td>50,000</td> </tr> </tbody> </table>		Year	Total Expense	Revenue		Net City Cost	Subsidies	2022	50,000	0	50,000	2023	50,000	0	50,000	
Year	Total Expense	Revenue																	
		Net City Cost	Subsidies																
2022	50,000	0	50,000																
2023	50,000	0	50,000																
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date															
2022	January 1, 2022	Growth: 100.0 % Maintenance: 0.0 %	Ian Day / Prem Patel	Ongoing`															



Project Version Summary

Project #	OPS-003-24	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Traffic Operations & Parking
Title	Gateway Signage		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
Wards			
Version Name	Main (Active)		

Project Description	Provision for installation of new and maintenance of existing gateway signage throughout the City.										
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Version Description											
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Project Comments/Reference											
Version Comments											

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	0	500,000	0	0	0	0	0	0	0	0	500,000
Total	0	500,000	0	0	0	0	0	0	0	0	500,000
Revenues											
160 Capital Expenditure Reserve	0	500,000	0	0	0	0	0	0	0	0	500,000
Total	0	500,000	0	0	0	0	0	0	0	0	500,000

Related Projects	Historical Approved Budget	Operating Budget Impact

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
2024	January 1, 2024	Growth: 0.0 % Maintenance: 0.0 %	Ian Day	TBD`



Project Version Summary

Project #	OPS-008-20	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Traffic Operations & Parking
Title	Traffic Signal Upgrades and Replacements		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

This project covers new and existing signals and signal system upgrades including LED replacements, video detection system upgrades/replacements, and upgrades to audible pedestrian signals required to provide for a safe and effective operating system for the user.

There are 290 signalized intersections operated by the City of Windsor. According to industry standards, the average life cycle of a signalized intersection is 20 years. In 2024, there will be 96 signalized intersections 30 years of age or older, and an additional 94 intersections 20 years of age or older. 20-30 year old signalized intersections represent 66% of the traffic signal infrastructure in the City of Windsor. Currently these intersections are listed in the City's asset management program at an operational level of poor. The average cost to rebuild a signalized intersection ranges from \$100,000 to \$200,000. It is not possible to upgrade all of these intersections in one year, therefore, funding is required on an ongoing basis with intersections upgraded based on priority.

Vehicle detection allows for optimal signal operations and coordination, reduces stops and delays, provides green times based on vehicle demand, and adapts to ever-changing traffic conditions. The City of Windsor utilizes video detection systems. The life of a detection camera is 10 years. Detection cameras will be replaced on a 10 year rotational basis.

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.

As of January 1, 2016 AODA legislation requires the installation of accessible pedestrian signals be installed at newly installed signalized intersections, and at intersections where at least 50% of the pedestrian facilities are being upgraded. The cost to implement audible pedestrian signals for an intersection can range from \$10,000 to \$50,000 depending on the existing layout of poles and configuration of the signals. Currently, less than 10% of the signalized intersections in the City meet AODA requirements.

Version Description

Installation of all remaining 2070 controllers was completed in first quarter 2022. Upgrades required may include replacement of old or damage poles, mast arms, pole bases, cabinets, cabinet / system components, wiring, conduit or other components of the system. In 2023, funds were used to complete communications upgrades to the Rugged Comm system to increase data speeds from 100 mbs to 1 gigabit speeds. In 2024, funds will be used for material and construction costs to upgrade above ground equipment and underground infrastructure. Intersection upgrade priorities will be determined on a year-to-year basis based on age and condition of equipment and other capital project requirements with Engineering and Public Works Operations.

This project will also provide funding for non-intrusive detection implementation and the associated infrastructure improvements required for its implementation. In 2020, a tender was issued to determine a new technology that focused on multi-modal transportation detection. In 2021, a six-month trial commenced and was completed in the late summer. Iteris detection system was selected and replacement of old systems as well as installation of new intersections has begun.

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 and continues on with the priority list which is based on life cycle of LEDs currently installed.

Funds will also be used to upgrade the pedestrian facilities at intersections to meet the new 2016 accessibility requirements where they have been identified through consultation with the local branch of the Canadian National Institute for the Blind (CNIB). Most intersections have push buttons installed for activation of the side street pedestrian phase, in most cases these push buttons are older models where the pad of the push button has worn off and the instruction label is no longer visible. The replacement of these buttons is required as part of on-going maintenance and due to the replacement, they must be replaced with audible style buttons. Often older intersections require physical changes such as pole movement, additional concrete, and new underground conduit and wiring.

Project Comments/Reference

2019 Projects (closed and merged into 7209000):
 7045076 – New Signals / Signal System Improvements
 7109004 – LED Signal Replacements
 7192009 – Video Detection
 7194000 – Audible Pedestrian Signals

See Document Attached.
 7209000 – 2020 Traffic Signals – Upgrades and Replacements
 Closed: 7211046 - 2021 Traffic Signals – Upgrades and Replacements

