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**BUDGET 2017**  
Capital Budget Detail

# **2017 Recommended Capital Budget 5-Year Plan**





## Table of Contents

		Page
Section A	2017 Capital Budget 5-Year Plan Council Report	
Section B	Summary of 5 - Year Capital Budget	1
	Summary of Capital Budget Expenditures and Funding Sources	2
	Summary and Comparison of Capital Budget Expenditures by Major Categories	3
Section C	5-Year Capital Project Listing by Major Category	4
Section D	5-Year Summary of Capital Budget by Funding Source	18
Section E	Summary of Growth vs. Maintenance Related Projects (Gross Expenditure Level)	42
Section F	Capital Project Summaries	
	Agencies and Boards.....	59
	City Council and Mayor's Office.....	105
	Office of Community Development and Health.....	108
	Office of the Chief Administrative Officer.....	145
	Office of the Chief Financial Officer.....	147
	Office of the City Clerk.....	188
	Office of the City Engineer.....	208
	Office of the City Solicitor.....	442
	Transportation Services Office.....	473

# **2017 Recommended Capital Budget**



## **Section A:**

### **2017 Capital Budget 5-Year Plan Council Report**

### MISSION STATEMENT

*"Our City is built on relationships – between citizens and their government, businesses and public institutions, city and region – all interconnected, mutually supportive, and focused on the brightest future we can create together"*

<b>REPORT #: C 217/2016</b>	<b>Report Date: 11/21/2016</b>
<b>Author's Contact:</b> <b>Melissa Osborne</b> <b>Senior Manager Asset Planning</b> <b>mosborne@citywindsor.ca</b> <b>519-255-6100 x6111</b>	<b>Date to Council: 1/23/2017</b>
	<b>Clerk's File #:</b>
<b>Victor Ferranti</b> <b>Manager of Capital Budget &amp; Reserves</b> <b>vferranti@citywindsor.ca</b> <b>519-255-6100 x1732</b>	

**To: Mayor and Members of City Council**

**Subject: 2017 5 Year Capital Budget**

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### RECOMMENDATION:

THAT Council **RECEIVE** the 2017 Capital Budget 5-year Capital Plan documents reflective of \$548,109,000 in total funding; and

THAT Council **APPROVE** the recommended allocation of the 2017 available funding (net of funding required for pre-commitments and allocations to prior years' approvals) for capital projects totalling \$67,467,000 (subject to any further changes approved by Council); and

THAT Council **APPROVE IN PRINCIPLE** the recommended allocation of the 2018 to 2021 available funding (net of funding required for pre-commitments and allocations to prior years' approvals) for capital projects totalling \$307,966,000, inclusive of the \$10 million unallocated capital funding and subject to any further changes approved by Council; and

THAT Council **APPROVE** the funding sources for the previously approved placeholder projects: Mitchel Park – Security Upgrades \$10,000; Riverfront \$1,690,000 and Splash Pad \$300,000 be changed to 2020 Pay as you Go Funding; and

THAT Council **APPROVE** the funding source for the Arts Endowment Placeholder (Project MAY- 001-16), be changed to 2017 Pay as you Go funding; and

THAT Council **APPROVE** Reserve Fund 131 (LRWRP Reserve), Fund 132 (LRPCP Reserve), and Fund 133 (Pumping Stations Reserve) be closed, with the remaining respective balances transferred into a newly established Pollution Control Reserve; and

THAT Council **DIRECT** that any projects previously funded by Fund 131, 132 or 133 for which funds have not yet been transferred now be funded by the newly established Pollution Control Reserve.

## **EXECUTIVE SUMMARY:**

N/A

## **BACKGROUND:**

At its meeting of July 18, 2016 Council adopted Council Resolution CR468/2016 which directed, in part, the following:

*THAT the report of the Chief Financial Officer & City Treasurer dated June 29, 2016 regarding the 2017 Proposed Budget Process & Timeline **BE RECEIVED** for information.*

*That through the 2017 budget process, the 5-year Capital Budget Plan **BE UPDATED** to include projects for the year 2021, including any identified in the 20 year vision exercise balanced to projected available funding; and.*

## **DISCUSSION:**

On December 21st, 2015 Council approved the 2016 - 2020 5-Year Capital Plan (per B24-2015). The 2017 capital budget being submitted to Council updates that plan for the 2017 - 2021 timeframe. Therefore, this plan brings forth an additional year (2021) and, as well, contains some recommended changes to projects that were previously approved by Council in principle only for the 2017 - 2020 years.

### **Overall Funding**

Total funds of \$548.1 million are projected to be available in this 2017 - 2021 5-year plan as detailed on page 3 of the 2017 Recommended Capital Budget book.

Contributions from the operating budgets remain largely unchanged from those in the 2016 budget. While Administration did recommend a budget issue for a \$2M increase in contributions from Operating to Capital Budget for 2017 to address the matter of the declining purchasing power of the available capital funding, this amount has not been included as additional funding within the 2017 Capital Budget pending City Council's final direction relative to this matter. Should Council approve that recommendation an additional \$10 million in funding would be available in the 5-year capital plan and in each 5-year plan thereafter.

The normal process for Capital Budget development is to identify changes which impact the previous capital budget that was approved in principle. Additionally departments reviewed projects that were previously approved in principle within the 5 year plan to consider if any changes are required as a result of changing demands, infrastructure issues or availability of grants and matching funds.

As a result of this review and based on the addition of various other projects within the 2017-2020 period there are \$65.4 million dollars in project funding requests within this timeframe above and beyond what was approved in principle in the last 5-year plan; however only \$31.1 million in funding is available relative to these projects. A full listing of the additional project funding requests from 2017 to 2020 can be found in Appendix A.

In order to balance the significant project requests with available funding administration has put forth a budget which included cancellation, postponement and or reduction in funding of some projects previously approved in principle; additionally use of development charges funds and or reserves was also used to address the funding gap. A significant contributing factor to the funding of these additional projects results from the recent announcements for the Public Transit Infrastructure Fund as well as the Clean Water Waste Water fund. These grant programs respectively allocated approximately \$10.2M and \$9.3M to Windsor resulting in a significant increase in Third Party Recoveries funding. The full list of projects that were previously approved in principle by Council that have been pushed out beyond the 2017 – 2020 timeframe can be found in Appendix B.

The Corporate Leadership Team reviewed the entire Capital Budget to ensure allocations to corporate priorities were reflected in projects recommended in the 2017 5-year Capital Budget. The 2017 5-year Capital Budget presented is a balanced budget, inclusive of \$10 million which, as per recent practice, has been left unallocated in 2021 as a contingency for high priority Council projects not currently funded, or to be used to match provincial/federal grants that may be announced in the future.

### **2017 – 2021 Funding Pre- Committed**

The following chart identifies \$172.7 million of the \$548.1 million available funding in 2017 – 2021 that has been previously pre-committed by City Council (\$56.4 million to finalize funding for previously approved projects from the 2013 and 2014 Enhanced Budgets, and \$116.2 million pre-committed for future projects).

Funding Allocation	5-Year Capital Plan					
	2017	2018	2019	2020	2021	TOTAL
	(\$ 000's)	(\$ 000's)	(\$ 000's)	(\$ 000's)	(\$ 000's)	(\$ 000's)
<b>Pre- Commitment Funding Allocations</b>						
2013 Enhanced Plan - PAYG	28,640	7,811	-	-	-	36,451
2014 Enhanced Plan - PAYG	10,000	10,000	-	-	-	20,000
Sewer Surcharge	11,750	2,863	-	2,120	2,881	19,614
Development Charges, Federal Gas Tax & Reserves	8,545	2,203	335	195	20	11,298
Other PAYG Projects	2,629	23,660	22,399	27,400	9,224	85,312
<b>Total Funds Allocated to Prior Year Commitments</b>	<b>61,564</b>	<b>46,537</b>	<b>22,734</b>	<b>29,715</b>	<b>12,125</b>	<b>172,675</b>

More specifically these commitments include:

1. By way of council resolution B26-2013 during the 2013 budget deliberations, Council approved an enhanced capital plan of approximately \$64.3 million. Of that amount, \$1 million was funded in 2013, \$500K in 2014, \$100K in 2015 and \$26.3M in 2016. The remaining \$36.4 million remains to be funded in 2017 - 2018.

The chart that follows identifies which major categories the projects to be funded from 2017 - 2018 were distributed to.

2013 Enhanced Plan to be Funded in Future Years	(\$ 000's)
Community & Economic Development	2,212
Corporate Property Infrastructure	19,432
Corporate Technology	5,167
Parks & Recreation	1,316
Roads	4,041
Transportation Infrastructure	4,283
<b>Total 2013 Enhanced Plan Funded in Future Years</b>	<b>36,451</b>

2. By way of council resolution B38-2013 during the 2014 budget deliberations, Council approved an enhanced capital plan of approximately \$58.5 million. Of that amount, \$18.5 million was funded in 2014, \$10 million was funded in 2015 and 2016 with the remaining \$20 million to be funded by Pay- As-You-Go funding contributions from the operating budget in 2017 - 2018. The chart below identifies



which major categories the projects to be funded from 2017 - 2018 were distributed to.

<b>2014 Enhanced Plan to be Funded in Future Years</b>		<b>(\$ 000's)</b>
Community & Economic Development		1,000
Corporate Property Infrastructure		14,000
Transportation Infrastructure		5,000
<b>Total 2014 Enhanced Plan Funded in Future Years</b>		<b>20,000</b>

3. The remaining \$116.2 million in pre-commitments previously approved by Council in 2017 – 2020 are summarized below.

<b>Sewer Surcharge Pre-commitments</b>		<b>(\$ 000's)</b>
City portion of Clean Water Waste Water Grant Funding		2,863
2017 Capital project funding to allow for early tendering		11,750
Road Improvements		5,000
<b>Total Sewer Surcharge Funding Pre- Committed</b>		<b>19,613</b>

<b>Development Charges, Federal Gas Tax and Reserves</b>		<b>(\$ 000's)</b>
Malden Landfill Gas Migration		1,608
Roads		9,589
Transportation (committed for city portion of Public Transit Infrastructure Fund PTIF)		100
<b>Total Development Charges, Federal Gas Tax and Reserve Funding Pre-Committed</b>		<b>11,297</b>

<b>Other Pay As You Go Pre-Commitments</b>		<b>(\$ 000's)</b>
Roads		27,900
Sewers		960
Transportation (committed for city portion of PTIF Grant)		9,355
Corporate Property		14,860
Community & Economic Development		25,370
Parks and Recreation		6,868
<b>Total PAYG Funding Pre-Committed</b>		<b>85,312</b>

## Allocation of Capital Funding

The capital budget 5-year plan funding allocation of the \$548.1 (which includes funding for the pre-commitments noted above) is summarized in the table below.

Funding Allocation	5-Year Capital Plan						
	2013 & 2014 Enhanced	2017	2018	2019	2020	2021	TOTAL
		(\$ 000's)	(\$ 000's)	(\$ 000's)	(\$ 000's)	(\$ 000's)	(\$ 000's)
<b>Allocation of Available Funding - by Major Category:</b>							
Community & Economic Development	3,212	273	1,685	8,605	16,398	1,785	<b>31,958</b>
Corporate Property Infrastructure	33,432	6,288	8,372	12,876	6,019	10,501	<b>77,489</b>
Corporate Technology	5,167	1,365	1,480	5,532	2,259	6,616	<b>22,419</b>
Allocation to Reserves		3,210	3,210	3,210	3,210	3,210	<b>16,050</b>
Parks & Recreation	1,316	3,164	6,127	7,354	5,993	9,203	<b>33,157</b>
Roads	4,041	22,265	28,261	22,934	32,450	29,941	<b>139,893</b>
Sewers		36,621	27,187	27,166	20,071	23,057	<b>134,102</b>
Transportation Infrastructure	9,283	17,206	11,668	15,870	15,700	13,316	<b>83,042</b>
Unallocated Contingency						10,000	<b>10,000</b>
<b>Total Allocation of Available Funding</b>	<b>56,451</b>	<b>90,392</b>	<b>87,990</b>	<b>103,547</b>	<b>102,100</b>	<b>107,629</b>	<b>548,109</b>

Detailed listings of the 2017 to 2021 projects can be found starting on page 5 of the 2017 5-year Recommended Capital Budget book, with the exception of any in camera projects.

## Long Term Debt Considerations

Consistent with the very successful Pay-As-You-Go approach which has saved tens of millions of dollars in interest costs, the 5-year plan is funded from available funds without the use of any long term debt. Details of the City's long term debt projections are provided to Council as part of the 2017 Operating Budget document.

It is worth noting, that the City's consolidation long term debt currently stands at approximately \$92 million (projected for yearend 2016) and is expected to decrease to approximately \$62.4 million by 2020. These projections are made on the basis that

there is no issuance of new debt by the City or its consolidated Boards in the forecast period. Should additional long term debt be issued during this period it would change the long term debt projections. This is down from a peak of \$229 million in 2002. These dramatic decreases in long term debt have coincided with the largest capital programs in the City's history. It is estimated that debt levels would currently stand at approximately \$500 million had the City not adopted the current Pay-As-You-Go funding approach.

### **Public Consultation Process**

The 2017 Budget process provided the opportunity for public input at the beginning of the process on July 18, 2016. Additionally, public input can occur during budget deliberations which are currently scheduled for mid January 2017. The Ward meetings which commenced in September 2016 have also provided residents with the opportunity to ask questions and provide input relative their capital needs and priorities.

The 2017 Capital Budget documents are expected to be publicly available the week of December 12<sup>th</sup> and will be available for viewing in every branch of the Windsor Public Library and at City Hall (Office of the City Clerk & Office of the Chief Financial Officer), and on the City's web site.

### **Authority to Award Tenders**

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

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

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

### **Arts Endowment Placeholder**

During the 2016 Capital Budget deliberations a number of placeholder were approved by Council. One of the projects approved as a placeholder was an Arts Endowment fund for \$2 million dollars. The intention of the Arts Endowment is to set up a trust fund in 2017 which will earn interest. Given the funds for the Arts Endowment would not be funded until 2020 Administration has considered alternatives which would allow for the earlier funding of the project in 2017. This would allow the fund to begin generating interest revenues to be used for the intended purpose.

There are currently 3 previously approved placeholder projects for which funding will be available in 2017. However these projects are not expected to begin in 2017. These projects are Mitchell Park – Security Upgrades \$10,000; Riverfront \$1,690,000 and Fred Thomas Splash Pad \$300,000. Based on discussion with the respective departments it has been proposed that funding for these projects could be deferred thereby allowing the Arts Endowment trust to be set up in 2017. It is important to note that the realignment of the funding for the noted projects does not constitute the deferral or elimination of the projects it simply allows for the alignment of funding with anticipated cash outflows.

The requested change in funding for all four of these projects does not constitute approval to use the funds. As is the case with any enhanced placeholder project all four of these projects will be required to provide a report to Council on how the funding will be used and seek council approval to proceed. As with all enhanced placeholder projects any use of funding prior to the year in which the funding is available will require the inclusion of appropriate interest charges in the project budget.

### **Pollution Control Reserve Funds**

Pollution Control currently has three dedicated reserve funds; one for the Lou Romano Water Reclamation Plant (Fund 131), one for the Little River Pollution Control Plant (Fund 132) and one for the Pumping Stations (Fund 133). Annually, transfers are made from the Sewer Surcharge into each of these reserves, which are used for the replacement and refurbishment of assets at the respective facilities. The combined balance of these reserves has decreased from \$22.2 million in 2011 to \$4.9 million at present. Administration is recommending at this time the three existing reserves be closed and consolidated into one newly established reserve fund in order to facilitate their administration.

### **RISK ANALYSIS:**

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

- The only way to truly know the actual costs of the various projects is after the completion of the related tenders. Therefore, the primary risk at this time is that the actual costs of some of the projects will turn out to be greater than budgeted. This risk is likely to almost certain to occur and the consequences of such occurrences, based on past experience, would be expected to be moderate, classifying this as a significant risk.

Mitigation of this risk comes from three primary sources: the likelihood that some projects will come in under budget, thereby offsetting the overages; the cost estimates having been made based on experienced and professional judgment; the ability to free up funds from future year projects that have been approved only in principle.

- The risk that the funding stream projections over the 5-year planning horizon will not materialize to the full extent projected. This risk is likely to materialize but the seriousness of the consequences are expected to be low as most funding streams are known and under the control of the City itself. Therefore this can be classified as a moderate risk and can be mitigated by some of the same mitigating measures noted under the first risk above.
- There is also a risk, common to all Ontario municipalities, that the funding sources available to the municipality, notwithstanding significant increases over the last 10 years, are not sufficient to tackle the infrastructure deficit. This risk is considered likely to almost certain to occur and with the seriousness of the consequences being high, making this a critical risk (albeit a risk that nearly all municipalities face). While 20 year sustainable funding plans are being developed for city assets to be included in the 2018 Asset Management Plan mitigating strategies which will assist to reduce this risk include the recommended increase in the operational transfer to capital to help address inflationary challenges. It is noted that the recent Enterprise Risk Management exercise rated infrastructure deficiencies as the number one risk facing the municipality.

## **FINANCIAL MATTERS:**

Financial matters have been discussed throughout the report. The focus of the 5-year plan continues to be roads, sewers and related projects, with a total of \$274 million of funding being recommended for these types of projects.

Despite the increased investments in Capital over the last decade the City's infrastructure deficit is substantial and as reported in 2013 is just under \$1 billion. In a report brought to Council November 23, 2015 further analysis was specifically completed for the City's road network. The detailed analysis indicated that an increase in funding equivalent to 1% tax increase per year for four years would be needed simply to sustain the road network at a level where approximately 20% of roads would remain in Poor or Very Poor condition. To reduce that 20% to something closer to 7% would require funding equivalent to a .5% tax increase every year for 20 years.

At Council's direction the Asset Planning team has proceeded to develop similar 20 year sustainable funding models for the balance of our assets which make up over 80% of our total Tangible Asset Values. This information is expected to be completed by mid-2018 and included in the Financial Matters section of the 2018 Asset Management Plan. This information will provide additional information to Council to clearly define the relationship between funding level increases and the resulting impact on the levels of service and risk associated with our assets.

This work will also provide value and assist the City in meeting various requirements for grants as well as our federal gas tax funding. This information will also help to inform senior levels of government as to the level of long term sustainable funding required to order make a marked improvement in our infrastructure deficit.

In the interim and as previously noted in this report, Administration is recommending an increase in the 2017 operational budget transfer to capital of \$2M. Such approval would allow for an additional \$10M in funding over the five year period. This would assist with mitigating the ongoing reduction in purchasing power (resulting in fewer project being able to be funded) from normal inflationary project cost increases.

### **CONSULTATIONS:**

All City Departments (including Windsor Public Library and Transit Windsor) were asked to update 2017 to 2021 capital budget needs and to submit capital budget requests. The city's capital budget also includes projects for the Windsor Police Service and the Windsor Airport (YQG) and those organizations were also asked to do likewise. Given the significant capital budget in the Office of the City Engineer (more than 80% of the available capital budget funding), the City Engineer undertook a significant role with the Finance department in attempting to achieve balance and to address to the extent possible, the needs across all areas of the corporation and relevant Agencies, Boards and Committees with available funding.

### **CONCLUSION:**

The 2017 Capital Budget 5-Year Capital Plan, totalling \$548.1 million, is being recommended to Council consistent with directions previously received. As always, Council has the ability to reprioritize the recommended expenditures subject to the current total funding envelope and any funding source restrictions. Additionally, Council may choose to increase the funding dedicated to the capital budget in order to undertake additional priority projects as necessary.

### **PLANNING ACT MATTERS:**

N/A

### **APPROVALS:**

<b>Name</b>	<b>Title</b>
Victor Ferranti	Manager of Capital Budget & Reserves
Melissa Osborne	Senior Manager Asset Planning
Joe Mancina	Chief Financial Officer, City Treasurer

Name	Title
Onorio Colucci	Chief Administrative Officer

**NOTIFICATIONS:**

Name	Address	Email

**APPENDICES:**

- 1 Appendix A - 2017 - 2020 Additional Capital Funding Requests
- 2 Appendix B - 2017 to 2020 Changes to Previously Approved in Principle Projects

P/I/C	Page #	Department	Capital Budget Project ID	Major Category	Issue Description	Requested Increase	Amount Funded
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**Appendix A - 2017 - 2020 Additional Capital Funding Requests - Above Previously Approved in Principle**

Requested Project Increases Funded through PAYG							
P	132	Recreation	REC-003-07	Parks & Recreation	Municipal Pool Refurbishment Program	1,470,000	350,000
P	143	Recreation	REC-002-07	Parks & Recreation	Lakeview Park Marina Upgrades	100,000	100,000
P	182	Information Technology	ITC-005-07	Corporate Technology	Corporate Data and Network Security Initiatives	630,000	448,000
P	199	Human Resources	HRS-002-17	Corporate Property Infrastructure	Corporate Ergonomic Equipment	30,000	0
P	201	Human Resources	HRS-002-08	Corporate Property Infrastructure	Corporate Health & Safety Program - Assessments and Upgrades	27,250	0
P	204	Windsor Public Library	WPL-001-17	Corporate Property Infrastructure	Riverside and Seminole Branch Refurbishments	89,180	0
P	216	Engineering	ECP-041-07	Sewers	New Infrastructure Development - Oversizing Infrastructure (Developer related)	720,000	350,000
P	221	Engineering	ENG-006-17	Corporate Property Infrastructure	Windsor International Aquatic Training Centre - Capital Refurbishments	450,000	200,000
P	222	Engineering	ENG-007-17	Corporate Property Infrastructure	Facility Maintenance Equipment Program	200,000	0
P	224	Engineering	ENG-008-17	Corporate Property Infrastructure	Generator & Fuel Storage Upgrades	220,000	220,000
P	225	Engineering	ENG-009-17	Corporate Property Infrastructure	Festival Plaza - Facility Requirements	50,000	0
P	226	Engineering	ENG-010-17	Corporate Property Infrastructure	Capitol Theatre Capital Improvements	800,000	500,000
P	227	Engineering	ENG-011-17	Corporate Property Infrastructure	400 City Hall Square - Capital Repairs	100,000	100,000
P	228	Engineering	ENG-014-17	Corporate Property Infrastructure	Fire Alarm System Upgrade at WFCU	115,000	115,000
P	230	Engineering	HCP-002-07	Corporate Property Infrastructure	Corporate Facilities Roof Replacement Program	505,600	0
P	234	Engineering	HCP-005-08	Corporate Property Infrastructure	Corporate Facilities Paving Program	3,385,000	500,000
P	236	Engineering	HCP-010-07	Corporate Property Infrastructure	Willistead Complex Capital Improvements	120,000	0
P	240	Engineering	PFO-001-12	Corporate Property Infrastructure	Corporate Properties Security Systems & Infrastructure	445,000	0
P	243	Engineering	PFO-002-12	Corporate Property Infrastructure	Corporate Facility Maintenance Program - Structural Capital Repairs	50,000	0
P	244	Engineering	PFO-002-14	Corporate Property Infrastructure	Huron Lodge Facility Improvements	250,000	0
P	260	Engineering	REC-006-07	Corporate Property Infrastructure	Mackenzie Hall Repair & Maintenance	200,000	0
P	263	Public Works Operations	ECP-001-10	Sewers	Upper Little River Stormwater Management Plan & Implementation	200,000	200,000
P	267	Public Works Operations	ECP-003-07	Roads	Grand Marais Rd Infrastructure Improvements	400,000	400,000
P	268	Public Works Operations	ECP-003-08	Roads	Howard Ave South Corridor Infrastructure Improvements	5,050,000	0
P	276	Public Works Operations	ECP-005-07	Roads	Tecumseh Rd. E. Infrastructure Improvements	50,000	50,000
P	284	Public Works Operations	ECP-010-07	Roads	East Riverside Planning District Infrastructure Improvements	250,000	250,000
P	299	Public Works Operations	EDG-001-11	Roads	Lauzon Parkway & County Rd. 42 Infrastructure Improvements	2,500,000	0
P	306	Public Works Operations	ENG-002-17	Roads	Bus Bay Program	300,000	0
P	308	Public Works Operations	ENG-003-17	Roads	New Streetlights on Collectors & Arterials	200,000	0



P/I/C	Page #	Department	Capital Budget Project ID	Major Category	Issue Description	Requested Increase	Amount Funded
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**Appendix A - 2017 - 2020 Additional Capital Funding Requests - Above Previously Approved in Principle**

P	310	Public Works Operations	ENG-005-17	Roads	Central Box EA Road and Infrastructure Improvements	1,300,000	720,000
P	317	Public Works Operations	ENG-013-17	Sewers	Malden Landfill Gas Migration	2,608,000	2,608,000
P	333	Parks	PFO-007-11	Parks & Recreation	Tree Maintenance Backlog	5,615,000	0
P	340	Parks	PFO-002-15	Parks & Recreation	Accessible Playgrounds Program	5,500,000	0
P	343	Parks	PFO-003-17	Parks & Recreation	GPS Laser Line Painting Equipment	40,000	0
P	369	Public Works Operations	OPS-003-07	Roads	Bridge Rehabilitation Program	399,000	399,000
P	388	Public Works Operations	OPS-004-17	Corporate Technology	Monitoring Camera	50,000	50,000
P	398	Public Works Operations	OPS-001-17	Transportation Infrastructure	Fuel Site Equipment Replacement	318,270	20,000
P	401	Public Works Operations	OPS-002-17	Transportation Infrastructure	Fuel Site Improvements	132,000	0
P	414	Public Works Operations	OPS-005-16	Corporate Technology	Fleet Focus Web Modules	35,000	0
P	415	Public Works Operations	OPS-022-07	Transportation Infrastructure	Purchase of Additional Fleet Equipment	400,000	145,000
P	439	Public Works Operations	OPS-019-07	Transportation Infrastructure	New Parking Lot Development	300,000	300,000
P	457	Legal	LGL-001-17	Corporate Property Infrastructure	Former Marlborough Community Centre	50,000	0
P	458	Legal	LGL-002-17	Corporate Property Infrastructure	Demolition of Transitional Buildings	300,000	0
IC	459	Legal	LGL-003-17	Community & Economic Development	Confidential Property Related Matters	5,700,000	5,200,000
P	511	Windsor Airport	ECP-010-09	Transportation Infrastructure	Airport Various Asset Replacement/Refurbishments/Upgrades	3,763,000	1,848,000
P	61	Windsor Police Services	POL-001-11	Corporate Property Infrastructure	Windsor Police Service Collision Reporting Center - Expansion & Upgrades	500,000	0
P	85	Windsor Police Services	POL-007-17	Corporate Property Infrastructure	Windsor Police Service Patrol Line-up Room Modernization	500,000	0
IC	83	Windsor Police Services	POL-007-14	Corporate Property Infrastructure	Windsor Police Services - In Camera Item #9	125,000	125,000
P	89	Windsor Police Services	POL-009-17	Corporate Technology	Windsor Police Service Disaster Recovery Backup/Replication Site	100,000	100,000
IC	100	Windsor Police Services	POL-013-17	Corporate Property Infrastructure	Windsor Police Services - In Camera Item #16	50,000	0
P	102	Windsor Police Services	POL-014-17	Corporate Technology	Windsor Police Service Mobile Device Encryption-Laptops	100,000	0
IC	103	Windsor Police Services	POL-015-17	Corporate Property Infrastructure	Windsor Police Services - In Camera Item #17	160,000	160,000
P	104	Windsor Police Services	POL-016-17	Corporate Technology	Windsor Police Service Patrol Smartphone Mobile Data Phase 2	100,000	0
<b>Total Requested Project Increases Funded through PAYG</b>						<b>\$ 47,052,300</b>	<b>\$ 15,458,000</b>

**Requested Project Increases Funded through Corporate Reserves**

P	323	Engineering	ENV-001-08	Sewers	Lou Romano Water Reclamation Plant Capital Improvements	1,065,000	1,065,000
P	326	Engineering	ENV-002-08	Sewers	Little River Pollution Control Plan Capital Improvements	100,000	100,000

PIC	Page#	Department	Capital Budget Project ID	Major Category	Issue Description	Requested Increase	Amount Funded
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**Appendix A - 2017 - 2020 Additional Capital Funding Requests - Above Previously Approved in Principle**

P	329	Engineering	ENV-003-08	Sewers	Pumping Stations Capital Improvement	210,000	210,000
P	419	Public Works Operations	OPS-001-13	Transporation Infrastructure	Parking Equipment Replacement Program	366,000	366,000
P	152	Asset Planning	FIN-001-17	Corporate Technology	Asset Planning Service Design and Implementation	110,000	110,000
P	393	Parks	OPS-001-15	Parks & Recreation	Parks Equipment Replacement Program	12,000	12,000
P	437	Public Works Operations	OPS-018-07	Transporation Infrastructure	Parking Garage Capital Improvements	1,250,000	1,250,000
P	440	Public Works Operations	OPS-020-07	Transporation Infrastructure	Parking Lot Rehabilitation Program	350,000	350,000
P	443	Legal	FRS-002-17	Corporate Property Infrastructure	Portable Restroom for Fire & Rescue (on scene)	20,000	20,000
P	291	Engineering	ECP-028-07	Sewers	Grand Marais Drain Capital Improvements (Existing Naturalized Channel)	470,000	470,000
P	292	Engineering	ECP-030-07	Sewers	Riverside Flood Abatement Initiatives - Capital Improvements to Existing Trunk	500,000	500,000
P	309	Engineering	ENG-004-17	Sewers	East Marsh Drain Study	150,000	150,000
P	290	Engineering	ECP-023-07	Sewers	Parent Ave./McDougall Ave. Storm Sewer Engineering	2,730,000	0
<b>Total Requested Project Increases Funded through Corporate Reserves</b>						<b>\$ 7,333,000</b>	<b>\$ 4,603,000</b>

Requested Project Increases for Grants							
P	478	Transit Windsor	TRN-005-17	Transporation Infrastructure	Transit Windsor Service Delivery Review and Project Management	275,000	275,000
P	479	Transit Windsor	TRN-008-17	Transporation Infrastructure	Transit Windsor Farebox Upgrades	20,000	20,000
P	488	Transit Windsor	TRN-010-17	Transporation Infrastructure	Acquisition of 40' Clean Diesel Buses	6,247,392	6,247,392
P	489	Transit Windsor	TRN-011-17	Transporation Infrastructure	Implementation of Hybrid Bus Refurbishing Program	600,000	600,000
P	490	Transit Windsor	TRN-012-17	Transporation Infrastructure	Rehabilitation of Concrete Surfaces/Drains in Fuelling and Cleaning Area of Garage	5,000	5,000
P	491	Transit Windsor	TRN-013-17	Transporation Infrastructure	Rehabilitation of Concrete Surfaces Throughout Garage	50,000	50,000
P	492	Transit Windsor	TRN-014-17	Transporation Infrastructure	Replacement of 3 High-Speed Doors in Maintenance Garage	45,000	45,000
P	493	Transit Windsor	TRN-017-17	Transporation Infrastructure	Installation of Exhaust Unit for Improved Ventilation at Main Transit Terminal	375,000	375,000
P	494	Transit Windsor	TRN-018-17	Transporation Infrastructure	Acquisition of Commerical Grade Floor Sweeper	42,500	42,500
P	495	Transit Windsor	TRN-019-17	Transporation Infrastructure	Acquisition of Commerical Grade Parts Washer	37,500	37,500
P	496	Transit Windsor	TRN-021-17	Transporation Infrastructure	Acquisition of Fleet Inspection Equipment to Support the Bus Rehabilitation	387,500	387,500
P	499	Transit Windsor	TRN-002-17	Corporate Property Infrastructure	Transit Windsor - Safety Assessment	180,000	180,000
P	501	Transit Windsor	TRN-003-17	Transporation Infrastructure	Transit Windsor West End Terminal	100,000	100,000
P	507	Transit Windsor	TRN-020-17	Transporation Infrastructure	Renovations & Enhancements to the Transporation Services Area	100,000	100,000
P	508	Transit Windsor	TRN-009-17	Transporation Infrastructure	Restoration of Multiple Transit Windsor Pedestrian Shelters	480,000	480,000

P/C	Page #	Department	Capital Budget Project ID	Major Category	Issue Description	Requested Increase	Amount Funded
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Appendix A - 2017 - 2020 Additional Capital Funding Requests - Above Previously Approved in Principle

P	509	Transit Windsor	TRN-015-17	Transportation Infrastructure	Expansion of Customer Service Parking to Support Increased Demand	10,000	10,000
P	510	Transit Windsor	TRN-016-17	Transportation Infrastructure	Renovations & Enhancements to the Customer Services Area	20,000	20,000
P	384	Public Works Operations	OPS-019-17	Sewers	Storm & Waste Data Acquisition	282,500	282,500
P	385	Public Works Operations	OPS-023-17	Sewers	South National Relining	187,500	187,500
P	386	Public Works Operations	OPS-024-17	Sewers	Rossini Street Relining	35,000	35,000
P	379	Public Works Operations	OPS-006-07	Roads	At Grade Railway Crossing Capital Improvements	160,000	160,000
P	387	Public Works Operations	OPS-025-17	Sewers	Storm Extension to Railway at College and Crawford	125,661	125,661
P	313	Engineering	ENG-015-17	Sewers	Sewer Rehabilitation - Mount Carmel - Cabana to Lennon Drain	500,000	500,000
P	314	Engineering	ENG-016-17	Sewers	Campbell/University Area Storm Drainage - EA/Master Plan	100,000	100,000
P	315	Engineering	ENG-012-17	Sewers	ESR for Riverfront CSO Downstream of CHM Woods Pump Station	150,000	150,000
P	318	Engineering	ENG-017-17	Sewers	Pontiac Pumping Station - Capacity Study	62,500	62,500
P	319	Engineering	ENG-018-17	Sewers	St. Paul Pumping Station - Capacity Study	62,500	62,500
P	320	Engineering	ENG-020-17	Sewers	LRWRP Dry Well Reliability Issues	87,500	87,500
P	321	Engineering	ENG-021-17	Sewers	Maplewood Pumping Station - Odour Control System	137,500	137,500
P	322	Engineering	ENG-022-17	Sewers	LRWRP Back Wash Tanks	187,500	187,500
<b>Total Requested Project Increases for Grants</b>						<b>\$ 11,053,053</b>	<b>\$ 11,053,053</b>
<b>Total Requested Project Increases</b>						<b>\$ 65,438,353</b>	<b>\$ 31,114,053</b>

APPENDIX B



PIC	Page #	Decrease
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2017 - 2020 Capital Funding Reductions from Previously Approved in Principle

Project Funding Decreases (PAYG)			
P	109	HCS-001-07 Social Housing Reserve Fund	(11,502)
P	223	ENG-008-15 400 City Hall Square Workplace Reconfiguration	(113,000)
P	230	HCP-002-07 Corporate Facilities Roof Replacement Program	(20,100)
	N/A	ENV-008-10 Southwood Lakes Shoreline Restoration -no additional funding for project therefore no longer in book	(1,500,000)
	N/A	REC-003-14 East End Community Pool - no further funding required, project removed therefore no longer in book	(2,250,000)
P	214	ECP-012-07 South Cameron/South Windsor Planning District Infrastructure Improvements	(210,000)
P	246	PFO-003-13 Art Gallery of Windsor Capital Improvements	(460,000)
P	287	ECP-016-07 The Riverside Drive Vista Improvement	(2,360,000)
			<b>\$ (6,924,602)</b>
Project Funding Decreases (Corporate Reserves)			
P	402	OPS-005-08 Corporate Fleet Replacement Program	(1,125,750)
P	357	OPS-001-07 Road Rehabilitation - Various Locations Program	(415,000)
P	440	OPS-020-07 Parking Lot Rehabilitation Program	(250,000)
P	389	FRS-001-07 Fire & Rescue First Response Vehicle Replacement Program	(22,500)
P	446	FRS-004-06 Fire & Rescue Apparatus Technology-aided Solutions	(20,000)
P	474	TRN-003-07 Transit Windsor Customer Service Improvements	(80,000)
			<b>\$ (1,913,250)</b>
Total Project Reductions and Eliminations of previously approved in principle projects			<b>\$ (8,837,852)</b>

# **2017 Recommended Capital Budget**



## **Section B:**

### **Summary of 5 – Year Capital Budget**

**Summary of Capital Budget Funding Sources and Expenditures (\$ 000's)**  
for Budget Year 2017 (5-Year Capital Plan)

Year		Internal Pay As You Go			Corporate Reserves/Projects			External Sources				Total
		Pay As You Go Operating Budget	Pay As You Go Sewer Surcharge	Pay As You Go Debt Reduction	Capital Expenditure Reserve	Development Charges Reserves	Other Reserves	Federal Fuel Tax Funding	Infrastructure Stimulus Funding (ISF)	Recreation Infrastructure Funding (RinC)	Third-Party Recoveries	
2017	Funding Available	19,455	21,600	32,100	3,000	7,618	12,399	13,049	-	-	19,812	129,032
	Less: Funding allocated to Pre-Commitments	-	11,750	2,630	-	6,488	1,608	449	-	-	-	22,925
	Less: Funding allocated to Prior Years' Commitments	10,500	-	28,140	-	-	-	-	-	-	-	38,640
	Less: Funding allocated to <i>Recommended</i> Expenditures	8,955	9,850	1,330	3,000	1,130	10,791	12,600	-	-	19,812	67,467
	Funding Surplus/(Deficit)	-	-	-	-	-	-	-	-	-	-	-
2018	Funding Available	19,455	21,600	32,100	3,000	3,158	10,678	13,434	-	-	2,377	105,801
	Less: Funding allocated to Pre-Commitments	-	2,863	23,660	-	2,203	-	-	-	-	-	28,726
	Less: Funding allocated to Prior Years' Commitments	10,000	-	7,811	-	-	-	-	-	-	-	17,811
	Less: Funding allocated to <i>Recommended</i> Expenditures	9,455	18,737	629	3,000	955	10,678	13,434	-	-	2,377	59,264
	Funding Surplus/(Deficit)	-	-	-	-	-	-	-	-	-	-	-
2019	Funding Available	19,455	21,600	32,100	3,000	835	11,788	13,434	-	-	1,335	103,547
	Less: Funding allocated to Pre-Commitments	-	-	22,399	-	335	-	-	-	-	-	22,734
	Less: Funding allocated to Prior Years' Commitments	-	-	-	-	-	-	-	-	-	-	-
	Less: Funding allocated to <i>Recommended</i> Expenditures	19,455	21,600	9,701	3,000	500	11,788	13,434	-	-	1,335	80,813
	Funding Surplus/(Deficit)	-	-	-	-	-	-	-	-	-	-	-
2020	Funding Available	19,455	21,600	32,100	3,000	2,555	8,991	13,434	-	-	966	102,100
	Less: Funding allocated to Pre-Commitments	-	2,120	27,400	-	195	-	-	-	-	-	29,715
	Less: Funding allocated to Prior Years' Commitments	-	-	-	-	-	-	-	-	-	-	-
	Less: Funding allocated to <i>Recommended</i> Expenditures	19,455	19,480	4,700	3,000	2,360	8,991	13,434	-	-	966	72,385
	Funding Surplus/(Deficit)	-	-	-	-	-	-	-	-	-	-	-
2021	Funding Available	19,455	21,600	32,100	3,000	2,540	14,893	13,434	-	-	606	107,628
	Less: Funding allocated to Pre-Commitments	-	2,881	9,224	-	20	-	-	-	-	-	12,125
	Less: Funding allocated to Prior Years' Commitments	-	-	-	-	-	-	-	-	-	-	-
	Less: Funding allocated to <i>Recommended</i> Expenditures	9,455	18,719	22,876	3,000	2,520	14,893	13,434	-	-	606	85,504
	Funding Surplus/(Deficit)	10,000	-	-	-	-	-	-	-	-	-	10,000

**City of Windsor**  
**Summary of Capital Budget Funding and Expenditures (000's)**  
*for Budget Year 2017 (5-Year Capital Plan)*

Funding Allocation											TOTAL 2017 - 2021	
	2017	% of Budget	2018	% of Budget	2019	% of Budget	2020	% of Budget	2021	% of Budget	(\$ 000's)	% of Budget
<b>Total Funding Allocated to New Recommendations</b>	<b>67,467</b>	<b>75%</b>	<b>59,264</b>	<b>67%</b>	<b>80,813</b>	<b>78%</b>	<b>72,385</b>	<b>71%</b>	<b>85,504</b>	<b>88%</b>	<b>365,433</b>	<b>76%</b>
<b>Total Funding Allocated to Pre-Commitments</b>	<b>22,925</b>	<b>25%</b>	<b>28,726</b>	<b>33%</b>	<b>22,734</b>	<b>22%</b>	<b>29,715</b>	<b>29%</b>	<b>12,125</b>	<b>12%</b>	<b>116,225</b>	<b>24%</b>
<b>Total Funding Available</b>	<b>90,392</b>	<b>100%</b>	<b>87,990</b>	<b>100%</b>	<b>103,547</b>	<b>100%</b>	<b>102,100</b>	<b>100%</b>	<b>97,629</b>	<b>100%</b>	<b>481,658</b>	<b>100%</b>
<b>Allocation of Funding Available by Major Category</b>												
Community & Economic Development	273	0%	1,685	2%	8,605	8%	16,398	16%	1,785	2%	<b>28,746</b>	6%
Corporate Property Infrastructure	6,288	7%	8,372	10%	12,876	12%	6,019	6%	10,501	11%	<b>44,057</b>	9%
Corporate Technology	1,365	2%	1,480	2%	5,532	5%	2,259	2%	6,616	7%	<b>17,252</b>	4%
Capital Reserve Replenishment	3,210	4%	3,210	4%	3,210	3%	3,210	3%	3,210	3%	<b>16,050</b>	3%
Parks & Recreation	3,164	4%	6,127	7%	7,354	7%	5,993	6%	9,203	9%	<b>31,841</b>	7%
Roads	22,265	25%	28,261	32%	22,934	22%	32,450	32%	29,941	31%	<b>135,852</b>	28%
Sewers	36,621	41%	27,187	31%	27,166	26%	20,071	20%	23,057	24%	<b>134,102</b>	28%
Transportation Infrastructure	17,206	19%	11,668	13%	15,870	15%	15,700	15%	13,316	14%	<b>73,759</b>	15%
<b>Total Allocation of Funding Available by Major Category</b>	<b>90,392</b>	<b>100%</b>	<b>87,990</b>	<b>100%</b>	<b>103,547</b>	<b>100%</b>	<b>102,100</b>	<b>100%</b>	<b>97,629</b>	<b>100%</b>	<b>481,658</b>	<b>100%</b>
<b>Funding Allocated to Prior Year Commitments (2013 &amp; 2014 Enhanced)</b>												
Community & Economic Development	2,237	6%	974	5%							<b>3,211</b>	6%
Corporate Property Infrastructure	22,268	58%	11,164	63%							<b>33,432</b>	59%
Corporate Technology	4,060	11%	1,107	6%							<b>5,167</b>	9%
Capital Reserve Replenishment		0%		0%							-	0%
Parks & Recreation	1,034	3%	282	2%							<b>1,316</b>	2%
Roads	3,175	8%	866	5%							<b>4,041</b>	7%
Sewers		0%		0%							-	0%
Transportation Infrastructure	5,866	15%	3,418	19%							<b>9,284</b>	16%
<b>Total Funds Allocated to Prior Year Commitments</b>	<b>38,640</b>	<b>100%</b>	<b>17,811</b>	<b>100%</b>	-		-		-		<b>56,451</b>	<b>100%</b>
Unallocated Capital Funding									10,000		10,000	
<b>Total Annual Funding Allocated</b>	<b>129,032</b>		<b>105,801</b>		<b>103,547</b>		<b>102,100</b>		<b>107,629</b>		<b>548,109</b>	

# **2017 Recommended Capital Budget**



## **Section C:**

### **5 – Year Capital Project Listing by Major Category**



**City Of Windsor**  
**Capital Project Listing By Major Category (Gross)**  
for Budget Year 2017 (5-Year Plan)

Pg #	Project #	Project Name	Major Category	2017	2018	2019	2020	2021	Total
106	MAY-001-16	Arts Endowment Placeholder	Community & Economic Development	0	0	0	2,000,000	0	2,000,000
107	MAY-002-16	Environmentally Significant Lands Acquisition Placeholder	Community & Economic Development	0	0	0	1,500,000	0	1,500,000
127	HLD-002-17	Huron Lodge Resident Services Equipment Replacement	Community & Economic Development	0	0	0	0	124,500	124,500
139	REC-003-16	Windsor (125th) & Canada (150th) Birthday Celebrations	Community & Economic Development	85,000	0	0	0	0	85,000
146	CAO-001-16	City Contribution for Transfer of P. Martin Bldg. to University of Windsor	Community & Economic Development	0	0	7,500,000	7,500,000	0	15,000,000
160	FIN-001-14	Development Charges Study and Bylaw Update	Community & Economic Development	0	0	40,000	40,000	0	80,000
148	FIN-006-16	(Legislated) Liability for Contaminated Sites	Community & Economic Development	0	0	0	0	0	0
161	FIN-007-16	Ward Funds	Community & Economic Development	0	0	0	400,000	0	400,000
203	WPL-001-14	Windsor Public Library Mobile Unit/Materials Acquisition	Community & Economic Development	100,000	175,000	175,000	150,000	150,000	750,000
212	ECP-009-08	Corporate Properties Site Assessments/Clean-ups/Demolitions	Community & Economic Development	0	0	0	200,000	200,000	400,000
459	LGL-003-17	Confidential Property Related Matters - In-Camera Items	Community & Economic Development	0	1,000,000	100,000	4,100,000	500,000	5,700,000
466	PLN-005-07	Planning & Building E-Plan & E-Permit Review and Implementation	Community & Economic Development	88,000	210,000	10,000	0	0	308,000
462	PLN-007-07	Growth Management Plan Review and Implementation	Community & Economic Development	0	0	100,000	0	0	100,000
463	PLN-008-07	"Green Windsor" Protection and Funding Strategy	Community & Economic Development	0	0	80,000	0	0	80,000
464	PLN-010-07	Heritage Preservation Study and Identification of Incentives	Community & Economic Development	0	150,000	0	0	435,000	585,000
468	PLN-012-07	City Centre Community Development Plan	Community & Economic Development	0	0	0	0	0	0
465	PLN-017-07	Business Improvement Area Assistance Program	Community & Economic Development	0	150,000	0	150,000	0	300,000
470	PLN-018-07	Neighbourhood Studies and Design Guidelines	Community & Economic Development	0	0	100,000	100,000	25,000	225,000
471	PLN-021-07	City Hall Square and Civic Esplanade	Community & Economic Development	0	0	500,000	258,000	300,000	1,058,000
461	PBG-002-14	Ontario's Investment Ready Certified Sites Program - Airport Cargo Hub West	Community & Economic Development	0	0	0	0	50,000	50,000
<b>Community &amp; Economic Development Total</b>				<b>273,000</b>	<b>1,685,000</b>	<b>8,605,000</b>	<b>16,398,000</b>	<b>1,784,500</b>	<b>28,745,500</b>

**City Of Windsor**  
**Capital Project Listing By Major Category (Gross)**  
for Budget Year 2017 (5-Year Plan)

Pg #	Project #	Project Name	Major Category	2017	2018	2019	2020	2021	Total
61	POL-001-11	Windsor Police Service Collision Reporting Centre - Expansion and Upgrades	Corporate Property Infrastructure	500,000	200,000	0	0	0	700,000
65	POL-002-14	Windsor Police Service Training Classroom Table & Chair Replacement	Corporate Property Infrastructure	65,000	0	0	0	0	65,000
69	POL-003-14	Windsor Police Service - In-camera Item #3	Corporate Property Infrastructure	0	0	0	100,000	0	100,000
75	POL-005-14	Windsor Police Service E911 Centre Workstation Replacement	Corporate Property Infrastructure	0	0	0	50,000	0	50,000
83	POL-007-14	Windsor Police Service - In-camera Item #9	Corporate Property Infrastructure	125,000	220,000	155,000	125,000	125,000	750,000
90	POL-010-14	Windsor Police Service - In-camera Item #12	Corporate Property Infrastructure	0	0	0	0	1,000,000	1,000,000
97	POL-013-14	Windsor Police Service - In-camera Item #15	Corporate Property Infrastructure	0	200,000	0	0	0	200,000
73	POL-004-16	Windsor Police Service - In-camera Item #6	Corporate Property Infrastructure	0	50,000	50,000	50,000	0	150,000
76	POL-005-16	Windsor Police Service Renovations/AODA Compliance	Corporate Property Infrastructure	140,000	0	0	0	0	140,000
95	POL-012-16	Windsor Police Service Indoor Training Range Upgrades	Corporate Property Infrastructure	0	0	0	0	0	0
98	POL-013-16	Windsor Police Service Outdoor Training Range Upgrades	Corporate Property Infrastructure	0	0	0	0	0	0
64	POL-001-17	Windsor Police Service - In-camera Item #1	Corporate Property Infrastructure	0	0	0	0	75,000	75,000
68	POL-002-17	Windsor Police Service - In-camera Item #2	Corporate Property Infrastructure	0	0	0	0	75,000	75,000
71	POL-003-17	Windsor Police Service - In-camera Item #4	Corporate Property Infrastructure	0	0	0	0	100,000	100,000
74	POL-004-17	Windsor Police Service - In-camera Item #7	Corporate Property Infrastructure	0	0	0	0	75,000	75,000
77	POL-005-17	Windsor Police Service - In-camera Item #8	Corporate Property Infrastructure	0	0	0	0	85,000	85,000
80	POL-006-17	Windsor Police Service Operations Centre (WPSOC)	Corporate Property Infrastructure	0	0	0	0	250,000	250,000
85	POL-007-17	Windsor Police Service Patrol Line-up Room Modernization	Corporate Property Infrastructure	0	0	0	0	0	0
87	POL-008-17	Windsor Police Service CRISIS Negotiator Unit (life-cycle replacement)	Corporate Property Infrastructure	0	0	0	0	60,000	60,000
92	POL-010-17	Windsor Police Service - In-camera Item #13	Corporate Property Infrastructure	0	0	0	0	75,000	75,000
94	POL-011-17	Windsor Police Service - In-camera Item #14	Corporate Property Infrastructure	0	0	0	0	0	0
96	POL-012-17	Windsor Police Service Physical Readiness & Preparedness Centre	Corporate Property Infrastructure	0	0	0	0	0	0
100	POL-013-17	Windsor Police Service - In-camera Item #16	Corporate Property Infrastructure	0	0	0	0	0	0
103	POL-015-17	Windsor Police Service - In-camera Item #17	Corporate Property Infrastructure	0	0	0	160,000	0	160,000
109	HCS-001-07	Social Housing Reserve Fund	Corporate Property Infrastructure	0	0	2,000,000	0	0	2,000,000
112	HCS-001-14	Windsor Essex Community Housing Corporation Placeholder	Corporate Property Infrastructure	0	2,234,000	0	0	0	2,234,000
116	HLD-001-12	Huron Lodge Nursing Equipment Replacement Program	Corporate Property Infrastructure	0	0	150,000	150,000	150,000	450,000
126	HLD-002-12	Huron Lodge Cooking and Food Preparation Equipment Replacement Program	Corporate Property Infrastructure	0	40,000	40,000	0	40,000	120,000
125	HLD-001-13	Huron Lodge Beds/Mattresses/Furniture Replacement Program	Corporate Property Infrastructure	0	0	250,000	100,000	100,000	450,000
117	HLD-001-15	Huron Lodge Ceiling Mounted Resident Lift Replacement Program	Corporate Property Infrastructure	0	0	115,000	200,000	200,000	515,000
121	HLD-003-15	Huron Lodge Dish Machines and Industrial Kitchen Equipment Replacement	Corporate Property Infrastructure	0	80,000	95,000	0	110,000	285,000