Version Comments

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5410 Construction Contracts - TCA	1,721,405	1,778,137	2,430,000	2,330,000	2,100,000	2,100,000	2,100,000	2,100,000	2,100,000	2,100,000	20,859,542
Total	1,721,405	1,778,137	2,430,000	2,330,000	2,100,000	2,100,000	2,100,000	2,100,000	2,100,000	2,100,000	20,859,542
Revenues											
169 Pay As You Go - Capital Reserve	369,000	569,000	609,000	309,000	500,000	500,000	500,000	500,000	500,000	500,000	4,856,000
176 Canada Community-Building Fund	0	0	0	0	0	0	0	0	0	0	0
221 Service Sustainability Investm	1,352,405	1,209,137	1,821,000	2,021,000	1,600,000	1,600,000	1,600,000	1,600,000	1,600,000	1,600,000	16,003,542
Total	1,721,405	1,778,137	2,430,000	2,330,000	2,100,000	2,100,000	2,100,000	2,100,000	2,100,000	2,100,000	20,859,542

Related Projects		Historical Approved Budget			Operating Budget Impact				
Precedes		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
OPS-012-07		2020	1,294,475	1,294,475	0				
OPS-002-09		2021	1,271,208	1,271,208	0				
OPS-001-10		2022	2,088,259	2,088,259	0				
OPS-003-16		2023	804,673	804,673	0				
Project Title									
Traffic Signals - Capital Upgrades and Replacements					Any budget deferral in approved funding will result in an increase in the operating costs for temporary repairs and maintenance. Addition of video detection 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 effect on operating is unknown at this time.				
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date					
2020	January 1, 2020	Growth: 21.4 % Maintenance: 78.6 %	Ian Day	Ongoing`					

No.	INTERSECTION	LAST UPGRADE	UPGRADE DUE	AGE	YEARS LEFT IN LIFE CYCLE (negative number indicates years past the useful life cycle)	PLAN FOR REBUILD
1	BROCK & SANDWICH	1970	1990	52	-32	Replace with Crossride BNA work
2	KILDARE & SENECA	1978	1998	44	-24	Warrant for removal
3	CALIFORNIA & TECUMSEH	1980	2000	42	-22	
4	CANTELON & LAUZON PKWY	1980	2000	42	-22	2024 AMP Funding
5	CENTRAL & E.C. ROW (N)	1980	2000	42	-22	
6	CENTRAL & E.C. ROW (S)	1980	2000	42	-22	
7	DOMINION & E.C. ROW (N)	1980	2000	42	-22	
8	DOMINION & E.C. ROW (S)	1980	2000	42	-22	
9	HAWTHORNE & LAUZON PKWY	1980	2000	42	-22	2024 AMP Funding
10	RICHMOND & WALKER	1980	2000	42	-22	
11	CAMPBELL & TECUMSEH	1984	2004	38	-18	
12	CRAWFORD & WYANDOTTE	1984	2004	38	-18	TBD With Engineering
13	DIVISION & HOWARD	1984	2004	38	-18	
14	ELLIOTT & GOYEAU	1984	2004	38	-18	
15	SUNSET & UNIVERSITY	1984	2004	38	-18	University EA
16	BRUCE & UNIVERSITY	1985	2005	37	-17	University EA
17	CHATHAM & GOYEAU	1985	2005	37	-17	
18	DOMINION & GRAND MARAIS	1985	2005	37	-17	
19	FOREST GLADE & TECUMSEH	1985	2005	37	-17	2026 With Engineering
20	GEORGE & WYANDOTTE	1985	2005	37	-17	
21	GOYEAU & UNIVERSITY	1985	2005	37	-17	
22	HOWARD & ROUNDHOUSE	1985	2005	37	-17	2024 Engineering
23	CENTRAL & TECUMSEH	1986	2006	36	-16	2024 with Contracts
24	DOUGALL & TECUMSEH	1986	2006	36	-16	
25	HALL & TECUMSEH	1986	2006	36	-16	
26	JEFFERSON & ROSE	1986	2006	36	-16	
27	KILDARE & OTTAWA	1986	2006	36	-16	
28	KILDARE & TECUMSEH	1986	2006	36	-16	
29	LINCOLN & TECUMSEH	1986	2006	36	-16	2024 with Contracts
30	OTTAWA & PARENT	1986	2006	36	-16	
31	CRAWFORD & UNIVERSITY	1987	2007	35	-15	University EA
32	DOUGALL & SUPERCENTER	1987	2007	35	-15	
33	ERIE & OUELLETTE	1987	2007	35	-15	TBD With Engineering
34	GOYEAU & TUSCARORA	1987	2007	35	-15	
35	MCDUGALL & SHEPHERD	1987	2007	35	-15	
36	MELDRUM & TECUMSEH	1987	2007	35	-15	
37	MILL & SANDWICH	1987	2007	35	-15	2024 (BNA Bridge Works)
38	OTTAWA & WALKER	1987	2007	35	-15	
39	PARENT & TECUMSEH	1987	2007	35	-15	
40	CALIFORNIA & COLLEGE	1988	2008	34	-14	
41	EUGENIE & OUELLETTE	1988	2008	34	-14	
42	FORD & TECUMSEH	1988	2008	34	-14	
43	GEORGE & TECUMSEH	1988	2008	34	-14	
44	PILLETTE & WYANDOTTE	1988	2008	34	-14	
45	PRINCESS & TECUMSEH	1988	2008	34	-14	
46	RIVARD & TECUMSEH	1988	2008	34	-14	
47	SEMINOLE & WALKER	1988	2008	34	-14	
48	SENECA & WALKER	1988	2008	34	-14	
49	AYLMER & WYANDOTTE	1989	2009	33	-13	
50	FOREST GLADE & LAUZON RD	1989	2009	33	-13	
51	FOREST GLADE & WILDWOOD	1989	2009	33	-13	
52	GLENGARRY & WYANDOTTE	1989	2009	33	-13	
53	GOYEAU & PITT	1989	2009	33	-13	
54	GOYEAU & RIVERSIDE	1989	2009	33	-13	
55	GRAND MARAIS & HOWARD	1989	2009	33	-13	
56	HALL & WYANDOTTE	1989	2009	33	-13	