**City Of Windsor**  
**Capital Project Listing By Major Category (Gross)**  
for Budget Year 2017 (5-Year Plan)

Pg #	Project #	Project Name	Major Category	2017	2018	2019	2020	2021	Total
122	HLD-004-15	Huron Lodge Refrigeration and Freezer Equipment Replacement	Corporate Property Infrastructure	0	80,000	0	0	0	80,000
119	HLD-001-17	Huron Lodge Dietary Servery Updates and Equipment Replacement	Corporate Property Infrastructure	0	0	0	0	35,000	35,000
140	HCP-011-07	Willistead Complex Restoration Improvements	Corporate Property Infrastructure	0	0	0	100,000	0	100,000
154	FIN-003-14	Energy Efficiency Engineering Studies for Arenas	Corporate Property Infrastructure	0	0	200,000	0	0	200,000
151	FIN-001-15	Sub-Metering - Energy Cost Savings Initiative	Corporate Property Infrastructure	0	0	0	0	150,000	150,000
153	FIN-002-15	Corporate Wide Facilities LED Conversion	Corporate Property Infrastructure	0	0	1,200,000	0	0	1,200,000
155	FIN-003-15	Corporate Wide Facilities Lighting Sensors and Timers	Corporate Property Infrastructure	0	55,000	0	5,000	0	60,000
156	FIN-004-15	400 City Hall Square Energy Efficiency Upgrades	Corporate Property Infrastructure	0	0	0	0	100,000	100,000
158	FIN-006-15	Transit Windsor Installation of NOx and CO Sensors	Corporate Property Infrastructure	0	60,000	0	2,000	0	62,000
159	FIN-007-15	Huron Lodge Energy Efficiency Initiatives - LED/Sub-Metering/HVAC Upgrades	Corporate Property Infrastructure	0	0	0	0	50,000	50,000
192	HCP-001-07	Accessibility - AODA Compliance	Corporate Property Infrastructure	0	0	0	100,000	100,000	200,000
201	HRS-002-08	Corporate Health and Safety Program - Assessments and Upgrades	Corporate Property Infrastructure	10,000	10,000	10,000	10,000	10,000	50,000
194	HRS-002-09	Accessibility - AODA Standard Training, Materials and Outreach	Corporate Property Infrastructure	51,500	0	0	74,500	0	126,000
199	HRS-002-17	Corporate Ergonomic Equipment	Corporate Property Infrastructure	0	0	0	0	0	0
207	WPL-009-11	Windsor Public Library Facility Refurbishments	Corporate Property Infrastructure	46,200	0	0	0	45,500	91,700
204	WPL-001-17	Riverside and Seminole Branch Refurbishments	Corporate Property Infrastructure	0	0	0	0	25,844	25,844
230	HCP-002-07	Corporate Facilities Roof Replacement Program	Corporate Property Infrastructure	1,293,800	471,100	415,400	1,330,500	410,000	3,920,800
237	OPS-007-07	Operations Facilities Improvements	Corporate Property Infrastructure	75,000	25,000	25,000	25,000	25,000	175,000
239	OPS-011-07	Traffic Operations Facilities Upgrades	Corporate Property Infrastructure	0	0	0	0	0	0
253	PFO-014-07	Corporate Facilities Health & Safety Compliance Upgrades	Corporate Property Infrastructure	150,000	150,000	100,000	100,000	100,000	600,000
257	REC-005-07	Corporate Arena Refurbishments	Corporate Property Infrastructure	280,000	250,000	250,000	280,000	250,000	1,310,000
260	REC-006-07	Mackenzie Hall Repair and Maintenance	Corporate Property Infrastructure	0	0	0	0	0	0
234	HCP-005-08	Corporate Facilities Paving Program	Corporate Property Infrastructure	600,000	100,000	100,000	100,000	100,000	1,000,000
233	HCP-002-09	Fire Hall Capital Refurbishment Program	Corporate Property Infrastructure	150,000	150,000	150,000	150,000	150,000	750,000
229	HCP-001-10	Corporate Facilities Water Backflow Prevention Program	Corporate Property Infrastructure	0	0	0	300,000	0	300,000
245	PFO-003-11	Corporate Designated Substance Remediation Program	Corporate Property Infrastructure	100,000	100,000	100,000	0	0	300,000
250	PFO-009-11	Corporate Heating & Cooling Replacement/Repair Program	Corporate Property Infrastructure	190,000	450,000	500,000	500,000	100,000	1,740,000
252	PFO-010-11	Corporate Facilities Flooring and Finishes Replacement Program	Corporate Property Infrastructure	100,000	100,000	260,000	100,000	100,000	660,000
236	HCP-010-07	Willistead Complex Capital Improvements	Corporate Property Infrastructure	750,000	0	0	0	0	750,000
240	PFO-001-12	Corporate Properties Security Systems and Infrastructure	Corporate Property Infrastructure	50,000	50,000	50,000	50,000	75,000	275,000
243	PFO-002-12	Corporate Facility Maintenance Program - Structural Capital Repairs	Corporate Property Infrastructure	0	50,000	100,000	50,000	50,000	250,000
248	PFO-004-12	Corporate Facilities Building Condition Assessments	Corporate Property Infrastructure	0	0	50,000	50,000	50,000	150,000

**City Of Windsor**  
**Capital Project Listing By Major Category (Gross)**  
for Budget Year 2017 (5-Year Plan)

Pg #	Project #	Project Name	Major Category	2017	2018	2019	2020	2021	Total
209	ECP-001-13	New Fire Hall Station #6 & Emergency Operations Centre (EOC)	Corporate Property Infrastructure	636,516	1,247,160	2,448,064	0	0	4,331,740
246	PFO-003-13	Art Gallery of Windsor Capital Improvements	Corporate Property Infrastructure	0	1,320,000	125,000	125,000	125,000	1,695,000
217	ENG-002-14	Festival Plaza Retaining Wall - Design & Construction	Corporate Property Infrastructure	0	0	675,000	675,000	0	1,350,000
242	PFO-001-15	Huron Lodge Miscellaneous Equipment Replacement	Corporate Property Infrastructure	0	0	60,000	175,000	0	235,000
244	PFO-002-14	Huron Lodge Facility Improvements	Corporate Property Infrastructure	250,000	0	0	0	0	250,000
247	PFO-003-14	Corporate Facilities Boiler Replacement Program	Corporate Property Infrastructure	0	55,000	89,500	0	0	144,500
249	PFO-004-14	Facilities Operations Business Process Improvements	Corporate Property Infrastructure	0	0	0	50,000	0	50,000
211	ECP-001-16	New City Hall Construction	Corporate Property Infrastructure	0	0	2,500,000	0	4,850,000	7,350,000
218	ENG-004-16	Corporate Facilities Access Protocols	Corporate Property Infrastructure	150,000	150,000	150,000	50,000	0	500,000
223	ENG-008-16	400 City Hall Square Workplace Reconfiguration	Corporate Property Infrastructure	0	0	38,000	162,000	0	200,000
221	ENG-006-17	Windsor Internation Aquatic Training Centre – Capital Refurbishments	Corporate Property Infrastructure	0	0	200,000	0	0	200,000
222	ENG-007-17	Facility Maintenance Equipment Program	Corporate Property Infrastructure	0	0	0	0	0	0
224	ENG-008-17	Generator & Fuel Storage Upgrades	Corporate Property Infrastructure	0	175,000	45,000	0	0	220,000
225	ENG-009-17	Festival Plaza - Facility Requirements	Corporate Property Infrastructure	0	0	0	0	0	0
226	ENG-010-17	Capitol Theatre Capital Improvements	Corporate Property Infrastructure	0	0	0	500,000	0	500,000
227	ENG-011-17	400 City Hall Square - Capital Repairs	Corporate Property Infrastructure	100,000	0	0	0	0	100,000
228	ENG-014-17	Fire Alarm System Upgrade at the WFCU Centre	Corporate Property Infrastructure	115,000	0	0	0	0	115,000
454	FRS-004-07	Breathing Apparatus Replacement	Corporate Property Infrastructure	0	300,000	0	0	0	300,000
444	FRS-003-13	New Fire Headquarters - Station #1	Corporate Property Infrastructure	0	0	0	0	1,000,000	1,000,000
451	FRS-002-16	Fire Engine Portable Hoists	Corporate Property Infrastructure	0	0	0	0	80,000	80,000
453	FRS-003-16	Fire Education Materials, Displays & Equipment	Corporate Property Infrastructure	0	0	0	20,000	0	20,000
443	FRS-002-17	Portable Restroom for Fire & Rescue (on scene)	Corporate Property Infrastructure	20,000	0	0	0	0	20,000
455	ENG-005-16	2437 Howard Ave. Improvements Placeholder	Corporate Property Infrastructure	250,000	0	0	0	0	250,000
457	LGL-001-17	Former Marlborough Community Centre	Corporate Property Infrastructure	0	0	0	0	0	0
458	LGL-002-17	Demolition of Transitional Buildings	Corporate Property Infrastructure	0	0	0	0	0	0
497	TRN-001-17	Transit Windsor - Building Maintenance	Corporate Property Infrastructure	0	0	0	0	0	0
499	TRN-002-17	Transit Maintenance - Safety Assessment at Transit Windsor Property	Corporate Property Infrastructure	90,000	0	180,000	0	0	270,000
<b>Corporate Property Infrastructure Total</b>				<b>6,288,016</b>	<b>8,372,260</b>	<b>12,875,964</b>	<b>6,019,000</b>	<b>10,501,344</b>	<b>44,056,584</b>

**City Of Windsor**  
**Capital Project Listing By Major Category (Gross)**  
for Budget Year 2017 (5-Year Plan)

Pg #	Project #	Project Name	Major Category	2017	2018	2019	2020	2021	Total
78	POL-006-13	Windsor Police Service Network Infrastructure Upgrades	Corporate Technology	0	0	150,000	0	0	150,000
81	POL-007-13	Windsor Police Service Business Intelligence Technology and Processes Improvements	Corporate Technology	0	0	0	0	500,000	500,000
79	POL-006-14	Windsor Police Service 911 VoIP Upgrades	Corporate Technology	200,000	0	0	0	0	200,000
66	POL-002-15	Windsor Police Service Next Generation 911 Infrastructure Upgrades	Corporate Technology	0	150,000	50,000	50,000	50,000	300,000
72	POL-004-15	Windsor Police Service - In-camera Item #5	Corporate Technology	100,000	100,000	0	0	0	200,000
63	POL-001-16	Windsor Police Service E911 Voice Logger System Upgrades/Replacement	Corporate Technology	0	0	0	150,000	0	150,000
67	POL-002-16	Windsor Police Service Backup E911 Centre Upgrades	Corporate Technology	0	0	0	100,000	0	100,000
70	POL-003-16	Windsor Police Service Microsoft Office Software Upgrades	Corporate Technology	75,000	0	0	0	0	75,000
84	POL-007-16	Windsor Police Service - In-camera Item #10	Corporate Technology	0	180,000	0	0	0	180,000
86	POL-008-16	Windsor Police Service - In-camera Item #11	Corporate Technology	0	0	100,000	0	0	100,000
88	POL-009-16	Windsor Police Service Internet Child Anti-Exploitation Initiatives	Corporate Technology	0	0	100,000	0	0	100,000
91	POL-010-16	Windsor Police Service Mobile Technology Initiatives	Corporate Technology	0	0	70,000	0	0	70,000
93	POL-011-16	Windsor Police Service Mobile Occurrence/Scene Documentation Application	Corporate Technology	0	0	150,000	0	0	150,000
101	POL-014-16	Windsor Police Service Wireless Network Upgrades	Corporate Technology	50,000	0	0	0	0	50,000
89	POL-009-17	Windsor Police Service Disaster Recovery Backup/Replication Site	Corporate Technology	0	0	100,000	0	0	100,000
102	POL-014-17	Windsor Police Service Mobile Device Encryption-Laptops	Corporate Technology	0	0	0	0	0	0
104	POL-016-17	Windsor Police Service Patrol Smartphone Mobile Data Phase 2	Corporate Technology	0	0	0	0	0	0
114	HLD-001-11	Huron Lodge Wireless Technology Implementation	Corporate Technology	0	0	78,000	0	0	78,000
118	HLD-002-15	Huron Lodge Resident Monitoring & Nurse Bedside Call System	Corporate Technology	0	100,000	25,000	0	20,000	145,000
123	HLD-006-15	Huron Lodge Dietary Management System Upgrades	Corporate Technology	0	0	65,000	0	0	65,000
152	FIN-001-17	Asset Planning Service Design and Implementation	Corporate Technology	110,000	0	0	0	0	110,000
178	ITC-002-07	Corporate Electronic Storage and Retrieval Systems Upgrades	Corporate Technology	100,000	100,000	150,000	150,000	150,000	650,000
180	ITC-003-07	Information Technology Network Infrastructure Improvements	Corporate Technology	100,000	200,000	200,000	230,000	250,000	980,000
182	ITC-005-07	Corporate Data & Network Security Initiatives	Corporate Technology	100,000	100,000	319,000	329,000	176,000	1,024,000
184	ITC-006-07	Information Technology Disaster Recovery Initiatives	Corporate Technology	100,000	150,000	150,000	100,000	100,000	600,000
167	ITC-007-07	Corporate Intranet Redesign & Internet Accessibility Improvements	Corporate Technology	0	0	850,000	0	0	850,000
169	ITC-008-07	Corporate Enterprise Resource Planning (ERP) System Improvements	Corporate Technology	0	0	475,000	250,000	250,000	975,000
171	ITC-011-07	AMANDA Information System Upgrades and Improvements	Corporate Technology	0	200,000	350,000	200,000	200,000	950,000
186	ITC-012-07	Corporate Telephone System Upgrades/Replacement	Corporate Technology	200,000	200,000	150,000	200,000	200,000	950,000

**City Of Windsor**  
**Capital Project Listing By Major Category (Gross)**  
for Budget Year 2017 (5-Year Plan)

<b>Pg #</b>	<b>Project #</b>	<b>Project Name</b>	<b>Major Category</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
162	ITC-001-08	Information Technology Business Continuity Improvements	Corporate Technology	0	0	0	100,000	100,000	<b>200,000</b>
168	ITC-001-09	Corporate Facilities Video Display Improvements	Corporate Technology	0	0	0	200,000	0	<b>200,000</b>
164	ITC-001-10	Smart Community Initiative	Corporate Technology	0	0	200,000	200,000	200,000	<b>600,000</b>
175	ITC-001-12	Fire and Rescue Records Management and Computer Aided Dispatch System Initiatives	Corporate Technology	0	0	0	0	900,000	<b>900,000</b>
165	ITC-001-13	Corporate Integration of Mobile Technologies	Corporate Technology	0	0	500,000	0	500,000	<b>1,000,000</b>
173	ITC-002-16	Corporate Radio Infrastructure Upgrades	Corporate Technology	0	0	0	0	3,000,000	<b>3,000,000</b>
190	CNS-001-07	Corporate Files and Records Management	Corporate Technology	50,000	0	0	0	0	<b>50,000</b>
189	CCS-001-11	311/211 Call Centre Telephone System Upgrades	Corporate Technology	0	0	200,000	0	0	<b>200,000</b>
197	HRS-002-11	Corporate Employee Online Training Programs	Corporate Technology	0	0	0	0	20,000	<b>20,000</b>
206	WPL-004-11	Windsor Public Library Materials Automation Systems Upgrades	Corporate Technology	0	0	1,050,000	0	0	<b>1,050,000</b>
414	OPS-005-16	FleetFocus Web Modules	Corporate Technology	0	0	0	0	0	<b>0</b>
388	OPS-004-17	Monitoring Cameras	Corporate Technology	50,000	0	0	0	0	<b>50,000</b>
450	FRS-002-07	Fire & Rescue Computer-aided Dispatch System (CRISYS) Upgrade	Corporate Technology	0	0	50,000	0	0	<b>50,000</b>
449	FRS-001-15	Fire & Rescue GPS Traffic Pre-emption Technology Infrastructure	Corporate Technology	0	0	0	0	0	<b>0</b>
446	FRS-004-16	Fire & Rescue Apparatus Technology-aided Solutions	Corporate Technology	130,000	0	0	0	0	<b>130,000</b>
<b>Corporate Technology Total</b>				<b>1,365,000</b>	<b>1,480,000</b>	<b>5,532,000</b>	<b>2,259,000</b>	<b>6,616,000</b>	<b>17,252,000</b>
150	FIN-009-15	Capital Reserve Replenishment Allocation	Capital Reserve Replenishment	3,210,000	3,210,000	3,210,000	3,210,000	3,210,000	<b>16,050,000</b>
<b>Capital Reserve Replenishment Total</b>				<b>3,210,000</b>	<b>3,210,000</b>	<b>3,210,000</b>	<b>3,210,000</b>	<b>3,210,000</b>	<b>16,050,000</b>

**City Of Windsor**  
**Capital Project Listing By Major Category (Gross)**  
for Budget Year 2017 (5-Year Plan)

<b>Pg #</b>	<b>Project #</b>	<b>Project Name</b>	<b>Major Category</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
143	REC-002-07	Lakeview Park Marina Upgrades	Parks & Recreation	100,000	0	0	55,000	100,000	<b>255,000</b>
132	REC-003-07	Municipal Pools Refurbishment Program	Parks & Recreation	100,000	0	400,000	150,000	100,000	<b>750,000</b>
137	REC-004-07	Recreation Facility Refurbishment Program	Parks & Recreation	50,000	0	50,000	50,000	50,000	<b>200,000</b>
130	REC-002-14	Relocation of Sandpoint Beach	Parks & Recreation	0	0	0	0	0	<b>0</b>
142	REC-001-16	Forest Glade New Gym Addition	Parks & Recreation	0	0	0	0	0	<b>0</b>
144	REC-005-16	Gino & Liz Marcus Community Centre Family Change Room	Parks & Recreation	0	0	0	1,100,000	0	<b>1,100,000</b>
129	REC-001-17	WFCU Centre Upgrades	Parks & Recreation	0	0	0	0	698,441	<b>698,441</b>
255	REC-004-08	The WFCU Centre Capital Improvements	Parks & Recreation	430,000	0	200,000	30,000	280,000	<b>940,000</b>
220	ENG-006-16	Coventry Gardens Peace Fountain Capital Repairs	Parks & Recreation	100,000	0	0	0	0	<b>100,000</b>
333	PFO-007-11	Tree Maintenance Backlog	Parks & Recreation	250,000	710,000	500,000	500,000	500,000	<b>2,460,000</b>
344	PFO-005-12	Regional Parks Initiatives	Parks & Recreation	500,000	500,000	500,000	0	750,000	<b>2,250,000</b>
346	PFO-006-12	Community Parks Initiatives	Parks & Recreation	250,000	0	500,000	500,000	250,000	<b>1,500,000</b>
347	PFO-007-12	Neighbourhood Parks Initiatives	Parks & Recreation	250,000	0	500,000	500,000	250,000	<b>1,500,000</b>
348	PFO-008-12	New Park Design/Development/Construction	Parks & Recreation	300,000	0	0	0	300,000	<b>600,000</b>
349	PFO-009-12	Park Bridges/Shelters/Buildings/Shore Wall Capital Improvements	Parks & Recreation	50,000	0	100,000	100,000	100,000	<b>350,000</b>
350	PFO-011-12	Beautification of Civic Gateways and Other Open Spaces	Parks & Recreation	0	0	0	500,000	500,000	<b>1,000,000</b>
351	PFO-012-12	Park Trails Capital Improvements	Parks & Recreation	200,000	0	200,000	200,000	200,000	<b>800,000</b>
352	PFO-013-12	Park-related Parking Lots Capital Upgrades	Parks & Recreation	0	0	1,000,000	500,000	200,000	<b>1,700,000</b>
353	PFO-014-12	Park Community Partnership Initiatives	Parks & Recreation	25,000	0	25,000	25,000	25,000	<b>100,000</b>
354	PFO-015-12	Parks Master Plan	Parks & Recreation	0	0	0	0	0	<b>0</b>
355	PFO-016-12	Parkland Acquisitions	Parks & Recreation	0	0	0	0	0	<b>0</b>
356	PFO-017-12	Playground Equipment Removal	Parks & Recreation	100,000	0	100,000	0	100,000	<b>300,000</b>
338	PFO-001-14	Central Riverfront Park Improvements	Parks & Recreation	0	0	3,000,000	500,000	2,450,000	<b>5,950,000</b>
340	PFO-002-15	Accessible Playgrounds Program	Parks & Recreation	0	2,000,000	0	0	1,500,000	<b>3,500,000</b>
342	PFO-003-15	Central Riverfront Implementation Plan (C.R.I.P.) Placeholder	Parks & Recreation	0	2,300,000	0	0	0	<b>2,300,000</b>
336	PFO-001-16	New Greenhouse Complex Construction and Refurbishments	Parks & Recreation	0	0	0	0	0	<b>0</b>
341	PFO-002-16	Realtor Park Splash Pad/Washroom Placeholder	Parks & Recreation	0	0	0	500,000	0	<b>500,000</b>
339	PFO-001-17	Adult Exercise Equipment	Parks & Recreation	0	0	0	0	50,000	<b>50,000</b>
343	PFO-003-17	GPS Laser Line Painting Equipment	Parks & Recreation	0	0	0	50,000	0	<b>50,000</b>
393	OPS-001-15	Parks Equipment Replacement Program	Parks & Recreation	459,000	617,000	279,000	733,000	800,000	<b>2,888,000</b>
<b>Parks &amp; Recreation Total</b>				<b>3,164,000</b>	<b>6,127,000</b>	<b>7,354,000</b>	<b>5,993,000</b>	<b>9,203,441</b>	<b>31,841,441</b>

**City Of Windsor**  
**Capital Project Listing By Major Category (Gross)**  
for Budget Year 2017 (5-Year Plan)

Pg #	Project #	Project Name	Major Category	2017	2018	2019	2020	2021	Total
267	ECP-003-07	Grand Marais Rd. Infrastructure Improvements	Roads	60,000	340,000	0	0	0	400,000
271	ECP-004-07	Walker Rd. Infrastructure Improvements	Roads	0	0	0	0	0	0
276	ECP-005-07	Tecumseh Rd. E. Infrastructure Improvements	Roads	0	0	0	50,000	450,000	500,000
279	ECP-006-07	Howard Ave. Infrastructure Improvements	Roads	0	0	0	0	0	0
280	ECP-007-07	Local Improvement Program - Infrastructure	Roads	260,000	540,000	1,000,000	1,744,800	1,500,000	5,044,800
281	ECP-008-07	Pedestrian Safety Improvements	Roads	0	0	100,000	0	0	100,000
282	ECP-009-07	Intersection Improvements Program	Roads	0	0	470,000	500,000	500,000	1,470,000
284	ECP-010-07	East Riverside Planning District Infrastructure Improvements	Roads	0	0	250,000	0	2,400,000	2,650,000
214	ECP-012-07	South Cameron/South Windsor Planning District Infrastructure Improvements	Roads	60,000	0	0	200,000	0	260,000
285	ECP-014-07	City Centre Streetscape Improvements	Roads	0	0	0	350,000	0	350,000
286	ECP-015-07	McDougall Ave. Infrastructure Improvements	Roads	0	0	0	0	0	0
287	ECP-016-07	The Riverside Drive Vista Improvement	Roads	680,000	280,000	100,000	1,040,000	0	2,100,000
264	ECP-002-08	Provincial Rd./Division Rd. Corridor Infrastructure Improvements	Roads	2,000,000	0	2,000,000	1,850,000	2,000,000	7,850,000
268	ECP-003-08	Howard Ave. South Corridor Infrastructure Improvements	Roads	0	0	0	350,000	0	350,000
269	ECP-003-09	Cabana Rd. Infrastructure Improvements	Roads	6,468,000	4,060,000	3,830,325	6,644,674	6,056,742	27,059,741
215	ECP-013-09	La Bella Strada - Erie St. Business Improvement Area Streetscaping	Roads	0	0	0	0	0	0
266	ECP-002-10	Banwell Rd. Infrastructure Improvements	Roads	0	0	0	1,000,000	1,000,000	2,000,000
278	ECP-005-10	Local Improvement Program - Road Rehabilitation	Roads	0	0	250,000	200,000	200,000	650,000
299	EDG-001-11	Lauzon Parkway & County Rd. 42 Infrastructure Improvements	Roads	0	0	0	0	2,000,000	2,000,000
301	EIT-001-11	Local Improvement Program - Street Lighting	Roads	0	0	100,000	0	100,000	200,000
304	ENG-002-12	Local Improvement Program - Sidewalks	Roads	0	0	50,000	0	50,000	100,000
303	ENG-001-16	Sixth Concession Rd./North Talbot Rd. Infrastructure Improvements	Roads	0	0	0	0	300,000	300,000
312	ENG-009-16	North Talbot Rd. Environmental Assessment/Southwood Lakes Entrance Reconstruction	Roads	0	0	0	600,000	0	600,000
306	ENG-002-17	Bus Bay Program	Roads	0	0	0	0	0	0
308	ENG-003-17	New Streetlights on Collectors and Arterials	Roads	0	0	0	0	0	0
310	ENG-005-17	Central Box EA Road and Infrastructure Improvements	Roads	0	0	220,000	500,000	0	720,000
357	OPS-001-07	Road Rehabilitation - Various Locations Program	Roads	7,787,000	8,887,000	9,239,090	8,877,000	8,000,000	42,790,090
369	OPS-003-07	Bridge Rehabilitation Program	Roads	4,000,000	2,500,000	3,200,000	3,399,000	4,034,000	17,133,000
371	OPS-004-07	Sidewalk Rehabilitation Program	Roads	500,000	0	700,000	700,000	800,000	2,700,000
378	OPS-005-07	Railway Lands Fencing	Roads	0	100,000	100,000	0	0	200,000
379	OPS-006-07	"At-Grade" Railway Crossings Capital Improvements	Roads	100,000	275,000	825,000	85,000	200,000	1,485,000
364	OPS-001-11	Minor Alley Maintenance Program	Roads	100,000	0	100,000	100,000	100,000	400,000
366	OPS-002-11	Minor Road Rehabilitation Program	Roads	250,000	0	400,000	250,000	250,000	1,150,000



**City Of Windsor**  
**Capital Project Listing By Major Category (Gross)**  
for Budget Year 2017 (5-Year Plan)

<b>Pg #</b>	<b>Project #</b>	<b>Project Name</b>	<b>Major Category</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
368	OPS-002-14	Enhanced Capital Budget Road Rehabilitation Placeholder	Roads	0	5,489,000	0	0	0	<b>5,489,000</b>
422	OPS-003-14	University Avenue Environmental Assessment Placeholder	Roads	0	5,000,000	0	0	0	<b>5,000,000</b>
424	OPS-007-16	Cabana Rd. Pavement Markings	Roads	0	0	0	110,000	0	<b>110,000</b>
381	OPS-008-16	Devon Dr. Reconstruction - South Service Rd. to Sydney Ave.	Roads	0	0	0	1,500,000	0	<b>1,500,000</b>
382	OPS-009-16	North Service Rd. Reconstruction	Roads	0	0	0	2,100,000	0	<b>2,100,000</b>
383	OPS-010-16	Wyandotte St. Mill and Pave - Watson Ave. to Riverdale Ave.	Roads	0	0	0	300,000	0	<b>300,000</b>
460	PBG-001-14	Alley Closing Subsidy Pilot Program	Roads	0	790,000	0	0	0	<b>790,000</b>
<b>Roads Total</b>				<b>22,265,000</b>	<b>28,261,000</b>	<b>22,934,415</b>	<b>32,450,474</b>	<b>29,940,742</b>	<b>135,851,631</b>

**City Of Windsor**  
**Capital Project Listing By Major Category (Gross)**  
for Budget Year 2017 (5-Year Plan)

Pg #	Project #	Project Name	Major Category	2017	2018	2019	2020	2021	Total
157	FIN-005-15	Little River Pollution Control Plant Energy Efficiency Measures Implementation	Sewers	0	0	0	150,000	0	150,000
288	ECP-017-07	Local Improvements Program - Sanitary Sewer	Sewers	0	2,000,000	0	0	2,000,000	4,000,000
289	ECP-022-07	Prince Rd./Totten St. Storm Sewer Improvements - Engineering & Construction	Sewers	0	125,000	0	80,000	0	205,000
290	ECP-023-07	Parent Ave./McDougall Ave. Storm Sewer Engineering & Construction	Sewers	0	250,000	0	0	0	250,000
291	ECP-028-07	Grand Marais Drain Capital Improvements (Existing Naturalized Channel)	Sewers	0	470,000	2,100,000	0	732,000	3,302,000
292	ECP-030-07	Riverside Flood Abatement Initiatives - Capital Improvements to Existing Trunk Sewer	Sewers	0	0	250,000	250,000	0	500,000
293	ECP-034-07	Campbell Ave./University Ave. Storm Sewer Engineering & Construction	Sewers	2,000,000	125,000	0	3,670,000	0	5,795,000
294	ECP-035-07	City Wide Sewer Rehabilitation Program	Sewers	18,116,000	14,415,000	16,410,000	11,156,000	12,000,000	72,097,000
298	ECP-036-07	Ojibway Sanitary Sewer Rehabilitation	Sewers	0	0	0	0	0	0
216	ECP-041-07	New Infrastructure Development - Oversizing Infrastructure (Developer-related)	Sewers	100,000	0	450,000	0	100,000	650,000
272	ECP-004-08	Municipal Drains Capital Improvement Program	Sewers	100,000	200,000	0	200,000	200,000	700,000
277	ECP-005-08	Grand Marais Drain Improvements (Concrete Channel)	Sewers	0	0	0	0	0	0
323	ENV-001-08	Lou Romano Water Reclamation Plant Capital Improvements	Sewers	2,105,000	1,510,000	1,450,000	950,000	2,150,000	8,165,000
326	ENV-002-08	Little River Pollution Control Plant Capital Improvements	Sewers	1,920,000	1,095,000	2,755,000	525,000	575,000	6,870,000
329	ENV-003-08	Pumping Stations Capital Improvements	Sewers	1,400,000	250,000	2,030,000	390,000	2,850,000	6,920,000
274	ECP-004-09	Stormwater and Sanitary Master Plan Development	Sewers	0	750,000	0	0	0	750,000
263	ECP-001-10	Upper Little River Stormwater Management Plan and Implementation	Sewers	0	500,000	0	0	0	500,000
302	ENG-001-13	Capital Improvements to Little River Steel Retaining Walls	Sewers	1,000,000	500,000	0	1,000,000	0	2,500,000
307	ENG-003-13	Sixth Concession Municipal Drain - Land Acquisition & Capital Improvements	Sewers	0	150,000	200,000	500,000	200,000	1,050,000
305	ENG-002-16	Capital Improvements to Little River Municipal Drain (Lauzon Rd. to VIA Tracks)	Sewers	0	0	0	100,000	0	100,000
311	ENG-007-16	Basement Flooding Abatement Measures	Sewers	2,500,000	2,700,000	640,000	1,100,000	2,250,000	9,190,000
309	ENG-004-17	East Marsh Drain Study	Sewers	150,000	0	0	0	0	150,000
315	ENG-012-17	ESR for Riverfront CSO Downstream of CMH Woods Pump Station/LRWRP Wet Weather Flows	Sewers	0	300,000	0	0	0	300,000
317	ENG-013-17	Malden Landfill Gas Migration	Sewers	1,648,000	79,000	881,000	0	0	2,608,000
313	ENG-015-17	Sewer Rehabilitation - Mount Carmel - Cabana to Lennon Drain	Sewers	1,800,000	500,000	0	0	0	2,300,000
314	ENG-016-17	Campbell/University Area Storm Drainage - Environmental Assessment/Master Plan	Sewers	300,000	100,000	0	0	0	400,000
318	ENG-017-17	Pontiac Pumping Station - Capacity Study	Sewers	187,500	62,500	0	0	0	250,000
319	ENG-018-17	St. Paul Pumping Station - Capacity Study	Sewers	187,500	62,500	0	0	0	250,000
320	ENG-020-17	LRWRP Dry Well Reliability Issues	Sewers	262,500	87,500	0	0	0	350,000

**City Of Windsor**  
**Capital Project Listing By Major Category (Gross)**  
for Budget Year 2017 (5-Year Plan)

<b>Pg #</b>	<b>Project #</b>	<b>Project Name</b>	<b>Major Category</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
321	ENG-021-17	Maplewood Pumping Station - Odour Control System	Sewers	412,500	137,500	0	0	0	<b>550,000</b>
322	ENG-022-17	LRWRP Back Wash Tanks	Sewers	562,500	187,500	0	0	0	<b>750,000</b>
384	OPS-019-17	Storm & Waste - Data Acquisition	Sewers	847,500	282,500	0	0	0	<b>1,130,000</b>
385	OPS-023-17	South National Relining	Sewers	562,500	187,500	0	0	0	<b>750,000</b>
386	OPS-024-17	Rossini Street Relining	Sewers	105,000	35,000	0	0	0	<b>140,000</b>
387	OPS-025-17	Storm Extension to Railway at College and Crawford	Sewers	354,339	125,661	0	0	0	<b>480,000</b>
<b>Sewers Total</b>				<b>36,620,839</b>	<b>27,187,161</b>	<b>27,166,000</b>	<b>20,071,000</b>	<b>23,057,000</b>	<b>134,102,000</b>

**City Of Windsor**  
**Capital Project Listing By Major Category (Gross)**  
for Budget Year 2017 (5-Year Plan)

Pg #	Project #	Project Name	Major Category	2017	2018	2019	2020	2021	Total
60	POL-001-09	Windsor Police Service Fleet Replacement/Refurbishment Program	Transportation Infrastructure	1,268,000	1,268,000	1,268,000	1,268,000	1,268,000	6,340,000
262	ECP-001-07	Citywide Streetlight Pole/Wiring Upgrades & Relocations	Transportation Infrastructure	400,000	700,000	520,000	240,000	500,000	2,360,000
389	FRS-001-07	Fire & Rescue First Response Vehicle Replacement Program	Transportation Infrastructure	636,000	0	47,000	52,000	58,000	793,000
425	OPS-009-07	Transportation Planning Environmental Study Reports (ESRs)	Transportation Infrastructure	100,000	0	100,000	100,000	100,000	400,000
427	OPS-010-07	Advanced Traffic Management System (ATMS) - Capital Software/Hardware Upgrades	Transportation Infrastructure	200,000	600,000	600,000	600,000	600,000	2,600,000
429	OPS-012-07	Traffic Signals - Capital Upgrades and Replacements	Transportation Infrastructure	300,000	200,000	200,000	300,000	300,000	1,300,000
435	OPS-014-07	Citywide Bikeway Development Initiatives	Transportation Infrastructure	400,000	500,000	600,000	600,000	600,000	2,700,000
437	OPS-018-07	Parking Garage Capital Improvements	Transportation Infrastructure	300,000	300,000	600,000	600,000	1,100,000	2,900,000
439	OPS-019-07	New Parking Lot Development	Transportation Infrastructure	0	0	150,000	150,000	150,000	450,000
440	OPS-020-07	Parking Lot Rehabilitation Program	Transportation Infrastructure	0	0	50,000	150,000	150,000	350,000
441	OPS-021-07	Traffic Calming Initiatives	Transportation Infrastructure	0	100,000	169,000	106,000	0	375,000
415	OPS-022-07	Purchase of Additional Fleet Equipment	Transportation Infrastructure	145,000	0	0	0	0	145,000
402	OPS-005-08	Corporate Fleet Replacement Program	Transportation Infrastructure	1,021,000	2,610,000	2,164,000	1,908,000	992,000	8,695,000
420	OPS-002-09	Video Detection Infrastructure & Equipment Upgrade/Replacement Program	Transportation Infrastructure	500,000	0	500,000	400,000	400,000	1,800,000
418	OPS-001-10	Traffic Signal LED Replacement Program	Transportation Infrastructure	0	0	350,000	450,000	200,000	1,000,000
365	OPS-002-10	Civic Gateway Corridor Enhancements	Transportation Infrastructure	0	0	200,000	0	0	200,000
421	OPS-003-11	Parking Enforcement Handheld Unit Replacement Program	Transportation Infrastructure	0	0	0	0	175,000	175,000
419	OPS-001-13	Parking Equipment Replacement Program	Transportation Infrastructure	62,000	80,000	100,000	100,000	100,000	442,000
400	OPS-002-16	Corporate Fuel Site Automation Initiatives	Transportation Infrastructure	0	0	0	0	50,000	50,000
423	OPS-003-16	Accessibility - Audible Pedestrian Signals Implementation (AODA)	Transportation Infrastructure	0	0	0	0	0	0
398	OPS-001-17	Fuel Site Equipment Replacement	Transportation Infrastructure	0	0	0	20,000	0	20,000
401	OPS-002-17	Fuel Site Improvements	Transportation Infrastructure	0	0	0	0	0	0
480	TRN-001-07	Transit Windsor Fleet Replacement Program	Transportation Infrastructure	0	0	763,108	2,085,500	3,010,500	5,859,108
474	TRN-003-07	Transit Windsor Customer Service Improvements - Shelters/Signage/Amenities	Transportation Infrastructure	0	0	0	0	0	0
476	TRN-004-07	Transit Windsor Master Plan Implementation	Transportation Infrastructure	0	0	0	0	50,000	50,000
487	TRN-005-07	Handi-Transit Bus Acquisitions	Transportation Infrastructure	0	0	480,000	240,000	0	720,000
482	TRN-001-08	Transit Windsor Smart Bus Technology/Intelligent Transportation System (ITS) Initiative	Transportation Infrastructure	0	0	500,000	0	0	500,000
485	TRN-002-08	Transit Windsor Fleet Structural Repairs	Transportation Infrastructure	0	0	2,500	0	300,000	302,500
486	TRN-002-13	Transit Windsor Fuel System Improvement Initiative	Transportation Infrastructure	50,000	0	55,000	0	0	105,000
484	TRN-001-16	Transit Windsor Fleet Refurbishment/Repair Costs	Transportation Infrastructure	500,000	500,000	500,000	500,000	500,000	2,500,000
501	TRN-003-17	Transit Windsor - West End Terminal	Transportation Infrastructure	200,000	0	0	0	0	200,000
504	TRN-004-17	Automatic Passenger Counter	Transportation Infrastructure	200,000	0	0	0	0	200,000

**City Of Windsor**  
**Capital Project Listing By Major Category (Gross)**  
for Budget Year 2017 (5-Year Plan)

<b>Pg #</b>	<b>Project #</b>	<b>Project Name</b>	<b>Major Category</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
478	TRN-005-17	Transit Windsor Service Delivery Review and Project Management	Transportation Infrastructure	325,000	0	175,000	50,000	0	550,000
505	TRN-006-17	Additional Intelligent Transportation System Laptops For On Road Supervisory Support Vehicles	Transportation Infrastructure	9,000	0	0	0	0	9,000
506	TRN-007-17	Installation of Eight LED Outdoor Message Signs At Bus Stops and Two Flat Panel Indoor Displays	Transportation Infrastructure	200,000	0	0	0	0	200,000
479	TRN-008-17	Transit Windsor Farebox Upgrades	Transportation Infrastructure	370,000	0	0	20,000	0	390,000
508	TRN-009-17	Restoration of Multiple Transit Windsor Pedestrian Shelters	Transportation Infrastructure	520,000	20,000	120,000	320,000	20,000	1,000,000
488	TRN-010-17	Acquisition of 40' Clean Diesel Buses	Transportation Infrastructure	6,247,392	4,000,000	2,247,392	0	0	12,494,784
489	TRN-011-17	Implementation of a Hybrid Bus Refurbishing Program	Transportation Infrastructure	1,200,000	0	0	0	0	1,200,000
490	TRN-012-17	Rehabilitation of Concrete Surfaces/Drains in Fuelling and Cleaning Area of the Maintenance Garage	Transportation Infrastructure	65,000	0	5,000	0	0	70,000
491	TRN-013-17	Rehabilitation of Concrete Surfaces throughout the Maintenance Garage	Transportation Infrastructure	50,000	0	50,000	0	0	100,000
492	TRN-014-17	Replacement Of Three High Speed Doors In The Maintenance Garage	Transportation Infrastructure	45,000	0	45,000	0	0	90,000
509	TRN-015-17	Expansion Of Customer Service Parking To Support Increased Demand	Transportation Infrastructure	10,000	0	10,000	0	0	20,000
510	TRN-016-17	Renovations And Enhancements To Customer Service Area At The Main Transit Terminal	Transportation Infrastructure	20,000	0	20,000	0	0	40,000
493	TRN-017-17	Installation of an Exhaust Unit for Improved Ventilation at Main Transit Terminal	Transportation Infrastructure	375,000	0	0	375,000	0	750,000
494	TRN-018-17	Acquisition of a Commercial Grade Floor Sweeper for Maintenance Garage Floor	Transportation Infrastructure	42,500	0	0	42,500	0	85,000
495	TRN-019-17	Acquisition of a Commercial Grade Parts Washer for the Maintenance Garage	Transportation Infrastructure	37,500	0	37,500	0	0	75,000
507	TRN-020-17	Renovations And Enhancements to the Transportation Services Area	Transportation Infrastructure	100,000	0	0	100,000	0	200,000
496	TRN-021-17	Acquisition of Fleet Inspection Equipment to Support the Bus Rehabilitation Program	Transportation Infrastructure	387,500	0	0	387,500	0	775,000
518	ECP-046-07	Airport Capital Improvements	Transportation Infrastructure	460,000	140,000	345,000	380,000	380,000	1,705,000
511	ECP-010-09	Airport Various Asset Replacement/Refurbishment/Upgrades	Transportation Infrastructure	460,000	650,000	2,896,000	4,155,300	2,312,000	10,473,300
<b>Transportation Infrastructure Total</b>				<b>17,205,892</b>	<b>11,668,000</b>	<b>15,869,500</b>	<b>15,699,800</b>	<b>13,315,500</b>	<b>73,758,692</b>
<b>Grand Total</b>				<b>90,391,747</b>	<b>87,990,421</b>	<b>103,546,879</b>	<b>102,100,274</b>	<b>97,628,527</b>	<b>481,657,848</b>

# **2017 Recommended Capital Budget**



## **Section D:**

### **5 - Year Summary of Capital Budget by Funding Source**

**City of Windsor**  
**Summary of Capital Budget by Funding Source**  
*For Budget Year: 2017*

GL Account	2017	2018	2019	2020	2021	Total	
<b>Service Area: Agencies, Boards &amp; Committees (ABC)</b>							
<b>Department: Windsor Police Services</b>							
<b>Division: Administration - Police</b>							
POL-001-09 Windsor Police Service Fleet Replacement/Refurbishment Program	183 - Police Fleet	1,268,000	1,268,000	1,268,000	1,268,000	1,268,000	<b>6,340,000</b>
POL-001-11 Windsor Police Service Collision Reporting Centre - Expansion and Upgrades	160 - Capital Expenditure Reserve	0	200,000	0	0	0	<b>200,000</b>
POL-001-11 Windsor Police Service Collision Reporting Centre - Expansion and Upgrades	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	<b>0</b>
POL-001-11 Windsor Police Service Collision Reporting Centre - Expansion and Upgrades	6940 - Proceeds - Disposal Of Land	500,000	0	0	0	0	<b>500,000</b>
POL-001-16 Windsor Police Service E911 Voice Logger System Upgrades/Replacement	195 - Police Equipment Reserve	0	0	0	150,000	0	<b>150,000</b>
POL-001-17 Windsor Police Service - In-camera Item #1	169 - Pay As You Go - Capital Reserve	0	0	0	0	75,000	<b>75,000</b>
POL-002-14 Windsor Police Service Training Classroom Table & Chair Replacement	195 - Police Equipment Reserve	65,000	0	0	0	0	<b>65,000</b>
POL-002-15 Windsor Police Service Next Generation 911 Infrastructure Upgrades	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	<b>0</b>
POL-002-15 Windsor Police Service Next Generation 911 Infrastructure Upgrades	195 - Police Equipment Reserve	0	150,000	50,000	50,000	50,000	<b>300,000</b>
POL-002-16 Windsor Police Service Backup E911 Centre Upgrades	195 - Police Equipment Reserve	0	0	0	100,000	0	<b>100,000</b>
POL-002-17 Windsor Police Service - In-camera Item #2	169 - Pay As You Go - Capital Reserve	0	0	0	0	75,000	<b>75,000</b>
POL-003-14 Windsor Police Service - In-camera Item #3	195 - Police Equipment Reserve	0	0	0	100,000	0	<b>100,000</b>
POL-003-16 Windsor Police Service Microsoft Office Software Upgrades	195 - Police Equipment Reserve	75,000	0	0	0	0	<b>75,000</b>
POL-003-17 Windsor Police Service - In-camera Item #4	169 - Pay As You Go - Capital Reserve	0	0	0	0	100,000	<b>100,000</b>
POL-004-15 Windsor Police Service - In-camera Item #5	195 - Police Equipment Reserve	100,000	100,000	0	0	0	<b>200,000</b>
POL-004-16 Windsor Police Service - In-camera Item #6	195 - Police Equipment Reserve	0	50,000	50,000	50,000	0	<b>150,000</b>
POL-004-17 Windsor Police Service - In-camera Item #7	169 - Pay As You Go - Capital Reserve	0	0	0	0	75,000	<b>75,000</b>
POL-005-14 Windsor Police Service E911 Centre Workstation Replacement	195 - Police Equipment Reserve	0	0	0	50,000	0	<b>50,000</b>
POL-005-16 Windsor Police Service Renovations/AODA Compliance	195 - Police Equipment Reserve	140,000	0	0	0	0	<b>140,000</b>
POL-005-17 Windsor Police Service - In-camera Item #8	169 - Pay As You Go - Capital Reserve	0	0	0	0	85,000	<b>85,000</b>
POL-006-13 Windsor Police Service Network Infrastructure Upgrades	169 - Pay As You Go - Capital Reserve	0	0	150,000	0	0	<b>150,000</b>
POL-006-14 Windsor Police Service 911 VoIP Upgrades	195 - Police Equipment Reserve	200,000	0	0	0	0	<b>200,000</b>
POL-006-17 Windsor Police Service Operations Centre (WPSOC)	169 - Pay As You Go - Capital Reserve	0	0	0	0	250,000	<b>250,000</b>
POL-007-13 Windsor Police Service Business Intelligence Technology and Processes Improvements	169 - Pay As You Go - Capital Reserve	0	0	0	0	500,000	<b>500,000</b>

**City of Windsor**  
**Summary of Capital Budget by Funding Source**  
*For Budget Year: 2017*

	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
POL-007-14 Windsor Police Service - In-camera Item #9	160 - Capital Expenditure Reserve	0	220,000	0	0	125,000	<b>345,000</b>
POL-007-14 Windsor Police Service - In-camera Item #9	169 - Pay As You Go - Capital Reserve	0	0	155,000	0	0	<b>155,000</b>
POL-007-14 Windsor Police Service - In-camera Item #9	195 - Police Equipment Reserve	125,000	0	0	125,000	0	<b>250,000</b>
POL-007-16 Windsor Police Service - In-camera Item #10	195 - Police Equipment Reserve	0	180,000	0	0	0	<b>180,000</b>
POL-007-17 Windsor Police Service Patrol Line-up Room Modernization	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	<b>0</b>
POL-008-16 Windsor Police Service - In-camera Item #11	195 - Police Equipment Reserve	0	0	100,000	0	0	<b>100,000</b>
POL-008-17 Windsor Police Service CRISIS Negotiator Unit (life-cycle replacement)	169 - Pay As You Go - Capital Reserve	0	0	0	0	60,000	<b>60,000</b>
POL-009-16 Windsor Police Service Internet Child Anti-Exploitation Initiatives	195 - Police Equipment Reserve	0	0	100,000	0	0	<b>100,000</b>
POL-009-17 Windsor Police Service Disaster Recovery Backup/Replication Site	195 - Police Equipment Reserve	0	0	100,000	0	0	<b>100,000</b>
POL-010-14 Windsor Police Service - In-camera Item #12	169 - Pay As You Go - Capital Reserve	0	0	0	0	1,000,000	<b>1,000,000</b>
POL-010-16 Windsor Police Service Mobile Technology Initiatives	195 - Police Equipment Reserve	0	0	70,000	0	0	<b>70,000</b>
POL-010-17 Windsor Police Service - In-camera Item #13	169 - Pay As You Go - Capital Reserve	0	0	0	0	75,000	<b>75,000</b>
POL-011-16 Windsor Police Service Mobile Occurrence/Scene Documentation Application	195 - Police Equipment Reserve	0	0	150,000	0	0	<b>150,000</b>
POL-011-17 Windsor Police Service - In-camera Item #14	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	<b>0</b>
POL-012-16 Windsor Police Service Indoor Training Range Upgrades	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	<b>0</b>
POL-012-17 Windsor Police Service Physical Readiness & Preparedness Centre	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	<b>0</b>
POL-013-14 Windsor Police Service - In-camera Item #15	195 - Police Equipment Reserve	0	200,000	0	0	0	<b>200,000</b>
POL-013-16 Windsor Police Service Outdoor Training Range Upgrades	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	<b>0</b>
POL-013-17 Windsor Police Service - In-camera Item #16	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	<b>0</b>
POL-014-16 Windsor Police Service Wireless Network Upgrades	195 - Police Equipment Reserve	50,000	0	0	0	0	<b>50,000</b>
POL-014-17 Windsor Police Service Mobile Device Encryption-Laptops	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	<b>0</b>
POL-015-17 Windsor Police Service - In-camera Item #17	195 - Police Equipment Reserve	0	0	0	160,000	0	<b>160,000</b>
POL-016-17 Windsor Police Service Patrol Smartphone Mobile Data Phase 2	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	<b>0</b>
<b>Total for Division: Administration - Police</b>		<b>2,523,000</b>	<b>2,368,000</b>	<b>2,193,000</b>	<b>2,053,000</b>	<b>3,738,000</b>	<b>12,875,000</b>
<b>Total for Service Area: Agencies, Boards &amp; Committees (ABC)</b>		<b>2,523,000</b>	<b>2,368,000</b>	<b>2,193,000</b>	<b>2,053,000</b>	<b>3,738,000</b>	<b>12,875,000</b>