No.	INTERSECTION	LAST UPGRADE	UPGRADE DUE	AGE	YEARS LEFT IN LIFE CYCLE (negative number indicates years past the useful life cycle)	PLAN FOR REBUILD
57	HURON CHURCH & NORTHWOOD	1989	2009	33	-13	
58	PARENT & WYANDOTTE	1989	2009	33	-13	
59	TECUMSEH & WESTMINSTER	1989	2009	33	-13	2022 with Contracts
60	BRUCE & WYANDOTTE	1990	2010	32	-12	
61	COUNTY RD 42 & COUNTY RD 17	1990	2010	32	-12	Sandwich South Master Plan
62	COUNTY RD 42 & LAUZON PKWY	1990	2010	32	-12	Sandwich South Master Plan
63	E.C. ROW & BANWELL	1990	2010	32	-12	
64	JANETTE & WYANDOTTE	1990	2010	32	-12	
65	PATRICIA & WYANDOTTE	1990	2010	32	-12	
66	PELISSIER & WYANDOTTE	1990	2010	32	-12	
67	SUNSET & WYANDOTTE W	1990	2010	32	-12	
68	UNIVERSITY & VICTORIA	1990	2010	32	-12	University EA
69	DOUGALL & NOTTINGHAM	1991	2011	31	-11	
70	HURON CHURCH & UNIVERSITY	1991	2011	31	-11	
71	WINDSOR & WYANDOTTE	1991	2011	31	-11	
72	VICTORIA & WYANDOTTE	1992	2012	30	-10	
73	CENTRAL & SEMINOLE	1992	2012	30	-10	
74	CHURCH & UNIVERSITY	1992	2012	30	-10	University EA
75	DOUGALL & NORFOLK	1992	2012	30	-10	
76	DOUGALL & WEST GRAND	1992	2012	30	-10	
77	DROUILLARD & SEMINOLE	1992	2012	30	-10	
78	GEORGE & SEMINOLE	1992	2012	30	-10	
79	HURON CHURCH & WYANDOTTE	1992	2012	30	-10	
80	PILLETTE & SEMINOLE	1992	2012	30	-10	
81	DROUILLARD & RIVERSIDE	1993	2013	29	-9	
82	ELLIOTT & MCDUGALL	1993	2013	29	-9	
83	ELLIS & OUELLETTE	1993	2013	29	-9	
84	WELLINGTON & WYANDOTTE	1993	2013	29	-9	
85	AYLMER & RIVERSIDE	1994	2014	28	-8	
86	BRUCE & RIVERSIDE	1994	2014	28	-8	
87	CHRYSLER CENTRE & GATE 4	1994	2014	28	-8	
88	CHURCH & RIVERSIDE	1994	2014	28	-8	
89	COLLEGE & HURON CHURCH	1994	2014	28	-8	
90	ERIE & GOYEAU	1994	2014	28	-8	
91	GILES & GOYEAU	1994	2014	28	-8	
92	GILES & MCDUGALL	1994	2014	28	-8	
93	GILES & PARENT	1994	2014	28	-8	
94	GLENGARRY & RIVERSIDE	1994	2014	28	-8	
95	OUELLETTE & SHEPHERD	1994	2014	28	-8	
96	WATSON & WYANDOTTE	1994	2014	28	-8	
97	CAMPBELL & GROVE	1995	2015	27	-7	
98	CHRYSLER CENTRE & GATE 5	1995	2015	27	-7	
99	EDINBOROUGH & HOWARD	1995	2015	27	-7	
100	ERIE & MCDUGALL	1995	2015	27	-7	2028 with Engineering
101	ERIE & VICTORIA	1995	2015	27	-7	
102	GOYEAU & WYANDOTTE	1995	2015	27	-7	
103	CENTRAL & TEMPLE	1996	2016	26	-6	
104	CHRYSLER CENTRE & GATE 2	1996	2016	26	-6	
105	DIVISION & SYDNEY	1996	2016	26	-6	
106	GOYEAU & PARK	1996	2016	26	-6	
107	HIRAM WALKERS & RIVERSIDE	1996	2016	26	-6	
108	JEFFERSON & RAYMOND	1996	2016	26	-6	
109	MCDUGALL & HOWARD	1996	2016	26	-6	
110	MCKAY & UNIVERSITY	1996	2016	26	-6	University EA
111	MONTREUIL & RIVERSIDE	1996	2016	26	-6	
112	PARK & VICTORIA	1996	2016	26	-6	