**City of Windsor**  
**Summary of Capital Budget by Funding Source**  
*For Budget Year: 2017*

GL Account		2017	2018	2019	2020	2021	Total
<b>Service Area: City Council &amp; Mayor's Office (MAY)</b>							
<b>Department: Mayor's Office</b>							
<b>Division: Administration - Mayor's Office</b>							
MAY-001-16 Arts Endowment Placeholder	169 - Pay As You Go - Capital Reserve	0	0	0	2,000,000	0	<b>2,000,000</b>
MAY-002-16 Environmentally Significant Lands Acquisition Placeholder	169 - Pay As You Go - Capital Reserve	0	0	0	1,500,000	0	<b>1,500,000</b>
<b>Total for Division: Administration - Mayor's Office</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>3,500,000</b>	<b>0</b>	<b>3,500,000</b>
<b>Total for Service Area: City Council &amp; Mayor's Office (MAY)</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>3,500,000</b>	<b>0</b>	<b>3,500,000</b>
<b>Service Area: Community Development &amp; Health Commissioner (CDH)</b>							
<b>Department: Housing &amp; Children Services</b>							
<b>Division: Housing Administration</b>							
HCS-001-07 Social Housing Reserve Fund	169 - Pay As You Go - Capital Reserve	0	0	1,315,089	0	0	<b>1,315,089</b>
HCS-001-07 Social Housing Reserve Fund	6340 - Net County Cost	0	0	684,911	0	0	<b>684,911</b>
HCS-001-14 Windsor Essex Community Housing Corporation Placeholder	169 - Pay As You Go - Capital Reserve	0	1,500,000	0	0	0	<b>1,500,000</b>
HCS-001-14 Windsor Essex Community Housing Corporation Placeholder	6340 - Net County Cost	0	734,000	0	0	0	<b>734,000</b>
<b>Total for Division: Housing Administration</b>		<b>0</b>	<b>2,234,000</b>	<b>2,000,000</b>	<b>0</b>	<b>0</b>	<b>4,234,000</b>
<b>Department: Huron Lodge</b>							
<b>Division: Nursing &amp; Personal Care</b>							
HLD-001-11 Huron Lodge Wireless Technology Implementation	169 - Pay As You Go - Capital Reserve	0	0	78,000	0	0	<b>78,000</b>
HLD-001-12 Huron Lodge Nursing Equipment Replacement Program	169 - Pay As You Go - Capital Reserve	0	0	150,000	150,000	150,000	<b>450,000</b>
HLD-001-15 Huron Lodge Ceiling Mounted Resident Lift Replacement Program	169 - Pay As You Go - Capital Reserve	0	0	115,000	200,000	200,000	<b>515,000</b>
HLD-002-15 Huron Lodge Resident Monitoring & Nurse Bedside Call System	169 - Pay As You Go - Capital Reserve	0	100,000	25,000	0	20,000	<b>145,000</b>
<b>Division: Nutrition &amp; Dietary Services</b>							
HLD-001-17 Huron Lodge Dietary Servery Updates and Equipment Replacement	169 - Pay As You Go - Capital Reserve	0	0	0	0	35,000	<b>35,000</b>
HLD-003-15 Huron Lodge Dish Machines and Industrial Kitchen Equipment Replacement	169 - Pay As You Go - Capital Reserve	0	80,000	95,000	0	110,000	<b>285,000</b>

**City of Windsor**  
**Summary of Capital Budget by Funding Source**  
*For Budget Year: 2017*

	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
HLD-004-15 Huron Lodge Refrigeration and Freezer Equipment Replacement	169 - Pay As You Go - Capital Reserve	0	80,000	0	0	0	<b>80,000</b>
HLD-006-15 Huron Lodge Dietary Management System Upgrades	169 - Pay As You Go - Capital Reserve	0	0	65,000	0	0	<b>65,000</b>
<b>Division: Program Services</b>							
HLD-001-13 Huron Lodge Beds/Mattresses/Furniture Replacement Program	169 - Pay As You Go - Capital Reserve	0	0	250,000	100,000	100,000	<b>450,000</b>
HLD-002-12 Huron Lodge Cooking and Food Preparation Equipment Replacement Program	160 - Capital Expenditure Reserve	0	40,000	0	0	0	<b>40,000</b>
HLD-002-12 Huron Lodge Cooking and Food Preparation Equipment Replacement Program	169 - Pay As You Go - Capital Reserve	0	0	40,000	0	40,000	<b>80,000</b>
<b>Division: Resident Services</b>							
HLD-002-17 Huron Lodge Resident Services Equipment Replacement	169 - Pay As You Go - Capital Reserve	0	0	0	0	124,500	<b>124,500</b>
<b>Total for Division: Nursing &amp; Personal Care</b>		<b>0</b>	<b>300,000</b>	<b>818,000</b>	<b>450,000</b>	<b>779,500</b>	<b>2,347,500</b>
<b>Department: Recreation &amp; Culture</b>							
<b>Division: Admin - Parks &amp; Recreation</b>							
REC-001-17 WFCU Centre Upgrades	169 - Pay As You Go - Capital Reserve	0	0	0	0	698,441	<b>698,441</b>
<b>Division: Community Centres &amp; Programming</b>							
REC-002-14 Relocation of Sandpoint Beach	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	<b>0</b>
REC-003-07 Municipal Pools Refurbishment Program	125 - Dev Chg - Indoor Recreation	0	0	90,000	90,000	90,000	<b>270,000</b>
REC-003-07 Municipal Pools Refurbishment Program	169 - Pay As You Go - Capital Reserve	100,000	0	310,000	60,000	10,000	<b>480,000</b>
REC-004-07 Recreation Facility Refurbishment Program	125 - Dev Chg - Indoor Recreation	5,000	0	5,000	5,000	5,000	<b>20,000</b>
REC-004-07 Recreation Facility Refurbishment Program	169 - Pay As You Go - Capital Reserve	45,000	0	45,000	45,000	45,000	<b>180,000</b>
<b>Division: Cultural Affairs</b>							
REC-003-16 Windsor (125th) & Canada (150th) Birthday Celebrations	169 - Pay As You Go - Capital Reserve	85,000	0	0	0	0	<b>85,000</b>
<b>Division: Recreation Facilities</b>							
HCP-011-07 Willistead Complex Restoration Improvements	135 - Willistead Improvements	0	0	0	100,000	0	<b>100,000</b>
REC-001-16 Forest Glade New Gym Addition	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	<b>0</b>
REC-002-07 Lakeview Park Marina Upgrades	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	<b>0</b>

**City of Windsor**  
**Summary of Capital Budget by Funding Source**  
*For Budget Year: 2017*

GL Account	2017	2018	2019	2020	2021	Total	
REC-002-07 Lakeview Park Marina Upgrades	165 - Lakeview Park Marina	100,000	0	0	55,000	100,000	<b>255,000</b>
REC-005-16 Gino & Liz Marcus Community Centre Family Change Room	169 - Pay As You Go - Capital Reserve	0	0	0	1,100,000	0	<b>1,100,000</b>
<b>Total for Division: Admin - Parks &amp; Recreation</b>		<b>335,000</b>	<b>0</b>	<b>450,000</b>	<b>1,455,000</b>	<b>948,441</b>	<b>3,188,441</b>
<b>Total for Service Area: Community Development &amp; Health Commissioner (CDH)</b>		<b>335,000</b>	<b>2,534,000</b>	<b>3,268,000</b>	<b>1,905,000</b>	<b>1,727,941</b>	<b>9,769,941</b>

Service Area: **Office of the CAO (CAO)**

Department: **CAO's Office**

Division: **CAO's Office**

CAO-001-16 City Contribution for Transfer of P. Martin Bldg. to University of Windsor	169 - Pay As You Go - Capital Reserve	0	0	7,500,000	7,500,000	0	<b>15,000,000</b>
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**Total for Division: CAO's Office**

<b>0</b>	<b>0</b>	<b>7,500,000</b>	<b>7,500,000</b>	<b>0</b>	<b>15,000,000</b>
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**Total for Service Area: Office of the CAO (CAO)**

<b>0</b>	<b>0</b>	<b>7,500,000</b>	<b>7,500,000</b>	<b>0</b>	<b>15,000,000</b>
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Service Area: **Office of the CFO (CFO)**

Department: **Finance**

Division: **Administration - Finance**

FIN-009-15 Capital Reserve Replenishment Allocation	169 - Pay As You Go - Capital Reserve	3,210,000	3,210,000	3,210,000	3,210,000	3,210,000	<b>16,050,000</b>
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Division: **Asset Planning**

FIN-001-15 Sub-Metering - Energy Cost Savings Initiative	169 - Pay As You Go - Capital Reserve	0	0	0	0	150,000	<b>150,000</b>
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FIN-001-17 Asset Planning Service Design and Implementation	176 - Federal Gas Tax Rebate	110,000	0	0	0	0	<b>110,000</b>
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FIN-002-15 Corporate Wide Facilities LED Conversion	169 - Pay As You Go - Capital Reserve	0	0	1,200,000	0	0	<b>1,200,000</b>
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FIN-003-14 Energy Efficiency Engineering Studies for Arenas	169 - Pay As You Go - Capital Reserve	0	0	200,000	0	0	<b>200,000</b>
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FIN-003-15 Corporate Wide Facilities Lighting Sensors and Timers	160 - Capital Expenditure Reserve	0	55,000	0	5,000	0	<b>60,000</b>
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FIN-004-15 400 City Hall Square Energy Efficiency Upgrades	169 - Pay As You Go - Capital Reserve	0	0	0	0	100,000	<b>100,000</b>
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FIN-005-15 Little River Pollution Control Plant Energy Efficiency Measures Implementation	132 - Little River PCP	0	0	0	150,000	0	<b>150,000</b>
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FIN-006-15 Transit Windsor Installation of NOx and CO Sensors	160 - Capital Expenditure Reserve	0	60,000	0	2,000	0	<b>62,000</b>
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FIN-007-15 Huron Lodge Energy Efficiency Initiatives - LED/Sub-Metering/HVAC Upgrades	169 - Pay As You Go - Capital Reserve	0	0	0	0	50,000	<b>50,000</b>
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**City of Windsor**  
**Summary of Capital Budget by Funding Source**  
*For Budget Year: 2017*

GL Account	2017	2018	2019	2020	2021	Total	
<b>Division: Financial Planning</b>							
FIN-001-14 Development Charges Study and Bylaw Update	121 - Dev Chg - General	0	0	40,000	40,000	0	<b>80,000</b>
FIN-007-16 Ward Funds	169 - Pay As You Go - Capital Reserve	0	0	0	400,000	0	<b>400,000</b>
<b>Total for Division: Administration - Finance</b>		<b>3,320,000</b>	<b>3,325,000</b>	<b>4,650,000</b>	<b>3,807,000</b>	<b>3,510,000</b>	<b>18,612,000</b>
<b>Department: Information Technology</b>							
<b>Division: Administration - Info. Tech.</b>							
ITC-001-08 Information Technology Business Continuity Improvements	169 - Pay As You Go - Capital Reserve	0	0	0	100,000	100,000	<b>200,000</b>
ITC-001-10 Smart Community Initiative	169 - Pay As You Go - Capital Reserve	0	0	200,000	200,000	200,000	<b>600,000</b>
ITC-001-13 Corporate Integration of Mobile Technologies	169 - Pay As You Go - Capital Reserve	0	0	500,000	0	500,000	<b>1,000,000</b>
ITC-007-07 Corporate Intranet Redesign & Internet Accessibility Improvements	169 - Pay As You Go - Capital Reserve	0	0	850,000	0	0	<b>850,000</b>
<b>Division: End User Management</b>							
ITC-001-09 Corporate Facilities Video Display Improvements	169 - Pay As You Go - Capital Reserve	0	0	0	200,000	0	<b>200,000</b>
<b>Division: Enterprise System Support</b>							
ITC-008-07 Corporate Enterprise Resource Planning (ERP) System Improvements	160 - Capital Expenditure Reserve	0	0	475,000	250,000	250,000	<b>975,000</b>
ITC-011-07 AMANDA Information System Upgrades and Improvements	160 - Capital Expenditure Reserve	0	200,000	350,000	200,000	200,000	<b>950,000</b>
<b>Division: Project Management &amp; Applications</b>							
ITC-002-16 Corporate Radio Infrastructure Upgrades	198- Pay As You Go Corporate Radios Rese	0	0	0	0	3,000,000	<b>3,000,000</b>
<b>Division: Project Mgmt &amp; Applications</b>							
ITC-001-12 Fire and Rescue Records Management and Computer Aided Dispatch System Initiatives	169 - Pay As You Go - Capital Reserve	0	0	0	0	900,000	<b>900,000</b>
<b>Division: Technology Infrastructure</b>							
ITC-002-07 Corporate Electronic Storage and Retrieval Systems Upgrades	160 - Capital Expenditure Reserve	100,000	100,000	150,000	150,000	150,000	<b>650,000</b>
ITC-003-07 Information Technology Network Infrastructure Improvements	160 - Capital Expenditure Reserve	100,000	200,000	200,000	230,000	250,000	<b>980,000</b>
ITC-005-07 Corporate Data & Network Security Initiatives	160 - Capital Expenditure Reserve	100,000	100,000	319,000	329,000	176,000	<b>1,024,000</b>
ITC-006-07 Information Technology Disaster Recovery Initiatives	160 - Capital Expenditure Reserve	100,000	150,000	150,000	100,000	100,000	<b>600,000</b>

**City of Windsor**  
**Summary of Capital Budget by Funding Source**  
*For Budget Year: 2017*

	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
ITC-012-07 Corporate Telephone System Upgrades/Replacement	160 - Capital Expenditure Reserve	200,000	200,000	21,000	194,000	0	<b>615,000</b>
ITC-012-07 Corporate Telephone System Upgrades/Replacement	169 - Pay As You Go - Capital Reserve	0	0	129,000	6,000	200,000	<b>335,000</b>
<b>Total for Division: Administration - Info. Tech.</b>		<b>600,000</b>	<b>950,000</b>	<b>3,344,000</b>	<b>1,959,000</b>	<b>6,026,000</b>	<b>12,879,000</b>
<b>Total for Service Area: Office of the CFO (CFO)</b>		<b>3,920,000</b>	<b>4,275,000</b>	<b>7,994,000</b>	<b>5,766,000</b>	<b>9,536,000</b>	<b>31,491,000</b>
<b>Service Area: Office of the City Clerk (OCC)</b>							
<b>Department: Council Services</b>							
<b>Division: Communications &amp; Cust. Service</b>							
CCS-001-11 311/211 Call Centre Telephone System Upgrades	169 - Pay As You Go - Capital Reserve	0	0	200,000	0	0	<b>200,000</b>
<b>Division: Council Services Division</b>							
CNS-001-07 Corporate Files and Records Management	160 - Capital Expenditure Reserve	50,000	0	0	0	0	<b>50,000</b>
<b>Total for Division: Communications &amp; Cust. Service</b>		<b>50,000</b>	<b>0</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>250,000</b>
<b>Department: Human Resources</b>							
<b>Division: Administration - Human Resources</b>							
HCP-001-07 Accessibility - ODA Compliance	160 - Capital Expenditure Reserve	0	0	0	100,000	100,000	<b>200,000</b>
HRS-002-09 Accessibility - AODA Standard Training, Materials and Outreach	169 - Pay As You Go - Capital Reserve	51,500	0	0	74,500	0	<b>126,000</b>
HRS-002-11 Corporate Employee Online Training Programs	169 - Pay As You Go - Capital Reserve	0	0	0	0	20,000	<b>20,000</b>
HRS-002-17 Corporate Ergonomic Equipment	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	<b>0</b>
<b>Division: Organizational Develop &amp; OH&amp;S</b>							
HRS-002-08 Corporate Health and Safety Program - Assessments and Upgrades	160 - Capital Expenditure Reserve	0	10,000	10,000	0	0	<b>20,000</b>
HRS-002-08 Corporate Health and Safety Program - Assessments and Upgrades	169 - Pay As You Go - Capital Reserve	10,000	0	0	10,000	10,000	<b>30,000</b>
<b>Total for Division: Administration - Human Resources</b>		<b>61,500</b>	<b>10,000</b>	<b>10,000</b>	<b>184,500</b>	<b>130,000</b>	<b>396,000</b>
<b>Department: Windsor Public Library</b>							
<b>Division: Library</b>							
WPL-001-14 Windsor Public Library Mobile Unit/Materials Acquisition	122 - Dev Chg - Library	100,000	175,000	175,000	150,000	150,000	<b>750,000</b>
WPL-001-17 Riverside and Seminole Branch Refurbishments	169 - Pay As You Go - Capital Reserve	0	0	0	0	25,844	<b>25,844</b>

**City of Windsor**  
**Summary of Capital Budget by Funding Source**  
*For Budget Year: 2017*

	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
WPL-004-11 Windsor Public Library Materials Automation Systems Upgrades	169 - Pay As You Go - Capital Reserve	0	0	1,050,000	0	0	<b>1,050,000</b>
WPL-009-11 Windsor Public Library Facility Refurbishments	169 - Pay As You Go - Capital Reserve	46,200	0	0	0	45,500	<b>91,700</b>
<b>Total for Division: Library</b>		<b>146,200</b>	<b>175,000</b>	<b>1,225,000</b>	<b>150,000</b>	<b>221,344</b>	<b>1,917,544</b>
<b>Total for Service Area: Office of the City Clerk (OCC)</b>		<b>257,700</b>	<b>185,000</b>	<b>1,435,000</b>	<b>334,500</b>	<b>351,344</b>	<b>2,563,544</b>

Service Area: **Office of the City Engineer (OCE)**

Department: **Engineering**

Division: **Development, Projects & Right of Way**

ECP-001-13 New Fire Hall Station #6 & Emergency Operations Centre (EOC)	169 - Pay As You Go - Capital Reserve	636,516	1,247,160	2,448,064	0	0	<b>4,331,740</b>
ECP-001-16 New City Hall Construction	169 - Pay As You Go - Capital Reserve	0	0	2,500,000	0	4,850,000	<b>7,350,000</b>
ECP-009-08 Corporate Properties Site Assessments/Clean-ups/Demolitions	169 - Pay As You Go - Capital Reserve	0	0	0	200,000	200,000	<b>400,000</b>
ECP-012-07 South Cameron/South Windsor Planning District Infrastructure Improvements	169 - Pay As You Go - Capital Reserve	60,000	0	0	200,000	0	<b>260,000</b>
ECP-012-07 South Cameron/South Windsor Planning District Infrastructure Improvements	6735 - Recovery Of Expenses EXTERNAL	0	0	0	0	0	<b>0</b>
ECP-013-09 La Bella Strada - Erie St. Business Improvement Area Streetscaping	176 - Federal Gas Tax Rebate	0	0	0	0	0	<b>0</b>
ECP-013-09 La Bella Strada - Erie St. Business Improvement Area Streetscaping	6735 - Recovery Of Expenses EXTERNAL	0	0	0	0	0	<b>0</b>
ECP-041-07 New Infrastructure Development - Oversizing Infrastructure (Developer-related)	169 - Pay As You Go - Capital Reserve	100,000	0	450,000	0	100,000	<b>650,000</b>
ENG-002-14 Festival Plaza Retaining Wall - Design & Construction	169 - Pay As You Go - Capital Reserve	0	0	675,000	675,000	0	<b>1,350,000</b>
ENG-002-14 Festival Plaza Retaining Wall - Design & Construction	6735 - Recovery Of Expenses EXTERNAL	0	0	0	0	0	<b>0</b>

Division: **Facility Operations**

ENG-004-16 Corporate Facilities Access Protocols	169 - Pay As You Go - Capital Reserve	150,000	150,000	150,000	50,000	0	<b>500,000</b>
ENG-006-16 Coventry Gardens Peace Fountain Capital Repairs	169 - Pay As You Go - Capital Reserve	100,000	0	0	0	0	<b>100,000</b>
ENG-006-17 Windsor International Aquatic Training Centre – Capital Refurbishments	169 - Pay As You Go - Capital Reserve	0	0	200,000	0	0	<b>200,000</b>
ENG-007-17 Facility Maintenance Equipment Program	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	<b>0</b>
ENG-008-16 400 City Hall Square Workplace Reconfiguration	169 - Pay As You Go - Capital Reserve	0	0	38,000	162,000	0	<b>200,000</b>
ENG-008-17 Generator & Fuel Storage Upgrades	169 - Pay As You Go - Capital Reserve	0	175,000	45,000	0	0	<b>220,000</b>

**City of Windsor**  
**Summary of Capital Budget by Funding Source**  
*For Budget Year: 2017*

	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
ENG-009-17 Festival Plaza - Facility Requirements	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	0
ENG-010-17 Capitol Theatre Capital Improvements	169 - Pay As You Go - Capital Reserve	0	0	0	500,000	0	500,000
ENG-011-17 400 City Hall Square - Capital Repairs	186 - 400 City Hall Square E.	100,000	0	0	0	0	100,000
ENG-014-17 Fire Alarm System Upgrade at the WFCU Centre	169 - Pay As You Go - Capital Reserve	115,000	0	0	0	0	115,000
HCP-001-10 Corporate Facilities Water Backflow Prevention Program	169 - Pay As You Go - Capital Reserve	0	0	0	300,000	0	300,000
HCP-002-07 Corporate Facilities Roof Replacement Program	169 - Pay As You Go - Capital Reserve	1,293,800	471,100	415,400	1,330,500	410,000	3,920,800
HCP-002-09 Fire Hall Capital Refurbishment Program	169 - Pay As You Go - Capital Reserve	150,000	150,000	150,000	150,000	150,000	750,000
HCP-005-08 Corporate Facilities Paving Program	169 - Pay As You Go - Capital Reserve	600,000	100,000	100,000	100,000	100,000	1,000,000
HCP-010-07 Willistead Complex Capital Improvements	169 - Pay As You Go - Capital Reserve	750,000	0	0	0	0	750,000
OPS-007-07 Operations Facilities Improvements	169 - Pay As You Go - Capital Reserve	75,000	25,000	25,000	25,000	25,000	175,000
OPS-011-07 Traffic Operations Facilities Upgrades	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	0
PFO-001-12 Corporate Properties Security Systems and Infrastructure	169 - Pay As You Go - Capital Reserve	50,000	50,000	50,000	50,000	75,000	275,000
PFO-001-15 Huron Lodge Miscellaneous Equipment Replacement	169 - Pay As You Go - Capital Reserve	0	0	60,000	175,000	0	235,000
PFO-002-12 Corporate Facility Maintenance Program - Structural Capital Repairs	169 - Pay As You Go - Capital Reserve	0	50,000	100,000	50,000	50,000	250,000
PFO-002-14 Huron Lodge Facility Improvements	160 - Capital Expenditure Reserve	250,000	0	0	0	0	250,000
PFO-003-11 Corporate Designated Substance Remediation Program	160 - Capital Expenditure Reserve	100,000	100,000	100,000	0	0	300,000
PFO-003-13 Art Gallery of Windsor Capital Improvements	176 - Federal Gas Tax Rebate	0	1,247,160	0	0	0	1,247,160
PFO-003-13 Art Gallery of Windsor Capital Improvements	169 - Pay As You Go - Capital Reserve	0	72,840	125,000	125,000	125,000	447,840
PFO-003-14 Corporate Facilities Boiler Replacement Program	169 - Pay As You Go - Capital Reserve	0	55,000	89,500	0	0	144,500
PFO-004-12 Corporate Facilities Building Condition Assessments	169 - Pay As You Go - Capital Reserve	0	0	50,000	50,000	50,000	150,000
PFO-004-14 Facilities Operations Business Process Improvements	169 - Pay As You Go - Capital Reserve	0	0	0	50,000	0	50,000
PFO-009-11 Corporate Heating & Cooling Replacement/Repair Program	160 - Capital Expenditure Reserve	0	0	62,000	271,000	0	333,000
PFO-009-11 Corporate Heating & Cooling Replacement/Repair Program	169 - Pay As You Go - Capital Reserve	190,000	450,000	438,000	229,000	100,000	1,407,000
PFO-010-11 Corporate Facilities Flooring and Finishes Replacement Program	169 - Pay As You Go - Capital Reserve	100,000	100,000	260,000	100,000	100,000	660,000
PFO-014-07 Corporate Facilities Health & Safety Compliance Upgrades	160 - Capital Expenditure Reserve	150,000	150,000	100,000	100,000	100,000	600,000
REC-004-08 The WFCU Centre Capital Improvements	160 - Capital Expenditure Reserve	250,000	0	200,000	30,000	49,000	529,000
REC-004-08 The WFCU Centre Capital Improvements	169 - Pay As You Go - Capital Reserve	180,000	0	0	0	231,000	411,000
REC-005-07 Corporate Arena Refurbishments	169 - Pay As You Go - Capital Reserve	280,000	250,000	250,000	280,000	250,000	1,310,000
REC-006-07 Mackenzie Hall Repair and Maintenance	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	0

**City of Windsor**  
**Summary of Capital Budget by Funding Source**  
*For Budget Year: 2017*

GL Account	2017	2018	2019	2020	2021	Total	
<b>Division: Infrastructure &amp; Geomatics</b>							
ECP-001-07 Citywide Streetlight Pole/Wiring Upgrades & Relocations	169 - Pay As You Go - Capital Reserve	400,000	700,000	520,000	240,000	500,000	<b>2,360,000</b>
ECP-001-10 Upper Little River Stormwater Management Plan and Implementation	117 - Dev Chg - Storm & Drains	0	315,000	0	0	0	<b>315,000</b>
ECP-001-10 Upper Little River Stormwater Management Plan and Implementation	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	<b>0</b>
ECP-001-10 Upper Little River Stormwater Management Plan and Implementation	028 - Sewer Surcharge	0	185,000	0	0	0	<b>185,000</b>
ECP-002-08 Provincial Rd./Division Rd. Corridor Infrastructure Improvements	115 - Dev Chg - Roads & Related	0	0	0	0	375,000	<b>375,000</b>
ECP-002-08 Provincial Rd./Division Rd. Corridor Infrastructure Improvements	117 - Dev Chg - Storm & Drains	500,000	0	0	700,000	0	<b>1,200,000</b>
ECP-002-08 Provincial Rd./Division Rd. Corridor Infrastructure Improvements	169 - Pay As You Go - Capital Reserve	0	0	0	0	1,625,000	<b>1,625,000</b>
ECP-002-08 Provincial Rd./Division Rd. Corridor Infrastructure Improvements	153 - Sewer Surcharge	0	0	0	0	0	<b>0</b>
ECP-002-08 Provincial Rd./Division Rd. Corridor Infrastructure Improvements	028 - Sewer Surcharge	1,500,000	0	2,000,000	1,150,000	0	<b>4,650,000</b>
ECP-002-10 Banwell Rd. Infrastructure Improvements	115 - Dev Chg - Roads & Related	0	0	0	1,000,000	1,000,000	<b>2,000,000</b>
ECP-002-10 Banwell Rd. Infrastructure Improvements	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	<b>0</b>
ECP-003-07 Grand Marais Rd. Infrastructure Improvements	115 - Dev Chg - Roads & Related	0	340,000	0	0	0	<b>340,000</b>
ECP-003-07 Grand Marais Rd. Infrastructure Improvements	169 - Pay As You Go - Capital Reserve	60,000	0	0	0	0	<b>60,000</b>
ECP-003-08 Howard Ave. South Corridor Infrastructure Improvements	169 - Pay As You Go - Capital Reserve	0	0	0	350,000	0	<b>350,000</b>
ECP-003-09 Cabana Rd. Infrastructure Improvements	115 - Dev Chg - Roads & Related	6,399,000	1,642,675	315,325	175,000	0	<b>8,532,000</b>
ECP-003-09 Cabana Rd. Infrastructure Improvements	117 - Dev Chg - Storm & Drains	69,000	540,000	0	0	0	<b>609,000</b>
ECP-003-09 Cabana Rd. Infrastructure Improvements	6310 - Ontario Specific Grants	0	325,000	0	0	0	<b>325,000</b>
ECP-003-09 Cabana Rd. Infrastructure Improvements	169 - Pay As You Go - Capital Reserve	0	1,552,325	3,515,000	4,350,000	3,175,370	<b>12,592,695</b>
ECP-003-09 Cabana Rd. Infrastructure Improvements	028 - Sewer Surcharge	0	0	0	2,119,674	2,881,372	<b>5,001,046</b>
ECP-004-07 Walker Rd. Infrastructure Improvements	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	<b>0</b>
ECP-004-08 Municipal Drains Capital Improvement Program	028 - Sewer Surcharge	100,000	200,000	0	200,000	200,000	<b>700,000</b>
ECP-004-09 Stormwater and Sanitary Master Plan Development	153 - Sewer Surcharge	0	500,000	0	0	0	<b>500,000</b>
ECP-004-09 Stormwater and Sanitary Master Plan Development	028 - Sewer Surcharge	0	250,000	0	0	0	<b>250,000</b>
ECP-005-07 Tecumseh Rd. E. Infrastructure Improvements	115 - Dev Chg - Roads & Related	0	0	0	0	450,000	<b>450,000</b>
ECP-005-07 Tecumseh Rd. E. Infrastructure Improvements	169 - Pay As You Go - Capital Reserve	0	0	0	50,000	0	<b>50,000</b>



**City of Windsor**  
**Summary of Capital Budget by Funding Source**  
*For Budget Year: 2017*

	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
ECP-005-08 Grand Marais Drain Improvements (Concrete Channel)	028 - Sewer Surcharge	0	0	0	0	0	0
ECP-005-10 Local Improvement Program - Road Rehabilitation	169 - Pay As You Go - Capital Reserve	0	0	250,000	200,000	200,000	650,000
ECP-006-07 Howard Ave. Infrastructure Improvements	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	0
ECP-007-07 Local Improvement Program - Infrastructure	169 - Pay As You Go - Capital Reserve	195,000	345,000	675,000	1,046,100	823,718	3,084,818
ECP-007-07 Local Improvement Program - Infrastructure	6735 - Recovery Of Expenses EXTERNAL	0	80,000	100,000	350,000	130,720	660,720
ECP-007-07 Local Improvement Program - Infrastructure	153 - Sewer Surcharge	65,000	0	225,000	75,000	0	365,000
ECP-007-07 Local Improvement Program - Infrastructure	028 - Sewer Surcharge	0	115,000	0	273,700	545,562	934,262
ECP-008-07 Pedestrian Safety Improvements	160 - Capital Expenditure Reserve	0	0	0	0	0	0
ECP-008-07 Pedestrian Safety Improvements	169 - Pay As You Go - Capital Reserve	0	0	100,000	0	0	100,000
ECP-009-07 Intersection Improvements Program	169 - Pay As You Go - Capital Reserve	0	0	470,000	500,000	500,000	1,470,000
ECP-010-07 East Riverside Planning District Infrastructure Improvements	169 - Pay As You Go - Capital Reserve	0	0	250,000	0	2,078,522	2,328,522
ECP-010-07 East Riverside Planning District Infrastructure Improvements	028 - Sewer Surcharge	0	0	0	0	321,478	321,478
ECP-014-07 City Centre Streetscape Improvements	169 - Pay As You Go - Capital Reserve	0	0	0	350,000	0	350,000
ECP-015-07 McDougall Ave. Infrastructure Improvements	115 - Dev Chg - Roads & Related	0	0	0	0	0	0
ECP-016-07 The Riverside Drive Vista Improvement	115 - Dev Chg - Roads & Related	380,000	0	0	300,000	0	680,000
ECP-016-07 The Riverside Drive Vista Improvement	176 - Federal Gas Tax Rebate	115,000	0	0	0	0	115,000
ECP-016-07 The Riverside Drive Vista Improvement	169 - Pay As You Go - Capital Reserve	185,000	0	0	664,000	0	849,000
ECP-016-07 The Riverside Drive Vista Improvement	028 - Sewer Surcharge	0	280,000	100,000	76,000	0	456,000
ECP-017-07 Local Improvements Program - Sanitary Sewer	6735 - Recovery Of Expenses EXTERNAL	0	300,000	0	0	150,000	450,000
ECP-017-07 Local Improvements Program - Sanitary Sewer	028 - Sewer Surcharge	0	1,700,000	0	0	1,850,000	3,550,000
ECP-022-07 Prince Rd./Totten St. Storm Sewer Improvements - Engineering & Construction	117 - Dev Chg - Storm & Drains	0	125,000	0	25,000	0	150,000
ECP-022-07 Prince Rd./Totten St. Storm Sewer Improvements - Engineering & Construction	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	0
ECP-022-07 Prince Rd./Totten St. Storm Sewer Improvements - Engineering & Construction	028 - Sewer Surcharge	0	0	0	55,000	0	55,000
ECP-023-07 Parent Ave./McDougall Ave. Storm Sewer Engineering & Construction	028 - Sewer Surcharge	0	250,000	0	0	0	250,000
ECP-028-07 Grand Marais Drain Capital Improvements (Existing Naturalized Channel)	117 - Dev Chg - Storm & Drains	0	0	100,000	0	100,000	200,000
ECP-028-07 Grand Marais Drain Capital Improvements (Existing Naturalized Channel)	028 - Sewer Surcharge	0	470,000	2,000,000	0	632,000	3,102,000
ECP-030-07 Riverside Flood Abatement Initiatives - Capital Improvements to Existing Trunk Sewer	028 - Sewer Surcharge	0	0	250,000	250,000	0	500,000
ECP-034-07 Campbell Ave./University Ave. Storm Sewer Engineering & Construction	028 - Sewer Surcharge	2,000,000	125,000	0	3,670,000	0	5,795,000

**City of Windsor**  
**Summary of Capital Budget by Funding Source**  
*For Budget Year: 2017*

	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
ECP-035-07 City Wide Sewer Rehabilitation Program	6310 - Ontario Specific Grants	1,263,000	0	0	0	0	<b>1,263,000</b>
ECP-035-07 City Wide Sewer Rehabilitation Program	6320 - Canada Specific Grants	2,525,000	0	0	0	0	<b>2,525,000</b>
ECP-035-07 City Wide Sewer Rehabilitation Program	6735 - Recovery Of Expenses EXTERNAL	168,000	0	0	0	0	<b>168,000</b>
ECP-035-07 City Wide Sewer Rehabilitation Program	153 - Sewer Surcharge	0	1,768,000	0	0	0	<b>1,768,000</b>
ECP-035-07 City Wide Sewer Rehabilitation Program	028 - Sewer Surcharge	14,160,000	12,647,000	16,410,000	11,156,000	12,000,000	<b>66,373,000</b>
ECP-036-07 Ojibway Sanitary Sewer Rehabilitation	028 - Sewer Surcharge	0	0	0	0	0	<b>0</b>
EDG-001-11 Lauzon Parkway & County Rd. 42 Infrastructure Improvements	115 - Dev Chg - Roads & Related	0	0	0	0	50,000	<b>50,000</b>
EDG-001-11 Lauzon Parkway & County Rd. 42 Infrastructure Improvements	169 - Pay As You Go - Capital Reserve	0	0	0	0	1,450,000	<b>1,450,000</b>
EDG-001-11 Lauzon Parkway & County Rd. 42 Infrastructure Improvements	153 - Sewer Surcharge	0	0	0	0	0	<b>0</b>
EDG-001-11 Lauzon Parkway & County Rd. 42 Infrastructure Improvements	028 - Sewer Surcharge	0	0	0	0	500,000	<b>500,000</b>
EIT-001-11 Local Improvement Program - Street Lighting	169 - Pay As You Go - Capital Reserve	0	0	100,000	0	100,000	<b>200,000</b>
ENG-001-13 Capital Improvements to Little River Steel Retaining Walls	028 - Sewer Surcharge	1,000,000	500,000	0	1,000,000	0	<b>2,500,000</b>
ENG-001-16 Sixth Concession Rd./North Talbot Rd. Infrastructure Improvements	115 - Dev Chg - Roads & Related	0	0	0	0	300,000	<b>300,000</b>
ENG-002-12 Local Improvement Program - Sidewalks	169 - Pay As You Go - Capital Reserve	0	0	50,000	0	50,000	<b>100,000</b>
ENG-002-16 Capital Improvements to Little River Municipal Drain (Lauzon Rd. to VIA Tracks)	115 - Dev Chg - Roads & Related	0	0	0	50,000	0	<b>50,000</b>
ENG-002-16 Capital Improvements to Little River Municipal Drain (Lauzon Rd. to VIA Tracks)	028 - Sewer Surcharge	0	0	0	50,000	0	<b>50,000</b>
ENG-002-17 Bus Bay Program	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	<b>0</b>
ENG-003-13 Sixth Concession Municipal Drain - Land Acquisition & Capital Improvements	028 - Sewer Surcharge	0	150,000	200,000	500,000	200,000	<b>1,050,000</b>
ENG-003-17 New Streetlights on Collectors and Arterials	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	<b>0</b>
ENG-004-17 East Marsh Drain Study	153 - Sewer Surcharge	150,000	0	0	0	0	<b>150,000</b>
ENG-005-17 Central Box EA Road and Infrastructure Improvements	115 - Dev Chg - Roads & Related	0	0	90,000	0	0	<b>90,000</b>
ENG-005-17 Central Box EA Road and Infrastructure Improvements	169 - Pay As You Go - Capital Reserve	0	0	130,000	500,000	0	<b>630,000</b>
ENG-007-16 Basement Flooding Abatement Measures	028 - Sewer Surcharge	2,500,000	2,700,000	640,000	1,100,000	2,250,000	<b>9,190,000</b>
ENG-009-16 North Talbot Rd. Environmental Assessment/Southwood Lakes Entrance Reconstruction	169 - Pay As You Go - Capital Reserve	0	0	0	600,000	0	<b>600,000</b>
ENG-015-17 Sewer Rehabilitation - Mount Carmel - Cabana to Lennon Drain	6310 - Ontario Specific Grants	575,000	0	0	0	0	<b>575,000</b>
ENG-015-17 Sewer Rehabilitation - Mount Carmel - Cabana to Lennon Drain	6320 - Canada Specific Grants	1,150,000	0	0	0	0	<b>1,150,000</b>

**City of Windsor**  
**Summary of Capital Budget by Funding Source**  
*For Budget Year: 2017*

	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
ENG-015-17 Sewer Rehabilitation - Mount Carmel - Cabana to Lennon Drain	6735 - Recovery Of Expenses EXTERNAL	75,000	0	0	0	0	<b>75,000</b>
ENG-015-17 Sewer Rehabilitation - Mount Carmel - Cabana to Lennon Drain	028 - Sewer Surcharge	0	500,000	0	0	0	<b>500,000</b>
ENG-016-17 Campbell/University Area Storm Drainage - Environmental Assessment/Master Plan	6310 - Ontario Specific Grants	100,000	0	0	0	0	<b>100,000</b>
ENG-016-17 Campbell/University Area Storm Drainage - Environmental Assessment/Master Plan	6320 - Canada Specific Grants	200,000	0	0	0	0	<b>200,000</b>
ENG-016-17 Campbell/University Area Storm Drainage - Environmental Assessment/Master Plan	028 - Sewer Surcharge	0	100,000	0	0	0	<b>100,000</b>
<b>Division: Pollution Control</b>							
ENG-012-17 ESR for Riverfront CSO Downstream of CMH Woods Pump Station/LRWRP Wet Weather Flows	6310 - Ontario Specific Grants	0	75,000	0	0	0	<b>75,000</b>
ENG-012-17 ESR for Riverfront CSO Downstream of CMH Woods Pump Station/LRWRP Wet Weather Flows	6320 - Canada Specific Grants	0	75,000	0	0	0	<b>75,000</b>
ENG-012-17 ESR for Riverfront CSO Downstream of CMH Woods Pump Station/LRWRP Wet Weather Flows	169 - Pay As You Go - Capital Reserve	0	150,000	0	0	0	<b>150,000</b>
ENG-012-17 ESR for Riverfront CSO Downstream of CMH Woods Pump Station/LRWRP Wet Weather Flows	028 - Sewer Surcharge	0	0	0	0	0	<b>0</b>
ENG-013-17 Malden Landfill Gas Migration	169 - Pay As You Go - Capital Reserve	0	79,000	881,000	0	0	<b>960,000</b>
ENG-013-17 Malden Landfill Gas Migration	145 - Windsor Waste Management	1,608,000	0	0	0	0	<b>1,608,000</b>
ENG-013-17 Malden Landfill Gas Migration	028 - Sewer Surcharge	40,000	0	0	0	0	<b>40,000</b>
ENG-017-17 Pontiac Pumping Station - Capacity Study	6310 - Ontario Specific Grants	62,500	0	0	0	0	<b>62,500</b>
ENG-017-17 Pontiac Pumping Station - Capacity Study	6320 - Canada Specific Grants	125,000	0	0	0	0	<b>125,000</b>
ENG-017-17 Pontiac Pumping Station - Capacity Study	028 - Sewer Surcharge	0	62,500	0	0	0	<b>62,500</b>
ENG-018-17 St. Paul Pumping Station - Capacity Study	6310 - Ontario Specific Grants	62,500	0	0	0	0	<b>62,500</b>
ENG-018-17 St. Paul Pumping Station - Capacity Study	6320 - Canada Specific Grants	125,000	0	0	0	0	<b>125,000</b>
ENG-018-17 St. Paul Pumping Station - Capacity Study	028 - Sewer Surcharge	0	62,500	0	0	0	<b>62,500</b>
ENG-020-17 LRWRP Dry Well Reliability Issues	6310 - Ontario Specific Grants	87,500	0	0	0	0	<b>87,500</b>
ENG-020-17 LRWRP Dry Well Reliability Issues	6320 - Canada Specific Grants	175,000	0	0	0	0	<b>175,000</b>
ENG-020-17 LRWRP Dry Well Reliability Issues	028 - Sewer Surcharge	0	87,500	0	0	0	<b>87,500</b>
ENG-021-17 Maplewood Pumping Station - Odour Control System	6310 - Ontario Specific Grants	137,500	0	0	0	0	<b>137,500</b>
ENG-021-17 Maplewood Pumping Station - Odour Control System	6320 - Canada Specific Grants	275,000	0	0	0	0	<b>275,000</b>
ENG-021-17 Maplewood Pumping Station - Odour Control System	028 - Sewer Surcharge	0	137,500	0	0	0	<b>137,500</b>
ENG-022-17 LRWRP Back Wash Tanks	6310 - Ontario Specific Grants	187,500	0	0	0	0	<b>187,500</b>
ENG-022-17 LRWRP Back Wash Tanks	6320 - Canada Specific Grants	375,000	0	0	0	0	<b>375,000</b>

**City of Windsor**  
**Summary of Capital Budget by Funding Source**  
*For Budget Year: 2017*

	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
ENG-022-17 LRWRP Back Wash Tanks	028 - Sewer Surcharge	0	187,500	0	0	0	<b>187,500</b>
ENV-001-08 Lou Romano Water Reclamation Plant Capital Improvements	131 - West Windsor PCP	2,105,000	1,510,000	1,450,000	950,000	2,150,000	<b>8,165,000</b>
ENV-002-08 Little River Pollution Control Plant Capital Improvements	132 - Little River PCP	1,920,000	1,095,000	2,755,000	525,000	575,000	<b>6,870,000</b>
ENV-003-08 Pumping Stations Capital Improvements	133 - Pumping Stations	1,400,000	250,000	2,030,000	390,000	2,850,000	<b>6,920,000</b>
<b>Total for Division: Development, Projects &amp; Right of Way</b>		<b>50,199,816</b>	<b>37,319,760</b>	<b>44,687,289</b>	<b>40,192,974</b>	<b>46,978,742</b>	<b>219,378,581</b>
<b>Department: Parks</b>							
<b>Division: Forestry</b>							
PFO-007-11 Tree Maintenance Backlog	160 - Capital Expenditure Reserve	0	115,000	0	53,000	500,000	<b>668,000</b>
PFO-007-11 Tree Maintenance Backlog	169 - Pay As You Go - Capital Reserve	250,000	595,000	500,000	447,000	0	<b>1,792,000</b>
<b>Division: Horticulture</b>							
PFO-001-16 New Greenhouse Complex Construction and Refurbishments	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	<b>0</b>
<b>Division: Parks Operations</b>							
PFO-001-14 Central Riverfront Park Improvements	169 - Pay As You Go - Capital Reserve	0	0	3,000,000	500,000	2,450,000	<b>5,950,000</b>
PFO-001-17 Adult Exercise Equipment	169 - Pay As You Go - Capital Reserve	0	0	0	0	50,000	<b>50,000</b>
PFO-002-15 Accessible Playgrounds Program	169 - Pay As You Go - Capital Reserve	0	2,000,000	0	0	1,500,000	<b>3,500,000</b>
PFO-002-16 Realtor Park Splash Pad/Washroom Placeholder	169 - Pay As You Go - Capital Reserve	0	0	0	500,000	0	<b>500,000</b>
PFO-003-15 Central Riverfront Implementation Plan (C.R.I.P.) Placeholder	169 - Pay As You Go - Capital Reserve	0	2,300,000	0	0	0	<b>2,300,000</b>
PFO-003-17 GPS Laser Line Painting Equipment	169 - Pay As You Go - Capital Reserve	0	0	0	50,000	0	<b>50,000</b>
PFO-005-12 Regional Parks Initiatives	160 - Capital Expenditure Reserve	500,000	0	219,000	0	0	<b>719,000</b>
PFO-005-12 Regional Parks Initiatives	169 - Pay As You Go - Capital Reserve	0	500,000	281,000	0	0	<b>781,000</b>
PFO-005-12 Regional Parks Initiatives	151 - Land Acquisitions - O/T Highways	0	0	0	0	750,000	<b>750,000</b>
PFO-006-12 Community Parks Initiatives	169 - Pay As You Go - Capital Reserve	250,000	0	500,000	0	0	<b>750,000</b>
PFO-006-12 Community Parks Initiatives	151 - Land Acquisitions - O/T Highways	0	0	0	500,000	250,000	<b>750,000</b>
PFO-007-12 Neighbourhood Parks Initiatives	160 - Capital Expenditure Reserve	250,000	0	0	0	0	<b>250,000</b>
PFO-007-12 Neighbourhood Parks Initiatives	169 - Pay As You Go - Capital Reserve	0	0	500,000	0	0	<b>500,000</b>
PFO-007-12 Neighbourhood Parks Initiatives	151 - Land Acquisitions - O/T Highways	0	0	0	500,000	250,000	<b>750,000</b>
PFO-008-12 New Park Design/Development/Construction	151 - Land Acquisitions - O/T Highways	300,000	0	0	0	300,000	<b>600,000</b>
PFO-009-12 Park Bridges/Shelters/Buildings/Shore Wall Capital Improvements	169 - Pay As You Go - Capital Reserve	50,000	0	100,000	100,000	100,000	<b>350,000</b>

**City of Windsor**  
**Summary of Capital Budget by Funding Source**  
*For Budget Year: 2017*

	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
PFO-011-12 Beautification of Civic Gateways and Other Open Spaces	160 - Capital Expenditure Reserve	0	0	0	500,000	500,000	<b>1,000,000</b>
PFO-011-12 Beautification of Civic Gateways and Other Open Spaces	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	<b>0</b>
PFO-012-12 Park Trails Capital Improvements	169 - Pay As You Go - Capital Reserve	200,000	0	200,000	200,000	200,000	<b>800,000</b>
PFO-013-12 Park-related Parking Lots Capital Upgrades	169 - Pay As You Go - Capital Reserve	0	0	1,000,000	500,000	200,000	<b>1,700,000</b>
PFO-014-12 Park Community Partnership Initiatives	169 - Pay As You Go - Capital Reserve	25,000	0	25,000	25,000	25,000	<b>100,000</b>
PFO-015-12 Parks Master Plan	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	<b>0</b>
PFO-016-12 Parkland Acquisitions	151 - Land Acquisitions - O/T Highways	0	0	0	0	0	<b>0</b>
PFO-017-12 Playground Equipment Removal	160 - Capital Expenditure Reserve	50,000	0	0	0	0	<b>50,000</b>
PFO-017-12 Playground Equipment Removal	169 - Pay As You Go - Capital Reserve	50,000	0	100,000	0	100,000	<b>250,000</b>
<b>Total for Division: Forestry</b>		<b>1,925,000</b>	<b>5,510,000</b>	<b>6,425,000</b>	<b>3,875,000</b>	<b>7,175,000</b>	<b>24,910,000</b>
<b>Department: Public Works Operations</b>							
<b>Division: Contracts, Field Services &amp; Maintenance</b>							
OPS-001-07 Road Rehabilitation - Various Locations Program	176 - Federal Gas Tax Rebate	7,787,000	8,887,000	9,239,090	8,877,000	8,000,000	<b>42,790,090</b>
OPS-001-11 Minor Alley Maintenance Program	169 - Pay As You Go - Capital Reserve	100,000	0	100,000	100,000	100,000	<b>400,000</b>
OPS-002-10 Civic Gateway Corridor Enhancements	169 - Pay As You Go - Capital Reserve	0	0	200,000	0	0	<b>200,000</b>
OPS-002-11 Minor Road Rehabilitation Program	176 - Federal Gas Tax Rebate	136,516	0	395,000	156,516	0	<b>688,032</b>
OPS-002-11 Minor Road Rehabilitation Program	169 - Pay As You Go - Capital Reserve	113,484	0	5,000	93,484	250,000	<b>461,968</b>
OPS-002-14 Enhanced Capital Budget Road Rehabilitation Placeholder	169 - Pay As You Go - Capital Reserve	0	5,489,000	0	0	0	<b>5,489,000</b>
OPS-003-07 Bridge Rehabilitation Program	176 - Federal Gas Tax Rebate	4,000,000	2,500,000	3,200,000	3,000,000	4,034,000	<b>16,734,000</b>
OPS-003-07 Bridge Rehabilitation Program	169 - Pay As You Go - Capital Reserve	0	0	0	399,000	0	<b>399,000</b>
OPS-004-07 Sidewalk Rehabilitation Program	176 - Federal Gas Tax Rebate	500,000	0	0	0	0	<b>500,000</b>
OPS-004-07 Sidewalk Rehabilitation Program	169 - Pay As You Go - Capital Reserve	0	0	700,000	700,000	800,000	<b>2,200,000</b>
OPS-005-07 Railway Lands Fencing	169 - Pay As You Go - Capital Reserve	0	50,000	50,000	0	0	<b>100,000</b>
OPS-005-07 Railway Lands Fencing	6735 - Recovery Of Expenses EXTERNAL	0	50,000	50,000	0	0	<b>100,000</b>
OPS-006-07 "At-Grade" Railway Crossings Capital Improvements	6320 - Canada Specific Grants	0	0	275,000	0	0	<b>275,000</b>
OPS-006-07 "At-Grade" Railway Crossings Capital Improvements	169 - Pay As You Go - Capital Reserve	100,000	137,500	325,000	72,500	100,000	<b>735,000</b>
OPS-006-07 "At-Grade" Railway Crossings Capital Improvements	6735 - Recovery Of Expenses EXTERNAL	0	137,500	225,000	12,500	100,000	<b>475,000</b>
OPS-008-16 Devon Dr. Reconstruction - South Service Rd. to Sydney Ave.	169 - Pay As You Go - Capital Reserve	0	0	0	1,500,000	0	<b>1,500,000</b>

**City of Windsor**  
**Summary of Capital Budget by Funding Source**  
*For Budget Year: 2017*

	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
OPS-009-16 North Service Rd. Reconstruction	169 - Pay As You Go - Capital Reserve	0	0	0	2,100,000	0	<b>2,100,000</b>
OPS-010-16 Wyandotte St. Mill and Pave - Watson Ave. to Riverdale Ave.	169 - Pay As You Go - Capital Reserve	0	0	0	300,000	0	<b>300,000</b>
OPS-019-17 Storm & Waste - Data Acquisition	6310 - Ontario Specific Grants	282,500	0	0	0	0	<b>282,500</b>
OPS-019-17 Storm & Waste - Data Acquisition	6320 - Canada Specific Grants	565,000	0	0	0	0	<b>565,000</b>
OPS-019-17 Storm & Waste - Data Acquisition	028 - Sewer Surcharge	0	282,500	0	0	0	<b>282,500</b>
OPS-023-17 South National Relining	6310 - Ontario Specific Grants	187,500	0	0	0	0	<b>187,500</b>
OPS-023-17 South National Relining	6320 - Canada Specific Grants	375,000	0	0	0	0	<b>375,000</b>
OPS-023-17 South National Relining	028 - Sewer Surcharge	0	187,500	0	0	0	<b>187,500</b>
OPS-024-17 Rossini Street Relining	6310 - Ontario Specific Grants	35,000	0	0	0	0	<b>35,000</b>
OPS-024-17 Rossini Street Relining	6320 - Canada Specific Grants	70,000	0	0	0	0	<b>70,000</b>
OPS-024-17 Rossini Street Relining	028 - Sewer Surcharge	0	35,000	0	0	0	<b>35,000</b>
OPS-025-17 Storm Extension to Railway at College and Crawford	6310 - Ontario Specific Grants	118,113	0	0	0	0	<b>118,113</b>
OPS-025-17 Storm Extension to Railway at College and Crawford	6320 - Canada Specific Grants	236,226	0	0	0	0	<b>236,226</b>
OPS-025-17 Storm Extension to Railway at College and Crawford	028 - Sewer Surcharge	0	125,661	0	0	0	<b>125,661</b>
<b>Division: Environmental Services</b>							
OPS-004-17 Monitoring Cameras	169 - Pay As You Go - Capital Reserve	50,000	0	0	0	0	<b>50,000</b>
<b>Division: Fleet</b>							
FRS-001-07 Fire & Rescue First Response Vehicle Replacement Program	163 - Fire Major Equipment	636,000	0	47,000	52,000	58,000	<b>793,000</b>
OPS-001-15 Parks Equipment Replacement Program	197 - Off Road Fleet Replacement	459,000	617,000	279,000	733,000	800,000	<b>2,888,000</b>
OPS-001-17 Fuel Site Equipment Replacement	169 - Pay As You Go - Capital Reserve	0	0	0	20,000	0	<b>20,000</b>
OPS-002-16 Corporate Fuel Site Automation Initiatives	169 - Pay As You Go - Capital Reserve	0	0	0	0	50,000	<b>50,000</b>
OPS-002-17 Fuel Site Improvements	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	<b>0</b>
OPS-005-08 Corporate Fleet Replacement Program	136 - Equipment Replacement	1,021,000	2,610,000	2,164,000	1,908,000	992,000	<b>8,695,000</b>
OPS-005-16 FleetFocus Web Modules	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	<b>0</b>
OPS-022-07 Purchase of Additional Fleet Equipment	128 - Dev Chg - PW/Build/Equip/Fleet	145,000	0	0	0	0	<b>145,000</b>
OPS-022-07 Purchase of Additional Fleet Equipment	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	<b>0</b>
<b>Division: Traffic Ops, Parking &amp; Trans. Planning</b>							
OPS-001-10 Traffic Signal LED Replacement Program	169 - Pay As You Go - Capital Reserve	0	0	350,000	450,000	200,000	<b>1,000,000</b>
OPS-001-13 Parking Equipment Replacement Program	138 - Off Street Parking	62,000	80,000	100,000	100,000	100,000	<b>442,000</b>

## City of Windsor Summary of Capital Budget by Funding Source

For Budget Year: 2017

	GL Account	2017	2018	2019	2020	2021	Total
OPS-002-09 Video Detection Infrastructure & Equipment Upgrade/Replacement Program	169 - Pay As You Go - Capital Reserve	500,000	0	500,000	400,000	400,000	1,800,000
OPS-003-11 Parking Enforcement Handheld Unit Replacement Program	169 - Pay As You Go - Capital Reserve	0	0	0	0	175,000	175,000
OPS-003-14 University Avenue Environmental Assessment Placeholder	169 - Pay As You Go - Capital Reserve	0	5,000,000	0	0	0	5,000,000
OPS-003-16 Accessibility - Audible Pedestrian Signals Implementation (AODA)	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	0
OPS-007-16 Cabana Rd. Pavement Markings	169 - Pay As You Go - Capital Reserve	0	0	0	110,000	0	110,000
OPS-009-07 Transportation Planning Environmental Study Reports (ESRs)	169 - Pay As You Go - Capital Reserve	100,000	0	100,000	100,000	100,000	400,000
OPS-010-07 Advanced Traffic Management System (ATMS) - Capital Software/Hardware Upgrades	176 - Federal Gas Tax Rebate	200,000	600,000	600,000	600,000	600,000	2,600,000
OPS-012-07 Traffic Signals - Capital Upgrades and Replacements	176 - Federal Gas Tax Rebate	200,000	200,000	0	200,000	200,000	800,000
OPS-012-07 Traffic Signals - Capital Upgrades and Replacements	169 - Pay As You Go - Capital Reserve	100,000	0	200,000	100,000	100,000	500,000
OPS-014-07 Citywide Bikeway Development Initiatives	176 - Federal Gas Tax Rebate	0	0	0	600,000	600,000	1,200,000
OPS-014-07 Citywide Bikeway Development Initiatives	160 - Capital Expenditure Reserve	100,000	500,000	0	0	0	600,000
OPS-014-07 Citywide Bikeway Development Initiatives	169 - Pay As You Go - Capital Reserve	300,000	0	600,000	0	0	900,000
OPS-018-07 Parking Garage Capital Improvements	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	0
OPS-018-07 Parking Garage Capital Improvements	138 - Off Street Parking	300,000	300,000	600,000	600,000	1,100,000	2,900,000
OPS-019-07 New Parking Lot Development	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	0
OPS-019-07 New Parking Lot Development	138 - Off Street Parking	0	0	150,000	150,000	150,000	450,000
OPS-020-07 Parking Lot Rehabilitation Program	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	0
OPS-020-07 Parking Lot Rehabilitation Program	138 - Off Street Parking	0	0	50,000	150,000	150,000	350,000
OPS-021-07 Traffic Calming Initiatives	160 - Capital Expenditure Reserve	0	100,000	169,000	106,000	0	375,000
<b>Total for Division: Contracts, Field Services &amp; Maintenance</b>		<b>18,779,339</b>	<b>27,888,661</b>	<b>20,673,090</b>	<b>23,690,000</b>	<b>19,159,000</b>	<b>110,190,090</b>
<b>Total for Service Area: Office of the City Engineer (OCE)</b>		<b>70,904,155</b>	<b>70,718,421</b>	<b>71,785,379</b>	<b>67,757,974</b>	<b>73,312,742</b>	<b>354,478,671</b>

Service Area: **Office of the City Solicitor (OCS)**

Department: **Fire & Rescue**

Division: **Fire Operations**

FRS-002-17 Portable Restroom for Fire & Rescue (on scene)	163 - Fire Major Equipment	20,000	0	0	0	0	20,000
FRS-003-13 New Fire Headquarters - Station #1	169 - Pay As You Go - Capital Reserve	0	0	0	0	1,000,000	1,000,000
FRS-004-16 Fire & Rescue Apparatus Technology-aided Solutions	163 - Fire Major Equipment	130,000	0	0	0	0	130,000

**City of Windsor**  
**Summary of Capital Budget by Funding Source**  
*For Budget Year: 2017*

GL Account		2017	2018	2019	2020	2021	Total
<b>Division: Fire Support Services</b>							
FRS-001-15 Fire & Rescue GPS Traffic Pre-emption Technology Infrastructure	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	0
FRS-002-07 Fire & Rescue Computer-aided Dispatch System (CRISYS) Upgrade	170 - Pay As You Go - Leasing Reserve	0	0	50,000	0	0	50,000
FRS-002-16 Fire Engine Portable Hoists	169 - Pay As You Go - Capital Reserve	0	0	0	0	80,000	80,000
FRS-003-16 Fire Education Materials, Displays & Equipment	169 - Pay As You Go - Capital Reserve	0	0	0	20,000	0	20,000
FRS-004-07 Breathing Apparatus Replacement	169 - Pay As You Go - Capital Reserve	0	300,000	0	0	0	300,000
<b>Total for Division: Fire Operations</b>		<b>150,000</b>	<b>300,000</b>	<b>50,000</b>	<b>20,000</b>	<b>1,080,000</b>	<b>1,600,000</b>
<b>Department: Legal</b>							
<b>Division: Legal, Real Estate &amp; Risk Mgmt</b>							
ENG-005-16 2437 Howard Ave. Improvements Placeholder	169 - Pay As You Go - Capital Reserve	250,000	0	0	0	0	250,000
LGL-001-17 Former Marlborough Community Centre	160 - Capital Expenditure Reserve	0	0	0	0	0	0
LGL-002-17 Demolition of Transitional Buildings	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	0
LGL-003-17 Confidential Property Related Matters - In-Camera Items	169 - Pay As You Go - Capital Reserve	0	1,000,000	100,000	4,100,000	500,000	5,700,000
<b>Total for Division: Legal, Real Estate &amp; Risk Mgmt</b>		<b>250,000</b>	<b>1,000,000</b>	<b>100,000</b>	<b>4,100,000</b>	<b>500,000</b>	<b>5,950,000</b>
<b>Department: Planning &amp; Building</b>							
<b>Division: Development</b>							
PBG-001-14 Alley Closing Subsidy Pilot Program	169 - Pay As You Go - Capital Reserve	0	790,000	0	0	0	790,000
<b>Division: Policy &amp; Design</b>							
PBG-002-14 Ontario's Investment Ready Certified Sites Program - Airport Cargo Hub West	169 - Pay As You Go - Capital Reserve	0	0	0	0	50,000	50,000
PLN-007-07 Growth Management Plan Review and Implementation	169 - Pay As You Go - Capital Reserve	0	0	100,000	0	0	100,000
PLN-008-07 "Green Windsor" Protection and Funding Strategy	169 - Pay As You Go - Capital Reserve	0	0	80,000	0	0	80,000
PLN-010-07 Heritage Preservation Study and Identification of Incentives	169 - Pay As You Go - Capital Reserve	0	0	0	0	435,000	435,000
PLN-010-07 Heritage Preservation Study and Identification of Incentives	7052 - TRANSFER From Capital Projects	0	150,000	0	0	0	150,000
PLN-017-07 Business Improvement Area Assistance Program	169 - Pay As You Go - Capital Reserve	0	150,000	0	150,000	0	300,000



**City of Windsor**  
**Summary of Capital Budget by Funding Source**  
*For Budget Year: 2017*

GL Account	2017	2018	2019	2020	2021	Total	
<b>Division: Urban Design</b>							
PLN-005-07 Planning & Building E-Plan & E-Permit Review and Implementation	169 - Pay As You Go - Capital Reserve	88,000	210,000	10,000	0	0	<b>308,000</b>
PLN-012-07 City Centre Community Development Plan	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	<b>0</b>
PLN-018-07 Neighbourhood Studies and Design Guidelines	169 - Pay As You Go - Capital Reserve	0	0	100,000	100,000	25,000	<b>225,000</b>
PLN-021-07 City Hall Square and Civic Esplanade	169 - Pay As You Go - Capital Reserve	0	0	500,000	258,000	300,000	<b>1,058,000</b>
<b>Total for Division: Development</b>		<b>88,000</b>	<b>1,300,000</b>	<b>790,000</b>	<b>508,000</b>	<b>810,000</b>	<b>3,496,000</b>
<b>Total for Service Area: Office of the City Solicitor (OCS)</b>		<b>488,000</b>	<b>2,600,000</b>	<b>940,000</b>	<b>4,628,000</b>	<b>2,390,000</b>	<b>11,046,000</b>

**Service Area: Transportation Services Office (TSO)**

**Department: Transit Windsor**

**Division: Administration - Transit Windsor**

TRN-003-07 Transit Windsor Customer Service Improvements - Shelters/Signage/Amenities	127 - Dev Chg - Transit	0	0	0	0	0	<b>0</b>
TRN-004-07 Transit Windsor Master Plan Implementation	169 - Pay As You Go - Capital Reserve	0	0	0	0	50,000	<b>50,000</b>
TRN-005-17 Transit Windsor Service Delivery Review and Project Management	6320 - Canada Specific Grants	275,000	0	0	0	0	<b>275,000</b>
TRN-005-17 Transit Windsor Service Delivery Review and Project Management	169 - Pay As You Go - Capital Reserve	50,000	0	175,000	50,000	0	<b>275,000</b>
TRN-008-17 Transit Windsor Fare Structure Review	6320 - Canada Specific Grants	195,000	0	0	0	0	<b>195,000</b>
TRN-008-17 Transit Windsor Fare Structure Review	169 - Pay As You Go - Capital Reserve	0	0	0	20,000	0	<b>20,000</b>
TRN-008-17 Transit Windsor Fare Structure Review	7052 - TRANSFER From Capital Projects	175,000	0	0	0	0	<b>175,000</b>

**Division: Transit Maintenance**

TRN-001-07 Transit Windsor Fleet Replacement Program	169 - Pay As You Go - Capital Reserve	0	0	763,108	2,085,500	3,010,500	<b>5,859,108</b>
TRN-001-08 Transit Windsor Smart Bus Technology/Intelligent Transportation System (ITS) Initiative	160 - Capital Expenditure Reserve	0	0	220,000	0	0	<b>220,000</b>
TRN-001-08 Transit Windsor Smart Bus Technology/Intelligent Transportation System (ITS) Initiative	169 - Pay As You Go - Capital Reserve	0	0	280,000	0	0	<b>280,000</b>
TRN-001-16 Transit Windsor Fleet Refurbishment/Repair Costs	160 - Capital Expenditure Reserve	0	500,000	0	0	500,000	<b>1,000,000</b>
TRN-001-16 Transit Windsor Fleet Refurbishment/Repair Costs	169 - Pay As You Go - Capital Reserve	500,000	0	500,000	500,000	0	<b>1,500,000</b>
TRN-002-08 Transit Windsor Fleet Structural Repairs	160 - Capital Expenditure Reserve	0	0	0	0	0	<b>0</b>
TRN-002-08 Transit Windsor Fleet Structural Repairs	169 - Pay As You Go - Capital Reserve	0	0	2,500	0	300,000	<b>302,500</b>
TRN-002-13 Transit Windsor Fuel System Improvements Initiative	6320 - Canada Specific Grants	50,000	0	0	0	0	<b>50,000</b>

**City of Windsor**  
**Summary of Capital Budget by Funding Source**  
*For Budget Year: 2017*

	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
TRN-002-13 Transit Windsor Fuel System Improvements Initiative	169 - Pay As You Go - Capital Reserve	0	0	55,000	0	0	<b>55,000</b>
TRN-005-07 Handi-Transit Bus Acquisitions	169 - Pay As You Go - Capital Reserve	0	0	480,000	240,000	0	<b>720,000</b>
TRN-010-17 Acquisition of 40' Clean Diesel Buses	6320 - Canada Specific Grants	6,247,392	0	0	0	0	<b>6,247,392</b>
TRN-010-17 Acquisition of 40' Clean Diesel Buses	169 - Pay As You Go - Capital Reserve	0	4,000,000	2,247,392	0	0	<b>6,247,392</b>
TRN-011-17 Implementation of a Hybrid Bus Refurbishing Program	6320 - Canada Specific Grants	600,000	0	0	0	0	<b>600,000</b>
TRN-011-17 Implementation of a Hybrid Bus Refurbishing Program	160 - Capital Expenditure Reserve	600,000	0	0	0	0	<b>600,000</b>
TRN-012-17 Rehabilitation of Concrete Surfaces/Drains in Fuelling and Cleaning Area of the Maintenance Garage	6320 - Canada Specific Grants	35,000	0	0	0	0	<b>35,000</b>
TRN-012-17 Rehabilitation of Concrete Surfaces/Drains in Fuelling and Cleaning Area of the Maintenance Garage	169 - Pay As You Go - Capital Reserve	0	0	5,000	0	0	<b>5,000</b>
TRN-012-17 Rehabilitation of Concrete Surfaces/Drains in Fuelling and Cleaning Area of the Maintenance Garage	7052 - TRANSFER From Capital Projects	30,000	0	0	0	0	<b>30,000</b>
TRN-013-17 Rehabilitation of Concrete Surfaces throughout the Maintenance Garage	6320 - Canada Specific Grants	50,000	0	0	0	0	<b>50,000</b>
TRN-013-17 Rehabilitation of Concrete Surfaces throughout the Maintenance Garage	169 - Pay As You Go - Capital Reserve	0	0	50,000	0	0	<b>50,000</b>
TRN-014-17 Replacement Of Three High-Speed Doors in the Maintenance Garage	6320 - Canada Specific Grants	45,000	0	0	0	0	<b>45,000</b>
TRN-014-17 Replacement Of Three High-Speed Doors in the Maintenance Garage	169 - Pay As You Go - Capital Reserve	0	0	45,000	0	0	<b>45,000</b>
TRN-017-17 Installation of an Exhaust Unit for Improved Ventilation at Main Transit Terminal	6320 - Canada Specific Grants	375,000	0	0	0	0	<b>375,000</b>
TRN-017-17 Installation of an Exhaust Unit for Improved Ventilation at Main Transit Terminal	169 - Pay As You Go - Capital Reserve	0	0	0	375,000	0	<b>375,000</b>
TRN-018-17 Acquisition of a Commercial Grade Floor Sweeper for Maintenance Garage Floor	6320 - Canada Specific Grants	42,500	0	0	0	0	<b>42,500</b>
TRN-018-17 Acquisition of a Commercial Grade Floor Sweeper for Maintenance Garage Floor	169 - Pay As You Go - Capital Reserve	0	0	0	42,500	0	<b>42,500</b>
TRN-019-17 Acquisition of a Commercial Grade Parts Washer for the Maintenance Garage	6320 - Canada Specific Grants	37,500	0	0	0	0	<b>37,500</b>
TRN-019-17 Acquisition of a Commercial Grade Parts Washer for the Maintenance Garage	169 - Pay As You Go - Capital Reserve	0	0	37,500	0	0	<b>37,500</b>
TRN-021-17 Acquisition of Fleet Inspection Equipment to Support the Bus Rehabilitation Program	6320 - Canada Specific Grants	387,500	0	0	0	0	<b>387,500</b>
TRN-021-17 Acquisition of Fleet Inspection Equipment to Support the Bus Rehabilitation Program	169 - Pay As You Go - Capital Reserve	0	0	0	387,500	0	<b>387,500</b>
<b>Division: Transit Operations</b>							
TRN-001-17 Transit Windsor - Building Maintenance	169 - Pay As You Go - Capital Reserve	0	0	0	0	0	<b>0</b>
TRN-002-17 Transit Maintenance - Safety Assessment at Transit Windsor Property	6320 - Canada Specific Grants	90,000	0	0	0	0	<b>90,000</b>

**City of Windsor**  
**Summary of Capital Budget by Funding Source**  
*For Budget Year: 2017*

	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
TRN-002-17 Transit Maintenance - Safety Assessment at Transit Windsor Property	169 - Pay As You Go - Capital Reserve	0	0	180,000	0	0	<b>180,000</b>
TRN-003-17 Transit Windsor - West End Terminal	6320 - Canada Specific Grants	100,000	0	0	0	0	<b>100,000</b>
TRN-003-17 Transit Windsor - West End Terminal	169 - Pay As You Go - Capital Reserve	100,000	0	0	0	0	<b>100,000</b>
TRN-004-17 Automatic Passenger Counter	6320 - Canada Specific Grants	100,000	0	0	0	0	<b>100,000</b>
TRN-004-17 Automatic Passenger Counter	7052 - TRANSFER From Capital Projects	100,000	0	0	0	0	<b>100,000</b>
TRN-006-17 Additional Intelligent Transportation System Laptops For On Road Supervisory Support Vehicles	6320 - Canada Specific Grants	4,500	0	0	0	0	<b>4,500</b>
TRN-006-17 Additional Intelligent Transportation System Laptops For On Road Supervisory Support Vehicles	7052 - TRANSFER From Capital Projects	4,500	0	0	0	0	<b>4,500</b>
TRN-007-17 Installation of Eight LED Outdoor Message Signs At Bus Stops and Two Flat Panel Indoor Displays	6320 - Canada Specific Grants	100,000	0	0	0	0	<b>100,000</b>
TRN-007-17 Installation of Eight LED Outdoor Message Signs At Bus Stops and Two Flat Panel Indoor Displays	7052 - TRANSFER From Capital Projects	100,000	0	0	0	0	<b>100,000</b>
TRN-020-17 Renovations and Enhancements to the Transportation Services Area	6320 - Canada Specific Grants	100,000	0	0	0	0	<b>100,000</b>
TRN-020-17 Renovations and Enhancements to the Transportation Services Area	169 - Pay As You Go - Capital Reserve	0	0	0	100,000	0	<b>100,000</b>
<b>Division: Transit Planning</b>							
TRN-009-17 Restoration of Multiple Transit Windsor Pedestrian Shelters	127 - Dev Chg - Transit	20,000	20,000	20,000	20,000	20,000	<b>100,000</b>
TRN-009-17 Restoration of Multiple Transit Windsor Pedestrian Shelters	6320 - Canada Specific Grants	500,000	0	0	0	0	<b>500,000</b>
TRN-009-17 Restoration of Multiple Transit Windsor Pedestrian Shelters	169 - Pay As You Go - Capital Reserve	0	0	100,000	300,000	0	<b>400,000</b>
<b>Division: Transit Sales &amp; Customer Service</b>							
TRN-015-17 Expansion of Customer Service Parking to Support Increased Demand	6320 - Canada Specific Grants	10,000	0	0	0	0	<b>10,000</b>
TRN-015-17 Expansion of Customer Service Parking to Support Increased Demand	169 - Pay As You Go - Capital Reserve	0	0	10,000	0	0	<b>10,000</b>
TRN-016-17 Renovations And Enhancements To Customer Service Area At The Main Transit Terminal	6320 - Canada Specific Grants	20,000	0	0	0	0	<b>20,000</b>
TRN-016-17 Renovations And Enhancements To Customer Service Area At The Main Transit Terminal	169 - Pay As You Go - Capital Reserve	0	0	20,000	0	0	<b>20,000</b>
<b>Total for Division: Administration - Transit Windsor</b>		<b>11,043,892</b>	<b>4,520,000</b>	<b>5,190,500</b>	<b>4,120,500</b>	<b>3,880,500</b>	<b>28,755,392</b>

**City of Windsor**  
**Summary of Capital Budget by Funding Source**

*For Budget Year: 2017*

GL Account	2017	2018	2019	2020	2021	Total	
<b>Department: Windsor Airport</b>							
<b>Division: Windsor-Airport</b>							
ECP-010-09 Airport Various Asset Replacement/Refurbishment/Upgrades	6320 - Canada Specific Grants	0	450,000	0	603,300	225,000	<b>1,278,300</b>
ECP-010-09 Airport Various Asset Replacement/Refurbishment/Upgrades	169 - Pay As You Go - Capital Reserve	460,000	40,000	2,896,000	3,552,000	2,087,000	<b>9,035,000</b>
ECP-010-09 Airport Various Asset Replacement/Refurbishment/Upgrades	028 - Sewer Surcharge	0	160,000	0	0	0	<b>160,000</b>
ECP-046-07 Airport Capital Improvements	160 - Capital Expenditure Reserve	100,000	0	255,000	380,000	0	<b>735,000</b>
ECP-046-07 Airport Capital Improvements	169 - Pay As You Go - Capital Reserve	60,000	40,000	90,000	0	160,000	<b>350,000</b>
ECP-046-07 Airport Capital Improvements	028 - Sewer Surcharge	300,000	100,000	0	0	220,000	<b>620,000</b>
<b>Total for Division: Windsor-Airport</b>		<b>920,000</b>	<b>790,000</b>	<b>3,241,000</b>	<b>4,535,300</b>	<b>2,692,000</b>	<b>12,178,300</b>
<b>Total for Service Area: Transportation Services Office (TSO)</b>		<b>11,963,892</b>	<b>5,310,000</b>	<b>8,431,500</b>	<b>8,655,800</b>	<b>6,572,500</b>	<b>40,933,692</b>

**City of Windsor**  
**Summary of Capital Budget by Funding Source**  
*For Budget Year: 2017*

<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
028 - Sewer Surcharge	21,600,000	21,600,161	21,600,000	21,600,374	21,600,412	<b>108,000,947</b>
115 - Dev Chg - Roads & Related	6,779,000	1,982,675	405,325	1,525,000	2,175,000	<b>12,867,000</b>
117 - Dev Chg - Storm & Drains	569,000	980,000	100,000	725,000	100,000	<b>2,474,000</b>
121 - Dev Chg - General	0	0	40,000	40,000	0	<b>80,000</b>
122 - Dev Chg - Library	100,000	175,000	175,000	150,000	150,000	<b>750,000</b>
125 - Dev Chg - Indoor Recreation	5,000	0	95,000	95,000	95,000	<b>290,000</b>
127 - Dev Chg - Transit	20,000	20,000	20,000	20,000	20,000	<b>100,000</b>
128 - Dev Chg - PW/Build/Equip/Fleet	145,000	0	0	0	0	<b>145,000</b>
131 - West Windsor PCP	2,105,000	1,510,000	1,450,000	950,000	2,150,000	<b>8,165,000</b>
132 - Little River PCP	1,920,000	1,095,000	2,755,000	675,000	575,000	<b>7,020,000</b>
133 - Pumping Stations	1,400,000	250,000	2,030,000	390,000	2,850,000	<b>6,920,000</b>
135 - Willistead Improvements	0	0	0	100,000	0	<b>100,000</b>
136 - Equipment Replacement	1,021,000	2,610,000	2,164,000	1,908,000	992,000	<b>8,695,000</b>
138 - Off Street Parking	362,000	380,000	900,000	1,000,000	1,500,000	<b>4,142,000</b>
145 - Windsor Waste Management	1,608,000	0	0	0	0	<b>1,608,000</b>
151 - Land Acquisitions - O/T Highways	300,000	0	0	1,000,000	1,550,000	<b>2,850,000</b>
153 - Sewer Surcharge	215,000	2,268,000	225,000	75,000	0	<b>2,783,000</b>
160 - Capital Expenditure Reserve	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	<b>15,000,000</b>
163 - Fire Major Equipment	786,000	0	47,000	52,000	58,000	<b>943,000</b>
165 - Lakeview Park Marina	100,000	0	0	55,000	100,000	<b>255,000</b>
169 - Pay As You Go - Capital Reserve	12,914,500	33,743,925	51,554,553	51,554,584	41,555,395	<b>191,322,957</b>
170 - Pay As You Go - Leasing Reserve	0	0	50,000	0	0	<b>50,000</b>
176 - Federal Gas Tax Rebate	13,048,516	13,434,160	13,434,090	13,433,516	13,434,000	<b>66,784,282</b>
183 - Police Fleet	1,268,000	1,268,000	1,268,000	1,268,000	1,268,000	<b>6,340,000</b>
186 - 400 City Hall Square E.	100,000	0	0	0	0	<b>100,000</b>
195 - Police Equipment Reserve	755,000	680,000	620,000	785,000	50,000	<b>2,890,000</b>
197 - Off Road Fleet Replacement	459,000	617,000	279,000	733,000	800,000	<b>2,888,000</b>
198- Pay As You Go Corporate Radios Reserve	0	0	0	0	3,000,000	<b>3,000,000</b>
6310 - Ontario Specific Grants	3,098,613	400,000	0	0	0	<b>3,498,613</b>
6320 - Canada Specific Grants	15,560,618	525,000	275,000	603,300	225,000	<b>17,188,918</b>
6340 - Net County Cost	0	734,000	684,911	0	0	<b>1,418,911</b>
6735 - Recovery Of Expenses EXTERNAL	243,000	567,500	375,000	362,500	380,720	<b>1,928,720</b>
6940 - Proceeds - Disposal Of Land	500,000	0	0	0	0	<b>500,000</b>
7052 - TRANSFER From Capital Projects	409,500	150,000	0	0	0	<b>559,500</b>
<b>Grand Total</b>	<b>90,391,747</b>	<b>87,990,421</b>	<b>103,546,879</b>	<b>102,100,274</b>	<b>97,628,527</b>	<b>481,657,848</b>

## **2017 Recommended Capital Budget**



### **Section E:**

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

# City of Windsor

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

For Budget Year 2017

Maintenance/Growth	2017	2018	2019	2020	2021	Total
<b>Non-Tangible Capital Asset</b>						
Service Area: <b>Agencies, Boards &amp; Committees</b>						
Department: <b>Windsor Police Services</b>						
Division: <b>Administration - Police</b>						
POL-007-13 - Windsor Police Service Business Intelligence Technology and Processes Improvements	Growth	0	0	0	500,000	<b>500,000</b>
POL-008-16 - Windsor Police Service - In-camera Item #11	Growth	0	0	100,000	0	<b>100,000</b>
POL-009-16 - Windsor Police Service Internet Child Anti-Exploitation Initiatives	Growth	0	0	100,000	0	<b>100,000</b>
POL-013-14 - Windsor Police Service - In-camera Item #15	Growth	0	200,000	0	0	<b>200,000</b>
POL-002-14 - Windsor Police Service Training Classroom Table & Chair Replacement	Maintenance	65,000	0	0	0	<b>65,000</b>
POL-003-14 - Windsor Police Service - In-camera Item #3	Maintenance	0	0	0	100,000	<b>100,000</b>
POL-004-16 - Windsor Police Service - In-camera Item #6	Maintenance	0	50,000	50,000	50,000	<b>150,000</b>
POL-005-16 - Windsor Police Service Renovations/AODA Compliance	Maintenance	140,000	0	0	0	<b>140,000</b>
POL-007-14 - Windsor Police Service - In-camera Item #9	Maintenance	125,000	220,000	155,000	125,000	<b>750,000</b>
<b>Total for Service Area: Agencies, Boards &amp; Committees</b>		<b>330,000</b>	<b>470,000</b>	<b>405,000</b>	<b>275,000</b>	<b>2,105,000</b>
<b>Growth Percent:</b>		<b>0.0 %</b>	<b>42.6 %</b>	<b>49.4 %</b>	<b>0.0 %</b>	<b>42.8 %</b>
<b>Maintenance Percent:</b>		<b>100.0 %</b>	<b>57.4 %</b>	<b>50.6 %</b>	<b>100.0 %</b>	<b>57.2 %</b>

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

#### Department: **Mayor's Office**

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

MAY-001-16 - Arts Endowment Placeholder	Growth	0	0	0	2,000,000	0	<b>2,000,000</b>
MAY-002-16 - Environmentally Significant Lands Acquisition Placeholder	Growth	0	0	0	1,500,000	0	<b>1,500,000</b>
<b>Total for Service Area: City Council &amp; Mayor's Office</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>3,500,000</b>	<b>0</b>	<b>3,500,000</b>
<b>Growth Percent:</b>		<b>0.0 %</b>	<b>0.0 %</b>	<b>0.0 %</b>	<b>100.0 %</b>	<b>0.0 %</b>	<b>100.0 %</b>
<b>Maintenance Percent:</b>		<b>0.0 %</b>	<b>0.0 %</b>	<b>0.0 %</b>	<b>0.0 %</b>	<b>0.0 %</b>	<b>0.0 %</b>

### Service Area: **Community Development & Health Commissioner**

#### Department: **Housing & Children Services**

##### Division: **Housing Administration**

HCS-001-07 - Social Housing Reserve Fund	Maintenance	0	0	2,000,000	0	0	<b>2,000,000</b>
HCS-001-14 - Windsor Essex Community Housing Corporation Placeholder	Maintenance	0	2,234,000	0	0	0	<b>2,234,000</b>

# City of Windsor

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

For Budget Year 2017

### Department: Huron Lodge

#### Division: Nursing & Personal Care

HLD-001-11 - Huron Lodge Wireless Technology Implementation	Growth	0	0	78,000	0	0	<b>78,000</b>
HLD-002-15 - Huron Lodge Resident Monitoring & Nurse Bedside Call System	Maintenance	0	100,000	25,000	0	20,000	<b>145,000</b>

#### Division: Nutrition & Dietary Services

HLD-006-15 - Huron Lodge Dietary Management System Upgrades	Growth	0	0	65,000	0	0	<b>65,000</b>
HLD-001-17 - Huron Lodge Dietary Servery Updates and Equipment Replacement	Maintenance	0	0	0	0	35,000	<b>35,000</b>
HLD-003-15 - Huron Lodge Dish Machines and Industrial Kitchen Equipment Replacement	Maintenance	0	80,000	95,000	0	110,000	<b>285,000</b>
HLD-004-15 - Huron Lodge Refrigeration and Freezer Equipment Replacement	Maintenance	0	80,000	0	0	0	<b>80,000</b>

#### Division: Program Services

HLD-002-12 - Huron Lodge Cooking and Food Preparation Equipment Replacement Program	Maintenance	0	40,000	40,000	0	40,000	<b>120,000</b>
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#### Division: Resident Services

HLD-002-17 - Huron Lodge Resident Services Equipment Replacement	Maintenance	0	0	0	0	124,500	<b>124,500</b>
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### Department: Recreation & Culture

#### Division: Community Centres & Programming

REC-004-07 - Recreation Facility Refurbishment Program	Maintenance	50,000	0	50,000	50,000	50,000	<b>200,000</b>
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#### Division: Cultural Affairs

REC-003-16 - Windsor (125th) & Canada (150th) Birthday Celebrations	Maintenance	85,000	0	0	0	0	<b>85,000</b>
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#### Division: Recreation Facilities

HCP-011-07 - Willistead Complex Restoration Improvements	Maintenance	0	0	0	100,000	0	<b>100,000</b>
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<b>Total for Service Area: Community Development &amp; Health Commissioner</b>		<b>135,000</b>	<b>2,534,000</b>	<b>2,353,000</b>	<b>150,000</b>	<b>379,500</b>	<b>5,551,500</b>
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<b>Growth Percent:</b>		<b>0.0 %</b>	<b>0.0 %</b>	<b>6.1 %</b>	<b>0.0 %</b>	<b>0.0 %</b>	<b>2.6 %</b>
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<b>Maintenance Percent:</b>		<b>100.0 %</b>	<b>100.0 %</b>	<b>93.9 %</b>	<b>100.0 %</b>	<b>100.0 %</b>	<b>97.4 %</b>
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### Service Area: Office of the CAO

#### Department: CAO's Office

#### Division: CAO's Office

CAO-001-16 - City Contribution for Transfer of P. Martin Bldg. to University of Windsor	Growth	0	0	7,500,000	7,500,000	0	<b>15,000,000</b>
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<b>Total for Service Area: Office of the CAO</b>		<b>0</b>	<b>0</b>	<b>7,500,000</b>	<b>7,500,000</b>	<b>0</b>	<b>15,000,000</b>
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<b>Growth Percent:</b>		<b>0.0 %</b>	<b>0.0 %</b>	<b>100.0 %</b>	<b>100.0 %</b>	<b>0.0 %</b>	<b>100.0 %</b>
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<b>Maintenance Percent:</b>		<b>0.0 %</b>	<b>0.0 %</b>	<b>0.0 %</b>	<b>0.0 %</b>	<b>0.0 %</b>	<b>0.0 %</b>
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# City of Windsor

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

For Budget Year 2017

### Service Area: Office of the CFO

#### Department: Finance

##### Division: Administration - Finance

FIN-009-15 - Capital Reserve Replenishment Allocation	Growth	3,210,000	3,210,000	3,210,000	3,210,000	3,210,000	16,050,000
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##### Division: Asset Planning

FIN-001-17 - Asset Planning Service Design and Implementation	Growth	110,000	0	0	0	0	110,000
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FIN-003-15 - Corporate Wide Facilities Lighting Sensors and Timers	Growth	0	55,000	0	5,000	0	60,000
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FIN-003-14 - Energy Efficiency Engineering Studies for Arenas	Maintenance	0	0	200,000	0	0	200,000
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FIN-004-15 - 400 City Hall Square Energy Efficiency Upgrades	Maintenance	0	0	0	0	100,000	100,000
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FIN-006-15 - Transit Windsor Installation of NOx and CO Sensors	Maintenance	0	60,000	0	2,000	0	62,000
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##### Division: Financial Planning

FIN-001-14 - Development Charges Study and Bylaw Update	Growth	0	0	40,000	40,000	0	80,000
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#### Department: Information Technology

##### Division: Administration - Info. Tech.

ITC-001-08 - Information Technology Business Continuity Improvements	Growth	0	0	0	100,000	100,000	200,000
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ITC-001-10 - Smart Community Initiative	Growth	0	0	200,000	200,000	200,000	600,000
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ITC-007-07 - Corporate Intranet Redesign & Internet Accessibility Improvements	Growth	0	0	850,000	0	0	850,000
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##### Division: Enterprise System Support

ITC-008-07 - Corporate Enterprise Resource Planning (ERP) System Improvements	Growth	0	0	237,500	125,000	0	362,500
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ITC-011-07 - AMANDA Information System Upgrades and Improvements	Growth	0	100,000	175,000	100,000	100,000	475,000
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ITC-008-07 - Corporate Enterprise Resource Planning (ERP) System Improvements	Maintenance	0	0	237,500	125,000	250,000	612,500
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ITC-011-07 - AMANDA Information System Upgrades and Improvements	Maintenance	0	100,000	175,000	100,000	100,000	475,000
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<b>Total for Service Area: Office of the CFO</b>		<b>3,320,000</b>	<b>3,525,000</b>	<b>5,325,000</b>	<b>4,007,000</b>	<b>4,060,000</b>	<b>20,237,000</b>
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<b>Growth Percent:</b>		<b>100.0 %</b>	<b>95.5 %</b>	<b>88.5 %</b>	<b>94.3 %</b>	<b>88.9 %</b>	<b>92.8 %</b>
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<b>Maintenance Percent:</b>		<b>0.0 %</b>	<b>4.5 %</b>	<b>11.5 %</b>	<b>5.7 %</b>	<b>11.1 %</b>	<b>7.2 %</b>
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### Service Area: Office of the City Clerk

#### Department: Council Services

##### Division: Council Services Division

CNS-001-07 - Corporate Files and Records Management	Maintenance	50,000	0	0	0	0	50,000
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#### Department: Human Resources

##### Division: Administration - Human Resources

HCP-001-07 - Accessibility - ODA Compliance	Growth	0	0	0	100,000	100,000	200,000
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# City of Windsor

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

For Budget Year 2017

HRS-002-09 - Accessibility - AODA Standard Training, Materials and Outreach	Growth	18,750	0	0	16,250	0	<b>35,000</b>
HRS-002-11 - Corporate Employee Online Training Programs	Growth	0	0	0	0	20,000	<b>20,000</b>
HRS-002-09 - Accessibility - AODA Standard Training, Materials and Outreach	Maintenance	32,750	0	0	58,250	0	<b>91,000</b>
<b>Division: Organizational Develop &amp; OH&amp;S</b>							
HRS-002-08 - Corporate Health and Safety Program - Assessments and Upgrades	Maintenance	10,000	10,000	10,000	10,000	10,000	<b>50,000</b>

### Department: Windsor Public Library

#### Division: Library

WPL-001-14 - Windsor Public Library Mobile Unit/Materials Acquisition	Growth	100,000	175,000	175,000	150,000	150,000	<b>750,000</b>
WPL-001-17 - Riverside and Seminole Branch Refurbishments	Maintenance	0	0	0	0	25,844	<b>25,844</b>
WPL-009-11 - Windsor Public Library Facility Refurbishments	Maintenance	46,200	0	0	0	45,500	<b>91,700</b>
<b>Total for Service Area: Office of the City Clerk</b>		<b>257,700</b>	<b>185,000</b>	<b>185,000</b>	<b>334,500</b>	<b>351,344</b>	<b>1,313,544</b>
<b>Growth Percent:</b>		<b>46.1 %</b>	<b>94.6 %</b>	<b>94.6 %</b>	<b>79.6 %</b>	<b>76.8 %</b>	<b>76.5 %</b>
<b>Maintenance Percent:</b>		<b>53.9 %</b>	<b>5.4 %</b>	<b>5.4 %</b>	<b>20.4 %</b>	<b>23.2 %</b>	<b>23.5 %</b>

### Service Area: Office of the City Engineer

#### Department: Engineering

#### Division: Development, Projects & Right of Way

ECP-012-07 - South Cameron/South Windsor Planning District Infrastructure Improvements	Growth	60,000	0	0	200,000	0	<b>260,000</b>
ECP-041-07 - New Infrastructure Development - Oversizing Infrastructure (Developer-related)	Growth	100,000	0	450,000	0	100,000	<b>650,000</b>
ECP-009-08 - Corporate Properties Site Assessments/Clean-ups/Demolitions	Maintenance	0	0	0	200,000	200,000	<b>400,000</b>

#### Division: Facility Operations

PFO-001-12 - Corporate Properties Security Systems and Infrastructure	Growth	50,000	50,000	50,000	50,000	75,000	<b>275,000</b>
PFO-004-14 - Facilities Operations Business Process Improvements	Growth	0	0	0	50,000	0	<b>50,000</b>
ENG-004-16 - Corporate Facilities Access Protocols	Maintenance	150,000	150,000	150,000	50,000	0	<b>500,000</b>
ENG-006-17 - Windsor International Aquatic Training Centre – Capital Refurbishments	Maintenance	0	0	200,000	0	0	<b>200,000</b>
ENG-008-17 - Generator & Fuel Storage Upgrades	Maintenance	0	175,000	45,000	0	0	<b>220,000</b>
ENG-010-17 - Capitol Theatre Capital Improvements	Maintenance	0	0	0	500,000	0	<b>500,000</b>
ENG-011-17 - 400 City Hall Square - Capital Repairs	Maintenance	100,000	0	0	0	0	<b>100,000</b>
HCP-001-10 - Corporate Facilities Water Backflow Prevention Program	Maintenance	0	0	0	300,000	0	<b>300,000</b>
HCP-002-09 - Fire Hall Capital Refurbishment Program	Maintenance	150,000	150,000	150,000	150,000	150,000	<b>750,000</b>
HCP-005-08 - Corporate Facilities Paving Program	Maintenance	600,000	100,000	100,000	100,000	100,000	<b>1,000,000</b>
HCP-010-07 - Willistead Complex Capital Improvements	Maintenance	750,000	0	0	0	0	<b>750,000</b>
OPS-007-07 - Operations Facilities Improvements	Maintenance	75,000	25,000	25,000	25,000	25,000	<b>175,000</b>
PFO-002-12 - Corporate Facility Maintenance Program - Structural Capital Repairs	Maintenance	0	50,000	100,000	50,000	50,000	<b>250,000</b>

# City of Windsor

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

*For Budget Year 2017*

PFO-003-14 - Corporate Facilities Boiler Replacement Program	Maintenance	0	55,000	89,500	0	0	<b>144,500</b>
PFO-004-12 - Corporate Facilities Building Condition Assessments	Maintenance	0	0	50,000	50,000	50,000	<b>150,000</b>
PFO-009-11 - Corporate Heating & Cooling Replacement/Repair Program	Maintenance	190,000	450,000	500,000	500,000	100,000	<b>1,740,000</b>
PFO-010-11 - Corporate Facilities Flooring and Finishes Replacement Program	Maintenance	100,000	100,000	260,000	100,000	100,000	<b>660,000</b>
PFO-014-07 - Corporate Facilities Health & Safety Compliance Upgrades	Maintenance	150,000	150,000	100,000	100,000	100,000	<b>600,000</b>
REC-005-07 - Corporate Arena Refurbishments	Maintenance	280,000	250,000	250,000	280,000	250,000	<b>1,310,000</b>
<b>Division: Infrastructure &amp; Geomatics</b>							
ECP-001-10 - Upper Little River Stormwater Management Plan and Implementation	Growth	0	500,000	0	0	0	<b>500,000</b>
ECP-004-09 - Stormwater and Sanitary Master Plan Development	Growth	0	562,500	0	0	0	<b>562,500</b>
ECP-005-10 - Local Improvement Program - Road Rehabilitation	Growth	0	0	250,000	200,000	200,000	<b>650,000</b>
ECP-030-07 - Riverside Flood Abatement Initiatives - Capital Improvements to Existing Trunk Sewer	Growth	0	0	250,000	250,000	0	<b>500,000</b>
ENG-004-17 - East Marsh Drain Study	Growth	150,000	0	0	0	0	<b>150,000</b>
ENG-005-17 - Central Box EA Road and Infrastructure Improvements	Growth	0	0	220,000	500,000	0	<b>720,000</b>
ECP-004-08 - Municipal Drains Capital Improvement Program	Maintenance	100,000	200,000	0	200,000	200,000	<b>700,000</b>
ECP-004-09 - Stormwater and Sanitary Master Plan Development	Maintenance	0	187,500	0	0	0	<b>187,500</b>
ECP-008-07 - Pedestrian Safety Improvements	Maintenance	0	0	100,000	0	0	<b>100,000</b>
ENG-007-16 - Basement Flooding Abatement Measures	Maintenance	2,500,000	2,700,000	640,000	1,100,000	2,250,000	<b>9,190,000</b>
ENG-015-17 - Sewer Rehabilitation - Mount Carmel - Cabana to Lennon Drain	Maintenance	1,800,000	500,000	0	0	0	<b>2,300,000</b>
ENG-016-17 - Campbell/University Area Storm Drainage - Environmental Assessment/Master Plan	Maintenance	300,000	100,000	0	0	0	<b>400,000</b>
<b>Division: Pollution Control</b>							
ENG-012-17 - ESR for Riverfront CSO Downstream of CMH Woods Pump Station/LRWPR Wet Weather Flows	Maintenance	0	300,000	0	0	0	<b>300,000</b>
ENG-013-17 - Malden Landfill Gas Migration	Maintenance	1,648,000	79,000	881,000	0	0	<b>2,608,000</b>
ENG-017-17 - Pontiac Pumping Station - Capacity Study	Maintenance	187,500	62,500	0	0	0	<b>250,000</b>
ENG-018-17 - St. Paul Pumping Station - Capacity Study	Maintenance	187,500	62,500	0	0	0	<b>250,000</b>
ENG-020-17 - LRWRP Dry Well Reliability Issues	Maintenance	262,500	87,500	0	0	0	<b>350,000</b>
ENG-021-17 - Maplewood Pumping Station - Odour Control System	Maintenance	412,500	137,500	0	0	0	<b>550,000</b>
ENG-022-17 - LRWRP Back Wash Tanks	Maintenance	562,500	187,500	0	0	0	<b>750,000</b>
<b>Department: Parks</b>							
<b>Division: Forestry</b>							
PFO-007-11 - Tree Maintenance Backlog	Maintenance	250,000	710,000	500,000	500,000	500,000	<b>2,460,000</b>
<b>Division: Parks Operations</b>							
PFO-014-12 - Park Community Partnership Initiatives	Growth	25,000	0	25,000	25,000	25,000	<b>100,000</b>
PFO-003-15 - Central Riverfront Implementation Plan (C.R.I.P.) Placeholder	Maintenance	0	2,300,000	0	0	0	<b>2,300,000</b>
PFO-011-12 - Beautification of Civic Gateways and Other Open Spaces	Maintenance	0	0	0	500,000	500,000	<b>1,000,000</b>

# City of Windsor

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

For Budget Year 2017

### Department: **Public Works Operations**

#### Division: **Contracts, Field Services & Maintenance**

OPS-005-07 - Railway Lands Fencing	Growth	0	100,000	100,000	0	0	<b>200,000</b>
OPS-001-11 - Minor Alley Maintenance Program	Maintenance	100,000	0	100,000	100,000	100,000	<b>400,000</b>
OPS-002-10 - Civic Gateway Corridor Enhancements	Maintenance	0	0	200,000	0	0	<b>200,000</b>
OPS-002-11 - Minor Road Rehabilitation Program	Maintenance	250,000	0	400,000	250,000	250,000	<b>1,150,000</b>
OPS-006-07 - "At-Grade" Railway Crossings Capital Improvements	Maintenance	100,000	275,000	825,000	85,000	200,000	<b>1,485,000</b>
OPS-019-17 - Storm & Waste - Data Acquisition	Maintenance	847,500	282,500	0	0	0	<b>1,130,000</b>

#### Division: **Fleet**

OPS-002-16 - Corporate Fuel Site Automation Initiatives	Maintenance	0	0	0	0	50,000	<b>50,000</b>
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#### Division: **Traffic Ops, Parking & Trans. Planning**

OPS-009-07 - Transportation Planning Environmental Study Reports (ESRs)	Growth	25,000	0	25,000	25,000	25,000	<b>100,000</b>
OPS-014-07 - Citywide Bikeway Development Initiatives	Growth	400,000	500,000	600,000	600,000	600,000	<b>2,700,000</b>
OPS-021-07 - Traffic Calming Initiatives	Growth	0	100,000	169,000	106,000	0	<b>375,000</b>
OPS-003-11 - Parking Enforcement Handheld Unit Replacement Program	Maintenance	0	0	0	0	175,000	<b>175,000</b>
OPS-007-16 - Cabana Rd. Pavement Markings	Maintenance	0	0	0	110,000	0	<b>110,000</b>
OPS-009-07 - Transportation Planning Environmental Study Reports (ESRs)	Maintenance	75,000	0	75,000	75,000	75,000	<b>300,000</b>

<b>Total for Service Area: Office of the City Engineer</b>		<b>12,938,000</b>	<b>11,639,000</b>	<b>7,879,500</b>	<b>7,331,000</b>	<b>6,450,000</b>	<b>46,237,500</b>
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<b>Growth Percent:</b>		<b>6.3 %</b>	<b>15.6 %</b>	<b>27.1 %</b>	<b>27.4 %</b>	<b>15.9 %</b>	<b>16.9 %</b>
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<b>Maintenance Percent:</b>		<b>93.7 %</b>	<b>84.4 %</b>	<b>72.9 %</b>	<b>72.6 %</b>	<b>84.1 %</b>	<b>83.1 %</b>
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### Service Area: **Office of the City Solicitor**