No.	INTERSECTION	LAST UPGRADE	UPGRADE DUE	AGE	YEARS LEFT IN LIFE CYCLE (negative number indicates years past the useful life cycle)	PLAN FOR REBUILD	No.	INTERSECTION	LAST UPGRADE	UPGRADE DUE	AGE	YEARS LEFT IN LIFE CYCLE (negative number indicates years past the useful life cycle)	PLAN FOR REBUILD
113	ST. LOUIS & WYANDOTTE	1996	2016	26	-6		173	SCULPTURE GARDEN & RIVERSIDE	2001	2021	21	-1	
114	CHATHAM & GLENGARRY	1997	2017	25	-5		174	CURRY & GRAND MARAIS	2002	2022	20	0	
115	CURRY & WYANDOTTE	1997	2017	25	-5		175	DIVISION & WALKER	2002	2022	20	0	
116	DOMINION & LABELLE	1997	2017	25	-5		176	DROUILLARD & TECUMSEH	2002	2022	20	0	
117	EUGENIE & HOWARD	1997	2017	25	-5		177	FERRY & RIVERSIDE	2002	2022	20	0	
118	FLORENCE & RIVERSIDE	1997	2017	25	-5		178	McDOUGALL & TECUMSEH	2002	2022	20	0	
119	GLENGARRY & UNIVERSITY	1997	2017	25	-5		179	OUELLETTE & RIVERSIDE	2002	2022	20	0	
120	HOWARD & COUNTRY CLUB/LAKE TRAIL	1997	2017	25	-5	2028 With Engineering	180	RAYMO & WYANDOTTE	2002	2022	20	0	
121	HOWARD & TECUMSEH	1997	2017	25	-5		181	SEMINOLE & SNAKE LANE	2002	2022	20	0	
122	PILLETTE & RIVERSIDE	1997	2017	25	-5		182	WALKER & CALDERWOOD	2002	2022	20	0	
123	RIVERSIDE & WALKER	1997	2017	25	-5		183	BANWELL & TECUMSEH	2003	2023	19	1	
124	THOMPSON & WYANDOTTE	1997	2017	25	-5		184	TECUMSEH & WALKER	2003	2023	19	1	
125	AYLMER & UNIVERSITY	1998	2018	24	-4		185	WALKER & CANADA POST	2003	2023	19	1	
126	CENTRAL & DEZIEL	1998	2018	24	-4		186	CHRYSLER CTR. & GATE 3	2004	2024	18	2	
127	CENTRAL & YPRES	1998	2018	24	-4		187	DOUGALL PKWY & SIXTH CONC	2004	2024	18	2	
128	CRAWFORD & COLLEGE	1998	2018	24	-4		188	FOSTER & WALKER	2004	2024	18	2	
129	E.C. ROW (N) & HOWARD	1998	2018	24	-4		189	MONMOUTH & OTTAWA	2004	2024	18	2	
130	E.C. ROW (S) & HOWARD	1998	2018	24	-4		190	WALKER & COCO PLAZA	2004	2024	18	2	
131	FLORA & RIVERSIDE	1998	2018	24	-4		191	CABANA & HOWARD	2005	2025	17	3	
132	HOWARD & LOGAN	1998	2018	24	-4		192	CENTRAL & GRAND MARAIS	2005	2025	17	3	
133	JEFFERSON & QUEEN ELIZABETH	1998	2018	24	-4		193	CHRYSLER CENTRE & GRAND MARAIS	2005	2025	17	3	
134	LAUZON PKWY & TWIN OAKS	1998	2018	24	-4		194	CHRYSLER CTR. & GATE 1	2005	2025	17	3	
135	MCDUGALL & CITY HALL SQUARE S.	1998	2018	24	-4		195	GRAND MARAIS & GATE #8	2005	2025	17	3	
136	MCDUGALL & RIVERSIDE	1998	2018	24	-4		196	HOWARD & SHEPHERD	2005	2025	17	3	
137	MCDUGALL & UNIVERSITY	1998	2018	24	-4		197	JEFFERSON & TECUMSEH	2005	2025	17	3	
138	McDOUGALL & WYANDOTTE	1998	2018	24	-4		198	TECUMSEH & CLOVER	2005	2025	17	3	
139	PARENT & ELLIS	1998	2018	24	-4	2023 with Contracts	199	GILES & HOWARD	2006	2026	16	4	
140	PROVINCIAL & SIXTH CONC.	1998	2018	24	-4	2023 with Engineering	200	HOWARD & OTTAWA	2006	2026	16	4	
141	RIVERSIDE & STRABANE	1998	2018	24	-4		201	LAUZON & LITTLE RIVER	2006	2026	16	4	
142	ST.ROSE & WYANDOTTE	1998	2018	24	-4		202	MILL & WYANDOTTE	2006	2026	16	4	
143	TECUMSEH & LOEB IGA	1998	2018	24	-4		203	OJIBWAY & SPRUCEWOOD	2006	2026	16	4	Some upgrades in 2019
144	VICTORIA & YMCA	1998	2018	24	-4		204	CHATHAM & OUELLETTE	2007	2027	15	5	
145	ANNIE & TECUMSEH	1999	2019	23	-3		205	DROUILLARD & WYANDOTTE	2007	2027	15	5	2023 AMP Funding
146	CRAWFORD & TECUMSEH	1999	2019	23	-3	TBD with Engineering	206	TECUMSEH & AUTO MALL	2007	2027	15	5	
147	CURRY/SOUTH CAMERON & TECUMSEH	1999	2019	23	-3		207	LAUZON RD & McHUGH/LAUZON LINE	2008	2028	14	6	
148	DIVISION & MARENTETTE	1999	2019	23	-3		208	CHATHAM & MCDUGALL	2008	2028	14	6	
149	CANADIAN TIRE & TECUMSEH	1999	2019	23	-3		209	DIVISION AND HOME DEPOT	2008	2028	14	6	
150	LAUZON & TECUMSEH	1999	2019	23	-3		210	ERIE & HOWARD	2008	2028	14	6	
151	LAUZON & THE MALL	1999	2019	23	-3		211	GRAND MARAIS & WALKER	2008	2028	14	6	
152	LAUZON PKWY & TECUMSEH	1999	2019	23	-3		212	LAUZON & WYANDOTTE	2008	2028	14	6	
153	LINCOLN & RIVERSIDE	1999	2019	23	-3		213	MCDUGALL & PITT	2008	2028	14	6	
154	OJIBWAY & WEAVER	1999	2019	23	-3	2023 AMP Funding	214	MCHUGH & WFCU EAST ENTRANCE	2008	2028	14	6	
155	WALKER & ST.JULIEN	1999	2019	23	-3		215	OUELLETTE & UNIVERSITY	2008	2028	14	6	
156	WALKER & VIMY	1999	2019	23	-3		216	WYANDOTTE & RIVERDALE	2008	2028	14	6	
157	CAMPBELL & COLLEGE	2000	2020	22	-2		217	CLOVER & MCHUGH	2009	2028	13	7	
158	COLLEGE & WELLINGTON	2000	2020	22	-2		218	HOWARD & NORTH TALBOT	2009	2029	13	7	
159	DOUGALL & ROSELAND	2000	2020	22	-2		219	MAIDEN LANE & OUELLETTE	2009	2029	13	7	
160	DROUILLARD & MILLOY	2000	2020	22	-2		220	PROVINCIAL & LOWE'S	2009	2029	13	7	
161	FORD GATE & SEMINOLE	2000	2020	22	-2		221	WALKER & DIGBY	2009	2029	13	7	
162	OUELLETTE & PITT	2000	2020	22	-2		222	WALKER & PARKDALE	2009	2029	13	7	
163	PARENT & RIVERSIDE	2000	2020	22	-2		223	HURON CHURCH & RIVERSIDE	2009	2029	13	7	
164	WALKER & YPRES	2000	2020	22	-2		224	CRAWFORD & RIVERSIDE	2010	2029	12	8	
165	CAMPBELL & UNIVERSITY	2001	2021	21	-1	University EA	225	DOUGALL & E.C. ROW (N)	2010	2030	12	8	Replacement 2023
166	JEFFERSON & QUALITY WAY	2001	2021	21	-1		226	DOUGALL & E.C. ROW (S)	2010	2030	12	8	Replacement 2023
167	LAUZON & TRANBY	2001	2021	21	-1		227	DUCHARME & WALKER	2010	2030	12	8	
168	LAUZON PKWY & CATHERINE	2001	2021	21	-1		228	EASTPARK & TECUMSEH	2010	2030	12	8	
169	LAUZON PKWY & LAUZON LINE	2001	2021	21	-1		229	HOWARD & MEMORIAL	2010	2030	12	8	
170	MATCHETTE & PRINCE	2001	2021	21	-1		230	MONMOUTH & WYANDOTTE	2010	2030	12	8	
171	PILLETTE & PLYMOUTH	2001	2021	21	-1		231	OUELLETTE & PARK	2010	2030	12	8	
172	PILLETTE & TECUMSEH	2001	2021	21	-1		232	OUELLETTE & TECUMSEH	2010	2030	12	8	