#### Department: **Fire & Rescue**

#### Division: **Fire Operations**

FRS-002-17 - Portable Restroom for Fire & Rescue (on scene)	Growth	20,000	0	0	0	0	<b>20,000</b>
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#### Division: **Fire Support Services**

FRS-003-16 - Fire Education Materials, Displays & Equipment	Maintenance	0	0	0	20,000	0	<b>20,000</b>
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#### Department: **Planning & Building**

#### Division: **Development**

PBG-001-14 - Alley Closing Subsidy Pilot Program	Maintenance	0	790,000	0	0	0	<b>790,000</b>
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#### Division: **Policy & Design**

PBG-002-14 - Ontario's Investment Ready Certified Sites Program - Airport Cargo Hub West	Growth	0	0	0	0	50,000	<b>50,000</b>
PLN-007-07 - Growth Management Plan Review and Implementation	Growth	0	0	100,000	0	0	<b>100,000</b>
PLN-008-07 - "Green Windsor" Protection and Funding Strategy	Growth	0	0	80,000	0	0	<b>80,000</b>

# City of Windsor

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

*For Budget Year 2017*

PLN-010-07 - Heritage Preservation Study and Identification of Incentives	Growth	0	150,000	0	0	435,000	<b>585,000</b>
PLN-017-07 - Business Improvement Area Assistance Program	Growth	0	37,000	0	37,000	0	<b>74,000</b>
PLN-017-07 - Business Improvement Area Assistance Program	Maintenance	0	113,000	0	113,000	0	<b>226,000</b>
<b>Division: Urban Design</b>							
PLN-018-07 - Neighbourhood Studies and Design Guidelines	Growth	0	0	25,000	25,000	6,250	<b>56,250</b>
PLN-005-07 - Planning & Building E-Plan & E-Permit Review and Implementation	Maintenance	88,000	210,000	10,000	0	0	<b>308,000</b>
PLN-018-07 - Neighbourhood Studies and Design Guidelines	Maintenance	0	0	75,000	75,000	18,750	<b>168,750</b>
<b>Total for Service Area: Office of the City Solicitor</b>		<b>108,000</b>	<b>1,300,000</b>	<b>290,000</b>	<b>270,000</b>	<b>510,000</b>	<b>2,478,000</b>
<b>Growth Percent:</b>		<b>18.5 %</b>	<b>14.4 %</b>	<b>70.7 %</b>	<b>23.0 %</b>	<b>96.3 %</b>	<b>39.0 %</b>
<b>Maintenance Percent:</b>		<b>81.5 %</b>	<b>85.6 %</b>	<b>29.3 %</b>	<b>77.0 %</b>	<b>3.7 %</b>	<b>61.0 %</b>

### Service Area: Transportation Services Office

#### Department: Transit Windsor

##### Division: Administration - Transit Windsor

TRN-005-17 - Transit Windsor Service Delivery Review and Project Management	Growth	325,000	0	175,000	50,000	0	<b>550,000</b>
TRN-008-17 - Transit Windsor Fare Structure Review	Growth	370,000	0	0	20,000	0	<b>390,000</b>
TRN-004-07 - Transit Windsor Master Plan Implementation	Maintenance	0	0	0	0	50,000	<b>50,000</b>

##### Division: Transit Maintenance

TRN-005-07 - Handi-Transit Bus Acquisitions	Growth	0	0	480,000	240,000	0	<b>720,000</b>
TRN-002-08 - Transit Windsor Fleet Structural Repairs	Maintenance	0	0	2,500	0	300,000	<b>302,500</b>
TRN-002-13 - Transit Windsor Fuel System Improvements Initiative	Maintenance	50,000	0	55,000	0	0	<b>105,000</b>
TRN-011-17 - Implementation of a Hybrid Bus Refurbishing Program	Maintenance	1,200,000	0	0	0	0	<b>1,200,000</b>

##### Division: Transit Operations

TRN-002-17 - Transit Maintenance - Safety Assessment at Transit Windsor Property	Maintenance	90,000	0	180,000	0	0	<b>270,000</b>
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#### Department: Windsor Airport

##### Division: Windsor-Airport

ECP-046-07 - Airport Capital Improvements	Maintenance	460,000	140,000	345,000	380,000	380,000	<b>1,705,000</b>
<b>Total for Service Area: Transportation Services Office</b>		<b>2,495,000</b>	<b>140,000</b>	<b>1,237,500</b>	<b>690,000</b>	<b>730,000</b>	<b>5,292,500</b>
<b>Growth Percent:</b>		<b>27.9 %</b>	<b>0.0 %</b>	<b>52.9 %</b>	<b>44.9 %</b>	<b>0.0 %</b>	<b>31.4 %</b>
<b>Maintenance Percent:</b>		<b>72.1 %</b>	<b>100.0 %</b>	<b>47.1 %</b>	<b>55.1 %</b>	<b>100.0 %</b>	<b>68.6 %</b>

# City of Windsor

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

For Budget Year 2017

<b>Total for: Non-Tangible Capital Asset</b>	<b>19,583,700</b>	<b>19,793,000</b>	<b>25,175,000</b>	<b>24,057,500</b>	<b>13,105,844</b>	<b>101,715,044</b>
<b>Growth Percent:</b>	<b>25.3 %</b>	<b>29.0 %</b>	<b>62.5 %</b>	<b>72.4 %</b>	<b>45.0 %</b>	<b>48.9 %</b>
<b>Maintenance Percent:</b>	<b>74.7 %</b>	<b>71.0 %</b>	<b>37.5 %</b>	<b>27.6 %</b>	<b>55.0 %</b>	<b>51.1 %</b>

### Tangible Capital Asset

Service Area: **Agencies, Boards & Committees**

Department: **Windsor Police Services**

Division: **Administration - Police**

POL-001-11 - Windsor Police Service Collision Reporting Centre - Expansion and Upgrades	Growth	500,000	200,000	0	0	0	<b>700,000</b>
POL-002-15 - Windsor Police Service Next Generation 911 Infrastructure Upgrades	Growth	0	150,000	50,000	50,000	50,000	<b>300,000</b>
POL-006-17 - Windsor Police Service Operations Centre (WPSOC)	Growth	0	0	0	0	250,000	<b>250,000</b>
POL-007-16 - Windsor Police Service - In-camera Item #10	Growth	0	180,000	0	0	0	<b>180,000</b>
POL-010-14 - Windsor Police Service - In-camera Item #12	Growth	0	0	0	0	1,000,000	<b>1,000,000</b>
POL-010-16 - Windsor Police Service Mobile Technology Initiatives	Growth	0	0	70,000	0	0	<b>70,000</b>
POL-011-16 - Windsor Police Service Mobile Occurrence/Scene Documentation Application	Growth	0	0	150,000	0	0	<b>150,000</b>
POL-014-16 - Windsor Police Service Wireless Network Upgrades	Growth	50,000	0	0	0	0	<b>50,000</b>
POL-001-09 - Windsor Police Service Fleet Replacement/Refurbishment Program	Maintenance	1,268,000	1,268,000	1,268,000	1,268,000	1,268,000	<b>6,340,000</b>
POL-001-16 - Windsor Police Service E911 Voice Logger System Upgrades/Replacement	Maintenance	0	0	0	150,000	0	<b>150,000</b>
POL-001-17 - Windsor Police Service - In-camera Item #1	Maintenance	0	0	0	0	75,000	<b>75,000</b>
POL-002-16 - Windsor Police Service Backup E911 Centre Upgrades	Maintenance	0	0	0	100,000	0	<b>100,000</b>
POL-002-17 - Windsor Police Service - In-camera Item #2	Maintenance	0	0	0	0	75,000	<b>75,000</b>
POL-003-16 - Windsor Police Service Microsoft Office Software Upgrades	Maintenance	75,000	0	0	0	0	<b>75,000</b>
POL-003-17 - Windsor Police Service - In-camera Item #4	Maintenance	0	0	0	0	100,000	<b>100,000</b>
POL-004-15 - Windsor Police Service - In-camera Item #5	Maintenance	100,000	100,000	0	0	0	<b>200,000</b>
POL-004-17 - Windsor Police Service - In-camera Item #7	Maintenance	0	0	0	0	75,000	<b>75,000</b>
POL-005-14 - Windsor Police Service E911 Centre Workstation Replacement	Maintenance	0	0	0	50,000	0	<b>50,000</b>
POL-005-17 - Windsor Police Service - In-camera Item #8	Maintenance	0	0	0	0	85,000	<b>85,000</b>
POL-006-13 - Windsor Police Service Network Infrastructure Upgrades	Maintenance	0	0	150,000	0	0	<b>150,000</b>

# City of Windsor

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

*For Budget Year 2017*

POL-006-14 - Windsor Police Service 911 VoIP Upgrades	Maintenance	200,000	0	0	0	0	<b>200,000</b>
POL-008-17 - Windsor Police Service CRISIS Negotiator Unit (life-cycle replacement)	Maintenance	0	0	0	0	60,000	<b>60,000</b>
POL-009-17 - Windsor Police Service Disaster Recovery Backup/Replication Site	Maintenance	0	0	100,000	0	0	<b>100,000</b>
POL-010-17 - Windsor Police Service - In-camera Item #13	Maintenance	0	0	0	0	75,000	<b>75,000</b>
POL-015-17 - Windsor Police Service - In-camera Item #17	Maintenance	0	0	0	160,000	0	<b>160,000</b>
<b>Total for Service Area: Agencies, Boards &amp; Committees</b>		<b>2,193,000</b>	<b>1,898,000</b>	<b>1,788,000</b>	<b>1,778,000</b>	<b>3,113,000</b>	<b>10,770,000</b>
<b>Growth Percent:</b>		<b>25.1 %</b>	<b>27.9 %</b>	<b>15.1 %</b>	<b>2.8 %</b>	<b>41.8 %</b>	<b>25.1 %</b>
<b>Maintenance Percent:</b>		<b>74.9 %</b>	<b>72.1 %</b>	<b>84.9 %</b>	<b>97.2 %</b>	<b>58.2 %</b>	<b>74.9 %</b>

### Service Area: **Community Development & Health Commissioner**

#### Department: **Huron Lodge**

##### Division: **Nursing & Personal Care**

HLD-001-12 - Huron Lodge Nursing Equipment Replacement Program	Maintenance	0	0	150,000	150,000	150,000	<b>450,000</b>
HLD-001-15 - Huron Lodge Ceiling Mounted Resident Lift Replacement Program	Maintenance	0	0	115,000	200,000	200,000	<b>515,000</b>

##### Division: **Program Services**

HLD-001-13 - Huron Lodge Beds/Mattresses/Furniture Replacement Program	Maintenance	0	0	250,000	100,000	100,000	<b>450,000</b>
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#### Department: **Recreation & Culture**

##### Division: **Admin - Parks & Recreation**

REC-001-17 - WFCU Centre Upgrades	Maintenance	0	0	0	0	698,441	<b>698,441</b>
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##### Division: **Community Centres & Programming**

REC-003-07 - Municipal Pools Refurbishment Program	Maintenance	100,000	0	400,000	150,000	100,000	<b>750,000</b>
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##### Division: **Recreation Facilities**

REC-005-16 - Gino & Liz Marcus Community Centre Family Change Room	Growth	0	0	0	1,100,000	0	<b>1,100,000</b>
REC-002-07 - Lakeview Park Marina Upgrades	Maintenance	100,000	0	0	55,000	100,000	<b>255,000</b>

<b>Total for Service Area: Community Development &amp; Health Commissioner</b>		<b>200,000</b>	<b>0</b>	<b>915,000</b>	<b>1,755,000</b>	<b>1,348,441</b>	<b>4,218,441</b>
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<b>Growth Percent:</b>		<b>0.0 %</b>	<b>0.0 %</b>	<b>0.0 %</b>	<b>62.7 %</b>	<b>0.0 %</b>	<b>26.1 %</b>
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<b>Maintenance Percent:</b>		<b>100.0 %</b>	<b>0.0 %</b>	<b>100.0 %</b>	<b>37.3 %</b>	<b>100.0 %</b>	<b>73.9 %</b>
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### Service Area: **Office of the CFO**

#### Department: **Finance**

##### Division: **Asset Planning**

FIN-001-15 - Sub-Metering - Energy Cost Savings Initiative	Maintenance	0	0	0	0	150,000	<b>150,000</b>
FIN-002-15 - Corporate Wide Facilities LED Conversion	Maintenance	0	0	1,200,000	0	0	<b>1,200,000</b>

# City of Windsor

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

For Budget Year 2017

FIN-005-15 - Little River Pollution Control Plant Energy Efficiency Measures Implementation	Maintenance	0	0	0	150,000	0	<b>150,000</b>
FIN-007-15 - Huron Lodge Energy Efficiency Initiatives - LED/Sub-Metering/HVAC Upgrades	Maintenance	0	0	0	0	50,000	<b>50,000</b>
<b>Division: Financial Planning</b>							
FIN-007-16 - Ward Funds	Growth	0	0	0	200,000	0	<b>200,000</b>
FIN-007-16 - Ward Funds	Maintenance	0	0	0	200,000	0	<b>200,000</b>
<b>Department: Information Technology</b>							
<b>Division: Administration - Info. Tech.</b>							
ITC-001-13 - Corporate Integration of Mobile Technologies	Growth	0	0	500,000	0	500,000	<b>1,000,000</b>
<b>Division: End User Management</b>							
ITC-001-09 - Corporate Facilities Video Display Improvements	Growth	0	0	0	200,000	0	<b>200,000</b>
<b>Division: Project Management &amp; Applications</b>							
ITC-002-16 - Corporate Radio Infrastructure Upgrades	Maintenance	0	0	0	0	3,000,000	<b>3,000,000</b>
<b>Division: Project Mgmt &amp; Applications</b>							
ITC-001-12 - Fire and Rescue Records Management and Computer Aided Dispatch System Initiatives	Growth	0	0	0	0	900,000	<b>900,000</b>
<b>Division: Technology Infrastructure</b>							
ITC-002-07 - Corporate Electronic Storage and Retrieval Systems Upgrades	Growth	100,000	100,000	150,000	150,000	150,000	<b>650,000</b>
ITC-003-07 - Information Technology Network Infrastructure Improvements	Growth	0	98,859	98,859	120,000	140,000	<b>457,718</b>
ITC-005-07 - Corporate Data & Network Security Initiatives	Growth	50,000	50,000	159,500	164,500	88,000	<b>512,000</b>
ITC-006-07 - Information Technology Disaster Recovery Initiatives	Growth	50,000	50,000	75,000	50,000	50,000	<b>275,000</b>
ITC-012-07 - Corporate Telephone System Upgrades/Replacement	Growth	60,000	60,000	45,000	60,000	60,000	<b>285,000</b>
ITC-003-07 - Information Technology Network Infrastructure Improvements	Maintenance	100,000	101,141	101,141	110,000	110,000	<b>522,282</b>
ITC-005-07 - Corporate Data & Network Security Initiatives	Maintenance	50,000	50,000	159,500	164,500	88,000	<b>512,000</b>
ITC-006-07 - Information Technology Disaster Recovery Initiatives	Maintenance	50,000	100,000	75,000	50,000	50,000	<b>325,000</b>
ITC-012-07 - Corporate Telephone System Upgrades/Replacement	Maintenance	140,000	140,000	105,000	140,000	140,000	<b>665,000</b>
<b>Total for Service Area: Office of the CFO</b>		<b>600,000</b>	<b>750,000</b>	<b>2,669,000</b>	<b>1,759,000</b>	<b>5,476,000</b>	<b>11,254,000</b>
<b>Growth Percent:</b>		<b>43.3 %</b>	<b>47.8 %</b>	<b>38.5 %</b>	<b>53.7 %</b>	<b>34.5 %</b>	<b>39.8 %</b>
<b>Maintenance Percent:</b>		<b>56.7 %</b>	<b>52.2 %</b>	<b>61.5 %</b>	<b>46.3 %</b>	<b>65.5 %</b>	<b>60.2 %</b>

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

Department: **Council Services**

Division: **Communications & Cust. Service**

CCS-001-11 - 311/211 Call Centre Telephone System Upgrades	Maintenance	0	0	200,000	0	0	<b>200,000</b>
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# City of Windsor

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

For Budget Year 2017

### Department: Windsor Public Library

#### Division: Library

WPL-004-11 - Windsor Public Library Materials Automation Systems Upgrades	Growth	0	0	1,050,000	0	0	<b>1,050,000</b>
<b>Total for Service Area: Office of the City Clerk</b>		<b>0</b>	<b>0</b>	<b>1,250,000</b>	<b>0</b>	<b>0</b>	<b>1,250,000</b>
<b>Growth Percent:</b>		<b>0.0 %</b>	<b>0.0 %</b>	<b>84.0 %</b>	<b>0.0 %</b>	<b>0.0 %</b>	<b>84.0 %</b>
<b>Maintenance Percent:</b>		<b>0.0 %</b>	<b>0.0 %</b>	<b>16.0 %</b>	<b>0.0 %</b>	<b>0.0 %</b>	<b>16.0 %</b>

### Service Area: Office of the City Engineer

#### Department: Engineering

#### Division: Development, Projects & Right of Way

ECP-001-13 - New Fire Hall Station #6 & Emergency Operations Centre (EOC)	Growth	636,516	1,247,160	2,448,064	0	0	<b>4,331,740</b>
ECP-001-16 - New City Hall Construction	Growth	0	0	2,500,000	0	4,850,000	<b>7,350,000</b>
ENG-002-14 - Festival Plaza Retaining Wall - Design & Construction	Maintenance	0	0	675,000	675,000	0	<b>1,350,000</b>

#### Division: Facility Operations

PFO-003-13 - Art Gallery of Windsor Capital Improvements	Growth	0	1,320,000	125,000	125,000	125,000	<b>1,695,000</b>
ENG-006-16 - Coventry Gardens Peace Fountain Capital Repairs	Maintenance	100,000	0	0	0	0	<b>100,000</b>
ENG-008-16 - 400 City Hall Square Workplace Reconfiguration	Maintenance	0	0	38,000	162,000	0	<b>200,000</b>
ENG-014-17 - Fire Alarm System Upgrade at the WFCU Centre	Maintenance	115,000	0	0	0	0	<b>115,000</b>
HCP-002-07 - Corporate Facilities Roof Replacement Program	Maintenance	1,293,800	471,100	415,400	1,330,500	410,000	<b>3,920,800</b>
PFO-001-15 - Huron Lodge Miscellaneous Equipment Replacement	Maintenance	0	0	60,000	175,000	0	<b>235,000</b>
PFO-002-14 - Huron Lodge Facility Improvements	Maintenance	250,000	0	0	0	0	<b>250,000</b>
PFO-003-11 - Corporate Designated Substance Remediation Program	Maintenance	100,000	100,000	100,000	0	0	<b>300,000</b>
REC-004-08 - The WFCU Centre Capital Improvements	Maintenance	430,000	0	200,000	30,000	280,000	<b>940,000</b>

#### Division: Infrastructure & Geomatics

ECP-002-08 - Provincial Rd./Division Rd. Corridor Infrastructure Improvements	Growth	2,000,000	0	2,000,000	1,850,000	2,000,000	<b>7,850,000</b>
ECP-002-10 - Banwell Rd. Infrastructure Improvements	Growth	0	0	0	1,000,000	1,000,000	<b>2,000,000</b>
ECP-003-07 - Grand Marais Rd. Infrastructure Improvements	Growth	60,000	340,000	0	0	0	<b>400,000</b>
ECP-003-08 - Howard Ave. South Corridor Infrastructure Improvements	Growth	0	0	0	175,000	0	<b>175,000</b>
ECP-003-09 - Cabana Rd. Infrastructure Improvements	Growth	3,234,000	2,030,000	1,915,162	3,322,337	3,028,371	<b>13,529,870</b>
ECP-005-07 - Tecumseh Rd. E. Infrastructure Improvements	Growth	0	0	0	50,000	450,000	<b>500,000</b>
ECP-007-07 - Local Improvement Program - Infrastructure	Growth	260,000	540,000	1,000,000	1,744,800	1,500,000	<b>5,044,800</b>
ECP-009-07 - Intersection Improvements Program	Growth	0	0	470,000	500,000	500,000	<b>1,470,000</b>
ECP-010-07 - East Riverside Planning District Infrastructure Improvements	Growth	0	0	250,000	0	2,400,000	<b>2,650,000</b>
ECP-016-07 - The Riverside Drive Vista Improvement	Growth	680,000	280,000	100,000	1,040,000	0	<b>2,100,000</b>
ECP-017-07 - Local Improvements Program - Sanitary Sewer	Growth	0	2,000,000	0	0	2,000,000	<b>4,000,000</b>

# City of Windsor

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

*For Budget Year 2017*

ECP-023-07 - Parent Ave./McDougall Ave. Storm Sewer Engineering & Construction	Growth	0	125,000	0	0	0	<b>125,000</b>
EDG-001-11 - Lauzon Parkway & County Rd. 42 Infrastructure Improvements	Growth	0	0	0	0	2,000,000	<b>2,000,000</b>
EIT-001-11 - Local Improvement Program - Street Lighting	Growth	0	0	100,000	0	100,000	<b>200,000</b>
ENG-001-16 - Sixth Concession Rd./North Talbot Rd. Infrastructure Improvements	Growth	0	0	0	0	300,000	<b>300,000</b>
ENG-002-12 - Local Improvement Program - Sidewalks	Growth	0	0	50,000	0	50,000	<b>100,000</b>
ENG-009-16 - North Talbot Rd. Environmental Assessment/Southwood Lakes Entrance Reconstruction	Growth	0	0	0	200,000	0	<b>200,000</b>
ECP-001-07 - Citywide Streetlight Pole/Wiring Upgrades & Relocations	Maintenance	400,000	700,000	520,000	240,000	500,000	<b>2,360,000</b>
ECP-003-08 - Howard Ave. South Corridor Infrastructure Improvements	Maintenance	0	0	0	175,000	0	<b>175,000</b>
ECP-003-09 - Cabana Rd. Infrastructure Improvements	Maintenance	3,234,000	2,030,000	1,915,163	3,322,337	3,028,371	<b>13,529,871</b>
ECP-014-07 - City Centre Streetscape Improvements	Maintenance	0	0	0	350,000	0	<b>350,000</b>
ECP-022-07 - Prince Rd./Totten St. Storm Sewer Improvements - Engineering & Construction	Maintenance	0	125,000	0	80,000	0	<b>205,000</b>
ECP-023-07 - Parent Ave./McDougall Ave. Storm Sewer Engineering & Construction	Maintenance	0	125,000	0	0	0	<b>125,000</b>
ECP-028-07 - Grand Marais Drain Capital Improvements (Existing Naturalized Channel)	Maintenance	0	470,000	2,100,000	0	732,000	<b>3,302,000</b>
ECP-034-07 - Campbell Ave./University Ave. Storm Sewer Engineering & Construction	Maintenance	2,000,000	125,000	0	3,670,000	0	<b>5,795,000</b>
ECP-035-07 - City Wide Sewer Rehabilitation Program	Maintenance	18,116,000	14,415,000	16,410,000	11,156,000	12,000,000	<b>72,097,000</b>
ENG-001-13 - Capital Improvements to Little River Steel Retaining Walls	Maintenance	1,000,000	500,000	0	1,000,000	0	<b>2,500,000</b>
ENG-002-16 - Capital Improvements to Little River Municipal Drain (Lauzon Rd. to VIA Tracks)	Maintenance	0	0	0	100,000	0	<b>100,000</b>
ENG-003-13 - Sixth Concession Municipal Drain - Land Acquisition & Capital Improvements	Maintenance	0	150,000	200,000	500,000	200,000	<b>1,050,000</b>
ENG-009-16 - North Talbot Rd. Environmental Assessment/Southwood Lakes Entrance Reconstruction	Maintenance	0	0	0	400,000	0	<b>400,000</b>
<b>Division: Pollution Control</b>							
ENV-001-08 - Lou Romano Water Reclamation Plant Capital Improvements	Maintenance	2,105,000	1,510,000	1,450,000	950,000	2,150,000	<b>8,165,000</b>
ENV-002-08 - Little River Pollution Control Plant Capital Improvements	Maintenance	1,920,000	1,095,000	2,755,000	525,000	575,000	<b>6,870,000</b>
ENV-003-08 - Pumping Stations Capital Improvements	Maintenance	1,400,000	250,000	2,030,000	390,000	2,850,000	<b>6,920,000</b>
<b>Department: Parks</b>							
<b>Division: Parks Operations</b>							
PFO-001-14 - Central Riverfront Park Improvements	Growth	0	0	1,500,000	250,000	1,225,000	<b>2,975,000</b>
PFO-001-17 - Adult Exercise Equipment	Growth	0	0	0	0	50,000	<b>50,000</b>
PFO-002-16 - Realtor Park Splash Pad/Washroom Placeholder	Growth	0	0	0	500,000	0	<b>500,000</b>
PFO-003-17 - GPS Laser Line Painting Equipment	Growth	0	0	0	50,000	0	<b>50,000</b>
PFO-008-12 - New Park Design/Development/Construction	Growth	300,000	0	0	0	300,000	<b>600,000</b>
PFO-001-14 - Central Riverfront Park Improvements	Maintenance	0	0	1,500,000	250,000	1,225,000	<b>2,975,000</b>

# City of Windsor

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

*For Budget Year 2017*

PFO-002-15 - Accessible Playgrounds Program	Maintenance	0	2,000,000	0	0	1,500,000	<b>3,500,000</b>
PFO-005-12 - Regional Parks Initiatives	Maintenance	500,000	500,000	500,000	0	750,000	<b>2,250,000</b>
PFO-006-12 - Community Parks Initiatives	Maintenance	250,000	0	500,000	500,000	250,000	<b>1,500,000</b>
PFO-007-12 - Neighbourhood Parks Initiatives	Maintenance	250,000	0	500,000	500,000	250,000	<b>1,500,000</b>
PFO-009-12 - Park Bridges/Shelters/Buildings/Shore Wall Capital Improvements	Maintenance	50,000	0	100,000	100,000	100,000	<b>350,000</b>
PFO-012-12 - Park Trails Capital Improvements	Maintenance	200,000	0	200,000	200,000	200,000	<b>800,000</b>
PFO-013-12 - Park-related Parking Lots Capital Upgrades	Maintenance	0	0	1,000,000	500,000	200,000	<b>1,700,000</b>
PFO-017-12 - Playground Equipment Removal	Maintenance	100,000	0	100,000	0	100,000	<b>300,000</b>
<b>Department: Public Works Operations</b>							
<b>Division: Contracts, Field Services &amp; Maintenance</b>							
OPS-001-07 - Road Rehabilitation - Various Locations Program	Maintenance	7,787,000	8,887,000	9,239,090	8,877,000	8,000,000	<b>42,790,090</b>
OPS-002-14 - Enhanced Capital Budget Road Rehabilitation Placeholder	Maintenance	0	5,489,000	0	0	0	<b>5,489,000</b>
OPS-003-07 - Bridge Rehabilitation Program	Maintenance	4,000,000	2,500,000	3,200,000	3,399,000	4,034,000	<b>17,133,000</b>
OPS-004-07 - Sidewalk Rehabilitation Program	Maintenance	500,000	0	700,000	700,000	800,000	<b>2,700,000</b>
OPS-008-16 - Devon Dr. Reconstruction - South Service Rd. to Sydney Ave.	Maintenance	0	0	0	1,500,000	0	<b>1,500,000</b>
OPS-009-16 - North Service Rd. Reconstruction	Maintenance	0	0	0	2,100,000	0	<b>2,100,000</b>
OPS-010-16 - Wyandotte St. Mill and Pave - Watson Ave. to Riverdale Ave.	Maintenance	0	0	0	300,000	0	<b>300,000</b>
OPS-023-17 - South National Relining	Maintenance	562,500	187,500	0	0	0	<b>750,000</b>
OPS-024-17 - Rossini Street Relining	Maintenance	105,000	35,000	0	0	0	<b>140,000</b>
OPS-025-17 - Storm Extension to Railway at College and Crawford	Maintenance	354,339	125,661	0	0	0	<b>480,000</b>
<b>Division: Environmental Services</b>							
OPS-004-17 - Monitoring Cameras	Growth	50,000	0	0	0	0	<b>50,000</b>
<b>Division: Fleet</b>							
OPS-022-07 - Purchase of Additional Fleet Equipment	Growth	145,000	0	0	0	0	<b>145,000</b>
FRS-001-07 - Fire & Rescue First Response Vehicle Replacement Program	Maintenance	636,000	0	47,000	52,000	58,000	<b>793,000</b>
OPS-001-15 - Parks Equipment Replacement Program	Maintenance	459,000	617,000	279,000	733,000	800,000	<b>2,888,000</b>
OPS-001-17 - Fuel Site Equipment Replacement	Maintenance	0	0	0	20,000	0	<b>20,000</b>
OPS-005-08 - Corporate Fleet Replacement Program	Maintenance	1,021,000	2,610,000	2,164,000	1,908,000	992,000	<b>8,695,000</b>
<b>Division: Traffic Ops, Parking &amp; Trans. Planning</b>							
OPS-002-09 - Video Detection Infrastructure & Equipment Upgrade/Replacement Program	Growth	500,000	0	500,000	400,000	400,000	<b>1,800,000</b>
OPS-019-07 - New Parking Lot Development	Growth	0	0	150,000	150,000	150,000	<b>450,000</b>
OPS-020-07 - Parking Lot Rehabilitation Program	Growth	0	0	50,000	50,000	50,000	<b>150,000</b>
OPS-001-10 - Traffic Signal LED Replacement Program	Maintenance	0	0	350,000	450,000	200,000	<b>1,000,000</b>
OPS-001-13 - Parking Equipment Replacement Program	Maintenance	62,000	80,000	100,000	100,000	100,000	<b>442,000</b>
OPS-003-14 - University Avenue Environmental Assessment Placeholder	Maintenance	0	5,000,000	0	0	0	<b>5,000,000</b>
OPS-010-07 - Advanced Traffic Management System (ATMS) - Capital Software/Hardware Upgrades	Maintenance	200,000	600,000	600,000	600,000	600,000	<b>2,600,000</b>

# City of Windsor

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

For Budget Year 2017

OPS-012-07 - Traffic Signals - Capital Upgrades and Replacements	Maintenance	300,000	200,000	200,000	300,000	300,000	<b>1,300,000</b>
OPS-018-07 - Parking Garage Capital Improvements	Maintenance	300,000	300,000	600,000	600,000	1,100,000	<b>2,900,000</b>
OPS-020-07 - Parking Lot Rehabilitation Program	Maintenance	0	0	0	100,000	100,000	<b>200,000</b>
<b>Total for Service Area: Office of the City Engineer</b>		<b>57,966,155</b>	<b>59,079,421</b>	<b>63,905,879</b>	<b>60,426,974</b>	<b>66,862,742</b>	<b>308,241,171</b>
<b>Growth Percent:</b>		<b>13.6 %</b>	<b>13.3 %</b>	<b>20.6 %</b>	<b>18.9 %</b>	<b>33.6 %</b>	<b>20.4 %</b>
<b>Maintenance Percent:</b>		<b>86.4 %</b>	<b>86.7 %</b>	<b>79.4 %</b>	<b>81.1 %</b>	<b>66.4 %</b>	<b>79.6 %</b>

### Service Area: Office of the City Solicitor

#### Department: Fire & Rescue

##### Division: Fire Operations

FRS-003-13 - New Fire Headquarters - Station #1	Growth	0	0	0	0	1,000,000	<b>1,000,000</b>
FRS-004-16 - Fire & Rescue Apparatus Technology-aided Solutions	Growth	130,000	0	0	0	0	<b>130,000</b>

##### Division: Fire Support Services

FRS-002-16 - Fire Engine Portable Hoists	Growth	0	0	0	0	80,000	<b>80,000</b>
FRS-002-07 - Fire & Rescue Computer-aided Dispatch System (CRISYS) Upgrade	Maintenance	0	0	50,000	0	0	<b>50,000</b>
FRS-004-07 - Breathing Apparatus Replacement	Maintenance	0	300,000	0	0	0	<b>300,000</b>

#### Department: Legal

##### Division: Legal, Real Estate & Risk Mgmt

ENG-005-16 - 2437 Howard Ave. Improvements Placeholder	Maintenance	250,000	0	0	0	0	<b>250,000</b>
LGL-003-17 - Confidential Property Related Matters - In-Camera Items	Maintenance	0	1,000,000	100,000	4,100,000	500,000	<b>5,700,000</b>

#### Department: Planning & Building

##### Division: Urban Design

PLN-021-07 - City Hall Square and Civic Esplanade	Maintenance	0	0	500,000	258,000	300,000	<b>1,058,000</b>
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<b>Total for Service Area: Office of the City Solicitor</b>		<b>380,000</b>	<b>1,300,000</b>	<b>650,000</b>	<b>4,358,000</b>	<b>1,880,000</b>	<b>8,568,000</b>
<b>Growth Percent:</b>		<b>34.2 %</b>	<b>0.0 %</b>	<b>0.0 %</b>	<b>0.0 %</b>	<b>57.4 %</b>	<b>14.1 %</b>
<b>Maintenance Percent:</b>		<b>65.8 %</b>	<b>100.0 %</b>	<b>100.0 %</b>	<b>100.0 %</b>	<b>42.6 %</b>	<b>85.9 %</b>

### Service Area: Transportation Services Office

#### Department: Transit Windsor

##### Division: Transit Maintenance

TRN-001-08 - Transit Windsor Smart Bus Technology/Intelligent Transportation System (ITS) Initiative	Growth	0	0	500,000	0	0	<b>500,000</b>
TRN-021-17 - Acquisition of Fleet Inspection Equipment to Support the Bus Rehabilitation Program	Growth	77,500	0	0	0	0	<b>77,500</b>
TRN-001-07 - Transit Windsor Fleet Replacement Program	Maintenance	0	0	763,108	2,085,500	3,010,500	<b>5,859,108</b>

# City of Windsor

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

*For Budget Year 2017*

TRN-001-16 - Transit Windsor Fleet Refurbishment/Repair Costs	Maintenance	500,000	500,000	500,000	500,000	500,000	<b>2,500,000</b>
TRN-010-17 - Acquisition of 40' Clean Diesel Buses	Maintenance	6,247,392	4,000,000	2,247,392	0	0	<b>12,494,784</b>
TRN-012-17 - Rehabilitation of Concrete Surfaces/Drains in Fuelling and Cleaning Area of the Maintenance Garage	Maintenance	65,000	0	5,000	0	0	<b>70,000</b>
TRN-013-17 - Rehabilitation of Concrete Surfaces throughout the Maintenance Garage	Maintenance	50,000	0	50,000	0	0	<b>100,000</b>
TRN-014-17 - Replacement Of Three High-Speed Doors in the Maintenance Garage	Maintenance	45,000	0	45,000	0	0	<b>90,000</b>
TRN-017-17 - Installation of an Exhaust Unit for Improved Ventilation at Main Transit Terminal	Maintenance	375,000	0	0	375,000	0	<b>750,000</b>
TRN-018-17 - Acquisition of a Commercial Grade Floor Sweeper for Maintenance Garage Floor	Maintenance	42,500	0	0	42,500	0	<b>85,000</b>
TRN-019-17 - Acquisition of a Commercial Grade Parts Washer for the Maintenance Garage	Maintenance	37,500	0	37,500	0	0	<b>75,000</b>
TRN-021-17 - Acquisition of Fleet Inspection Equipment to Support the Bus Rehabilitation Program	Maintenance	310,000	0	0	387,500	0	<b>697,500</b>
<b>Division: Transit Operations</b>							
TRN-004-17 - Automatic Passenger Counter	Growth	200,000	0	0	0	0	<b>200,000</b>
TRN-006-17 - Additional Intelligent Transportation System Laptops For On Road Supervisory Support Vehicles	Growth	9,000	0	0	0	0	<b>9,000</b>
TRN-007-17 - Installation of Eight LED Outdoor Message Signs At Bus Stops and Two Flat Panel Indoor Displays	Growth	200,000	0	0	0	0	<b>200,000</b>
TRN-003-17 - Transit Windsor - West End Terminal	Maintenance	200,000	0	0	0	0	<b>200,000</b>
TRN-020-17 - Renovations and Enhancements to the Transportation Services Area	Maintenance	100,000	0	0	100,000	0	<b>200,000</b>
<b>Division: Transit Planning</b>							
TRN-009-17 - Restoration of Multiple Transit Windsor Pedestrian Shelters	Growth	156,000	20,000	120,000	320,000	20,000	<b>636,000</b>
TRN-009-17 - Restoration of Multiple Transit Windsor Pedestrian Shelters	Maintenance	364,000	0	0	0	0	<b>364,000</b>
<b>Division: Transit Sales &amp; Customer Service</b>							
TRN-016-17 - Renovations And Enhancements To Customer Service Area At The Main Transit Terminal	Maintenance	20,000	0	20,000	0	0	<b>40,000</b>
TRN-015-17 - Expansion of Customer Service Parking to Support Increased Demand	None	10,000	0	10,000	0	0	<b>20,000</b>
<b>Department: Windsor Airport</b>							
<b>Division: Windsor-Airport</b>							
ECP-010-09 - Airport Various Asset Replacement/Refurbishment/Upgrades	Maintenance	460,000	650,000	2,896,000	4,155,300	2,312,000	<b>10,473,300</b>

# City of Windsor

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

For Budget Year 2017

<b>Total for Service Area: Transportation Services Office</b>	<b>9,468,892</b>	<b>5,170,000</b>	<b>7,194,000</b>	<b>7,965,800</b>	<b>5,842,500</b>	<b>35,641,192</b>
<b>Growth Percent:</b>	<b>6.8 %</b>	<b>0.4 %</b>	<b>8.6 %</b>	<b>4.0 %</b>	<b>0.3 %</b>	<b>4.6 %</b>
<b>Maintenance Percent:</b>	<b>93.1 %</b>	<b>99.6 %</b>	<b>91.2 %</b>	<b>96.0 %</b>	<b>99.7 %</b>	<b>95.4 %</b>
<b>Total for: Tangible Capital Asset</b>	<b>70,808,047</b>	<b>68,197,421</b>	<b>78,371,879</b>	<b>78,042,774</b>	<b>84,522,683</b>	<b>379,942,804</b>
<b>Growth Percent:</b>	<b>13.3 %</b>	<b>12.9 %</b>	<b>20.6 %</b>	<b>17.7 %</b>	<b>31.7 %</b>	<b>19.7 %</b>
<b>Maintenance Percent:</b>	<b>86.6 %</b>	<b>87.1 %</b>	<b>79.4 %</b>	<b>82.3 %</b>	<b>68.3 %</b>	<b>80.3 %</b>
<b>Total Growth for Non-Tangible and Tangible Capital Asset:</b>	<b>14,411,766</b>	<b>14,530,519</b>	<b>31,856,085</b>	<b>31,245,887</b>	<b>32,662,621</b>	<b>124,706,878</b>
<b>Growth Percentage:</b>	<b>15.9 %</b>	<b>16.5 %</b>	<b>30.8 %</b>	<b>30.6 %</b>	<b>33.5 %</b>	<b>25.9 %</b>
<b>Total Maintenance for Non-Tangible and Tangible Capital Asset:</b>	<b>75,969,981</b>	<b>73,459,902</b>	<b>71,680,794</b>	<b>70,854,387</b>	<b>64,965,906</b>	<b>356,930,970</b>
<b>Maintenance Percentage:</b>	<b>84.0 %</b>	<b>83.5 %</b>	<b>69.2 %</b>	<b>69.4 %</b>	<b>66.5 %</b>	<b>74.1 %</b>
<b>Grand Total:</b>	<b>90,391,747</b>	<b>87,990,421</b>	<b>103,546,879</b>	<b>102,100,274</b>	<b>97,628,527</b>	<b>481,657,848</b>

# **2017 Recommended Capital Budget**



## **Section F:**

### **Capital Project Summaries**

**Agencies & Boards**



# Project Version Summary

<b>Project #</b>	POL-001-09	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service Fleet Replacement/Refurbishment Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
The Police Fleet reserve has been created as per CR162/2008 dated April 14, 2008 to fund future replacement of police vehicles. Funding for this reserve will come as a transfer from Police's operating budget on an annual basis.				The fleet replacement schedule was approved by the Windsor Police Service's Board on Jan. 24, 2014.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7091014																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>														
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>					
2017	1,268,000	1,268,000	0	<b>Expenses</b>												
2018	1,268,000	1,268,000	0	5110	Machinery & Equipment - TCA											
2019	1,268,000	1,268,000	0		1,268,000	1,268,000	1,268,000	1,268,000	1,268,000	0	6,340,000					
2020	1,268,000	1,268,000	0													
2021	1,268,000	1,268,000	0													
2022+	0	0	0													
	<b>6,340,000</b>	<b>6,340,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>				<b>Revenues</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	183	Police Fleet											
2009	1,100,000	1,100,000	0		1,268,000	1,268,000	1,268,000	1,268,000	1,268,000	0	6,340,000					
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													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>					
				Unknown	No known operating budget impact.						0	0				
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>								
2009	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %		Al Frederick				Ongoing								





# Project Version Summary

<b>Project #</b>	POL-001-11	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service Collision Reporting Centre - Expansion and Upgrades		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 9		
<b>Version Name</b>	Main (Active)		

**Project Description**  
 Based largely on a previously approved business case, this project is part of a modernized combined facility featuring an expanded Collision Reporting Centre (CRC), short term towed vehicle storage yard, secure storage space for archival data/information, back up 911 call taking and dispatch functions, secure specialty vehicle storage, and a police electronic back up data facility. The project location is an existing property located at 2696 Jefferson Boulevard. At this point a RFP is being assembled to select a project architect to provide a comprehensive space needs assessment, conceptual design, and preparation of construction documents (drawings and specifications) for all works to be undertaken.

**Version Description**  
 This project represents a planned expansion of the Windsor Police Collision Reporting Centre (CRC), plus accommodating a number of operational support functions that are presently decentralized throughout other Windsor Police Service facility locations. The facility will be shared with our current Collision Reporting Centre (CRC) private partner whom we are under contract with.

**Project Comments/Reference**  
 Police project reference #2011-2

**Version Comments**  
 Total estimated cost is anticipated to be approximately \$1.5 - \$2.3 million. The remaining project funding is to come from the sale of 5245 County Road 42 (recent Council report details this), plus the approximately \$425,000 in surplus funds Windsor Police Service still have currently within the capital account for this project.

Project Forecast		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2017	500,000	0	500,000
2018	200,000	200,000	0
2019	0	0	0
2020	0	0	0
2021	0	0	0
2022+	500,000	500,000	0
	<b>1,200,000</b>	<b>700,000</b>	<b>500,000</b>

Project Detailed Forecast							
GL Account	2017	2018	2019	2020	2021	2022+	Total
<b>Expenses</b>							
5410 Construction Contracts - TCA	500,000	200,000	0	0	0	500,000	1,200,000
<b>Total</b>	<b>500,000</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>	<b>1,200,000</b>
<b>Revenues</b>							
160 Capital Expenditure Reserve	0	200,000	0	0	0	500,000	700,000
169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0
6940 Proceeds - Disposal Of Land	500,000	0	0	0	0	0	500,000
<b>Total</b>	<b>500,000</b>	<b>200,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>	<b>1,200,000</b>

**Historical Approved Budget**

Related Projects			Operating Budget Impact		
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date	
2011	January 1, 2019	Growth: 100.0 % Maintenance: 0.0 %	Barry Horrobin	2019 & Beyond	
			Effective Date	Description	Exp/(Rev) FTE Impact
			Unknown	Annual facility costs of operating a building, surrounding property and contribution to a reserve for future capital improvements, similar to what exists for both the Windsor Justice Facility and the Major F. A. Tilston Armoury and Police Training Centre. It is anticipated that because the project will be pursued as a LEED Gold certified development, the annual operating costs per square foot cannot be quantified until a finalized project design is completed but will be less than those for the existing facilities to be replaced.	0 0



# Project Version Summary

<b>Project #</b>	POL-001-16	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service E911 Voice Logger System Upgrades/Replacement		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
The Emergency 911 Centre is legislated under the Police Services Act to ensure that all communications are recorded. The current voicelogger system will be at its end of life by 2020 and will require replacement/upgrade.											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5110 Machinery & Equipment - TCA			0	150,000	0	0	150,000
2018	0	0	0		0	0	0	150,000	0	0	150,000
2019	0	0	0	<b>Total</b>	0	0	0	150,000	0	0	150,000
2020	150,000	150,000	0	<b>Revenues</b>							
2021	0	0	0	195 Police Equipment Reserve			0	150,000	0	0	150,000
2022+	0	0	0		0	0	0	150,000	0	0	150,000
	<b>150,000</b>	<b>150,000</b>	<b>0</b>	<b>Total</b>	0	0	0	150,000	0	0	150,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	No known operating budget impact.				0	0	
<b>Related Projects</b>											
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2016	January 1, 2020	Growth: 0.0 % Maintenance: 0.0 %		Director Lori Powers				Dec 31, 2020			



# Project Version Summary

<b>Project #</b>	POL-001-17	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service - In-camera Item #1		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

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



## Project Version Summary

<b>Project #</b>	POL-002-14	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service Training Classroom Table & Chair Replacement		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 2		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
Most of the classroom space at the Major F.A. Tilston VC Armoury & Police Training Facility is shared between the Department of National Defence & the Windsor Police Service. Windsor Police Service uses the facility during the day and Department of National Defence during the evenings and on weekends. The current classroom tables and chairs require replacement due to wear and tear and there is a need to accommodate new classroom configurations.				Classrooms 1 & 2 and Conference Room 1 are in a constant state of transition between users and table orientations. The current set of 50 tables used in these 3 rooms are completely rigid, with fixed legs, fixed work surfaces and no wheels. Changing the configuration of a room from lecture, to u-shaped, to syndicate groups is very time consuming and labour intensive. Unused tables must be manually stacked out of the way either at the back of the room or down the hallway. This is especially so in light of the constantly changing room configurations throughout the day and night. Tables with wheels and tilting work surfaces would allow quicker reconfiguration of these 3 rooms and allow unused tables to be easily stored within the classroom space.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>														
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>					
2017	65,000	65,000	0	5110 Machinery & Equipment - TCA												
2018	0	0	0	65,000	0	0	0	0	0	0	65,000					
2019	0	0	0	Total	65,000	0	0	0	0	0	65,000					
2020	0	0	0	<b>Revenues</b>												
2021	0	0	0	195 Police Equipment Reserve												
2022+	0	0	0	65,000	0	0	0	0	0	0	65,000					
<b>65,000</b>		<b>65,000</b>		Total	65,000	0	0	0	0	0	65,000					
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>												
<b>Related Projects</b>				<b>Effective Date</b>		<b>Description</b>				<b>Exp/(Rev)</b>		<b>FTE Impact</b>				
				Unknown		No known operating budget impact.				0		0				
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>								
2014	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %		Inspector T. Crowley				2020+								



# Project Version Summary

<b>Project #</b>	POL-002-15	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service Next Generation 911 Infrastructure Upgrades		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
Next Generation 9-1-1 (abbreviated NG9-1-1) refers to an initiative aimed at updating the 9-1-1 service infrastructure to improve public emergency communications services in a growingly wireless mobile society. Komutel's SIT 911 was purchased in 2014 for the purpose of migrating to internet protocol (IP) for data for 911. The migration to IP is the foundation for NG911 and this product will be used as the database structure for NG911. The product that will be developed for NG911 will be added to Komutel's SIT 911.				In addition to calling 9-1-1 from a phone, the system enables the public to transmit text, images, video and data to the 9-1-1 centre (referred to as a Public Safety Answering Point, or PSAP). The initiative also envisions additional types of emergency communications and data transfer. This NG9-1-1 infrastructure is intended to replace the current services over time. Requested budgets by year are placeholders so that funds can accumulate to cover the associated costs with upgrading to NG911 as those costs are not known at this time.							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5110 Machinery & Equipment - TCA							
2018	150,000	150,000	0		0	150,000	50,000	50,000	50,000	0	300,000
2019	50,000	50,000	0	<b>Total</b>	0	150,000	50,000	50,000	50,000	0	300,000
2020	50,000	50,000	0	<b>Revenues</b>							
2021	50,000	50,000	0	169 Pay As You Go - Capital Reserve	0	0	0	0	0	0	0
2022+	0	0	0	195 Police Equipment Reserve							
	<b>300,000</b>	<b>300,000</b>	<b>0</b>	<b>Total</b>	0	150,000	50,000	50,000	50,000	0	300,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				2020-01-01	Maintenance costs				20,000	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2015	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %		Director Powers				Dec 31, 2020+			



# Project Version Summary

<b>Project #</b>	POL-002-16	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service Backup E911 Centre Upgrades		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>										
The Emergency 911 Centre backup facility will require a technological upgrade to the Public Branch Exchange System, computers, monitors and software. This upgrade will ensure that the backup facility is compliant with Next Generation 911 and new internet protocol features.														
<b>Project Comments/Reference</b>				<b>Version Comments</b>										
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>										
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>			
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<b>Expenses</b>										
2017	0	0	0	5110 Machinery & Equipment - TCA										
2018	0	0	0		0	0	0	100,000	0	0	100,000			
2019	0	0	0	Total	0	0	0	100,000	0	0	100,000			
2020	100,000	100,000	0	<b>Revenues</b>										
2021	0	0	0	195 Police Equipment Reserve										
2022+	0	0	0		0	0	0	100,000	0	0	100,000			
	<b>100,000</b>	<b>100,000</b>	<b>0</b>	Total	0	0	0	100,000	0	0	100,000			
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>										
				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>					
				Unknown	No known operating budget impact.			0	0					
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>						
2016	January 1, 2020	Growth: 0.0 % Maintenance: 0.0 %		Director Lori Powers				Dec 31, 2020						



# Project Version Summary

<b>Project #</b>	POL-002-17	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service - In-camera Item #2		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

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





# Project Version Summary

<b>Project #</b>	POL-003-14	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service - In-camera Item #3		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<u>Revenue</u>		<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<b>Expenses</b>							
2017	0	0	0	5110 Machinery & Equipment - TCA							
2018	0	0	0		0	0	0	100,000	0	0	100,000
2019	0	0	0	Total	0	0	0	100,000	0	0	100,000
2020	100,000	100,000	0	<b>Revenues</b>							
2021	0	0	0	195 Police Equipment Reserve							
2022+	0	0	0		0	0	0	100,000	0	0	100,000
	<u>100,000</u>	<u>100,000</u>	<u>0</u>	Total	0	0	0	100,000	0	0	100,000
<b>Historical Approved Budget</b>											
		<u>Revenue</u>									
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>								
2014	265,000	265,000	0								
<b>Related Projects</b>				<b>Operating Budget Impact</b>							
				<u>Effective Date</u>	<u>Description</u>			<u>Exp/(Rev)</u>	<u>FTE Impact</u>		
				Unknown	No known operating budget impact.			0	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2014	January 1, 2020	Growth: 0.0 % Maintenance: 0.0 %		Inspector T. Crowley				Dec 31 2020+			