No.	INTERSECTION	LAST UPGRADE	UPGRADE DUE	AGE	YEARS LEFT IN LIFE CYCLE (negative number indicates years past the useful life cycle)	PLAN FOR REBUILD	No.	INTERSECTION	LAST UPGRADE	UPGRADE DUE	AGE	YEARS LEFT IN LIFE CYCLE (negative number indicates years past the useful life cycle)	PLAN FOR REBUILD
233	PARK & PELISSIER	2010	2030	12	8		263	CABANA & HOLBURN	2017	2037	5	15	
234	PELISSIER & UNIVERSITY	2010	2030	12	8		264	DIVISION & UNION SQUARE PLAZA	2018	2037	4	16	
235	PROVINCIAL & WALKER	2010	2030	12	8		265	LAUZON & RIVERSIDE	2018	2038	4	16	
236	ROSEVILLE & TECUMSEH	2010	2030	12	8		266	ELLIOTT & OUELLETTE	2018	2038	4	16	
237	TECUMSEH & HOME DEPOT	2010	2030	12	8		267	HURON CHURCH & TOTTEN	2019	2039	3	17	
238	WALKER & HOME DEPOT	2010	2030	12	8		268	HURON CHURCH & MALDEN	2019	2039	3	17	
239	WALKER & SEVENTH CONCESSION	2010	2030	12	8		269	DORCHESTER & HURON CHURCH	2019	2039	3	17	
240	WALKER & WYANDOTTE	2010	2030	12	8		270	DOUGALL AVE & OUELLETTE PL	2019	2039	3	17	
241	CABANA & PROVINCIAL	2012	2030	10	10		271	RIVERSIDE DRIVE & DEVONSHIRE	2020	2040	2	18	
242	DOMINION & TOTTEN	2012	2032	10	10		272	DOMINION & NORTHWOOD	2020	2040	2	18	
243	E.C. ROW (N) & WALKER	2012	2032	10	10		273	BANWELL & PALMETTO	2020	2040	2	18	
244	E.C. ROW (S) & WALKER	2012	2032	10	10		274	STRABANE & WYANDOTTE	2020	2040	2	18	
245	RANDOLPH & WYANDOTTE	2012	2032	10	10		275	DARFIELD & MCHUGH	2021	2041	1	19	
246	RIVERSIDE & RIVERDALE	2012	2032	10	10		276	LAUZON RD & SPITFIRE WAY	2021	2041	1	19	
247	RIVERSIDE & SOLIDARTITY TOWERS	2012	2032	10	10		277	HURON CHURCH & TECUMSEH	2021	2041	1	19	
248	CALIFORNIA & WYANDOTTE	2013	2032	9	11		278	CABANA & DOMINION	2021	2041	1	19	
249	CAMPBELL & WYANDOTTE	2013	2033	9	11		279	GIRARDOT & HURON CHURCH	2021	2041	1	19	Asthetic Upgrade 2021
250	GLADSTONE & OTTAWA	2013	2033	9	11		280	CABANA & DOUGALL	2021	2041	1	19	
251	HALL & OTTAWA	2013	2033	9	11		281	BERNARD & TECUMSEH	2022	2042	0	20	
252	LINCOLN & OTTAWA	2013	2033	9	11		282	NORTHWAY & TECUMSEH	2022	2042	0	20	
253	SYDNEY & WALKER	2013	2033	9	11		283	BANWELL & MCHUGH/MCNORTON	2022	2042	0	20	
254	WALKER & AIRPORT	2013	2033	9	11		284	DOUGALL & EUGENIE	2022	2042	0	20	
255	CALIFORNIA & UNIVERSITY	2014	2033	8	12	University EA	285	EUGENIE & MCDUGALL	2022	2042	0	20	
256	DEVONSHIRE & WYANDOTTE	2014	2034	8	12		286	BANWELL & WILDWOOD	2022	2042	0	20	
257	GLADSTONE & WYANDOTTE	2014	2034	8	12		287	ESSEX WAY & LAUZON PKWY	2023	2043	-1	21	2023 AMP Funding
258	LINCOLN & WYANDOTTE	2014	2034	8	12		288	ESSEX WAY & LAUZON PKWY	2023	2043	-1	21	2023 AMP Funding
259	GOYEAU & HOTEL DIEU CROSSING	2015	2034	7	13		289	CABANA & GLENWOOD	2023	2043	-1	21	2023 With Engineering
260	GILES & OUELLETTE	2017	2035	5	15		290	AYLMER & CHATHAM	2023				Removed
261	JEFFERSON & WYANDOTTE	2017	2037	5	15								
262	OUELLETTE & WYANDOTTE	2017	2037	5	15								



Project Version Summary

Project #	OPS-010-07	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Traffic Operations & Parking
Title	Advanced Traffic Management System (ATMS) - System Maintenance		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Transportation		
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. CR71/2010 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 maintenance and addition of enhancements to the KITS/ATMS and continued maintenance of traffic controller equipment to the 2070 controller. This also includes rehabilitating the communication system to Ethernet from serial via fibre, broadband and cellular, replacement and upgrade of the central system hardware, implantation of central system modules, continued maintenance of the KITS/ATMS enhanced operational functionalities, travel time monitoring, adaptive traffic, continued CCTV camera expansion, and installation of ITS components associated with the system. KITS/ATMS system upgrades will include update to Traction Gold to compliment the installation of a pre emption priority system with Windsor Fire services and Windsor Transit. An integration of new technologies and data acquisition is being reviewed for future installation.

Project Comments/Reference	Version Comments
7003326	

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	4,000,000
	Total	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	4,000,000
Revenues												
221	Service Sustainability Investm	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	4,000,000
	Total	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	4,000,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		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				
		2018	600,000	600,000	0				
		2019	520,000	520,000	0				
		2020	952,000	952,000	0				
		2021	488,000	488,000	0				
		2022	420,000	420,000	0				
		2023	234,000	234,000	0				
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date				
2007	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %		Ian Day	Ongoing`				



Project Version Summary

Project #	OPS-001-18	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Transportation Planning
Title	School Neighbourhood Policy		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project 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.

Version Description
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
7202008	

Project Detailed Forecast											
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
5475 Non-Tendered Construction Cost	40,000	50,000	50,000	50,000	100,000	100,000	107,800	0	0	315,000	812,800
Total	40,000	50,000	50,000	50,000	100,000	100,000	107,800	0	0	315,000	812,800
Revenues											
169 Pay As You Go - Capital Reserve	40,000	50,000	50,000	50,000	100,000	100,000	107,800	0	0	315,000	812,800
Total	40,000	50,000	50,000	50,000	100,000	100,000	107,800	0	0	315,000	812,800

Related Projects	Historical Approved Budget				Operating Budget Impact		
			Revenue		Effective Date	Unknown	Exp/(Rev) FTE Impact
	Year	Total Expense	Net City Cost	Subsidies	Description	0	0
	2022	150,000	150,000	0	The addition of signage including controllable flashing signs have associated on-going maintenance costs		
2023	150,000	150,000	0				

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
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2018	January 1, 2022	Growth: 100.0 % Maintenance: 0.0 %	Shawna Boakes	Ongoing`
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Project Version Summary

Project #	OPS-001-19	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Transportation Planning
Title	Pedestrian Crossovers		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

This project would cover the materials and construction of new pedestrian crossovers (PXO). PXO's are defined in the Ministry of Transportation Ontario OTM Book 15; they currently include multiple types of treatment options that can be installed depending on traffic and geometric characteristics of the site. PXO's may require anything from signs with crossing markings, flashing beacons, or fully signalized pedestrian signals. Costs range from \$30,000 to \$100,000 depending on the treatment required.