# Project Version Summary

<b>Project #</b>	POL-003-16	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service Microsoft Office Software Upgrades		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

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



# Project Version Summary

<b>Project #</b>	POL-003-17	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service - In-camera Item #4		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

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



# Project Version Summary

<b>Project #</b>	POL-004-15	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service - In-camera Item #5		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>								
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<b>Expenses</b>								
2017	100,000	100,000	0	5110	Machinery & Equipment - TCA							
2018	100,000	100,000	0		100,000	100,000	0	0	0	0	200,000	
2019	0	0	0	Total		100,000	100,000	0	0	0	0	200,000
2020	0	0	0	<b>Revenues</b>								
2021	0	0	0	195	Police Equipment Reserve							
2022+	0	0	0		100,000	100,000	0	0	0	0	200,000	
	<b>200,000</b>	<b>200,000</b>	<b>0</b>	Total		100,000	100,000	0	0	0	0	200,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>								
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				2020-01-01	Maintenance contracts					20,000	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>				
2015	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %		Insp. P. Keane				Dec 31, 2020+				



# Project Version Summary

<b>Project #</b>	POL-004-16	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service - In-camera Item #6		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>									
<b>Project Comments/Reference</b>				<b>Version Comments</b>									
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>									
				<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>		
<b>Revenue</b>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>										
2017	0	0	0										
2018	50,000	50,000	0										
2019	50,000	50,000	0										
2020	50,000	50,000	0										
2021	0	0	0										
2022+	0	0	0										
	<b>150,000</b>	<b>150,000</b>	<b>0</b>										
<b>Historical Approved Budget</b>													
				<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>		
<b>Revenue</b>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>										
2016	50,000	50,000	0										
<b>Related Projects</b>				<b>Operating Budget Impact</b>									
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	No known operating budget impact.					0	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>				<b>Est. Completion Date</b>						
2016	January 1, 2016	Growth: 0.0 % Maintenance: 0.0 %	D/C Derus				Ongoing						



# Project Version Summary

<b>Project #</b>	POL-004-17	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service - In-camera Item #7		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

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



# Project Version Summary

<b>Project #</b>	POL-005-14	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service E911 Centre Workstation Replacement		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
The E911 Centre is equipped with special workstations purchased in 1998 and are beginning to breakdown. They will need to be replaced as the warranty has expired and parts are no longer available.				The E911 Centre is equipped with eleven Bramic workstations that were purchased in 1998. The workstations are hydraulic and can be moved in several positions from sitting to standing to ensure optimal ergonomic benefit. In June of 2013, the first Bramic workstation broke down and Windsor Police Service was advised that it could not be repaired as the replacement parts are no longer available. It is recommended that the existing workstations be moved to the new E911 back-up site.							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
7141009											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5110	Machinery & Equipment - TCA						
2018	0	0	0		0	0	0	50,000	0	0	50,000
2019	0	0	0								
2020	50,000	50,000	0								
2021	0	0	0								
2022+	0	0	0								
	<b>50,000</b>	<b>50,000</b>	<b>0</b>								
<b>Historical Approved Budget</b>				<b>Revenues</b>							
		<b>Revenue</b>		195	Police Equipment Reserve						
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>		0	0	0	50,000	0	0	50,000
2014	200,000	200,000	0		0	0	0	50,000	0	0	50,000
<b>Related Projects</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	No known operating budget impact.			0	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2014	January 1, 2020	Growth: 0.0 % Maintenance: 0.0 %		Director L. Powers				2020+			



# Project Version Summary

<b>Project #</b>	POL-005-16	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service Renovations/AODA Compliance		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
Conduct a comprehensive architectural space planning/allocation assessment of the Investigation Services Division of the Windsor Police Service on the third floor of Police Headquarters followed by an implementation of the study results involving construction activity, upgraded furnishings & equipment, access control modifications, etc. Many staffing and operational deployment changes in recent years have necessitated this project to meet current and future operational requirements of the organization. The end result will also address options to improve the organizations commitment to a fully accessible work environment per the AODA legislation.																
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7161009																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>														
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>					
2017	140,000	140,000	0	5410 Construction Contracts - TCA												
2018	0	0	0	140,000	0	0	0	0	0	0	140,000					
2019	0	0	0	Total	140,000	0	0	0	0	0	140,000					
2020	0	0	0	<b>Revenues</b>												
2021	0	0	0	195 Police Equipment Reserve												
2022+	0	0	0	140,000	0	0	0	0	0	0	140,000					
	<b>140,000</b>	<b>140,000</b>	<b>0</b>	Total	140,000	0	0	0	0	0	140,000					
<b>Historical Approved Budget</b>																
		<b>Revenue</b>														
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>													
2016	60,000	60,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>						
				Unknown	No known operating budget impact.				0	0						
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>								
2016	January 1, 2016	Growth: 0.0 % Maintenance: 100.0 %		Director Barry Horrobin				Dec 31, 2017								





# Project Version Summary

<b>Project #</b>	POL-005-17	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service - In-camera Item #8		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

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



# Project Version Summary

<b>Project #</b>	POL-006-13	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service Network Infrastructure Upgrades		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>			<b>Version Description</b>								
This project will replace all of the communications switches contained in the 6 communications closets located at Windsor Police headquarters and in the 5 remote Windsor Police Service locations. The equipment provides and manages connectivity to the Windsor Police Service network for all Windsor Police computers and network devices.			The warranty on the equipment is approximately 5 years and will need replacement at the expiry of the warranty and to meet any new updated technology advancements and connectivity requirements.								
<b>Project Comments/Reference</b>			<b>Version Comments</b>								
7132001 Police project reference #2013-22											
<b>Project Forecast</b>			<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5110	Machinery & Equipment - TCA						
2018	0	0	0		0	0	150,000	0	0	0	150,000
2019	150,000	150,000	0		<hr/>						
2020	0	0	0		Total	0	0	150,000	0	0	150,000
2021	0	0	0	<b>Revenues</b>							
2022+	0	0	0	169	Pay As You Go - Capital Reserve						
	<hr/>	<hr/>	<hr/>		0	0	150,000	0	0	0	150,000
	<b>150,000</b>	<b>150,000</b>	<b>0</b>		Total	0	0	150,000	0	0	150,000
<b>Historical Approved Budget</b>											
<b>Related Projects</b>			<b>Operating Budget Impact</b>								
			<b>Effective Date</b>	<b>Description</b>						<b>Exp/(Rev)</b>	<b>FTE Impact</b>
			2017-01-01	Annual licencing and maintenance						5,000	0
			2018-01-01	Annual licencing and maintenance						5,000	0
			2019-01-01	Annual licencing and maintenance						5,000	0
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>					<b>Est. Completion Date</b>			
2013	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Director Dave Heimann					Dec 31 2019			



# Project Version Summary

<b>Project #</b>	POL-006-14	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service 911 VoIP Upgrades		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>			<b>Version Description</b>							
Bell began upgrading 911 to Voice Over Internet Protocol (VoIP) in 2015.			Bell began upgrading 911 to Voice Over Internet Protocol in 2015. Voice over IP (voice over Internet Protocol, VoIP) is a methodology and group of technologies for the delivery of voice communications and multimedia sessions over Internet Protocol (IP) networks. It is not necessary to upgrade immediately but it is a future initiative that will be required in order to keep pace with changing technology and to stay consistent with the methods used by other police services across the province.							
<b>Project Comments/Reference</b>			<b>Version Comments</b>							
<b>Project Forecast</b>			<b>Project Detailed Forecast</b>							
	<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>							
2017	200,000	200,000	0							
2018	0	0	0							
2019	0	0	0							
2020	0	0	0							
2021	0	0	0							
2022+	0	0	0							
	<b>200,000</b>	<b>200,000</b>	<b>0</b>							
<b>Historical Approved Budget</b>										
<b>Related Projects</b>			<b>Operating Budget Impact</b>							
			<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>
			2020-01-01	Annual licencing and maintenance					5,000	0
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>				<b>Est. Completion Date</b>			
2014	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %	Director L. Powers				Dec 31 2020+			



# Project Version Summary

<b>Project #</b>	POL-006-17	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service Operations Centre (WPSOC)		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

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



## Project Version Summary

<b>Project #</b>	POL-007-13	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service Business Intelligence Technology and Processes Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<table border="1"> <tr> <td><b>Project Description</b></td> </tr> <tr> <td> <p>Windsor Police Service has been collecting vast amounts of data within its Versadex RMS-CAD since 2001. However, there is no software within that system to provide Business Intelligence (BI) to improve operational efficiency and measure effectiveness without human intervention to conceive, perceive or identify an issue, structure a browse/query to obtain data to address the issue, conduct the query, organize the data, analyze the data and provide meaningful solutions in a timely manner to all of the necessary people. Business Intelligence (BI) technologies provide historical, current, and predictive views of business operations through automated functions such as reporting, dashboarding, online analytical processing, analytics, data mining, process mining, complex event processing, business performance management, benchmarking of key performance indicators (internal &amp; external), text mining and combined field and free text search, predictive analytics, and prescriptive analytics. As Business Intelligence (BI) systems are decision support systems, acquisition of a Business Intelligence (BI) software system will finally provide the Windsor Police Service with the tools to provide the necessary data to the right people in a timely and meaningful way for effective data driven decision making, eliminating manual and inefficient processes, streamline operations, and provide data-driven intelligence to patrol officers, using data to predict criminal activity to efficiently focus resources, and provide real time information to police in a smarter, cost efficient and safer manner. Currently, Windsor Police Service is implementing PHASE 1 of a "Business Intelligence" (BI) data driven policing model. All police data collected and processed is being organized in an efficient manner using hardware, software and services to allow for easy searches and retrieval. Manual data processes are being reviewed and inefficient processes are either being eliminated or replaced with a streamlined electronic process. PHASE 2 will be the next step. Advanced predictive analysis will be implemented to provide an in depth data-driven intelligence to patrol officers using data previously collected to predict criminal activity. This will efficiently focus resources.</p> </td> </tr> </table>	<b>Project Description</b>	<p>Windsor Police Service has been collecting vast amounts of data within its Versadex RMS-CAD since 2001. However, there is no software within that system to provide Business Intelligence (BI) to improve operational efficiency and measure effectiveness without human intervention to conceive, perceive or identify an issue, structure a browse/query to obtain data to address the issue, conduct the query, organize the data, analyze the data and provide meaningful solutions in a timely manner to all of the necessary people. 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<b>Project Comments/Reference</b>					
<p>7132002 Police project reference numbers 2013-3 and 2013-6</p>					
<b>Version Comments</b>					

Project Forecast			Revenue		Project Detailed Forecast						
Year	Total Expense	Net City Cost	Subsidies	GL Account	2017	2018	2019	2020	2021	2022+	Total
2017	0	0	0	<b>Expenses</b>							
2018	0	0	0	5110	Machinery & Equipment - TCA						
2019	0	0	0		0	0	0	0	500,000	0	500,000
2020	0	0	0	Total	0	0	0	0	500,000	0	500,000
2021	500,000	500,000	0	<b>Revenues</b>							
2022+	0	0	0	169	Pay As You Go - Capital Reserve						
	<b>500,000</b>	<b>500,000</b>	<b>0</b>	Total	0	0	0	0	500,000	0	500,000
<b>Historical Approved Budget</b>											
<b>Related Projects</b>			<b>Operating Budget Impact</b>								
			<b>Effective Date</b>	<b>Description</b>						<b>Exp/(Rev)</b>	<b>FTE Impact</b>
			2017-01-01	Annual licencing and maintenance						10,000	0
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2013	January 1, 2020	Growth: 0.0 % Maintenance: 0.0 %		D/C Derus				2020 & Beyond			



# Project Version Summary

<b>Project #</b>	POL-007-14	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service - In-camera Item #9		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>																																																																																																																																																			
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2014	January 1, 2018	Growth: 0.0 % Maintenance: 100.0 %		Director Horrobin				Ongoing																																																																																																																																															



# Project Version Summary

<b>Project #</b>	POL-007-16	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service - In-camera Item #10		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<b>Expenses</b>							
2017	0	0	0	5110 Machinery & Equipment - TCA							
2018	180,000	180,000	0		0	180,000	0	0	0	0	180,000
2019	0	0	0	Total	0	180,000	0	0	0	0	180,000
2020	0	0	0	<b>Revenues</b>							
2021	0	0	0	195 Police Equipment Reserve							
2022+	0	0	0		0	180,000	0	0	0	0	180,000
	<b>180,000</b>	<b>180,000</b>	<b>0</b>	Total	0	180,000	0	0	0	0	180,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	No known operating budget impact.			0	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2016	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %		Supt E. Hickey				Dec 31, 2018			





# Project Version Summary

<b>Project #</b>	POL-007-17	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service Patrol Line-up Room Modernization		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

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



# Project Version Summary

<b>Project #</b>	POL-008-16	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service - In-camera Item #11		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5110 Machinery & Equipment - TCA							
2018	0	0	0		0	0	100,000	0	0	0	100,000
2019	100,000	100,000	0	Total	0	0	100,000	0	0	0	100,000
2020	0	0	0	<b>Revenues</b>							
2021	0	0	0	195 Police Equipment Reserve							
2022+	0	0	0		0	0	100,000	0	0	0	100,000
	<b>100,000</b>	<b>100,000</b>	<b>0</b>	Total	0	0	100,000	0	0	0	100,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	No known operating budget impact.				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2016	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Supt. E. Hickey				Dec 31, 2019			



# Project Version Summary

<b>Project #</b>	POL-008-17	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service CRISIS Negotiator Unit (life-cycle replacement)		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>									
This project entails the maintenance and/or replacement of equipment to help ensure that the Windsor Police Service remains able to safely respond to high-risk tactical, crisis negotiation or related critical situations in which the lives of officers and community members are put in immediate jeopardy (legislated requirement). Existing equipment to be maintained and/or replaced as part of this project includes the Direct-Link Crisis Response Throw Phone System, Wireless Remote Area Perimeter Sharing (WRAPS) System, Wireless First Responder Loud Hailer, the Structural Tactical Acoustic Receiver and Sender (STARS) System as well as the various other tools utilized by incident command personnel and operators.													
<b>Project Comments/Reference</b>				<b>Version Comments</b>									
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>									
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>		
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>										
2017	0	0	0										
2018	0	0	0										
2019	0	0	0										
2020	0	0	0										
2021	60,000	60,000	0										
2022+	0	0	0										
	<b>60,000</b>	<b>60,000</b>	<b>0</b>										
<b>Historical Approved Budget</b>													
<b>Related Projects</b>				<b>Operating Budget Impact</b>									
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				2017-01-01	Computer, telephone, supplies					25,000	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>					
2017		Growth: 0.0 % Maintenance: 0.0 %		Staff Sergeant Crowley									



# Project Version Summary

<b>Project #</b>	POL-009-16	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service Internet Child Anti-Exploitation Initiatives		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>								
This project is to provide additional software and equipment to assist in the fight against the exploitation of children through the internet. It is imperative to the safety of the community that this mandate is maintained. Not only for the vital service it provides for the well being of our vulnerable children but for the service it provides in a multitude of other criminal investigations where cell phone, video, and computer technology are vital components of any and all investigations.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>		<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>								
2017	0	0	0	5110 Machinery & Equipment - TCA								
2018	0	0	0			0	0	100,000	0	0	0	100,000
2019	100,000	100,000	0	Total		0	0	100,000	0	0	0	100,000
2020	0	0	0	<b>Revenues</b>								
2021	0	0	0	195 Police Equipment Reserve								
2022+	0	0	0			0	0	100,000	0	0	0	100,000
	<b>100,000</b>	<b>100,000</b>	<b>0</b>	Total		0	0	100,000	0	0	0	100,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>								
				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>			
				Unknown	No known operating budget impact.			0	0			
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>				
2016	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Supt. E. Hickey				Dec 31, 2019				



## Project Version Summary

<b>Project #</b>	POL-009-17	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service Disaster Recovery Backup/Replication Site		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
The project provides a proper Disaster Recovery (DR) site including data backup and data replication. Currently our only recovery point is from tape. Strive to provide a functioning Disaster Recovery (DR) site with latest backup				Cost breakdown estimate are Veeam Software(\$22,000), Server with proper drives # of drives (\$50,000). Not included is the cost of the upgrade fibre line to the Disaster Recovery (DR) site and other unpredictable costs (\$28,000). Disaster Recovery (DR) site to house the RMS/CAD/exchange /etc.							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5110 Machinery & Equipment - TCA							
2018	0	0	0		0	0	100,000	0	0	0	100,000
2019	100,000	100,000	0	<b>Total</b>	0	0	100,000	0	0	0	100,000
2020	0	0	0	<b>Revenues</b>							
2021	0	0	0	195 Police Equipment Reserve							
2022+	0	0	0		0	0	100,000	0	0	0	100,000
	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>Total</b>	0	0	100,000	0	0	0	100,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	No known operating budget impact.				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017	January 1, 2017	Growth: 0.0 % Maintenance: 0.0 %		Tony Petrilli							



# Project Version Summary

<b>Project #</b>	POL-010-14	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service - In-camera Item #12		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<b>Expenses</b>							
2017	0	0	0	5110 Machinery & Equipment - TCA							
2018	0	0	0		0	0	0	0	1,000,000	0	1,000,000
2019	0	0	0	Total	0	0	0	0	1,000,000	0	1,000,000
2020	0	0	0	<b>Revenues</b>							
2021	1,000,000	1,000,000	0	169 Pay As You Go - Capital Reserve							
2022+	0	0	0		0	0	0	0	1,000,000	0	1,000,000
	<b>1,000,000</b>	<b>1,000,000</b>	<b>0</b>	Total	0	0	0	0	1,000,000	0	1,000,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				2021-01-01	Maintenance Contracts				40,000	0	
				2021-01-01	Salary and Benefits				110,000	1	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2014	January 1, 2020	Growth: 0.0 % Maintenance: 0.0 %		Deputy Chief R. Derus				Dec 31, 2020+			



# Project Version Summary

<b>Project #</b>	POL-010-16	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service Mobile Technology Initiatives		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>								
<p>CIU is looking to provide all Intelligence and Surveillance officers with mobile computers and cellular access for use in their daily duties and details. They spend a large amount of time working in the field often beginning and ending their shift without ever entering Headquarters. Notes and reports are generated daily and need to be submitted electronically, in a timely manner, to the requesting investigator. Photographic evidence and video evidence is also gathered on a regular basis during these assignments. Currently, valuable time and resources are wasted by having officers report to a police facility for the sole purpose of completing and submitting reports along with digital evidence. A mobile computer would eliminate the need to attend a police facility to complete these tasks, improve efficiencies within the operating unit, increase officer and public safety by not having to leave an operation to complete reports that can now be completed on the road, much like patrol officers. The cost of outfitting all officers with the appropriate computer, software, peripherals, and cellular internet access would be \$70,000.</p>												
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>		<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>								
2017	0	0	0	5110 Machinery & Equipment - TCA								
2018	0	0	0			0	0	70,000	0	0	0	70,000
2019	70,000	70,000	0	Total		0	0	70,000	0	0	0	70,000
2020	0	0	0	<b>Revenues</b>								
2021	0	0	0	195 Police Equipment Reserve								
2022+	0	0	0			0	0	70,000	0	0	0	70,000
	<b>70,000</b>	<b>70,000</b>	<b>0</b>	Total		0	0	70,000	0	0	0	70,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>								
				<b>Effective Date</b>		<b>Description</b>		<b>Exp/(Rev)</b>		<b>FTE Impact</b>		
				Unknown		No known operating budget impact.		0		0		
<b>Related Projects</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>				
2016	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Supt E. Hickey				Dec 31, 2019				



# Project Version Summary

<b>Project #</b>	POL-010-17	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service - In-camera Item #13		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>			
<b>Version Name</b>	Main (Active)		

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





# Project Version Summary

<b>Project #</b>	POL-011-16	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service Mobile Occurrence/Scene Documentation Application		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
The objective of this project is to leverage the Windsor Police Service' investment in mobile technology (smartphones/tablets). This project will see the deployment applications on those devices that will assist all frontline personnel with the streamlined, at-source, capture of searchable digital multimedia reports, notes and scene imagery via secure wireless handheld technology. This project will ensure a variety of effective text capture methods are available to officers - including voice to text dictation - to reduce overall reporting time and duplication of efforts required with traditional reporting and note-taking methods. Significant time savings and quality improvements are anticipated at occurrence scenes, as well as downstream during electronic Crown brief production and subsequent trial environments.											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5110 Machinery & Equipment - TCA							
2018	0	0	0		0	0	150,000	0	0	0	150,000
2019	150,000	150,000	0	Total	0	0	150,000	0	0	0	150,000
2020	0	0	0	<b>Revenues</b>							
2021	0	0	0	195 Police Equipment Reserve							
2022+	0	0	0		0	0	150,000	0	0	0	150,000
	<b>150,000</b>	<b>150,000</b>	<b>0</b>	Total	0	0	150,000	0	0	0	150,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	No known operating budget impact.				0	0	
<b>Related Projects</b>											
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2016	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Sgt. J. Belanger				Dec 31, 2019			



# Project Version Summary

<b>Project #</b>	POL-011-17	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service - In-camera Item #14		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5410	Construction Contracts - TCA						
2018	0	0	0		0	0	0	0	0	480,000	480,000
2019	0	0	0		<hr/>						
2020	0	0	0		Total	0	0	0	0	480,000	480,000
2021	0	0	0	<b>Revenues</b>							
2022+	480,000	480,000	0	169	Pay As You Go - Capital Reserve						
	<hr/>	<hr/>	<hr/>		0	0	0	0	0	480,000	480,000
	<b>480,000</b>	<b>480,000</b>	<b>0</b>		Total	0	0	0	0	480,000	480,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>
				Unknown	No known operating budget impact.				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017		Growth: 0.0 % Maintenance: 0.0 %		Superintendent Hickey							



# Project Version Summary

<b>Project #</b>	POL-012-16	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service Indoor Training Range Upgrades		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

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



# Project Version Summary

<b>Project #</b>	POL-012-17	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service Physical Readiness & Preparedness Centre		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
A building on the site of the Major F. A. Tilston Armoury & Police Training Centre is required to meet the growing, statutory requirements associated with the physical readiness and preparation skills of operational police officers. This new structure would permanently house a "judgment simulator", a classroom space to support training exercises carried out in the adjacent outdoor firing range and CQB, and the relocation of the P.R.E.P. testing equipment and defensive tactics equipment. The building would require proper insulation, heating & air conditioning, electrical servicing, technology infrastructure, etc. to meet established legislative requirements in the policing profession. It would be used regularly throughout the year.											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5410 Construction Contracts - TCA							
2018	0	0	0		0	0	0	0	0	800,000	800,000
2019	0	0	0								
2020	0	0	0								
2021	0	0	0								
2022+	800,000	800,000	0							800,000	800,000
	<b>800,000</b>	<b>800,000</b>	<b>0</b>							<b>800,000</b>	<b>800,000</b>
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				2017-01-01	Facility maintenance				50,000	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017	January 1, 2021	Growth: 0.0 % Maintenance: 0.0 %		Director Horrobin/Inspector Crowley							



# Project Version Summary

<b>Project #</b>	POL-013-14	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service - In-camera Item #15		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>										
<b>Project Comments/Reference</b>				<b>Version Comments</b>										
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>										
		<u>Revenue</u>		<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>			
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<b>Expenses</b>										
2017	0	0	0	5110	Machinery & Equipment - TCA									
2018	200,000	200,000	0		0	200,000	0	0	0	0	0	200,000		
2019	0	0	0	Total		0	200,000	0	0	0	0	200,000		
2020	0	0	0	<b>Revenues</b>										
2021	0	0	0	195	Police Equipment Reserve									
2022+	0	0	0		0	200,000	0	0	0	0	0	200,000		
	<u>200,000</u>	<u>200,000</u>	<u>0</u>	Total		0	200,000	0	0	0	0	200,000		
<b>Historical Approved Budget</b>														
		<u>Revenue</u>												
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>											
2014	200,000	200,000	0											
2016	125,000	125,000	0											
<b>Related Projects</b>				<b>Operating Budget Impact</b>										
				<u>Effective Date</u>	<u>Description</u>						<u>Exp/(Rev)</u>	<u>FTE Impact</u>		
				2020-01-01	Training Staff						65,000	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>						
2014	January 1, 2016	Growth: 0.0 % Maintenance: 0.0 %		Inspector T. Crowley				Dec 31 2020+						



# Project Version Summary

<b>Project #</b>	POL-013-16	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service Outdoor Training Range Upgrades		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<p>This proposal is for a redesign of the outdoor range. A quote was requested to enclose the first fifty yards of the outdoor range in year one of the recommendation. This will serve to increase training capacity and efficiency. The outdoor range retrofit will create opportunity to increase training capacity essentially adding a second range option that can be utilized 365 days of the year. In addition, the range will be baffled and have sound eliminating technologies applied that will significantly reduce noise volumes experienced by local residents. In year two, range electronic updates would be complete and baffling extended to enable officers in training to discharge weapons from zero to 100 yards while positioned under the cover of the baffles or enclosed portion. Training will be more effective and efficient with recommended improvements and will facilitate movement tasks that will create a very important realistic training environment. Static training is no longer deemed to be effective. This recommended upgrade is aligned with the Ontario Police College and their efforts to increase training capacity. This design eliminates the possibility of a discharged round escaping the range and will significantly reduce noise complaints from neighbouring residents. The indoor range upgrade will need to occur first which will help determine the specific needs to be done for the outdoor range.</p>											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5410	Construction Contracts - TCA						
2018	0	0	0		0	0	0	0	0	2,400,000	2,400,000
2019	0	0	0								
2020	0	0	0								
2021	0	0	0								
2022+	2,400,000	2,400,000	0							2,400,000	2,400,000
	<b>2,400,000</b>	<b>2,400,000</b>	<b>0</b>								
<b>Historical Approved Budget</b>				<b>Revenues</b>							
				169	Pay As You Go - Capital Reserve						
					0	0	0	0	0	2,400,000	2,400,000
					0	0	0	0	0	2,400,000	2,400,000
<b>Related Projects</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	No known operating budget impact.				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			

2016	January 1, 2020	Growth: 0.0 % Maintenance: 0.0 %	Insp. T. Crowley	Dec 31,2021
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# Project Version Summary

<b>Project #</b>	POL-013-17	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service - In-camera Item #16		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<b>Expenses</b>							
2017	0	0	0	5110	Machinery & Equipment - TCA						
2018	0	0	0		0	0	0	0	0	50,000	50,000
2019	0	0	0		<hr/>						
2020	0	0	0		Total	0	0	0	0	50,000	50,000
2021	0	0	0	<b>Revenues</b>							
2022+	50,000	50,000	0	169	Pay As You Go - Capital Reserve						
	<hr/>	<hr/>	<hr/>		0	0	0	0	0	50,000	50,000
	<b>50,000</b>	<b>50,000</b>	<b>0</b>		Total	0	0	0	0	50,000	50,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	No known operating budget impact.			0	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017	January 1, 2017	Growth: 0.0 % Maintenance: 0.0 %		Inspector Crowley							





# Project Version Summary

<b>Project #</b>	POL-014-16	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service Wireless Network Upgrades		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<p>This project will result in the installation of secure wireless connectivity to internal Windsor Police Service networks within Windsor Police Service Headquarters. The network connectivity will be achieved via installation of secure Wi-Fi Access Points in areas with high computer usage within Headquarters. Areas already under consideration for coverage have included meeting and conference rooms; this project expands the coverage to include operational areas such as the report-writing room, lineup briefing room as well as all fleet/garage and crib areas/levels which would enable Technology Services to "push" automated updates of mobile devices and to "pull" automated uploads of video from camera equipped vehicles or devices entering the garage areas.</p>											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	50,000	50,000	0	5110 Machinery & Equipment - TCA							
2018	0	0	0		50,000	0	0	0	0	0	50,000
2019	0	0	0								
2020	0	0	0								
2021	0	0	0								
2022+	0	0	0								
	<b>50,000</b>	<b>50,000</b>	<b>0</b>	<b>Revenues</b>							
				195 Police Equipment Reserve							
					50,000	0	0	0	0	0	50,000
					<b>Total</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	No known operating budget impact.				0	0	
<b>Related Projects</b>											
				<b>Project Lead</b>				<b>Est. Completion Date</b>			
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		Sgt. J. Belanger				Dec 31, 2017			
2016	January 1, 2017	Growth: 100.0 % Maintenance: 0.0 %									



# Project Version Summary

<b>Project #</b>	POL-014-17	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service Mobile Device Encryption-Laptops		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>									
The project entails ensuring any device Windsor Police staff use that leaves the building be encrypted to prevent data loss in the event equipment is lost or stolen. This is a technology and data security related issue, required to mitigate risk and liability. This provides a provision to encrypt all computers in the Service.													
<b>Project Comments/Reference</b>				<b>Version Comments</b>									
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>									
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>		
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<b>Expenses</b>									
2017	0	0	0	5110	Machinery & Equipment - TCA								
2018	0	0	0		0	0	0	0	0	100,000	100,000		
2019	0	0	0										
2020	0	0	0										
2021	0	0	0										
2022+	100,000	100,000	0										
	<b>100,000</b>	<b>100,000</b>	<b>0</b>										
<b>Historical Approved Budget</b>				<b>Revenues</b>									
				169	Pay As You Go - Capital Reserve								
					0	0	0	0	0	100,000	100,000		
					0	0	0	0	0	100,000	100,000		
<b>Related Projects</b>				<b>Operating Budget Impact</b>									
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				2017-01-01	Annual maintenance and licensing					25,000	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>									
2017	January 1, 2017	Growth: 0.0 % Maintenance: 0.0 %	Tony Petrilli										



# Project Version Summary

<b>Project #</b>	POL-015-17	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service - In-camera Item #17		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<b>Expenses</b>							
2017	0	0	0	5410 Construction Contracts - TCA							
2018	0	0	0		0	0	0	160,000	0	0	160,000
2019	0	0	0	Total	0	0	0	160,000	0	0	160,000
2020	160,000	160,000	0	<b>Revenues</b>							
2021	0	0	0	195 Police Equipment Reserve							
2022+	0	0	0		0	0	0	160,000	0	0	160,000
	<b>160,000</b>	<b>160,000</b>	<b>0</b>	Total	0	0	0	160,000	0	0	160,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	No known operating budget impact.				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017	January 1, 2017	Growth: 0.0 % Maintenance: 0.0 %		Director Horrobin							



# Project Version Summary

<b>Project #</b>	POL-016-17	<b>Service Area</b>	Agencies, Boards & Committees
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Police Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Police
<b>Title</b>	Windsor Police Service Patrol Smartphone Mobile Data Phase 2		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
Building on the success of the initial phase of the Patrol Mobile Data (Smartphone) Project, Phase two involves the deployment of additional phones to frontline Patrol Division officers for use with a wide variety of operational and support applications. Procurement of 150 additional smartphones will enable the issue of a dedicated smartphone to frontline officers thus enabling wider access to basic email applications for charge follow-ups as well as access to newly deployed EmpCentre software for overtime (OT) and time off submissions and after hours access to key employee self-service information. The dedicated issue of smartphones to frontline officers will also streamline resource intensive equipment issue processes (crib) and is expected to reduce instances of device damage and wear and tear.											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5110 Machinery & Equipment - TCA							
2018	0	0	0		0	0	0	0	0	100,000	100,000
2019	0	0	0								
2020	0	0	0								
2021	0	0	0								
2022+	100,000	100,000	0							100,000	100,000
	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>Revenues</b>							
				169 Pay As You Go - Capital Reserve							
					0	0	0	0	0	100,000	100,000
					0	0	0	0	0	100,000	100,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				2017-01-01	Annual fees				110,000	0	
<b>Related Projects</b>											
				<b>Project Lead</b>				<b>Est. Completion Date</b>			
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		Inspector Dodd							
2017	January 1, 2017	Growth: 0.0 % Maintenance: 0.0 %									

# **2017 Recommended Capital Budget**



## **Capital Project Summaries**

**City Council and Mayor's Office**



# Project Version Summary

<b>Project #</b>	MAY-001-16	<b>Service Area</b>	City Council & Mayor's Office
<b>Budget Year</b>	2017	<b>Department</b>	Mayor's Office
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Mayor's Office
<b>Title</b>	Arts Endowment Placeholder		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
In accordance with B68-2015, Council approved the "Proposed 2016 Enhanced Capital Budget" in the form of placeholder allocations in the budget with reports to BE PREPARED for Council's consideration.											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
				In accordance with B68-2015, Council approved the "Proposed 2016 Enhanced Capital Budget" in the form of placeholder allocations in the budget with reports to BE PREPARED for Council's consideration.							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5410 Construction Contracts - TCA							
2018	0	0	0		0	0	0	2,000,000	0	0	2,000,000
2019	0	0	0	<b>Total</b>	0	0	0	2,000,000	0	0	2,000,000
2020	2,000,000	2,000,000	0	<b>Revenues</b>							
2021	0	0	0	169 Pay As You Go - Capital Reserve							
2022+	0	0	0		0	0	0	2,000,000	0	0	2,000,000
	<b>2,000,000</b>	<b>2,000,000</b>	<b>0</b>	<b>Total</b>	0	0	0	2,000,000	0	0	2,000,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>											
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2016		Growth: 0.0 % Maintenance: 0.0 %									



# Project Version Summary

<b>Project #</b>	MAY-002-16	<b>Service Area</b>	City Council & Mayor's Office
<b>Budget Year</b>	2017	<b>Department</b>	Mayor's Office
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Mayor's Office
<b>Title</b>	Environmentally Significant Lands Acquisition Placeholder		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>			
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
In accordance with B68-2015, Council approved the "Proposed 2016 Enhanced Capital Budget" in the form of placeholder allocations in the budget with reports to BE PREPARED for Council's consideration.											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5210 Land Acquisition							
2018	0	0	0		0	0	0	1,500,000	0	0	1,500,000
2019	0	0	0	Total	0	0	0	1,500,000	0	0	1,500,000
2020	1,500,000	1,500,000	0	<b>Revenues</b>							
2021	0	0	0	169 Pay As You Go - Capital Reserve							
2022+	0	0	0		0	0	0	1,500,000	0	0	1,500,000
	<b>1,500,000</b>	<b>1,500,000</b>	<b>0</b>	Total	0	0	0	1,500,000	0	0	1,500,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>											
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2016		Growth: 0.0 % Maintenance: 0.0 %									

# **2017 Recommended Capital Budget**



## **Capital Project Summaries**

**Office of Community Development & Health**





# Project Version Summary

<b>Project #</b>	HCS-001-07	<b>Service Area</b>	Community Development & Health
<b>Budget Year</b>	2017	<b>Department</b>	Commissioner Housing & Children Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Housing Administration
<b>Title</b>	Social Housing Reserve Fund		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

**Project Description**

[Empty Project Description area]

**Version Description**

Housing Services is requesting a total allocation of \$5.0M Gross (\$3.287 M) Net City in 2021. Based on industry and MMAH originally established capital fund allowances (prior to download) the current reserve fund balance is inadequate. It is expected that the future net capital requirements of the Windsor Essex social housing providers (including CHC) will be in excess of the capital funds currently held by providers. As such the providers will (and have been) approaching the City for assistance. At present it is estimated that total capital reserve fund balances held by Windsor Essex providers are approximately \$14M. It should be noted that of the 39 housing providers, 15% to 20% have little or no capital reserve balances and a large number would not have enough funding should a major capital repair be required. Windsor Essex Community Housing (CHC) has estimated that within their portfolio (approx. 60% of the stock) a large capital deficit exists. CHC currently indicates that, based on the results of Facility Condition Assessments (FCA) currently being undertaken at CHC properties, based on the current level of funding for capital purposes from the City of Windsor, the unfunded capital liability in 2026 (10 years) will be \$110 million.

In addition, WECHC indicates that over 70% of their units are now over 30 years or older. A study undertaken in 2005 on behalf of the Service Manager Housing Network that identified overall projected capital reserve shortfalls in all non-profit projects province-wide. It was estimated that an additional \$600 - \$700 per unit/year should be deposited in provider Capital reserve funds (City of Windsor - \$2.1M/year from 2005) in order that capital needs of these providers be met in the future. At present, Housing Services has received over \$1.5 million (excluding CHC) in unsolicited requests for funding for projects such as roofing, foundation repairs, elevators, major building envelope repairs and accessibility needs.

In March 2015, Housing Services received approval of City Council to withdraw up to \$600,000 from the Social Housing Reserve Fund to deal with similar projects to those outlined above. That request also included funding to CHC to secure consulting services to complete a study on the regeneration and rationalization of the Public Housing stock. The study is nearing completion and a detailed report to City Council will be prepared and brought forward in Q1 - 2017.

In 2016, new funding programs were announced through the Ministry of Housing (MHO) as follows:

- Social Housing Apartment Retrofit Program (SHARP) - \$ 3.134 million – As part of the Province’s Green Investment Fund (GIF) this funding will support retrofits in social housing high-rise apartment building of 150 units or more.
- Social Housing Infrastructure Program (SHIP) - \$6.7 million - This funding is to assist in the repair and retrofit of existing social housing stock to address capital needs, improve energy efficiency and reduce greenhouse gas emissions.

This funding, though welcomed by Housing Services, will assist with the most urgent repairs/retrofits in Windsor/Essex. The needs, as evidenced by the above noted CHC - FCA findings are in excess of this senior government funding. Without an ongoing source of funding for capital projects to repair and maintain aging Windsor / Essex social housing infrastructure, providers will have an increasing difficulty in maintaining this much needed community resource.

Windsor and Essex County Social Housing units devolved to the City represents over 7,900 housing units in the region with an estimated value of \$500 million and yearly operating budgets of \$70 million. These units are a vital and valuable resource to the community. Many of the projects have been a part of this community for many years and are aging and require significant renewal. The Social Housing Reserve Fund was established in 2001 using the one-time transfer of \$2.4 million from MMAH. This fund was established "to cover the risks associated with future increases" in the social housing program. The current available balance of this fund after Council approved commitments is \$1.3M as at June 30, 2016. Prudent business practice would indicate that the service manager has a duty to ensure that funds are available to deal with both expected and unexpected events that arise within the social housing portfolio. In 2010 a total of \$294,000 (\$200,000 City) was transferred to the Social Housing Reserve fund. All requests for years after 2011 have not been recommended for approval and deferred to future years. The County of Essex would share approx. 34% of the cost of maintaining this fund based on the current arbitrated weighted assessment formula.

The Social Housing Reserve fund is required to help mitigate the impact of early life cycle breakdown in the housing stock, the impact of underfunded capital reserves, the impact of potential increases in interest rates, the impact of maturing mortgages and the impact of the legislated funding model. In the event that housing providers require emergency repairs and the provider has insufficient funds for the work, the fund can be accessed. This fund will also be accessed to deal with periodic building reviews, capital reserve fund studies and other capital planning activities and other housing related initiatives in order to ensure the long term viability of the housing stock. Other municipalities of similar size (Region of Waterloo and the City of London) adopted a similar strategy and currently have invested funds for this purpose.

It has previously been noted that there is a need to prepare for regeneration and rationalization of stock. The 2010 HARS report states that there is a "mismatch of supply and demand for Social Housing" in Windsor and Essex County. Demand for one bedroom units as well as larger units exceeds the current supply. There is a need to review this anomaly in an effort to 'rationalize the stock' and attempt to more closely match current and future demand. Other pressures that will require the use of the Social Housing Reserve fund would include the need for energy efficiency upgrades to save on energy costs, necessary elevator upgrades throughout the portfolio and the need to comply with the upcoming AODA built environment requirements.

The City of Windsor is the sole shareholder of Windsor Essex Community Housing Corporation (CHC) which owns and operates 4,708 social housing units in Windsor and Essex County (60% of the service area stock). In late 2015, CHC undertook a regeneration and rationalization study for their stock of 4708 units. The completed report is expected by late 2016 and a report to Council outlining the overall findings will be brought to Council in Q1-2017.

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

The FCA indicate that the average capital needs of CHC is estimated at \$13.6 million per year over the next ten years. CHC currently receives \$ 3.6 million on a yearly basis for capital upgrades to its 4708 units. This represents an average shortfall of \$10 million per year. Based on these estimates, CHC's cumulative 10 year unfunded capital liability is estimated at \$109.6 million.

<b>Project Comments/Reference</b>				<b>Version Comments</b>							
7109003											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5410	Construction Contracts - TCA						
2018	0	0	0		0	0	2,000,000	0	0	45,000,000	47,000,000
2019	2,000,000	1,315,089	684,911		<hr/>						
2020	0	0	0	Total	0	0	2,000,000	0	0	45,000,000	47,000,000
2021	0	0	0	<b>Revenues</b>							
2022+	45,000,000	29,589,504	15,410,496	169	Pay As You Go - Capital Reserve						
	<b>47,000,000</b>	<b>30,904,593</b>	<b>16,095,407</b>		0	0	1,315,089	0	0	29,589,504	30,904,593
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
		<b>Revenue</b>		<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	Unknown	No operating budget impact.			0	0		
2010	294,000	200,000	94,000								
<b>Related Projects</b>											
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2007	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Mike Deimling				Ongoing			



## Project Version Summary

<b>Project #</b>	HCS-001-14	<b>Service Area</b>	Community Development & Health
<b>Budget Year</b>	2017	<b>Department</b>	Commissioner Housing & Children Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Housing Administration
<b>Title</b>	Windsor Essex Community Housing Corporation Placeholder		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<p><b>Project Description</b></p> <p>As per the 2014 Enhanced Capital Plan, Council approved in principle funds from the 2018 Debt Reduction Levy (DRL) for allocation towards the Windsor Essex Community Housing Corporation (WECHC).</p> <p>A detailed report to City Council is being prepared by Housing Services, on behalf of Windsor Essex Community Housing Corporation (WECHC), outlining the proposed use of the funds and requesting the advance of funds over the next three years (2016 to 2018). It is anticipated that an advance of funds will be requested for projects consisting of building envelope repairs (water intrusion issues), elevator improvements (high-rise buildings), deterioration of porches and stoops, roofing replacements, and window and door replacement. Windsor Essex Community Housing Corporation (WECHC) is currently undertaking a building envelope engineering study on a number of their buildings in Leamington, the result of which could affect the work required.</p> <p>Windsor Essex Community Housing Corporation (WECHC) indicates that the advancement of the completion of these projects are warranted as they represent health and safety issues for the residents of the units.</p>	<p><b>Version Description</b></p> <p>As part of the City of Windsor's Operating Budget, Windsor Essex Community Housing Corporation (CHC) currently receives \$2.7 million annually for capital projects and infrastructure upgrades. CHC's Public Housing portfolio is aging and requests to the City over the last number of years for additional funding for capital purposes have not been approved. CHC currently indicates that should approved funding for capital purposes from the City of Windsor remain at the current level, the unfunded capital liability in 2020 (5 years) will be \$40 million and 2025 (10 years) will be \$63 million.</p> <p>Windsor Essex Community Housing Corporation (WECHC) indicates that "due to the poor condition of certain assets, CHC has strategically deferred capital maintenance in these developments. One single family home has been demolished and within the next 24 months other could follow. These and other developments require regeneration which provides potential opportunities for revenue generating initiatives."</p> <p>In March 2015, Housing Services received approval of City Council to withdraw up to \$600,000 from the Social Housing Reserve Fund to provide much needed capital funding to social housing providers in Windsor/Essex. That request also included funding to Windsor Essex Community Housing Corporation (WECHC) to secure consulting services to complete a study on the regeneration and rationalization of the Public Housing stock. Windsor Essex Community Housing Corporation (WECHC) is currently in the process of securing these consulting services with the anticipated receipt of a report by Q1-2016. At that time, based on the results of the consultant's findings, a detailed report to City Council will be prepared and brought forward.</p>																																																																																																		
<p><b>Project Comments/Reference</b></p>	<p><b>Version Comments</b></p>																																																																																																		
<p><b>Project Forecast</b></p> <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>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2018</td> <td>2,234,000</td> <td>1,500,000</td> <td>734,000</td> </tr> <tr> <td>2019</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2020</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2021</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2022+</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td></td> <td><b>2,234,000</b></td> <td><b>1,500,000</b></td> <td><b>734,000</b></td> </tr> </tbody> </table>	Year	Total Expense	Revenue		Net City Cost	Subsidies	2017	0	0	0	2018	2,234,000	1,500,000	734,000	2019	0	0	0	2020	0	0	0	2021	0	0	0	2022+	0	0	0		<b>2,234,000</b>	<b>1,500,000</b>	<b>734,000</b>	<p><b>Project Detailed Forecast</b></p> <table border="1"> <thead> <tr> <th>GL Account</th> <th>2017</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="8"><b>Expenses</b></td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td>0</td> <td>2,234,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>2,234,000</td> </tr> <tr> <td><b>Total</b></td> <td><b>0</b></td> <td><b>2,234,000</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>2,234,000</b></td> </tr> <tr> <td colspan="8"><b>Revenues</b></td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td>0</td> <td>1,500,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1,500,000</td> </tr> <tr> <td>6340 Net County Cost</td> <td>0</td> <td>734,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>734,000</td> </tr> <tr> <td><b>Total</b></td> <td><b>0</b></td> <td><b>2,234,000</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>2,234,000</b></td> </tr> </tbody> </table>	GL Account	2017	2018	2019	2020	2021	2022+	Total	<b>Expenses</b>								5410 Construction Contracts - TCA	0	2,234,000	0	0	0	0	2,234,000	<b>Total</b>	<b>0</b>	<b>2,234,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,234,000</b>	<b>Revenues</b>								169 Pay As You Go - Capital Reserve	0	1,500,000	0	0	0	0	1,500,000	6340 Net County Cost	0	734,000	0	0	0	0	734,000	<b>Total</b>	<b>0</b>	<b>2,234,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,234,000</b>
Year			Total Expense	Revenue																																																																																															
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<p><b>Historical Approved Budget</b></p>																																																																																																			

<b>Related Projects</b>			<b>Operating Budget Impact</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>
2014	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %	Mike Deimling/Debbie Cercone	2018



# Project Version Summary

<b>Project #</b>	HLD-001-11	<b>Service Area</b>	Community Development & Health
<b>Budget Year</b>	2017	<b>Department</b>	Commissioner Huron Lodge
<b>Asset Type</b>	Unassigned	<b>Division</b>	Nursing & Personal Care
<b>Title</b>	Huron Lodge Wireless Technology Implementation		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	Ward 1		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
<p>-To install wireless technology throughout the home and implement wireless equipment that will facilitate entry of health care data into a clinical health record software and enhance business practices and resident continuity of services.</p> <p>-To achieve this, access points would have to be installed throughout each floor to ensure appropriate wireless coverage based on Information Technology's assessment.</p> <p>-Some additional hardware such as wiring and server for security is required.</p> <p>-Purchase of additional module (point of care-POC) from the clinical software to allow for wireless entry.</p> <p>-Purchase of additional clinical software licenses to allow for more users on the system.</p> <p>-Purchase of wireless equipment for point of care (POC) entry.</p>				<p>As part of the agreement for Medical Pharmacies Group to provide pharmacy services at Huron Lodge (CAO#1805), the proponent will give an annual life enhancement fund for the life of the contract (3 years with the option to extend for an additional 2 years) to be used for a program of Huron Lodge's choice.</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 technology throughout the home.</p> <p>Funding from Medical Pharmacies Group is as follows:</p> <p>Contract Life 2012-2014 \$240,000          Contract Extension 2015-2016 \$160,000          Total \$400,000</p> <p>This budget is a preliminary estimate based on available information and may change once actual quotes are requested.</p>											
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
7135002															
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		<b>Revenue</b>													
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>				
2017	0	0	0	5125 Computers - PCs											
2018	0	0	0		0	0	78,000	0	0	0	78,000				
2019	78,000	78,000	0	Total	0	0	78,000	0	0	0	78,000				
2020	0	0	0	<b>Revenues</b>											
2021	0	0	0	169 Pay As You Go - Capital Reserve											
2022+	0	0	0		0	0	78,000	0	0	0	78,000				
	<b>78,000</b>	<b>78,000</b>	<b>0</b>	Total	0	0	78,000	0	0	0	78,000				
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>											
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>			<b>FTE Impact</b>				
				2018-01-01	Additional budget dollars will be required for the annual software maintenance fee and annual IT department WIFI fee. CAO Report 3660.			21,701			0				
				2019-01-01	Staff Training (One Time)			16,800			0				
				2019-01-01	Equipment Maintenance (Annual)			3,000			0				
				2019-01-01	Additional Licensing Fees (Annual)			2,200			0				
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>							

2011	January 1, 2017	Growth: 0.0 % Maintenance: 0.0 %	Susan Rogers	2019
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# Project Version Summary

<b>Project #</b>	HLD-001-12	<b>Service Area</b>	Community Development & Health
<b>Budget Year</b>	2017	<b>Department</b>	Commissioner Huron Lodge
<b>Asset Type</b>	Unassigned	<b>Division</b>	Nursing & Personal Care
<b>Title</b>	Huron Lodge Nursing Equipment Replacement Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 1		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>									
To provide a capital project for replacement of nursing equipment from a risk management prospective to address the safety and security of residents, staff and visitors and ensure all nursing equipment meets manufacturer requirements as outlined in the Long Term Care Homes Act (2007).				1) Establishment of a Floor Lift replacement program - \$222,000 (10years - life expectancy) 2) Establishment of an Alenti/Miranti bath/Tornado/shower chair replacement program -\$420,500 (10years - expectancy) 3) Establishment of a shower tub replacement program - \$210,000 (15 years - life expectancy)									
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.													
<b>Project Comments/Reference</b>				<b>Version Comments</b>									
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>									
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>		
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>									
2017	0	0	0	5110	Machinery & Equipment - TCA								
2018	0	0	0		0	0	150,000	150,000	150,000	777,500	1,227,500		
2019	150,000	150,000	0										
2020	150,000	150,000	0										
2021	150,000	150,000	0										
2022+	777,500	777,500	0										
	<b>1,227,500</b>	<b>1,227,500</b>	<b>0</b>										
<b>Historical Approved Budget</b>				<b>Revenues</b>									
				169	Pay As You Go - Capital Reserve								
					0	0	150,000	150,000	150,000	777,500	1,227,500		
					0	0	150,000	150,000	150,000	777,500	1,227,500		
<b>Related Projects</b>				<b>Operating Budget Impact</b>									
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				2019-01-01	Preventative Maintenance					0	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>					
2012	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Susan Rogers				On-Going					