Version Description

Installation of PXO's is based on prioritization exercise and warrants as funding is available. There are currently 29 in the priority list that are warranted and there are an additional 27 locations under review. It will cost approximately \$65,000 each on average, or \$1,885,000 to complete the 29 locations on the current priority list.

Project Comments/Reference	Version Comments
7191010	

Project Detailed Forecast												
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total	
Expenses												
5410 Construction Contracts - TCA	0	0	0	0	100,000	0	0	0	103,000	320,000	523,000	
Total	0	0	0	0	100,000	0	0	0	103,000	320,000	523,000	
Revenues												
169 Pay As You Go - Capital Reserve	0	0	0	0	100,000	0	0	0	103,000	320,000	523,000	
Total	0	0	0	0	100,000	0	0	0	103,000	320,000	523,000	

Related Projects	Historical Approved Budget				Operating Budget Impact		
	Year	Total Expense	Revenue Net City Cost	Subsidies	Effective Date	Unknown	Exp/(Rev) FTE Impact
	2019	200,000	200,000	0			0 0
	2021	164,993	0	164,993			
	2022	200,000	200,000	0			
Description Addition of PXO's will increase ongoing maintenance operating costs. The affect on ongoing operating costs will be dependent upon the quantity and treatments installed.							

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
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2019	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Shawna Boakes	Ongoing`
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Project Version Summary

Project #	OPS-003-14	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Transportation Planning
Title	University Avenue Environmental Assessment Placeholder		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
Wards	Ward 2, Ward 3		
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 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.

Version Description
 As per CR89/2014, Report #17088, Council approved the University Avenue project from Huron Church Road to McDougall Street. The environmental assessment is complete and has been approved by Council.

Project Comments/Reference	Version Comments
7221052 Closed: 7149000 7144008	COMMITMENT: B30/2019 C 53/2019: 2024 F169 \$125,000 - 2024 F221 \$475,000

Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	600,000	0	0	0	0	0	0	0	0	0	600,000
	Total	600,000	0	0	0	0	0	0	0	0	0	600,000
Revenues												
169CF	Committed Funding	125,000	0	0	0	0	0	0	0	0	0	125,000
221	Service Sustainability Investm	0	0	0	0	0	0	0	0	0	0	0
221CF	Committed Funding	475,000	0	0	0	0	0	0	0	0	0	475,000
	Total	600,000	0	0	0	0	0	0	0	0	0	600,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				Net City Cost	Subsidies				
		2018	5,000,000	5,000,000	0				
		2023	401,000	401,000	0				
					The results of the ESR could influence the on-going operating expenses				
Year Identified	Start Date	Project Type for 2024		Project Lead	Est. Completion Date				
2014	January 1, 2015	Growth: 20.8 % Maintenance: 79.2 %		Shawna Boakes	TBD`				



Project Version Summary

Project #	OPS-007-16	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Transportation Planning
Title	Cabana Rd. Pavement Markings		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Roads Infrastructure		
Wards	Ward 1, Ward 9		
Version Name	Main (Active)		

Project 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.
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Version Description	Cycling facilities on Cabana Road from Northway Avenue to Walker Road.
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Project Comments/Reference	Version Comments
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Project Detailed Forecast		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
GL Account												
Expenses												
5410	Construction Contracts - TCA	110,000	0	0	0	110,000	0	0	0	0	110,000	330,000
	Total	110,000	0	0	0	110,000	0	0	0	0	110,000	330,000
Revenues												
221	Service Sustainability Investm	110,000	0	0	0	110,000	0	0	0	0	110,000	330,000
	Total	110,000	0	0	0	110,000	0	0	0	0	110,000	330,000

Related Projects	Historical Approved Budget	Operating Budget Impact
		<p>Effective Date Unknown</p> <p>Description No Operating Budget Impact</p> <p>Exp/(Rev) FTE Impact 0 0</p>

Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date
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2016	January 1, 2020	Growth: 0.0 % Maintenance: 100.0 %	Shawna Boakes	Every 5 Years`
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Project Version Summary

Project #	OPS-009-07	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Transportation Planning
Title	Transportation Planning Environmental Study Reports (ESRs)		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Transportation		
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 (Tecumseh to Grand Marais)
- Jefferson (Rose to Airport Lands)
- Lauzon Road (Tecumseh Road East to Forest Glade Drive)
- Transportation Master Plan
- Truck Route Study
- Wyandotte Street East Extension (Jarvis to Banwell)

Version Description

ESRs typically extend beyond one year in duration (range from \$70,000 - \$500,000 per study). Currently work is ongoing for the Truck Route Study and the Wyandotte Street East Extension. Upcoming plans include a revised Transportation Master Plan when funding is available.

Note: Annual budgets may need to be accumulated in order to initiate a typical ESR if the cost is significant.