## Project Version Summary

<b>Project #</b>	HLD-001-15	<b>Service Area</b>	Community Development & Health
<b>Budget Year</b>	2017	<b>Department</b>	Commissioner Huron Lodge
<b>Asset Type</b>	Unassigned	<b>Division</b>	Nursing & Personal Care
<b>Title</b>	Huron Lodge Ceiling Mounted Resident Lift Replacement Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 1		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
To provide a capital program for the replacement of ceiling lifts, from a risk management prospective, to address the safety and security of residents and ensure all nursing equipment meets the manufacturer requirements as outlined in the Long Term Care Homes Act (2007).				This project is for the replacement of the 199 ceiling lifts within Huron Lodge. This is a phased in project to accommodate approximately 5 lifts in the first year and 20 lifts every year thereafter. The cost to replace ceiling lifts include the track, motor, battery, slings, and labour.							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5110 Machinery & Equipment - TCA							
2018	0	0	0		0	0	115,000	200,000	200,000	1,485,000	2,000,000
2019	115,000	115,000	0	Total	0	0	115,000	200,000	200,000	1,485,000	2,000,000
2020	200,000	200,000	0	<b>Revenues</b>							
2021	200,000	200,000	0	169 Pay As You Go - Capital Reserve							
2022+	1,485,000	1,485,000	0		0	0	115,000	200,000	200,000	1,485,000	2,000,000
	<b>2,000,000</b>	<b>2,000,000</b>	<b>0</b>	Total	0	0	115,000	200,000	200,000	1,485,000	2,000,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	No Operating Budget Impact				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>							
2015	January 1, 2016	Growth: 0.0 % Maintenance: 0.0 %	Susan Rogers	On-Going							



# Project Version Summary

<b>Project #</b>	HLD-002-15	<b>Service Area</b>	Community Development & Health
<b>Budget Year</b>	2017	<b>Department</b>	Commissioner Huron Lodge
<b>Asset Type</b>	Unassigned	<b>Division</b>	Nursing & Personal Care
<b>Title</b>	Huron Lodge Resident Monitoring & Nurse Bedside Call System		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	Ward 1		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>														
To replace equipment for the resident security and access throughout the home as well as the bedside nurse call system, from a risk management prospective, to address the safety and security of residents.				Due to technology changes, upgrades and infection control concerns, planning for complete replacement of the resident access and nurse bedside call system is projected based on historical data and manufacturer's recommendation on useful life. This would include the current WanderGuard system, bedside nurse call buttons and paging system. 2019-Software and Hardware updates 2021-Software and Hardware updates Updates allow for fundamental communication components in responding to resident needs. 2022-Replacement communication system required due to technological advances. This budget is based on 2016 costs and may change by 2022.														
<b>Project Comments/Reference</b>				<b>Version Comments</b>														
7163001				2016-A new spectralink system was purchased/implemented due to an emergency and funding was borrowed from the wireless technology project. 2018-Move \$100,000 to wireless technology project 7135002 HLD-001-11														
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>														
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>							
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>														
2017	0	0	0	5110	Machinery & Equipment - TCA													
2018	100,000	100,000	0		0	100,000	25,000	0	20,000	150,000	295,000							
2019	25,000	25,000	0		Total							0	100,000	25,000	0	20,000	150,000	295,000
2020	0	0	0	<b>Revenues</b>														
2021	20,000	20,000	0	169	Pay As You Go - Capital Reserve													
2022+	150,000	150,000	0		0	100,000	25,000	0	20,000	150,000	295,000							
	<b>295,000</b>	<b>295,000</b>	<b>0</b>		Total							0	100,000	25,000	0	20,000	150,000	295,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>														
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>							
				Unknown	No Operating Budget Impact					0	0							
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>										
2015	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Susan Rogers				2020+										



# Project Version Summary

<b>Project #</b>	HLD-001-17	<b>Service Area</b>	Community Development & Health
<b>Budget Year</b>	2017	<b>Department</b>	Commissioner Huron Lodge
<b>Asset Type</b>	Unassigned	<b>Division</b>	Nutrition & Dietary Services
<b>Title</b>	Huron Lodge Dietary Servery Updates and Equipment Replacement		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 1		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<p>Huron Lodge has 7 servery and dining rooms within the building which was built in 2007. Each servery and dining room is located within each resident home area in which 32 residents live. The servery is where the staff members do small food preparation work and food is kept warm or cold. Staff pick up the meals from the servery to deliver to the dining room.</p> <p>Each servery includes the following equipment: 1 reach-in fridge, industrial microwave, steam table, cold food table, rotary toaster and small toaster. Each servery has a pantry, cupboards and counter top. The replacement of fridges is part of HLD-004-15.</p> <p>It is estimated at this time that each servery including its equipment will require updating in the next 5 years. Wear and tear is already prevalent with the countertops chipping and are susceptible to mold.</p> <p>One servery shall be updated per year and be completed at the cost of \$35,000 commencing in 2021.</p> <p>The following equipment/updates are required to be replaced when the servery is updated. Microwave \$500, steam table \$12,000, cold table \$2,000, rotary toasters \$1,000, multiple use oven \$9,000 and stainless steel countertop installation.</p>				<p>One servery shall be updated per year be completed at the cost of \$35,000 commencing in 2021. The following equipment/updates are required to be replaced when the servery is updated. Microwave \$500, steam table \$12,000, cold table \$2,000, rotary toasters \$1,000, multiple use oven \$9,000, stainless steel countertop installation.</p>							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5111 Machinery & Equipment -Non TCA	0	0	0	0	35,000	210,000	245,000
2018	0	0	0	Total	0	0	0	0	35,000	210,000	245,000
2019	0	0	0	<b>Revenues</b>							
2020	0	0	0	169 Pay As You Go - Capital Reserve	0	0	0	0	35,000	210,000	245,000
2021	35,000	35,000	0	Total	0	0	0	0	35,000	210,000	245,000
2022+	210,000	210,000	0								
	<b>245,000</b>	<b>245,000</b>	<b>0</b>								
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	No Operating Budget Impact				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			

2017	January 1, 2021	Growth: 0.0 % Maintenance: 0.0 %	Cathy Harris	2022+
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# Project Version Summary

<b>Project #</b>	HLD-003-15	<b>Service Area</b>	Community Development & Health
<b>Budget Year</b>	2017	<b>Department</b>	Commissioner Huron Lodge
<b>Asset Type</b>	Unassigned	<b>Division</b>	Nutrition & Dietary Services
<b>Title</b>	Huron Lodge Dish Machines and Industrial Kitchen Equipment Replacement		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 1		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
To establish a capital project to replace the dish machines and other industrial equipment within the kitchen at Huron Lodge that addresses risk management, quality assurance, and resident care requirements. This equipment is used as part of Huron Lodge's infection control procedures offering industrial quality sanitation and cleaning practices.				To establish a project for the replacement of the dish machines in the kitchen at Huron Lodge. This equipment has a life span of 8 - 10 years and by 2018 will need to be replaced as the cost of repairs on old equipment is too costly. Also included in this project is the replacement of other industrial equipment such as hot carts.  2021-The rooftop make-up air unit will also need to be replaced. The estimated cost for this unit is \$110,000.							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5111 Machinery & Equipment -Non TCA							
2018	80,000	80,000	0		0	80,000	95,000	0	110,000	0	285,000
2019	95,000	95,000	0	<b>Total</b>	0	80,000	95,000	0	110,000	0	285,000
2020	0	0	0	<b>Revenues</b>							
2021	110,000	110,000	0	169 Pay As You Go - Capital Reserve							
2022+	0	0	0		0	80,000	95,000	0	110,000	0	285,000
	<b>285,000</b>	<b>285,000</b>	<b>0</b>	<b>Total</b>	0	80,000	95,000	0	110,000	0	285,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	No Operating Budget Impact				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2015	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %		Cathy Harris				2021+			



# Project Version Summary

<b>Project #</b>	HLD-004-15	<b>Service Area</b>	Community Development & Health
<b>Budget Year</b>	2017	<b>Department</b>	Commissioner Huron Lodge
<b>Asset Type</b>	Unassigned	<b>Division</b>	Nutrition & Dietary Services
<b>Title</b>	Huron Lodge Refrigeration and Freezer Equipment Replacement		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 1		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>													
To establish a capital project for the replacement of the refrigeration and freezer equipment throughout the RHA servery, pantry, and main kitchen at Huron Lodge.				This equipment has a life expectancy of 8 to 10 years and by 2018 this equipment will need to be replaced as the cost of repairs will be too costly. Items requiring major repairs or replacing include 3 fridge walk-ins, 2 freezer walk-ins, and several fridges and freezers for the dietary (16 units) and nursing areas (16 units) . Some units will be purchased new and others can be repaired through the purchase of compressors and motors. 2022-establish replacement program for fridge/freezers and purchase software system for monitoring temperature for food and medications as required per the ministry of health and long term care standards.													
<b>Project Comments/Reference</b>				<b>Version Comments</b>													
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>													
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>						
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>													
2017	0	0	0	5111	Machinery & Equipment -Non TCA												
2018	80,000	80,000	0		0	80,000	0	0	0	175,000	255,000						
2019	0	0	0		Total							0	80,000	0	0	175,000	255,000
2020	0	0	0	<b>Revenues</b>													
2021	0	0	0	169	Pay As You Go - Capital Reserve												
2022+	175,000	175,000	0		0	80,000	0	0	0	175,000	255,000						
	<b>255,000</b>	<b>255,000</b>	<b>0</b>		Total							0	80,000	0	0	175,000	255,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>													
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>						
				Unknown	No Operating Budget Impact					0	0						
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>									
2015	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %		Cathy Harris				2022									



## Project Version Summary

<b>Project #</b>	HLD-006-15	<b>Service Area</b>	Community Development & Health
<b>Budget Year</b>	2017	<b>Department</b>	Commissioner Huron Lodge
<b>Asset Type</b>	Unassigned	<b>Division</b>	Nutrition & Dietary Services
<b>Title</b>	Huron Lodge Dietary Management System Upgrades		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	Ward 1		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>		<b>Version Description</b>	
<p>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.</p>		<p>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 on 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.</p> <p>Improved production efficiencies 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.</p> <p>2019- 7 screens and keyboards for each dietary server, purchase new software to allow for point of care for dietary needs, possible wiring WIFI connection updates</p> <p>2022- integration with clinical software and point of care tablets</p> <p>2023- integration with current dietary software and menu integration, hardware such as computer terminal in the kitchen, monitors in the dining rooms, software updates as required.</p>	
<b>Project Comments/Reference</b>		<b>Version Comments</b>	
<b>Project Forecast</b>		<b>Project Detailed Forecast</b>	
		<b>GL Account</b>	<b>2017</b>
		<b>2018</b>	<b>2019</b>
		<b>2020</b>	<b>2021</b>
		<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>	
		<b>Net City Cost</b>	<b>Subsidies</b>
2017	0	0	0
2018	0	0	0
2019	65,000	65,000	0
2020	0	0	0
2021	0	0	0
2022+	180,000	180,000	0
	<b>245,000</b>	<b>245,000</b>	<b>0</b>
<b>Historical Approved Budget</b>		<b>Operating Budget Impact</b>	
<b>Related Projects</b>		<b>Effective Date</b>	<b>Description</b>
		<b>Exp/(Rev)</b>	<b>FTE Impact</b>
		Unknown	No Operating Budget Impact
		0	0
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>
			<b>Est. Completion Date</b>

2015	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Cathy Harris	2022+
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## Project Version Summary

<b>Project #</b>	HLD-001-13	<b>Service Area</b>	Community Development & Health
<b>Budget Year</b>	2017	<b>Department</b>	Commissioner Huron Lodge
<b>Asset Type</b>	Unassigned	<b>Division</b>	Program Services
<b>Title</b>	Huron Lodge Beds/Mattresses/Furniture Replacement Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 1		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
Heavy usage by residents and constant environmental disinfection practices results in irreparable damages to the resident furniture. A capital replacement program averaging every 7 - 10 years is recommended to provide for furniture replacement.				A replacement program for the beds and mattresses along with mandatory utilitarian furniture require replacement due to age (10+ years) and wear and breakdown from cleaning chemicals.							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5130 Furniture & Furnishings							
2018	0	0	0		0	0	250,000	100,000	100,000	1,300,000	1,750,000
2019	250,000	250,000	0	Total	0	0	250,000	100,000	100,000	1,300,000	1,750,000
2020	100,000	100,000	0	<b>Revenues</b>							
2021	100,000	100,000	0	169 Pay As You Go - Capital Reserve							
2022+	1,300,000	1,300,000	0		0	0	250,000	100,000	100,000	1,300,000	1,750,000
	<b>1,750,000</b>	<b>1,750,000</b>	<b>0</b>	Total	0	0	250,000	100,000	100,000	1,300,000	1,750,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	No Operating Budget Impact				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2013	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Mary Bateman				On-Going			



# Project Version Summary

<b>Project #</b>	HLD-002-12	<b>Service Area</b>	Community Development & Health
<b>Budget Year</b>	2017	<b>Department</b>	Commissioner Huron Lodge
<b>Asset Type</b>	Unassigned	<b>Division</b>	Program Services
<b>Title</b>	Huron Lodge Cooking and Food Preparation Equipment Replacement Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 1		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>								
To ensure there is an efficient capital fund for the Dietary Services division of Huron Lodge that addresses risk management, quality assurance, and resident care as it relates to legislated food services.				Establishment of a replacement program over the next 5 years to purchase, upgrade, and or replace Dietary equipment for food storage & preparation equipment which must comply with the Ministry of Health and Long Term Care Act and Regulations as well as other legislated food service standards to ensure quality of food service to residents to maximize nutritional needs. Equipment such as ovens, steamers, food preparation equipment, heating, food waste disposals and steam tables, have a life span of 8 – 10 years. The current cost to replace an industrial oven is \$35,000 - \$40,000 with an expected life of 8 - 10 years. All equipment is currently 10 years old and replacement is imminent. Continuous repair costs may eventually exceed the cost of full replacement.								
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<b>Expenses</b>								
2017	0	0	0	5111	Machinery & Equipment -Non TCA							
2018	40,000	40,000	0		0	40,000	40,000	0	40,000	80,000	200,000	
2019	40,000	40,000	0		Total							
2020	0	0	0		0	40,000	40,000	0	40,000	80,000	200,000	
2021	40,000	40,000	0	<b>Revenues</b>								
2022+	80,000	80,000	0	160	Capital Expenditure Reserve							
	<b>200,000</b>	<b>200,000</b>	<b>0</b>		0	40,000	0	0	0	0	40,000	
				169	Pay As You Go - Capital Reserve							
					0	0	40,000	0	40,000	80,000	160,000	
					Total							
					0	40,000	40,000	0	40,000	80,000	200,000	
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>								
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>					
				Unknown	No Operating Budget Impact	0	0					
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>				
2012	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %		Cathy Harris				On-going				



## Project Version Summary

<b>Project #</b>	HLD-002-17	<b>Service Area</b>	Community Development & Health
<b>Budget Year</b>	2017	<b>Department</b>	Commissioner Huron Lodge
<b>Asset Type</b>	Unassigned	<b>Division</b>	Resident Services
<b>Title</b>	Huron Lodge Resident Services Equipment Replacement		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	Ward 1		
<b>Version Name</b>	Main (Active)		

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

Project Forecast				Project Detailed Forecast							
Year	Total Expense	Revenue		GL Account	2017	2018	2019	2020	2021	2022+	Total
		Net City Cost	Subsidies								
2017	0	0	0	<b>Expenses</b>							
2018	0	0	0	5111	Machinery & Equipment -Non TCA						
2019	0	0	0		0	0	0	0	124,500	0	124,500
2020	0	0	0	Total	0	0	0	0	124,500	0	124,500
2021	124,500	124,500	0	<b>Revenues</b>							
2022+	0	0	0	169	Pay As You Go - Capital Reserve						
					0	0	0	0	124,500	0	124,500
	<b>124,500</b>	<b>124,500</b>	<b>0</b>	Total	0	0	0	0	124,500	0	124,500
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>
				Unknown	No Operating Budget Impact					0	0
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017	January 1, 2021	Growth: 0.0 % Maintenance: 0.0 %		Amanda Caslick				2022			



# Project Version Summary

<b>Project #</b>	REC-001-17	<b>Service Area</b>	Community Development & Health
<b>Budget Year</b>	2017	<b>Department</b>	Commissioner Recreation & Culture
<b>Asset Type</b>		<b>Division</b>	Admin - Parks & Recreation
<b>Title</b>	WFCU Centre Upgrades		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>			
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
To complete upgrades to the WFCU Centre to accommodate the requirements of the 2017 MasterCard Memorial Cup and assist in attracting future bids to Windsor.				Media Platform above Suite Level - \$250,000 Hardware Internet and Electrical - \$25,000 New Rink boards and Glass - \$220,000 New Rubber Flooring - \$20,000 Construct Additional Dressing Room with Showers - \$165,000 Paint WFCU Centre - \$75,000 Parking Flow Improvements - \$60,000 Miscellaneous/Contingency Funds - \$175,000							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
				Note that there is \$291,559 available from the unallocated enhanced capital budget contingency placeholder that is being committed to this project for funding as well (Oct. 3rd, 2016, C 171/2016).							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5410	Construction Contracts - TCA						
2018	0	0	0		0	0	0	0	698,441	0	698,441
2019	0	0	0								
2020	0	0	0								
2021	698,441	698,441	0								
2022+	0	0	0								
	<b>698,441</b>	<b>698,441</b>	<b>0</b>								
<b>Historical Approved Budget</b>				<b>Revenues</b>							
				169 Pay As You Go - Capital Reserve							
					0	0	0	0	698,441	0	698,441
					0	0	0	0	698,441	0	698,441
<b>Related Projects</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	No Operating Budget Impact			0	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017	December 1, 2016	Growth: 0.0 % Maintenance: 0.0 %		Ray Mensour				May 1, 2017			



## Project Version Summary

<b>Project #</b>	REC-002-14	<b>Service Area</b>	Community Development & Health
<b>Budget Year</b>	2017	<b>Department</b>	Commissioner Recreation & Culture
<b>Asset Type</b>	Unassigned	<b>Division</b>	Community Centres & Programming
<b>Title</b>	Relocation of Sandpoint Beach		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 7		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>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".</p> <p>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.</p> <p>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.</p>	<p>This option includes a redevelopment of the property and has the highest capital budget impact. Administration has completed a preliminary capital cost estimate. The estimate provides detail on various components for the project including shoreline improvements, infrastructure requirements, landscape requirements and other amenities. Consulting with the regulatory bodies for further detailed estimates will be required. This project could be phased. It is estimated that a minimum of \$1.2 million would be required. This includes the shoreline improvements, a portion of the Landscaping/Site Furnishings component and the walkways component. Any work identified through engineering consultants would be in addition to this estimate. Administration recognizes that funds are not available for a project of this magnitude at this time, however, this project could be considered for a future project should grants become available from senior levels of government. Traditionally, shoreline protection has been cost shared with senior levels of government. The operating budget impact incorporates the reinstatement of the costs for the lifeguarding component of the operation. Depending on additional amenities desired for this space (i.e. sand volleyball courts, accessible playground, splash pad) additional operating budget requirements would be identified.</p>
Project Comments/Reference	Version Comments

Project Forecast				Project Detailed Forecast							
Year	Total Expense	Revenue		GL Account	2017	2018	2019	2020	2021	2022+	Total
		Net City Cost	Subsidies								
2017	0	0	0	5410							
2018	0	0	0	Construction Contracts - TCA							
2019	0	0	0		0	0	0	0	0	5,000,000	5,000,000
2020	0	0	0	Total	0	0	0	0	0	5,000,000	5,000,000
2021	0	0	0	<b>Revenues</b>							
2022+	5,000,000	5,000,000	0	169							
	<b>5,000,000</b>	<b>5,000,000</b>	<b>0</b>	Pay As You Go - Capital Reserve							
				Total	0	0	0	0	0	5,000,000	5,000,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>
				Unknown	Should the reconfiguration of Sandpoint Beach result in the same size and basic design as the existing beach, there would be no impact to the operating budget. However, if the reconfiguration results in an expanded size, and if the amenities attract additional attendance, there is a potential for the requirement to increase the number of lifeguards up to an additional 3 part time guards. This would result in an additional cost in wages of approximately \$23,300.					0	0
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2014	September 1, 2022	Growth: 0.0 % Maintenance: 0.0 %		Jan Wilson				2022+			



# Project Version Summary

<b>Project #</b>	REC-003-07	<b>Service Area</b>	Community Development & Health
<b>Budget Year</b>	2017	<b>Department</b>	Commissioner Recreation & Culture
<b>Asset Type</b>	Unassigned	<b>Division</b>	Community Centres & Programming
<b>Title</b>	Municipal Pools Refurbishment Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
Upgrades/refurbishments to municipal pools are required to ensure that they remain functional and do not pose a hazard. With only 1.42 indoor pool tanks per 100,000 population, the City of Windsor is below the OMBI calculated median of 2.12, which means that the infrastructure we do have must be maintained in order to ensure continued high customer service standards. Prioritizing pool improvements to ensure they remain functional is the objective of this capital request. The possibility of procuring external subsidies with various levels of government bodies will be explored.				Recreation and Culture's pool infrastructure must be maintained in order to ensure continued high customer service standards. Prioritizing pool improvements to ensure they remain functional is the objective of this capital request.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7069034 See Document Attached																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>														
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>					
2017	100,000	100,000	0	<b>Expenses</b>												
2018	0	0	0	5410	Construction Contracts - TCA											
2019	400,000	400,000	0		100,000	0	400,000	150,000	100,000	8,573,000	9,323,000					
2020	150,000	150,000	0		Total	100,000	0	400,000	150,000	100,000	8,573,000	9,323,000				
2021	100,000	100,000	0	<b>Revenues</b>												
2022+	8,573,000	8,573,000	0	125	Dev Chg - Indoor Recreation											
	<b>9,323,000</b>	<b>9,323,000</b>	<b>0</b>		0	0	90,000	90,000	90,000	6,392,700	6,662,700					
				169	Pay As You Go - Capital Reserve											
					100,000	0	310,000	60,000	10,000	2,180,300	2,660,300					
					Total	100,000	0	400,000	150,000	100,000	8,573,000	9,323,000				
<b>Historical Approved Budget</b>																
		<b>Revenue</b>														
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
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													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
<b>Follows</b>		<b>Project Title</b>		<b>Effective Date</b>		<b>Description</b>		<b>Exp/(Rev)</b>		<b>FTE Impact</b>						
REC-005-16		Gino & Liz Marcus Community Centre Family Change Room		Unknown		No Operating Budget Impact		0		0						
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>								
2007	January 2, 2017	Growth: 0.0 % Maintenance: 100.0 %		Jan Wilson				Ongoing								



Project #: REC-003-07

Project Name: Refurbishment of Municipal Pools

2017		
<b>Lanspeary Outdoor Pool</b>		
Diving board replacement	5,000	
Rebuild pool - planning	95,000	<b>100,000</b>
<b>Total</b>		<b>100,000</b>
2019		
<b>All Outdoor Pools</b>		
New consistent signage	30,000	<b>30,000</b>
<b>Sandpoint Beach</b>		
Guard stations x 3	15,000	
Lifeguard station re-build	100,000	
Paddle boards	5,000	<b>120,000</b>
<b>Remington Booster Outdoor Pool</b>		
Repairs to slide tower access	25,000	
Pumps replaced	45,000	
Diving board and stand replaced	15,000	<b>85,000</b>
<b>Gino and Liz Marcus Indoor Pool</b>		
Replace tables	2,000	
Replace aging banquet chairs	5,000	
Replace Chemtrol system	8,000	
Repaint entire facility including North	25,000	
Update fitness room equipment	20,000	
Gym lighting update	40,000	
Landscape Upgrades	10,000	
Building Outdoor Lighting Upgrades	15,000	
Cleaning and interior painting of existing roof structure over pool	25,000	
Pool heater upgrades	15,000	<b>165,000</b>
<b>Total</b>		<b>400,000</b>

Project #: REC-003-07

Project Name: Refurbishment of Municipal Pools

2020		
<b>Outdoor Pools - General</b>		
Preventative maintenance with pumps and basins	60,000	
Play Equipment	50,000	<b>110,000</b>
<b>Family Aquatic Centre</b>		
Lane rope replacement	10,000	
WIBIT play (pool) equipment	30,000	<b>40,000</b>
<b>Total</b>		<b>150,000</b>
2021		
<b>Outdoor Pools</b>		
Preventative maintenance with pumps and basins	50,000	
Spine board replacement	12,000	
Lifeguard chair replacement	18,000	
Replace chlorinator pumps	20,000	<b>100,000</b>
<b>Total</b>		<b>100,000</b>
2022		
<b>Booster</b>		
Waterslide replacement	250,000	
Renovate washrooms	50,000	<b>300,000</b>
<b>Central</b>		
Features refurb	10,000	
Rebuild of pool tank	1,000,000	
Water Slide	255,000	
Conversion of wading pool to spray pad	100,000	<b>1,365,000</b>
<b>Riverside Centennial</b>		
Waterslide addition	350,000	
Features refurb	35,000	
Surfacing preventive maintenance	40,000	<b>425,000</b>

**Project #: REC-003-07**

**Project Name: Refurbishment of Municipal Pools**

<b>2022 Continued</b>		
<b>Lanspeary</b>		
Rebuild of pool tank	1,000,000	
Filters and pumps replacement	80,000	
Aquatic rock climbing wall	10,000	
Diving board and stand replaced	15,000	
Equipment	10,000	
		<b>1,115,000</b>
<b>Atkinson</b>		
Rebuild of pool tank	800,000	
Water slide (SPRAY PAD)	200,000	
		<b>1,000,000</b>
<b>Mic Mac</b>		
Rebuild of pool tank	1,000,000	
Pools pumps replaced	30,000	
		<b>1,030,000</b>
<b>Outdoor Pools</b>		
Acid wash all tile floors	30,000	
Preventative pump maintenance	60,000	
Chemtrol replacement	48,000	
		<b>138,000</b>
<b>Family Aquatic Centre</b>		
New water slide Adventure Bay	1,000,000	
FlowRider tarp replacement	10,000	
FlowRider pump replacement	60,000	
Programming equipment	25,000	
Timing system (touch pad) replacement	100,000	
Replace chemical stenor pumps	40,000	
Pool pumps to switch out for service	60,000	
Miscellaneous repairs	30,000	
Replace inner tubes, mats and rafts	65,000	
Lane rope replacement	20,000	
Lane rope replacement	10,000	
Pool pumps serviced	60,000	
		<b>1,480,000</b>

**Project #: REC-003-07**

**Project Name: Refurbishment of Municipal Pools**

<b>2022 Continued</b>		
<b>Adie Knox Herman Pool</b>		
Dectron	300,000	
Dehumidifier	120,000	
Mezzanine upgrades	120,000	
Hot/cold water balancing	30,000	
Pool drain and tiles	900,000	<b>1,470,000</b>
	<hr/>	
<b>Gino A. Marcus Pool</b>		
Dectron replacement	250,000	<b>250,000</b>
	<hr/>	
<b>Total</b>		<b>8,573,000</b>



# Project Version Summary

<b>Project #</b>	REC-004-07	<b>Service Area</b>	Community Development & Health
<b>Budget Year</b>	2017	<b>Department</b>	Commissioner Recreation & Culture
<b>Asset Type</b>	Unassigned	<b>Division</b>	Community Centres & Programming
<b>Title</b>	Recreation Facility Refurbishment Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
Ongoing upgrades to facilities and services available in municipal recreation areas. A recent review indicates that the median age of our community centres is approximately 37 years, with 63.64% of all of our community centres being 25+ years old.																
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7069035 See Document Attached				Per 2016 Approved Capital Budget B24-2015 & CR160/2015, \$43,000 of 2017 budget has been pre-committed to project 7159012 - Windsor Public Library-Optimist Library.												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>														
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>					
2017	50,000	50,000	0	<b>Expenses</b>												
2018	0	0	0	5410	Construction Contracts - TCA											
2019	50,000	50,000	0		50,000	0	50,000	50,000	50,000	859,500	1,059,500					
2020	50,000	50,000	0		Total											
2021	50,000	50,000	0		50,000	0	50,000	50,000	50,000	859,500	1,059,500					
2022+	859,500	859,500	0	<b>Revenues</b>												
	<b>1,059,500</b>	<b>1,059,500</b>	<b>0</b>	125	Dev Chg - Indoor Recreation											
					5,000	0	5,000	5,000	5,000	85,950	105,950					
				169	Pay As You Go - Capital Reserve											
					45,000	0	45,000	45,000	45,000	773,550	953,550					
					Total											
					50,000	0	50,000	50,000	50,000	859,500	1,059,500					
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>												
		<b>Revenue</b>														
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>Effective Date</u>	<u>Description</u>					<u>Exp/(Rev)</u>	<u>FTE Impact</u>					
2007	80,000	80,000	0	Unknown	No Operating budget Impact					0	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													
<b>Related Projects</b>																
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>								
2007	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %		Jan Wilson				Ongoing								

Project #: REC-004-07

Project Name: Recreation Facility Refurbishments

2017					
<b>Optimist</b>				<b>Forest Glade</b>	
Replace floor tile in ABC room	14,000		Paint centre	7,000	7,000
Folding room divider doors in ABC room	16,000				
Replace tile on stage	13,000	43,000	<b>Total</b>		<b>50,000</b>
2019					
<b>Forest Glade Community Centre</b>					
Bathroom Renovation	30,000		Equipment Replacement (Tables, Chairs, Etc)	20,000	
			<b>Total</b>		<b>50,000</b>
2020					
<b>All Community Centres</b>					
Various upgrades to equipment and facilities	50,000		<b>Total</b>		<b>50,000</b>
2021					
<b>Forest Glade Community Centre</b>				<b>Adie Knox Herman</b>	
Gymnastic equipment and storage for equipment	17,000		John Richardson Library - Plumbing, electrical and structural repairs	103,000	
Update audiovisual equipment	10,000		Ceiling tiles	10,000	
Window replacement	40,000		Glass wall	15,000	
N room floor replacement	8,500		Tile the men's/women's change rooms	19,000	
Trampoline	12,000		New benches	6,000	
Painting	27,000		Outdoor security cameras	25,000	
Ceiling Tile Replacement (A, BC, D, N & Lobby)	35,000	149,500	Painting of centre portion	10,000	
			Tiling hallways with ceramic tile	18,000	
			Tiling for east wing	8,000	
			Community Centre equipment and storage	25,000	239,000
<b>Malden Park Visitor Centre</b>					
Table and Chair Replacement	7,500		<b>John Atkinson Memorial Centre</b>		
Painting	10,000		Replace HVAC units	85,000	
Replacement of Blinds	10,000		Replacement of windows (original from 1961)	50,000	
Bathroom renovations	25,000		Add seating and shade to splash pad	10,000	145,000
Landscaping Improvements	30,000	82,500			
			<b>All Community Centres</b>		
			Various upgrades to equipment and facilities	243,500	243,500
			<b>Total</b>		<b>859,500</b>



# Project Version Summary

<b>Project #</b>	REC-003-16	<b>Service Area</b>	Community Development & Health
<b>Budget Year</b>	2017	<b>Department</b>	Commissioner Recreation & Culture
<b>Asset Type</b>	Unassigned	<b>Division</b>	Cultural Affairs
<b>Title</b>	Windsor (125th) & Canada (150th) Birthday Celebrations		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
Recreation and Culture put forth a request for \$85,000 (B26-2015) for a pre-commitment to the 2017 Capital Budget for the celebration of Windsor's 125th Birthday and Canada's 150th Birthday.																
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7164002				B26-2015 approved \$85,000 as a pre-commitment to the 2017 Capital Budget.												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>														
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>					
2017	85,000	85,000	0	2950 Other Prof Services-External												
2018	0	0	0	85,000	0	0	0	0	0	0	85,000					
2019	0	0	0	Total	85,000	0	0	0	0	0	85,000					
2020	0	0	0	<b>Revenues</b>												
2021	0	0	0	169 Pay As You Go - Capital Reserve												
2022+	0	0	0	85,000	0	0	0	0	0	0	85,000					
	<b>85,000</b>	<b>85,000</b>	<b>0</b>	Total	85,000	0	0	0	0	0	85,000					
<b>Historical Approved Budget</b>																
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2016	40,000	40,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>						
				Unknown	No Operating Budget Impact				0	0						
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>								
2016	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %		Cathy Masterson				Dec 31, 2017								



# Project Version Summary

<b>Project #</b>	HCP-011-07	<b>Service Area</b>	Community Development & Health
<b>Budget Year</b>	2017	<b>Department</b>	Commissioner Recreation & Culture
<b>Asset Type</b>	Unassigned	<b>Division</b>	Recreation Facilities
<b>Title</b>	Willistead Complex Restoration Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 4		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>								
<p>The Willistead Board of Directors Restoration Committee has identified a number of capital improvements designed to enhance the overall appearance of the facility as well as maintain its heritage and architectural integrity.</p> <p>The Board of Directors along with the Restoration Committee will review annually a priority list of capital improvements related to heritage and architectural integrity of the Willistead Complex.</p>				Improvements related to heritage and architectural integrity within the Willistead Complex.								
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
7075065												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>								
2017	0	0	0	5411	Construction Contracts-Non TCA							
2018	0	0	0		0	0	0	100,000	0	0	100,000	
2019	0	0	0		<hr/>							
2020	100,000	100,000	0		Total	0	0	0	100,000	0	0	100,000
2021	0	0	0	<b>Revenues</b>								
2022+	0	0	0	135	Willistead Improvements							
	<b>100,000</b>	<b>100,000</b>	<b>0</b>		0	0	0	100,000	0	0	100,000	
					<hr/>							
					Total	0	0	0	100,000	0	0	100,000
<b>Historical Approved Budget</b>												
		<b>Revenue</b>										
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>									
2007	55,000	55,000	0									
2008	50,000	50,000	0									
2010	50,000	50,000	0									
2011	25,000	25,000	0									
2012	25,000	25,000	0									
2013	25,000	25,000	0									
2014	25,000	25,000	0									
<b>Related Projects</b>				<b>Operating Budget Impact</b>								
				<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>					
				Unknown	No Operating Budget Impact	0	0					
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>								



2007	January 1, 2020	Growth: 0.0 % Maintenance: 0.0 %	Jan Wilson	Ongoing
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# Project Version Summary

<b>Project #</b>	REC-001-16	<b>Service Area</b>	Community Development & Health
<b>Budget Year</b>	2017	<b>Department</b>	Commissioner Recreation & Culture
<b>Asset Type</b>	Unassigned	<b>Division</b>	Recreation Facilities
<b>Title</b>	Forest Glade New Gym Addition		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 7		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
To construct a new gym addition at Forest Glade Community Centre.				Given the information that we currently have the new gym addition at Forest Glade community Centre would be ell utilized and received in the community.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>														
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>					
2017	0	0	0	<b>Expenses</b>												
2018	0	0	0	5410	Construction Contracts - TCA											
2019	0	0	0	0	0	0	0	0	0	2,000,000	2,000,000					
2020	0	0	0	0	0	0	0	0	0	2,000,000	2,000,000					
2021	0	0	0	<b>Revenues</b>												
2022+	2,000,000	2,000,000	0	169	Pay As You Go - Capital Reserve											
	<b>2,000,000</b>	<b>2,000,000</b>	<b>0</b>	0	0	0	0	0	0	2,000,000	2,000,000					
				Total	0	0	0	0	0	2,000,000	2,000,000					
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>												
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>					
				Unknown	Based on the average 2014-2015 rental income from WFCU and John Atkinson Memorial Centre Recreation and Culture is able to forecast a net increase in operating budget income of \$12,350. The \$12,350 is derived from an increase in net revenue of \$44,250 in addition to an increase of \$18,700 in Hydro, \$9,300 in Gas and \$3,900 in water. Caretaking and routine maintenance for the addition are expected to be managed within the current Facilities Operations operating budget. The effective date would take place upon completion of construction and there is no FTE impact. Projected expenses may increase depending on year of construction.					0	0					
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>								
2016	January 1, 2022	Growth: 0.0 % Maintenance: 0.0 %		Jan Wilson				2022+								



# Project Version Summary

<b>Project #</b>	REC-002-07	<b>Service Area</b>	Community Development & Health
<b>Budget Year</b>	2017	<b>Department</b>	Commissioner Recreation & Culture
<b>Asset Type</b>	Unassigned	<b>Division</b>	Recreation Facilities
<b>Title</b>	Lakeview Park Marina Upgrades		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 6, Ward 7		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
Lakeview Marina maintenance and upgrades are needed to make it a more viable business. Repairs and renovations are required to reconfigure and refurbish docks to make them more suitable to local business and to remain competitive with other facilities.				2017: Breakwall railing repairs - \$100,000  2020: Continuation of dock repairs,  2021+: Well Conversion of the 15-20' Wells, Parking Lot Revamp, East Side and West Side Basin Dock Repair, General Dock Repair and Dredging, ongoing maintenance and general structural repairs.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7061146																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>														
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>					
2017	100,000	100,000	0	<b>Expenses</b>												
2018	0	0	0	5410	Construction Contracts - TCA											
2019	0	0	0		100,000	0	0	55,000	100,000	1,045,000	1,300,000					
2020	55,000	55,000	0		Total	100,000	0	0	55,000	100,000	1,045,000	1,300,000				
2021	100,000	100,000	0	<b>Revenues</b>												
2022+	1,045,000	1,045,000	0	165	Lakeview Park Marina											
	<b>1,300,000</b>	<b>1,300,000</b>	<b>0</b>		100,000	0	0	55,000	100,000	45,000	300,000					
				169	Pay As You Go - Capital Reserve											
					0	0	0	0	0	1,000,000	1,000,000					
					Total	100,000	0	0	55,000	100,000	1,045,000	1,300,000				
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>												
		<b>Revenue</b>		<b>Effective Date</b>		<b>Description</b>		<b>Exp/(Rev)</b>		<b>FTE Impact</b>						
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	Unknown		No Operating Budget Impact		0		0						
2012	60,000	60,000	0													
<b>Related Projects</b>																
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>								
2007	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %		Jan Wilson/Tom Graziano				On-Going								



# Project Version Summary

<b>Project #</b>	REC-005-16	<b>Service Area</b>	Community Development & Health
<b>Budget Year</b>	2017	<b>Department</b>	Commissioner Recreation & Culture
<b>Asset Type</b>	Unassigned	<b>Division</b>	Recreation Facilities
<b>Title</b>	Gino & Liz Marcus Community Centre Family Change Room		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 5		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
In accordance with B68-2015, Council approved the "Proposed 2016 Enhanced Capital Budget" in the form of placeholder allocations in the budget with reports to BE PREPARED for Council's consideration.																
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7161051				As per CR498/2016, \$1,100,000 pre-commitment in principle for the Gino & Liz Marcus Family Change Room (Canada 150 Community Infrastructure Program). On August 22, 2016, report #S94/2016 was formally approved pre-committing these funds.												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>														
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>					
2017	0	0	0	<b>Expenses</b>												
2018	0	0	0	5410	Construction Contracts - TCA											
2019	0	0	0		0	0	0	1,100,000	0	0	1,100,000					
2020	1,100,000	1,100,000	0		Total	0	0	0	1,100,000	0	0	1,100,000				
2021	0	0	0	<b>Revenues</b>												
2022+	0	0	0	169	Pay As You Go - Capital Reserve											
	<b>1,100,000</b>	<b>1,100,000</b>	<b>0</b>		0	0	0	1,100,000	0	0	1,100,000					
					Total	0	0	0	1,100,000	0	0	1,100,000				
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>												
<b>Precedes</b>		<b>Project Title</b>		<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>							
REC-003-07		Municipal Pools Refurbishment Program		Unknown	No Operating Budget Impact			0	0							
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>								
2016	September 30, 2016	Growth: 0.0 % Maintenance: 0.0 %		Jan Wilson/Tom Graziano				2017								

# **2017 Recommended Capital Budget**



## **Capital Project Summaries**

**Office of the Chief Administrative Officer**



# Project Version Summary

<b>Project #</b>	CAO-001-16	<b>Service Area</b>	Office of the CAO
<b>Budget Year</b>	2017	<b>Department</b>	CAO's Office
<b>Asset Type</b>	Unassigned	<b>Division</b>	CAO's Office
<b>Title</b>	City Contribution for Transfer of P. Martin Bldg. to University of Windsor		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
As part of the Federal Government's agreement to transfer the Paul Martin building on Ouellette Avenue over to the City of Windsor, negotiations continue with the University of Windsor to provide for a contribution to convert the building to the new Law School in the downtown core. The expenditure of \$15.0M is to come from the 2019 (\$7.5M) and 2020 (\$7.5M) unallocated debt reduction levy.											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5410	Construction Contracts - TCA						
2018	0	0	0		0	0	7,500,000	7,500,000	0	0	15,000,000
2019	7,500,000	7,500,000	0								
2020	7,500,000	7,500,000	0								
2021	0	0	0								
2022+	0	0	0								
	<b>15,000,000</b>	<b>15,000,000</b>	<b>0</b>								
				<b>Revenues</b>							
				169	Pay As You Go - Capital Reserve						
					0	0	7,500,000	7,500,000	0	0	15,000,000
					0	0	7,500,000	7,500,000	0	0	15,000,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	No Operating Budget Impart				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>							
2016	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Onorio Colucci	2020							

# **2017 Recommended Capital Budget**



## **Capital Project Summaries**

**Office of the Chief Financial Officer**



## Project Version Summary

<b>Project #</b>	FIN-006-16	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2017	<b>Department</b>	Finance
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Finance
<b>Title</b>	(Legislated) Liability for Contaminated Sites		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>By virtue of the Municipal Act, the City is legislatively required to prepare audited financial statements on the basis of Public Sector Accounting Board (PSAB) standards. PSAB has introduced a new standard 3260 Liability for Contaminated Sites which the City is required to comply with in our 2015 consolidated financial statements (to be prepared in early 2016).</p> <p>For contaminated sites no longer in use or for which the City has assumed responsibility, we will be required to estimate:</p> <ul style="list-style-type: none"> <li>• Costs directly attributable to remediation activities</li> <li>• Post-remediation operation, maintenance and monitoring that are an integral part of the remediation strategy for a contaminated site</li> <li>• The estimate of assets acquired, or to be acquired, as part of remediation activities to the extent those assets have no alternative use</li> </ul> <p>We have already hosted a workshop with senior management across the City and have identified a number of potentially in-scope sites. In order to obtain verifiable data required to create an auditable estimate of the City's liability for contaminated sites, we will need to incur the following expenses:</p> <ul style="list-style-type: none"> <li>- Internal project staff support</li> <li>- Technical accounting consulting</li> <li>- Consultant Site Assessments of potentially significant sites</li> <li>- Additional audit costs</li> </ul> <p>While the project is intended to satisfy the requirements of PSAB 3260 in the most cost effective manner possible, neither PSAB 3260 or this project provides any funding plan or remediation plan to actually manage or remediate any contaminated sites. Notwithstanding the above, any site assessments completed through this project may provide useful information as the City makes decisions to manage or remediate these sites.</p> <p>Estimated Funding Requirements – up to \$200,000 in 2015/2016</p>	
Project Comments/Reference	Version Comments
7161003	



Project Forecast				Project Detailed Forecast							
		Revenue		GL Account	2017	2018	2019	2020	2021	2022+	Total
Year	Total Expense	Net City Cost	Subsidies								
2017	0	0	0	<b>Expenses</b>							
2018	0	0	0	5410	Construction Contracts - TCA						
2019	0	0	0		0	0	0	0	0	100,000	100,000
2020	0	0	0	Total	0	0	0	0	0	100,000	100,000
2021	0	0	0	<b>Revenues</b>							
2022+	100,000	100,000	0	169	Pay As You Go - Capital Reserve						
	<b>100,000</b>	<b>100,000</b>	<b>0</b>	Total	0	0	0	0	0	100,000	100,000
<b>Historical Approved Budget</b>											
Year	Total Expense	Net City Cost	Subsidies								
2016	200,000	200,000	0								
<b>Related Projects</b>				<b>Operating Budget Impact</b>							
				Effective Date	Description	Exp/(Rev)	FTE Impact				
				Unknown	The PSAB standard (not necessarily the project) may have an operating impact – TBD	0	0				
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date							
2016	January 1, 2016	Growth: 0.0 % Maintenance: 0.0 %	Dan Seguin	Ongoing							



# Project Version Summary

<b>Project #</b>	FIN-009-15	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2017	<b>Department</b>	Finance
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Finance
<b>Title</b>	Capital Reserve Replenishment Allocation		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Other		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>								
As per Council's previous directions relative to ensuring long term financial stability, and to ensure that the City's cash balances are sufficient to self finance capital projects without the need to resort to high cost of external borrowing, funding is being allocated to replenish and bolster reserves. These allocations are also meant to provide liquidity that could be accessed to fund unfunded or unexpected costs such as settlements of significant legal claims or significant retroactive payments relating to major property tax appeals.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
				As per the approved 2014 5-year Capital Plan, Council approved in principle funds from the 2016 - 2018 Debt Reduction Levy for reserve enhancement.								
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>		<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>								
2017	3,210,000	3,210,000	0	4248	TRANSFER to Reserve Account							
2018	3,210,000	3,210,000	0			3,210,000	3,210,000	3,210,000	3,210,000	3,210,000	0	16,050,000
2019	3,210,000	3,210,000	0									
2020	3,210,000	3,210,000	0									
2021	3,210,000	3,210,000	0									
2022+	0	0	0									
	<b>16,050,000</b>	<b>16,050,000</b>	<b>0</b>									
<b>Historical Approved Budget</b>				<b>Revenue</b>								
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>									
2016	3,210,000	3,210,000	0									
<b>Related Projects</b>				<b>Operating Budget Impact</b>								
				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>			
				Unknown	No Operating Budget Impact			0	0			
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>				
2015	January 1, 2016	Growth: 100.0 % Maintenance: 0.0 %		Victor Ferranti				2019				



# Project Version Summary

<b>Project #</b>	FIN-001-15	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2017	<b>Department</b>	Finance
<b>Asset Type</b>	Unassigned	<b>Division</b>	Asset Planning
<b>Title</b>	Sub-Metering - Energy Cost Savings Initiative		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<p>Administration will develop a sub-metering project at two strategic locations that represent two of the City's main energy consumers - Lou Romano and Windsor International Aquatic and Training Centre (WIATC).          Sub-metering is the monitoring of the electrical, gas, water, steam or other commodities' consumption by individual equipment, processes or systems in a building. Sub-metering can be used to measure energy consumption of HVAC, lighting, refrigeration, compressors, pumps, etc. In addition to the main meter used by utilities to determine overall building consumption, sub-metering utilizes individual meters that allow building and facility managers to have real-time visibility into the energy use and performance of the equipment, creating opportunities for energy and capital savings.          Traditional utility bill analysis uses information that is up to 45 days after usage and is too aggregated (about 30 days). Sub-metering addresses this information gap providing real-time granular visibility of energy consumption, therefore can be utilized to optimize operations and save energy.</p>				<p>Sub-metering has the potential to help saving approximately 2% the annual energy consumption that translates to \$60,000 in savings. Approximate payback of the project is less than 3 years. Benefits include:</p> <ul style="list-style-type: none"> <li>- Identification of unnecessary equipment running at night, off shift or during weekends.</li> <li>- Ability to transmit information back to operators and facility managers the same day and provide operators with feedback the next day about implemented changes.</li> <li>- Comparison and benchmarking of usage across similar facilities and over time.</li> <li>- Detection of utility bill errors by comparing sub-meter usage with actual utility bill.</li> <li>- Better management of electricity usage when the facility faces demand limits or peak usage pricing.</li> </ul> <p>The OPA (Ontario Power Authority) provide incentives for these type of projects in the amount of \$20,000.</p>							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5410	Construction Contracts - TCA						
2018	0	0	0		0	0	0	0	150,000	0	150,000
2019	0	0	0								
2020	0	0	0								
2021	150,000	150,000	0								
2022+	0	0	0								
	<b>150,000</b>	<b>150,000</b>	<b>0</b>								
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	No Operating Budget Impact		0		0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2015	July 1, 2020	Growth: 0.0 % Maintenance: 0.0 %		Sergio Grando/Sokol Aliko				2020+			



# Project Version Summary

<b>Project #</b>	FIN-001-17	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2017	<b>Department</b>	Finance
<b>Asset Type</b>	Unassigned	<b>Division</b>	Asset Planning
<b>Title</b>	Asset Planning Service Design and Implementation		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
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.															
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		<b>Revenue</b>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>				
2017	110,000	110,000	0	5410 Construction Contracts - TCA											
2018	0	0	0	110,000	0	0	0	0	0	0	110,000				
2019	0	0	0	Total	110,000	0	0	0	0	0	110,000				
2020	0	0	0	<b>Revenues</b>											
2021	0	0	0	176 Federal Gas Tax Rebate											
2022+	0	0	0	110,000	0	0	0	0	0	0	110,000				
	<b>110,000</b>	<b>110,000</b>	<b>0</b>	Total	110,000	0	0	0	0	0	110,000				
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>											
				<b>Effective Date</b>		<b>Description</b>		<b>Exp/(Rev)</b>		<b>FTE Impact</b>					
				Unknown		No Operating Budget Impact		0		0					
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>							
2017	January 1, 2017	Growth: 100.0 % Maintenance: 0.0 %		Gabe Taba				December 2017							



# Project Version Summary

<b>Project #</b>	FIN-002-15	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2017	<b>Department</b>	Finance
<b>Asset Type</b>	Unassigned	<b>Division</b>	Asset Planning
<b>Title</b>	Corporate Wide Facilities LED Conversion		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<p>This project will entail converting, where applicable, all fluorescent lights, metal halide, and other lighting technology to LED lighting at all corporate facilities. The project will be implemented over a 3 year period and will include all city operated offices and facilities.</p> <p>The efficiency and current cost of LED lights make them a viable solution to replacing the traditional lights. The electricity savings could be from 50% up to 90% relative to other types of lamps. They are even more efficient than the advanced T8 and T5 linear fluorescent lamps. Furthermore, LED lights last more than 75,000 hours compared to 1,000 hours for incandescent lamps, 10,000 for compact fluorescent lamps, and 30,000 hours for linear fluorescent lamps.</p>				<p>A conservative savings projection of 12% can be attributed to LED conversion. The estimation is based on a conversion of approximately 50,000 lamps in City facilities and buildings. With prices that range from \$10-\$50 per lamp / fixture, the cost of LED conversion, including labour, is around \$1,100,000.</p> <p>Annual savings will be approximately \$225,000 and the payback of the project is about 5 years.</p> <p>The project will be implemented in stages over a three-year timeframe, starting with incandescent, sodium, and metal halide lights.</p>							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5410 Construction Contracts - TCA							
2018	0	0	0		0	0	1,200,000	0	0	0	1,200,000
2019	1,200,000	1,200,000	0	<b>Total</b>	0	0	1,200,000	0	0	0	1,200,000
2020	0	0	0	<b>Revenues</b>							
2021	0	0	0	169 Pay As You Go - Capital Reserve							
2022+	0	0	0		0	0	1,200,000	0	0	0	1,200,000
	<b>1,200,000</b>	<b>1,200,000</b>	<b>0</b>	<b>Total</b>	0	0	1,200,000	0	0	0	1,200,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	Operational savings - 15% Energy Savings				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2015	July 1, 2020	Growth: 0.0 % Maintenance: 0.0 %		Sergio Grando/Sokol Aliko				2020+			