Project Comments/Reference

7086010

Version Comments

Project Detailed Forecast

GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses											
2950 Other Prof Services- External	100,000	100,000	100,000	0	0	0	0	200,000	45,000	170,000	715,000
Total	100,000	100,000	100,000	0	0	0	0	200,000	45,000	170,000	715,000
Revenues											
169 Pay As You Go - Capital Reserve	25,000	25,000	25,000	0	0	0	0	200,000	45,000	170,000	490,000
221 Service Sustainability Investm	75,000	75,000	75,000	0	0	0	0	0	0	0	225,000
Total	100,000	100,000	100,000	0	0	0	0	200,000	45,000	170,000	715,000

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				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				
		2018	100,000	100,000	0				
		2019	100,000	100,000	0				
		2020	100,000	100,000	0				
		2021	225,000	225,000	0				
		2022	100,000	100,000	0				
		2023	100,000	100,000	0				
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date					
2007	January 2, 2015	Growth: 25.0 % Maintenance: 75.0 %	Shawna Boakes	Ongoing`					



Project Version Summary

Project #	OPS-014-07	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Transportation Planning
Title	Citywide Bikeway Development Initiatives		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project Description

This funding allocation supports the implementation of the City's Active Transportation Master Plan (ATMP), as approved by CR378/2019 and B16/2020, based on the plan's key principles which includes the development and improvement of the cycling network, Active Transportation (AT) promotion, awareness and education, AT transit links and mode share, and AT end-of-trip facilities.

Implementation of cycling facilities will depend on the schedule of road reconstruction and resurfacing projects.

Version Description

Design and installation of bikeways shall be prioritized based on the Active Transportation Master Plan and in conjunction with other departmental projects, and as funding is available.

Project Comments/Reference	Version Comments
Active: 7111031 Closed: 7086009 7092024-ISF	

Project Detailed Forecast												
GL Account	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total	
Expenses												
5410 Construction Contracts - TCA	400,000	400,000	400,000	100,000	100,000	100,000	100,000	600,000	281,000	670,000	3,151,000	
Total	400,000	400,000	400,000	100,000	100,000	100,000	100,000	600,000	281,000	670,000	3,151,000	
Revenues												
169 Pay As You Go - Capital Reserve	400,000	400,000	400,000	100,000	100,000	100,000	100,000	600,000	281,000	670,000	3,151,000	
176 Canada Community-Building Fund	0	0	0	0	0	0	0	0	0	0	0	
Total	400,000	400,000	400,000	100,000	100,000	100,000	100,000	600,000	281,000	670,000	3,151,000	

Related Projects		Historical Approved Budget			Operating Budget Impact				
		Year	Total Expense	Revenue		Effective Date	Unknown	Exp/(Rev)	FTE Impact
				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				
		2018	500,000	500,000	0				
		2019	600,000	600,000	0				
		2020	500,000	500,000	0				
		2021	400,000	400,000	0				
		2022	200,000	200,000	0				
		2023	200,000	200,000	0				
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date					
2007	January 1, 2015	Growth: 100.0 % Maintenance: 0.0 %	Shawna Boakes	Ongoing`					



Project Version Summary

Project #	OPS-021-07	Service Area	Infrastructure Services
Budget Year	2024	Department	Public Works
Asset Type	Unassigned	Division	Transportation Planning
Title	Traffic Calming Initiatives		
Budget Status	Capital Bdgt. Exec. Comm. (CBC) Recommended		
Major Category	Transportation		
Wards	City Wide		
Version Name	Main (Active)		

Project 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.												
Version Description												
The magnitude of the prioritized traffic calming plans and available funding will dictate the implementation schedule. The expedited traffic calming and speed hump program is funded from this project.												
Project Comments/Reference						Version Comments						
7069022 closed: 7211020						COMMITMENTS: CR362/2023 S 83/2023: 2026 F169 \$100,000 CR408/2023 C 140/2023: 2026 F169 \$105,000 CR467/2023 S 128/2023: 2026 F169 \$41,700						
Project Detailed Forecast												
GL Account		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	Total
Expenses												
2950	Other Prof Services-External	0	504,384	400,000	0	100,000	0	0	1,140,000	281,000	4,025,168	6,450,552
Total		0	504,384	400,000	0	100,000	0	0	1,140,000	281,000	4,025,168	6,450,552
Revenues												
160	Capital Expenditure Reserve	0	50,000	0	0	100,000	0	0	0	0	0	150,000
169	Pay As You Go - Capital Reserve	0	454,384	153,300	0	0	0	0	1,140,000	281,000	585,000	2,613,684
169CF	Committed Funding	0	0	246,700	0	0	0	0	0	0	0	246,700
176	Canada Community-Building Fund	0	0	0	0	0	0	0	0	0	3,440,168	3,440,168
Total		0	504,384	400,000	0	100,000	0	0	1,140,000	281,000	4,025,168	6,450,552

Related Projects		Historical Approved Budget			Operating Budget Impact		
		Revenue			Effective Date	Unknown	Exp/(Rev) FTE Impact
Year	Total Expense	Net City Cost	Subsidies	Description		0	0
2011	50,000	50,000	0	Traffic calming features have associated on-going maintenance / operational costs including signage, markings, surface and winter maintenance.			
2014	75,000	75,000	0				
2016	75,000	75,000	0				
2019	169,000	169,000	0				
2020	206,000	206,000	0				
2021	200,000	200,000	0				
Year Identified	Start Date	Project Type for 2024	Project Lead	Est. Completion Date			
2007	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %	Shawna Boakes	Ongoing`			