# Project Version Summary

<b>Project #</b>	FIN-003-14	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2017	<b>Department</b>	Finance
<b>Asset Type</b>	Unassigned	<b>Division</b>	Asset Planning
<b>Title</b>	Energy Efficiency Engineering Studies for Arenas		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
<p>Arenas represent some of the Corporation's largest consumers of electricity. Currently administration is undertaking a \$40,000 detailed engineering study at Forest Glade Arena and South Windsor Arena, totally funded by the Ontario Power Authority.</p> <p>The study will focus primarily on energy efficiency upgrades for the refrigeration systems serving the arena ice pads. The recommendations resulting from the detailed engineering study with associated costs will be reported to Council for approval and implementation. It is estimated that these costs will be in the range of \$200,000.</p>															
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
7141043				CR34/2015 approved a pre-commitment of \$100,000 from the 2019 capital budget request of \$200,000. Budget of \$100,000 has been set up in 7141043 - Oakwood Community Centre for 2015 but not funded until 2019.											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		<b>Revenue</b>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>				
2017	0	0	0	<b>Expenses</b>											
2018	0	0	0	5410	Construction Contracts - TCA										
2019	200,000	200,000	0		0	0	200,000	0	0	0	200,000				
2020	0	0	0	Total	0	0	200,000	0	0	0	200,000				
2021	0	0	0	<b>Revenues</b>											
2022+	0	0	0	169	Pay As You Go - Capital Reserve										
<b>200,000</b>		<b>200,000</b>	<b>0</b>		0	0	200,000	0	0	0	200,000				
				Total	0	0	200,000	0	0	0	200,000				
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>											
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>				
				Unknown	Operational savings - 8% Energy Savings					0	0				
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>							
2014	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Sergio Grando				December 31, 2019							



# Project Version Summary

<b>Project #</b>	FIN-003-15	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2017	<b>Department</b>	Finance
<b>Asset Type</b>	Unassigned	<b>Division</b>	Asset Planning
<b>Title</b>	Corporate Wide Facilities Lighting Sensors and Timers		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<p>This project will consist of installing timers and occupancy/photo sensors in all applicable locations in city buildings and facilities. By turning lights off when spaces are unoccupied, occupancy sensors and timers compliment load reductions accomplished by lamp retrofits, giving building operators additional opportunities to improve energy savings without compromising lighting service. With typical estimated energy savings potential from 25% to more than 50% of lighting energy, occupancy sensors have frequently been promoted as one of the most cost effective technologies available for retrofitting. The magnitude of the savings will depend upon the time delay setting, and when the peak demand occurs, which may vary among building types.</p>											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5410 Construction Contracts - TCA							
2018	55,000	55,000	0		0	55,000	0	5,000	0	0	60,000
2019	0	0	0	Total	0	55,000	0	5,000	0	0	60,000
2020	5,000	5,000	0	<b>Revenues</b>							
2021	0	0	0	160 Capital Expenditure Reserve							
2022+	0	0	0		0	55,000	0	5,000	0	0	60,000
	<b>60,000</b>	<b>60,000</b>	<b>0</b>	Total	0	55,000	0	5,000	0	0	60,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	The estimated annual savings are \$15,000 with a simple payback period of 4 years. - 5% Energy savings				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2015	July 1, 2020	Growth: 0.0 % Maintenance: 0.0 %		Sergio Grando/Sokol Aliko				2020+			



# Project Version Summary

<b>Project #</b>	FIN-004-15	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2017	<b>Department</b>	Finance
<b>Asset Type</b>	Unassigned	<b>Division</b>	Asset Planning
<b>Title</b>	400 City Hall Square Energy Efficiency Upgrades		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>								
The City of Windsor is participating in the Canada-wide "Town Hall Challenge" campaign. This program compiles good practice design, retrofit and operational metrics for lighting, equipment, HVAC, and other building systems to create a model building operating at 20 kWh/ft2. Participating in the campaign exhibits a commitment to achieve the target of 20 kWh/ft2 by 2015. The City of Windsor currently ranks fifth among reporting "Town Halls".												
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>		<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>								
2017	0	0	0	2915	Consulting Services - External							
2018	0	0	0			0	0	0	0	100,000	0	100,000
2019	0	0	0									
2020	0	0	0									
2021	100,000	100,000	0									
2022+	0	0	0									
	<b>100,000</b>	<b>100,000</b>	<b>0</b>									
<b>Historical Approved Budget</b>				<b>Revenues</b>								
				169	Pay As You Go - Capital Reserve							
						0	0	0	0	100,000	0	100,000
						0	0	0	0	100,000	0	100,000
<b>Related Projects</b>				<b>Operating Budget Impact</b>								
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	The saving potential is around \$20,000 a year. The energy audit undertaken by MCW Energy Solutions Inc. (July 2014) will identify and recommend specific energy reduction measures. Approximate payback of the project is 2-3 years. 7% Energy Savings					0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>				
2015	July 1, 2020	Growth: 0.0 % Maintenance: 0.0 %		Sergio Grando/Sokol Aliko				2020+				





# Project Version Summary

<b>Project #</b>	FIN-005-15	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2017	<b>Department</b>	Finance
<b>Asset Type</b>	Unassigned	<b>Division</b>	Asset Planning
<b>Title</b>	Little River Pollution Control Plant Energy Efficiency Measures Implementation		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Sewers		
<b>Wards</b>	Ward 7		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>								
<p>The City is completing an Engineering Study at Little River Plant as part of the 2014 Capital Budget energy efficiency project that will identify energy savings opportunities. The project identified below will be developed in tandem with the 2014 study.</p> <p>The preliminary findings show that elimination of the dewatered sludge pumps and replacement with augers will save approximately 400,000 kWh annually.</p>												
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>		<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>								
2017	0	0	0	2915	Consulting Services - External							
2018	0	0	0			0	0	0	150,000	0	0	150,000
2019	0	0	0									
2020	150,000	150,000	0									
2021	0	0	0									
2022+	0	0	0									
	<b>150,000</b>	<b>150,000</b>	<b>0</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>150,000</b>	<b>0</b>	<b>0</b>	<b>150,000</b>
				<b>Revenues</b>								
				132	Little River PCP							
						0	0	0	150,000	0	0	150,000
						<b>0</b>	<b>0</b>	<b>0</b>	<b>150,000</b>	<b>0</b>	<b>0</b>	<b>150,000</b>
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>								
				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>			
				Unknown	Total annual savings will be \$52,000 with a simple payback period of approximately 3 years. - 9% energy Savings			0	0			
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>				
2015	July 1, 2020	Growth: 0.0 % Maintenance: 0.0 %		Sergio Grando/Sokol Aliko				2020+				



# Project Version Summary

<b>Project #</b>	FIN-006-15	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2017	<b>Department</b>	Finance
<b>Asset Type</b>	Unassigned	<b>Division</b>	Asset Planning
<b>Title</b>	Transit Windsor Installation of NOx and CO Sensors		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>								
<p>The NO<sub>x</sub> / CO detection system is used to monitor the levels of nitrogen oxide and carbon monoxide in the building. Nitrogen oxide and carbon monoxide are toxic gases created when diesel engines and natural gas fired equipment is running. A NO<sub>x</sub> / CO detection system exists at Transit Windsor Bus Storage area however this system is not operational. The exhaust fans operate continuously instead of being controlled by the detection system.</p> <p>The outdated and inoperative system will be replaced with a new system, consisting of 12 NO<sub>x</sub> sensors, 12 CO sensors and a controller. These sensors will operate in conjunction with the ventilation systems in the Bus Storage area, resulting in reduced runtimes for the systems when NO<sub>x</sub> and CO levels are within acceptable limits.</p>				Approximate payback of the project is 7 years.								
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>								
2017	0	0	0	5411	Construction Contracts-Non TCA							
2018	60,000	60,000	0		0	60,000	0	2,000	0	0	62,000	
2019	0	0	0		Total							
2020	2,000	2,000	0		0	60,000	0	2,000	0	0	62,000	
2021	0	0	0	<b>Revenues</b>								
2022+	0	0	0	160	Capital Expenditure Reserve							
	<b>62,000</b>	<b>62,000</b>	<b>0</b>		0	60,000	0	2,000	0	0	62,000	
					0	60,000	0	2,000	0	0	62,000	
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>								
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>					
				Unknown	The NO <sub>x</sub> / CO detection could reduce the energy consumption by 30% and bring savings of about \$8,500 annually. - 5% Energy Savings	0	0					
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>				
2015	July 1, 2020	Growth: 0.0 % Maintenance: 0.0 %		Sergio Grando/Sokol Aliko				2020+				



# Project Version Summary

<b>Project #</b>	FIN-007-15	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2017	<b>Department</b>	Finance
<b>Asset Type</b>	Unassigned	<b>Division</b>	Asset Planning
<b>Title</b>	Huron Lodge Energy Efficiency Initiatives - LED/Sub-Metering/HVAC Upgrades		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 1		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
Huron Lodge Long Term Care facility consumed 3.3 million kWh and 565,000 cubic meters of Natural Gas in 2013 for a total annual expenditure of \$530,000. The energy intensity of 52.3 kWh/m3 is high compared to similar facilities in Ontario. Recommissioning efforts will be complemented by the introduction of LED lighting and sub-metering.				Approximate payback of the project is 2-4 years.  The primary focus of the re-commissioning effort is the principal electric energy consuming equipment in the facility, typically consisting of the systems and equipment below: - Chiller Plant & Auxiliaries - Cooling Tower - Air Distribution System - Air Conditioning System - Control System							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5410 Construction Contracts - TCA	0	0	0	0	50,000	0	50,000
2018	0	0	0	Total	0	0	0	0	50,000	0	50,000
2019	0	0	0	<b>Revenues</b>							
2020	0	0	0	169 Pay As You Go - Capital Reserve	0	0	0	0	50,000	0	50,000
2021	50,000	50,000	0	Total	0	0	0	0	50,000	0	50,000
2022+	0	0	0								
	<b>50,000</b>	<b>50,000</b>	<b>0</b>								
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	Preliminary studies have shown that recommissioning of the facility would reduce the consumption by up to 5% Energy Savings.				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2015	July 1, 2020	Growth: 0.0 % Maintenance: 0.0 %		Sergio Grando/Sokol Aliko				2020+			



# Project Version Summary

<b>Project #</b>	FIN-001-14	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2017	<b>Department</b>	Finance
<b>Asset Type</b>	Unassigned	<b>Division</b>	Financial Planning
<b>Title</b>	Development Charges Study and Bylaw Update		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
To update Development Charges Study and Bylaw every 5 years, as per the Development Charges Act.															
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
7142002															
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		<b>Revenue</b>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>				
2017	0	0	0	<b>Expenses</b>											
2018	0	0	0	5410	Construction Contracts - TCA										
2019	40,000	40,000	0		0	0	40,000	40,000	0	0	80,000				
2020	40,000	40,000	0	Total	0	0	40,000	40,000	0	0	80,000				
2021	0	0	0	<b>Revenues</b>											
2022+	0	0	0	121	Dev Chg - General										
<b>80,000</b>	<b>80,000</b>	<b>80,000</b>	<b>0</b>		0	0	40,000	40,000	0	0	80,000				
				Total	0	0	40,000	40,000	0	0	80,000				
<b>Historical Approved Budget</b>															
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>												
2014	40,000	40,000	0												
2015	40,000	40,000	0												
<b>Related Projects</b>				<b>Operating Budget Impact</b>											
				<u>Effective Date</u>	<u>Description</u>				<u>Exp/(Rev)</u>	<u>FTE Impact</u>					
				Unknown	No Operating Budget Impact				0	0					
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>							
2016	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Tony Ardovini				December 31, 2020							



# Project Version Summary

<b>Project #</b>	FIN-007-16	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2017	<b>Department</b>	Finance
<b>Asset Type</b>	Unassigned	<b>Division</b>	Financial Planning
<b>Title</b>	Ward Funds		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>			<b>Version Description</b>									
In accordance with B68-2015, Council approved the "Proposed 2016 Enhanced Capital Budget" in the form of placeholder allocations in the budget with reports to BE PREPARED for Council's consideration.												
<b>Project Comments/Reference</b>			<b>Version Comments</b>									
7165003												
<b>Project Forecast</b>			<b>Project Detailed Forecast</b>									
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>								
2017	0	0	0	5410	Construction Contracts - TCA							
2018	0	0	0		0	0	0	400,000	0	0	400,000	
2019	0	0	0		Total							
2020	400,000	400,000	0		0	0	0	400,000	0	0	400,000	
2021	0	0	0	<b>Revenues</b>								
2022+	0	0	0	169	Pay As You Go - Capital Reserve							
	<b>400,000</b>	<b>400,000</b>	<b>0</b>		0	0	0	400,000	0	0	400,000	
					0	0	0	400,000	0	0	400,000	
<b>Historical Approved Budget</b>			<b>Operating Budget Impact</b>									
			<b>Effective Date</b>				<b>Description</b>		<b>Exp/(Rev)</b>		<b>FTE Impact</b>	
			Unknown				TBD		0		0	
<b>Related Projects</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>				
2016	January 1, 2016	Growth: 0.0 % Maintenance: 0.0 %		N/A				On-Going				



## Project Version Summary

<b>Project #</b>	ITC-001-08	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2017	<b>Department</b>	Information Technology
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Info. Tech.
<b>Title</b>	Information Technology Business Continuity Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>For the last several years there have been significant changes in the IT infrastructure as we moved from a mainframe to a server based environment. During this time one of the main focuses in IT has been on ensuring that we are making steps to improve the availability of our critical systems. During this time the Corporation has also become more dependent on technology, which is consistent with other sectors.</p> <p>The first stage of good Disaster Recovery Planning is Prevention. In other words, taking steps to prevent significant outages in the IT Infrastructure. There does exist capital funding for some of this work in project ITC-006-07 and the focus has been on a relocation of the computer room into space that was allocated for this purpose in the 400 CHS building as the existing facility no longer meets the cooling and power requirements and is also in a poor location for security and physical exposure to accidents. We have also been making significant strides in improving our server infrastructure to have greater levels of redundancy so that if an individual component fails the application continues to function.</p> <p>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.</p> <p>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.</p> <p>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.</p>	<p>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.</p> <p>The Corporate Security Policy and Methodology that was approved by Council is one of the tools we have to help identify critical areas where more security and availability is required and where plans should be in place in the event of an outage. Funding is also planned in the Capital Budget under project ITC-005-07 to address these areas as they are identified.</p> <p>It should be noted, the Disaster Recovery and/or the Security project will NOT result in a full Business Continuity Plan. If the Corporation feels that additional investment should be made to also develop a complete business continuity plan then this project will need to be approved</p>
Project Comments/Reference	Version Comments

Project Forecast				Project Detailed Forecast							
Year	Total Expense	Revenue		GL Account	2017	2018	2019	2020	2021	2022+	Total
		Net City Cost	Subsidies								
2017	0	0	0	5410							
2018	0	0	0								
2019	0	0	0								
2020	100,000	100,000	0				0	100,000	100,000	200,000	400,000
2021	100,000	100,000	0				0	100,000	100,000	200,000	400,000
2022+	200,000	200,000	0				0	100,000	100,000	200,000	400,000
	<b>400,000</b>	<b>400,000</b>	<b>0</b>				0	100,000	100,000	200,000	400,000
Historical Approved Budget											
Related Projects				Operating Budget Impact							
				Effective Date	Description					Exp/(Rev)	FTE Impact
				Unknown	No Operating Budget Impact					0	0
Year Identified	Start Date	Project Type for 2017		Project Lead				Est. Completion Date			
2008	January 1, 2020	Growth: 0.0 % Maintenance: 0.0 %		Norm Synnott				2022+			



# Project Version Summary

<b>Project #</b>	ITC-001-10	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2017	<b>Department</b>	Information Technology
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Info. Tech.
<b>Title</b>	Smart Community Initiative		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
As the region moves forward with a variety of efforts to redefine our economy, working smarter, together with our other public and private sector partners is essential. The Smart Community initiative coordinated through Connecting Windsor Essex is one of the key ways that we can accomplish this. Modernizing our services, enhancing transparency and community engagement requires investment in tools and technology to improve the citizen experience online.				This funding will be used to fund projects that expand the services available to the public through electronic means.  2019-2021: Citizen self-service initiatives; Improved open data and transparency initiatives.											
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
7009015															
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		<b>Revenue</b>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<b>GL Account</b>		<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>			
2017	0	0	0	<b>Expenses</b>											
2018	0	0	0	5411 Construction Contracts-Non TCA				200,000	200,000	200,000	200,000				
2019	200,000	200,000	0					200,000	200,000	200,000	200,000				
2020	200,000	200,000	0					200,000	200,000	200,000	200,000				
2021	200,000	200,000	0	<b>Revenues</b>											
2022+	200,000	200,000	0	169 Pay As You Go - Capital Reserve				200,000	200,000	200,000	200,000				
	<b>800,000</b>	<b>800,000</b>	<b>0</b>					200,000	200,000	200,000	200,000				
<b>Historical Approved Budget</b>															
<b>Related Projects</b>				<b>Operating Budget Impact</b>											
				<b>Effective Date</b>		<b>Description</b>				<b>Exp/(Rev)</b>		<b>FTE Impact</b>			
				Unknown		No Operating Budget Impact				0		0			
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>							
2010	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Harry Turnbull				Ongoing							





# Project Version Summary

<b>Project #</b>	ITC-001-13	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2017	<b>Department</b>	Information Technology
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Info. Tech.
<b>Title</b>	Corporate Integration of Mobile Technologies		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>								
<p>Funding request is to facilitate implementation of organizational requests for mobility. Untethering staff from their desks results in productivity and customer service improvements. The corporation has been making gains in these areas by incrementally growing the mobile workforce.</p> <p>Two factors are driving this future investment requirement:</p> <p>1) The current mobile workforce initiatives are ad hoc. Once a critical mass is reached, an investment will be required for a more efficient and effective holistic solution.</p> <p>2) Technology changes in the mobile space are rapid and significant. While our current solutions are sufficient, it is almost certain they will be antiquated in the coming years.</p>				<p>Costs may include but are not limited to: mobile devices, software, customization, interface development, infrastructure, security. This project includes all consumer costs to move work activities into the field.</p>								
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>		<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>								
2017	0	0	0	5411	Construction Contracts-Non TCA							
2018	0	0	0			0	0	500,000	0	500,000	0	1,000,000
2019	500,000	500,000	0		<b>Total</b>	0	0	500,000	0	500,000	0	1,000,000
2020	0	0	0	<b>Revenues</b>								
2021	500,000	500,000	0	169	Pay As You Go - Capital Reserve							
2022+	0	0	0			0	0	500,000	0	500,000	0	1,000,000
	<b>1,000,000</b>	<b>1,000,000</b>	<b>0</b>		<b>Total</b>	0	0	500,000	0	500,000	0	1,000,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>								
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>			<b>FTE Impact</b>	
				Unknown	A more mobile workforce has a definite impact on Operating as each mobile device will require a monthly connectivity cost. While this Capital Budget can address the up front costs. The ongoing costs will need to be allocated by each area requiring mobile services.			0			0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>				

2013	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Matt Caplin	Ongoing
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# Project Version Summary

<b>Project #</b>	ITC-007-07	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2017	<b>Department</b>	Information Technology
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Info. Tech.
<b>Title</b>	Corporate Intranet Redesign & Internet Accessibility Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>									
This project's initial phase was to redesign both the Internet (external, public facing website) and the Intranet (internal facing site - i.e. Dashboard) and to lay the technical infrastructure for future projects. The corporate-wide portion of the intranet went live in late 2011, and the internet (website) went live in 2012, followed by departmental-only sites, collaboration sites with unique security environments, workflow automation and business intelligence sites. For visitors of the City's website, future initiatives will allow for enhanced delivery of municipal services. Continual enhancements to functionality will be required to meet the continual and evolving needs.				The funds requested in 2019 will be used to upgrade licenses to keep the technology current. These licenses are necessary to continue increasing the efficiency and productivity of employees, by allowing them to collaborate and to quickly get the information they need to make the best decisions. The importance of public facing websites and portals as a key method of conducting business, sharing information and collaborating with residents, customers, businesses, partners and staff will continue to grow significantly.									
<b>Project Comments/Reference</b>				<b>Version Comments</b>									
7075017				The funding request for this project was originally requested for 2016 and has been moved out to 2019 and should not be deferred any further.									
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>									
		<b>Revenue</b>		<b>GL Account</b>		<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>									
2017	0	0	0	5411 Construction Contracts-Non TCA									
2018	0	0	0			0	0	850,000	0	0	0	850,000	
2019	850,000	850,000	0	Total		0	0	850,000	0	0	0	850,000	
2020	0	0	0	<b>Revenues</b>									
2021	0	0	0	169 Pay As You Go - Capital Reserve									
2022+	0	0	0			0	0	850,000	0	0	0	850,000	
	<b>850,000</b>	<b>850,000</b>	<b>0</b>	Total		0	0	850,000	0	0	0	850,000	
<b>Historical Approved Budget</b>													
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>										
2007	25,000	25,000	0										
2008	100,000	100,000	0										
2009	400,000	400,000	0										
2010	500,000	500,000	0										
2011	625,000	625,000	0										
<b>Related Projects</b>				<b>Operating Budget Impact</b>									
				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>			<b>FTE Impact</b>		
				Unknown	No Operating Budget Impact			0			0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>					
2007	January 1, 2007	Growth: 0.0 % Maintenance: 0.0 %		Matt Caplin				2019					



# Project Version Summary

<b>Project #</b>	ITC-001-09	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2017	<b>Department</b>	Information Technology
<b>Asset Type</b>	Unassigned	<b>Division</b>	End User Management
<b>Title</b>	Corporate Facilities Video Display Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>								
Video display and improved access at locations that have employees without computer access and in meeting rooms where collaboration can significantly improve efficiency and service levels.				<p>This project was scoped to deliver stand-alone video displays for disseminating information to staff without computers. It has been successfully deployed at Solid Waste, Crawford Yard, Parks Yard, Huron Lodge (2 units), Lou Romano Water Reclamation Plant, and all Fire Stations. These are stand-alone systems for which area managers are responsible for the content. Additional sites will be added as they are identified.</p> <p>The trend for video content demand within the corporate community continues to increase, with the technology required to deliver this medium changing at an equal pace. Video messaging and training is easily downloadable or streamed directly to computers. Putting in place the technology and network infrastructure required to support the anticipated future demand for video content is a critical component in delivering the medium. This budget request is to ensure funds are available to move forward with the future technology.</p>								
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
7101007												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>		<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<b>Expenses</b>								
2017	0	0	0	5411	Construction Contracts-Non TCA							
2018	0	0	0			0	0	0	200,000	0	0	200,000
2019	0	0	0									
2020	200,000	200,000	0						200,000	0	0	200,000
2021	0	0	0									
2022+	0	0	0									
	<b>200,000</b>	<b>200,000</b>	<b>0</b>									
		<b>Revenue</b>		<b>Revenues</b>								
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	169	Pay As You Go - Capital Reserve							
2010	150,000	150,000	0			0	0	0	200,000	0	0	200,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>								
				<b>Effective Date</b>		<b>Description</b>		<b>Exp/(Rev)</b>		<b>FTE Impact</b>		
				Unknown		No Operating Budget Impact		0		0		
<b>Related Projects</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>				
2009	January 1, 2010	Growth: 0.0 % Maintenance: 0.0 %		Earl Larking				2020				



## Project Version Summary

<b>Project #</b>	ITC-008-07	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2017	<b>Department</b>	Information Technology
<b>Asset Type</b>	Unassigned	<b>Division</b>	Enterprise System Support
<b>Title</b>	Corporate Enterprise Resource Planning (ERP) System Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<p><b>Project Description</b></p> <p>The focus of this project is to utilize funds to support necessary enhancements to Enterprise Resource Planning systems. Such items include System Support, Projects or Business Process Initiatives approved by the various Governance Groups that create corporate technical workplans annually. One such project is Tax Updates for HR and Payroll using Rimini Street packages. The project will remain ongoing to enable support and as subsequent workplans are approved with the continuation of additional budget funding being approved.</p>	<p><b>Version Description</b></p> <p>This project will continue to identify and resolve post upgrade (Tax and PeopleTools) issues and optimize the HRMS as well as Financial applications to meet the current business needs. Rimini Street is used for maintenance support and has an impact on ensuring funds in the long term are allocated to either consider purchases of new licenses for PeopleSoft or consider migration to a new Enterprise System. The financial system has several functional enhancements underway to improve workflow. These enhancements were approved by the PeopleSoft Managers group and monitored as part of the corporate PeopleSoft annual workplan. Further focus continues to transition to the implementation of quarterly Tax Updates for HR and Payroll using Rimini Street packages</p> <p>2017 – Support resources for HR- elearn upload, WPL - Windsor Public Library on Financials report enhancements, IT-PeopleTools Upgrade, FIN-PS Vendor Management (vendor creation and modification)</p> <p>2019+ – Support resources for FIN – AP/Purchasing Business Process Review, Asset Planning – Utilities Automation phase 2, HR Training records automation, HR – job descriptions and Posting Information, IT-PeopleTools Upgrade, Internal resources for PPR projects. (IT - HRMS &amp; FIN License renewal - Oracle)</p>
<p><b>Project Comments/Reference</b></p> <p>7074018</p>	<p><b>Version Comments</b></p> <p>If maintenance upgrades are not monitored, considered for completion and funded from year to year, significant costs for consulting support and hardware may occur.</p>

Project Forecast				Project Detailed Forecast							
		Revenue		GL Account	2017	2018	2019	2020	2021	2022+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses							
2017	0	0	0	5411	Construction Contracts-Non TCA						
2018	0	0	0		0	0	475,000	250,000	250,000	1,100,000	2,075,000
2019	475,000	475,000	0		Total						
2020	250,000	250,000	0		0	0	475,000	250,000	250,000	1,100,000	2,075,000
2021	250,000	250,000	0	Revenues							
2022+	1,100,000	1,100,000	0	160	Capital Expenditure Reserve						
	<b>2,075,000</b>	<b>2,075,000</b>	<b>0</b>		0	0	475,000	250,000	250,000	1,100,000	2,075,000
					Total						
					0	0	475,000	250,000	250,000	1,100,000	2,075,000
Historical Approved Budget											
		Revenue									
Year	Total Expense	Net City Cost	Subsidies								
2007	100,000	100,000	0								
2008	100,000	100,000	0								
2009	250,000	250,000	0								
2010	300,000	300,000	0								
2012	140,000	140,000	0								
2014	125,000	125,000	0								
2015	100,000	100,000	0								
2016	25,000	25,000	0								
Related Projects				Operating Budget Impact							
				Effective Date	Description	Exp/(Rev)		FTE Impact			
				Unknown	No Operating Budget Impact	0		0			
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date							
2007	January 1, 2007	Growth: 0.0 % Maintenance: 0.0 %	Pete Evans	Ongoing							



## Project Version Summary

<b>Project #</b>	ITC-011-07	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2017	<b>Department</b>	Information Technology
<b>Asset Type</b>	Unassigned	<b>Division</b>	Enterprise System Support
<b>Title</b>	AMANDA Information System Upgrades and Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>The AMANDA system is used by many corporate departments for Licensing, Building, Finance (Tax), Fire, Parks, Public Works, etc. Enhancements to this system are required to support business administration, accommodate legislative changes, implement software upgrade requirements, and maintain technology standards. These enhancements have been approved by the AMANDA Governance and Managers groups, and will be scheduled for the next five year plan. The enhancements are approved and are monitored as part of the corporate AMANDA annual work plan. With this funding strategy the goal is to primarily ensure that the system remains functional, accommodates expansion, and ensures day-to-day business continuity.</p>	<p>The pre-work in preparation for the Upgrade to AMANDA 7 has begun with infrastructure improvements, report conversions and project planning for migration of all modules to AMANDA 7. There are six pillars of the project that are actively being worked upon that include infrastructure, security, interfaces, Admin/Customization/Reports, SQL code tech changes and modules. This project will continue to identify and resolve post upgrade issues and optimize the AMANDA applications to meet the current business needs. Stabilization of this version will continue with minor upgrades as required throughout the lifecycle for the software. Implementation of additional functionality will continue to create efficiencies needed by the corporate users. These enhancements are approved by the AMANDA Governance and Managers groups and monitored as part of the annual workplan. The steps of the upgrade to AMANDA 7 will need to continue in 2018 in order to meet vendor support requirements.</p> <p>2017 - The current enhancing projects being completed are IT- Amanda Security &amp; infrastructure Upgrade , six upgrade pillars, PW Drainage folders, Building Development Fee restructure, Planning - Heritage properties in AMANDA, Building - Dragon and update of the AMANDA folders pilot.</p> <p>2018 - The steps of the upgrade to AMANDA 7 six pillars will need to continue in order to meet vendor support requirements. Launch of the new IT/FIN AMANDA Tax and Cashier.</p> <p>2019+ - Projects for consideration through Amanda Governance for Corporate departments are; AMANDA migration to the Browser, PW - Local Improvements folder, IT - FSI interfaces, Finance – e-post, Planning/Building, e-permitting - Customer engagement integration, Parks - RFS and vacant lot folder rewrites, FIN - Cheque reader, Parks - Downspout Disconnect and POW - Sub-division Conditions Management.</p> <p>Implementation of additional functionality will continue that will create efficiencies needed by the corporate users as submitted through the governance process.</p>
<p><b>Project Comments/Reference</b> 7075021</p>	<p><b>Version Comments</b> If maintenance upgrades are not complete and funded from year to year, significant costs for consulting and hardware purchase may occur.</p>

Project Forecast				Project Detailed Forecast							
		Revenue		GL Account	2017	2018	2019	2020	2021	2022+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses							
2017	0	0	0	5411	Construction Contracts-Non TCA						
2018	200,000	200,000	0		0	200,000	350,000	200,000	200,000	300,000	1,250,000
2019	350,000	350,000	0		Total						
2020	200,000	200,000	0		0	200,000	350,000	200,000	200,000	300,000	1,250,000
2021	200,000	200,000	0	Revenues							
2022+	300,000	300,000	0	160	Capital Expenditure Reserve						
	<b>1,250,000</b>	<b>1,250,000</b>	<b>0</b>		0	200,000	350,000	200,000	200,000	300,000	1,250,000
					Total						
					0	200,000	350,000	200,000	200,000	300,000	1,250,000
Historical Approved Budget											
Year	Total Expense	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								
Related Projects				Operating Budget Impact							
				Effective Date	Description	Exp/(Rev)		FTE Impact			
				Unknown	No Operating Budget Impact	0		0			
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date							
2007	January 1, 2007	Growth: 0.0 % Maintenance: 0.0 %	Pete Evans	Ongoing							





# Project Version Summary

<b>Project #</b>	ITC-002-16	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2017	<b>Department</b>	Information Technology
<b>Asset Type</b>	Unassigned	<b>Division</b>	Project Management & Applications
<b>Title</b>	Corporate Radio Infrastructure Upgrades		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>	<p>The corporate radio system is used by Windsor Police Services, Windsor Fire &amp; Rescue Services, Transit Windsor and various operating departments within the Corporation of the City of Windsor. The system, an ASTRO P25 Digital Voice Radio Communications System from Motorola Solutions, was purchased in 2008 and implemented in 2009.</p> <p>The digital radio system components can be classified into three categories, Infrastructure (servers, software, networking equipment and emergency dispatch computers), End User Devices (in-vehicle and portable radios), and Transmission Equipment (broadcasting).</p> <p>The system Infrastructure has surpassed the typical useful life of similar Infrastructure for other corporate systems.</p> <p>Due to the critical nature of the corporate radio system, the need to upgrade the Infrastructure in relatively short order, and considering that the End User Devices and Transmission Equipment still have several years of useful service life remaining, it is recommended that this upgrade is purchased as soon as possible from the current vendor, Motorola Solutions, in order to maintain operability of the entire system through to the expected end of life for the balance of the system. It is recommended that a Request For Proposal process (RFP) be conducted between 2021-2023 to align with the end of life of the End User Devices, to provide for a more comprehensive system replacement.</p> <p>In addition to procuring an Infrastructure upgrade, a Motorola System Upgrade Agreement with Security Update Service will allow the City to keep the critical radio system Infrastructure current and reliable.</p> <p>In order to ensure a sustainable funding model for the corporate radio system, a thorough analysis of cost and funding projections through 2033 was undertaken. It was determined that long term investment requirements to maintain a public safety grade radio system at an appropriate level is significant and the current funding model falls short. An operating budget increase of \$700,000 in 2017 is required. Administration will submit this operating budget issue during the 2017 operating budget process.</p> <p>New corporate radio system sharing agreements with regional partners is a strategy that could reduce the net radio system costs for the City. Revenue from new sharing agreements would offset the funding requirements from the operating budget. The details and financial information related to any opportunities that appear likely will be brought forward to City Council for consideration and possible approval.</p>
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<b>Version Description</b>	<p>Recommendations as noted in the November 2, 2015 Corporate Radio System Infrastructure Upgrade Council Report (Report #18016), approved via CR209/2015:</p> <p>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.</p> <p>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.</p> <ul style="list-style-type: none"> <li>• Infrastructure upgrade, for a cost of \$1,589,205, plus net taxes</li> <li>• A four-year System Upgrade Agreement with Security Update Service for an annual cost of \$254,777, plus net taxes</li> </ul> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>
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<b>Project Comments/Reference</b>			<b>Version Comments</b>								
7151026  Funding for these projects is from the Corporate Radio Reserve (#198)			As per B19/2015, Report #18085, Council approved a capital infrastructure cost (to be spent in 2016) as follows: Infrastructure Upgrade (CR209/2015): \$1,589,205 Geo-Redundancy (B19/2015): \$1,766,955 Sub-total: \$3,356,160 Net HST: \$ 59,075 Total: \$3,415,235  The work related to the 2016 capital funding will be completed by the end of 2016.								
<b>Project Forecast</b>		<b>Revenue</b>		<b>Project Detailed Forecast</b>							
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
2017	0	0	0	<b>Expenses</b>							
2018	0	0	0	5410	Construction Contracts - TCA						
2019	0	0	0		0	0	0	0	3,000,000	3,000,000	6,000,000
2020	0	0	0	Total	0	0	0	0	3,000,000	3,000,000	6,000,000
2021	3,000,000	3,000,000	0	<b>Revenues</b>							
2022+	3,000,000	3,000,000	0	198	Pay As You Go Corporate Radios Reserve						
	<b>6,000,000</b>	<b>6,000,000</b>	<b>0</b>	Total	0	0	0	0	3,000,000	3,000,000	6,000,000
<b>Historical Approved Budget</b>		<b>Revenue</b>									
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>								
2016	3,415,235	3,415,235	0								
<b>Related Projects</b>			<b>Operating Budget Impact</b>								
			<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>					
			2017-01-01	The radio system upgrade has resulted in a recommendation for a 2017 operating budget increase (2017-0331) as an increased contribution by various departments, into the Corporate Radio system reserve.	930,000	0					
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>				<b>Est. Completion Date</b>				
2016	January 1, 2016	Growth: 0.0 % Maintenance: 0.0 %	Matt Caplin				2022				



# Project Version Summary

<b>Project #</b>	ITC-001-12	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2017	<b>Department</b>	Information Technology
<b>Asset Type</b>	Unassigned	<b>Division</b>	Project Mgmt & Applications
<b>Title</b>	Fire and Rescue Records Management and Computer Aided Dispatch System Initiatives		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description
<p>To implement the following technology at Windsor Fire and Rescue Services (WFRS):</p> <ul style="list-style-type: none"> <li>• Phase 1: A “full feature” fire records management system (fire RMS) that will improve data accessibility and reliability for emergency responders and administrators</li> <li>• Phase 2: An upgraded computer-aided dispatch (CAD) system and other related programs to modernize the technology at WFRS</li> </ul> <p>WFRS has fallen significantly behind all other major Canadian fire agencies in the use of IT for service improvement and enhancement, specifically for creating fire RMS data, making that information available 24/7 on mobile devices, and accessing corporate records. In addition to supplementing operational activities, the above new technologies are needed to provide management decision support, allow for information exchange, and expedite decision-making within WFRS and with senior City management.</p> <p>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.</p> <p>Phase 1 – Fire RMS:</p> <p>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.</p> <p>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.</p> <p>WFRS currently uses a basic fire RMS to manage incident reports, public education events, and staff training details; those activities represent only a fraction of the</p>

Version Description
<p>WFRS requires the full functionality of a fire RMS as well as an upgraded CAD system and associated technology. Due to the size of this project, the intent is to implement it in phases.</p> <ul style="list-style-type: none"> <li>• Phase 1 would consist of the fire RMS and would be implemented in two stages. Stage 1 would include the modules of Personnel, Property, Incidents, Training and Inspections. Stage 2 would address the remaining modules of the fire RMS. Please note: There is some urgency to this phase, and if the funding is approved in 2021, a council report will follow requesting funding be brought forward to 2017 with applicable financing costs included.</li> <li>• Phase 2 would begin in 2022 with the implementation of a new CAD system and the upgrade of related technology.</li> </ul>

functionality of a full fire RMS. The contract for that basic program is due to expire in 2018, so this represents an opportune time to move forward with technology improvements that will enhance WFRS's ability to perform its mandated responsibilities.

WFRS would benefit from a full fire RMS, because that system would do the following:

1. Provide opportunities for better strategic decision-making because of the ease of creating reports that use accurate data.
2. Integrate the data in the various corporate systems used by WFRS currently (e.g. computer-aided dispatch, HRMS, AMANDA) and in the future (e.g. workforce management system, a new CAD used solely by WFRS or one shared with Windsor Police Service) with the result being:
  - a. Improved data integrity
  - b. Facilitated report creation using the data stored in those multiple systems
  - c. Increased productivity through the elimination of the need to manually enter data in a number of programs; instead, users will record the data once in the fire RMS, and that will then distribute the information to the appropriate systems.
3. Offer extra incident management functionality needed to save lives (e.g. quick access to fire safety plans and inspection reports).
4. Provide additional employee management system capabilities (e.g. filling positions with staff who have specialized hazmat training, accommodating scheduling needs not addressed by the new workforce management system).
5. Allow WFRS to continue tracking emergency incidents, public education and staff training (once the contract with the developer of the basic fire RMS currently used for this purpose expires in 2018).
6. Provide a system that can grow according to WFRS's requirements because of the flexible design of a modular fire RMS.
7. Expedite employee cross-training due to the intuitive design and common look-and-feel of the various fire RMS modules. This item is important because of the numerous times WFRS's staff transition to other (temporary) assignments within the department.

Phase 2 – CAD:

A CAD system is an essential tool for emergency services, and the effective use of one can shorten response times and result in reduced damage to health and property. This project is for an upgraded CAD to ensure that WFRS has access to reliable and more current technology that will provide them with the added functionality needed to aid in their lifesaving responsibilities. The replacement of the CAD system includes a mobile software component which will give firefighters fast access to dispatch information and allow the accurate tracking of emergency response data.

**Project Comments/Reference**

**Version Comments**

Project Forecast				Project Detailed Forecast							
		Revenue		GL Account	2017	2018	2019	2020	2021	2022+	Total
Year	Total Expense	Net City Cost	Subsidies								
2017	0	0	0	<b>Expenses</b>							
2018	0	0	0	5411	Construction Contracts-Non TCA						
2019	0	0	0		0	0	0	0	900,000	2,100,000	3,000,000
2020	0	0	0		Total						
2021	900,000	900,000	0		0	0	0	0	900,000	2,100,000	3,000,000
2022+	2,100,000	2,100,000	0	<b>Revenues</b>							
	<b>3,000,000</b>	<b>3,000,000</b>	<b>0</b>	169	Pay As You Go - Capital Reserve						
					0	0	0	0	900,000	2,100,000	3,000,000
					Total						
					0	0	0	0	900,000	2,100,000	3,000,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
<b>Follows</b>	<b>Project Title</b>			2022-01-01	Annual maintenance fee for the new system would be \$87,160 and the current budget is \$66,170				20,990	0	
FRS-002-07	Fire & Rescue Computer-aided Dispatch System (CRISYS) Upgrade			2022-01-01	New System Administrator staff position required upon go-live of fire's RMS Stages 1&2				100,000	1	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2012	January 1, 2021	Growth: 0.0 % Maintenance: 0.0 %		Matt Caplin				2022			



# Project Version Summary

<b>Project #</b>	ITC-002-07	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2017	<b>Department</b>	Information Technology
<b>Asset Type</b>	Unassigned	<b>Division</b>	Technology Infrastructure
<b>Title</b>	Corporate Electronic Storage and Retrieval Systems Upgrades		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>
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.

<b>Version Description</b>
2017: Increase the capacity of the email system to hold large volumes of emails. Complete an RFP to select a new storage platform to phase out older technology over the next several years. Replace the older storage appliances that are now over 5 years old with newer storage technology.
2018: Upgrade and expand the enterprise backup and retrieval system as the current system will be approaching end of life.
2019+: Continue to phase out the older platform with the newer higher capacity better performing technologies.

<b>Project Comments/Reference</b>
7069900

<b>Version Comments</b>

<b>Project Forecast</b>		<b>Revenue</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
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+	300,000	300,000	0
	<b>950,000</b>	<b>950,000</b>	<b>0</b>

<b>Project Detailed Forecast</b>		<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>GL Account</b>								
<b>Expenses</b>								
5411	Construction Contracts-Non TCA							
		100,000	100,000	150,000	150,000	150,000	300,000	950,000
	<b>Total</b>	<b>100,000</b>	<b>100,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>300,000</b>	<b>950,000</b>
<b>Revenues</b>								
160	Capital Expenditure Reserve							
		100,000	100,000	150,000	150,000	150,000	300,000	950,000
	<b>Total</b>	<b>100,000</b>	<b>100,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>300,000</b>	<b>950,000</b>

<b>Historical Approved Budget</b>		<b>Revenue</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
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

Related Projects			Operating Budget Impact									
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date								
2007	January 1, 2007	Growth: 100.0 % Maintenance: 0.0 %	Norm Synnott	Ongoing								
			<table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>Failing to fund the replacement of older storage will result in higher maintenance and repair costs, increase the risk of system failures resulting in lost productivity. Failing to expand the system would also result in the inability to meet regulatory compliance as we would be forced to delete information or potentially lose information assets without the proper backup and recovery capabilities.</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	Effective Date	Description	Exp/(Rev)	FTE Impact	Unknown	Failing to fund the replacement of older storage will result in higher maintenance and repair costs, increase the risk of system failures resulting in lost productivity. Failing to expand the system would also result in the inability to meet regulatory compliance as we would be forced to delete information or potentially lose information assets without the proper backup and recovery capabilities.	0	0	
Effective Date	Description	Exp/(Rev)	FTE Impact									
Unknown	Failing to fund the replacement of older storage will result in higher maintenance and repair costs, increase the risk of system failures resulting in lost productivity. Failing to expand the system would also result in the inability to meet regulatory compliance as we would be forced to delete information or potentially lose information assets without the proper backup and recovery capabilities.	0	0									



## Project Version Summary

<b>Project #</b>	ITC-003-07	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2017	<b>Department</b>	Information Technology
<b>Asset Type</b>	Unassigned	<b>Division</b>	Technology Infrastructure
<b>Title</b>	Information Technology Network Infrastructure Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<p><b>Project Description</b></p> <p>This project is critical to the Corporation's Information Technology (I.T.) Infrastructure. It allows Information Technology (I.T.) to make required improvements to the network and server infrastructure and to maintain expected levels of productivity and security, ensuring information availability to City employees and the public. The budget cuts to date severely impact Information Technology's (I.T.) ability to implement new technologies. As such, planned upgrades to the City wide connectivity will be delayed. These affect productivity, the ability to backup data, and implement new applications and services as well as required phone system upgrades and deployment of centralized administration for security cameras. Newer technologies require faster networks and until the network is upgraded we cannot move forward with these other initiatives. This will result in an infrastructure deficit that could reduce levels of availability and have a significant impact on customer service. In addition to the direct impact on service, delaying this work will also delay planned operational cost savings that are required to meet operating budget targets.</p>	<p><b>Version Description</b></p> <p>Ongoing maintenance of existing systems and deployment of new technologies is critical to maintaining expected levels of service.</p> <p>2017: Continue to expand Wi-Fi deployment. Management tools are now required tools for greater visibility and control of the Wi-Fi network. Continue with installation of a fibre optic cable in coordination with Public Works to improve connectivity to remote sites (currently able to add 1 or 2 sites per year). Improve networking services for remote and mobile users (since Microsoft has announced its end of life for our current solution). Increase connectivity in the network core with 10GB switching. Continuation of server and storage virtualization using new hyper-converged technology to improve performance and reduce administration. These new technologies also improve business continuity to systems like Exchange (email) and other enterprise applications. Perform remote access upgrades and improvement to mobility infrastructure.</p> <p>2018+: Implementation of worldwide adoption of IVP6. Deployment of technologies like encryption, load balancing and intrusion prevention and detection. The replacement of the WLANs (wireless local area networks) may require a large portion of these funds in later years if the PAYG reserve fund cannot adequately cover the replacement costs of the WLANs and if an increase in the PAYG reserve fund does not result.</p>
<p><b>Project Comments/Reference</b></p> <p>7059903</p>	<p><b>Version Comments</b></p>



Project Forecast				Project Detailed Forecast							
		Revenue		GL Account	2017	2018	2019	2020	2021	2022+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses							
2017	100,000	100,000	0	2951	INTERNAL Service Salary Allocn						
2018	200,000	200,000	0		100,000	101,141	101,141	110,000	110,000	110,000	632,282
2019	200,000	200,000	0	5411	Construction Contracts-Non TCA						
2020	230,000	230,000	0		0	98,859	98,859	120,000	140,000	590,000	1,047,718
2021	250,000	250,000	0	<hr/>							
2022+	700,000	700,000	0	Total	100,000	200,000	200,000	230,000	250,000	700,000	1,680,000
	<b>1,680,000</b>	<b>1,680,000</b>	<b>0</b>	Revenues							
Historical Approved Budget				160	Capital Expenditure Reserve						
Year	Total Expense	Net City Cost	Subsidies		100,000	200,000	200,000	230,000	250,000	700,000	1,680,000
2009	200,000	200,000	0	<hr/>							
2010	200,000	200,000	0	Total	100,000	200,000	200,000	230,000	250,000	700,000	1,680,000
2011	200,000	200,000	0	Operating Budget Impact							
2012	200,000	200,000	0	Effective Date	Description	Exp/(Rev)	FTE Impact				
2013	185,000	185,000	0	Unknown	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.	0	0				
2014	215,000	215,000	0	Related Projects							
2015	215,000	215,000	0	Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date			
				2007	January 1, 2007	Growth: 0.0 % Maintenance: 100.0 %	Norm Synnott	Ongoing			



## Project Version Summary

<b>Project #</b>	ITC-005-07	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2017	<b>Department</b>	Information Technology
<b>Asset Type</b>	Unassigned	<b>Division</b>	Technology Infrastructure
<b>Title</b>	Corporate Data & Network Security Initiatives		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>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. The Information Technology Department is requesting additional funding for the addition of one non-union FTE to the permanent fulltime staff complement to focus on IT security and technological tools to better mitigate the risks associated with modern cyber security issues.</p> <p>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:</p> <ol style="list-style-type: none"> <li>1. Threat Proliferation: 2016 saw an unprecedented level of world-wide cyber-attacks against individuals, businesses and government organizations. There is a common understanding in the IT and cyber security fields that these threats will continue to grow at an exponential rate. The motivation for cyber-attacks can be, financial gain, obtaining confidential information, disrupting operations, jeopardizing public safety, or simply causing embarrassment for the targeted organizations and individuals.</li> <li>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 is managing security through shared responsibilities, we do not currently have staff fully dedicated to IT security. The competing priorities of security, operations and projects means there is a gap between the diligence that should be exercised in this area, and what is actually feasible. This gap will continue to grow as the Threat Proliferation and Network Proliferation continues to grow. Having dedicated IT security personnel is a common strategy in many organizations.</li> </ol>	<p>Implementation of risk mitigation strategies as prioritized through the Security Framework Methodology will be conducted from 2017 through 2022 and beyond.</p> <p>2017: Have an external audit of the corporate WiFi network. Develop employee training and awareness around digital security, especially email phishing which is currently a leading method of malware and ransomware attacks. Fund new position to focus on cyber security.</p> <p>2019: Fund cyber security purchase and implementation of cyber security tools; Improved Identity and Authentication Management; Expanded use of Digital Certificates; Data encryption technologies; Continue to improve security for mobile and remote workers (Any device from anywhere access technologies)</p>
Project Comments/Reference	Version Comments
7059901	

Project Forecast				Project Detailed Forecast							
		Revenue		GL Account	2017	2018	2019	2020	2021	2022+	Total
Year	Total Expense	Net City Cost	Subsidies								
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+	896,000	896,000	0								
	<b>1,920,000</b>	<b>1,920,000</b>	<b>0</b>								
Historical Approved Budget											
		Revenue									
Year	Total Expense	Net City Cost	Subsidies								
2008	50,000	50,000	0								
2009	50,000	50,000	0								
2010	50,000	50,000	0								
2011	50,000	50,000	0								
2012	100,000	100,000	0								
2014	175,000	175,000	0								
2015	175,000	175,000	0								
2016	60,000	60,000	0								
Related Projects				Operating Budget Impact							
				Effective Date	Description	Exp/(Rev)	FTE Impact				
				2017-01-01	A new Technical Support Position is being requested in the Operating Budget via 2017-0390 contingent on the acceptance of this requested capital budget increase	120,000	1				
				Unknown	Not funding this project increases the probability of a security breach or embarrassment that could increase operational costs	0	0				
Year Identified	Start Date	Project Type for 2017		Project Lead				Est. Completion Date			
2007	January 1, 2010	Growth: 50.0 % Maintenance: 50.0 %		Steve Francia				Ongoing			



# Project Version Summary

<b>Project #</b>	ITC-006-07	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2017	<b>Department</b>	Information Technology
<b>Asset Type</b>	Unassigned	<b>Division</b>	Technology Infrastructure
<b>Title</b>	Information Technology Disaster Recovery Initiatives		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>
Information Technology moved into a new Data Centre in 2011. Some capital funding is still required for expansion as data and Information Technology (I.T.) requirements continue to grow. In order to reduce the impact to Information Technology (I.T.) operations in the event of a major disaster involving the Data Centre, Information Technology (I.T.) will replicate a portion of the facility to an offsite location. This capital budget is used to reduce the risk of a system breach or exposure of sensitive data, which could impact the operational budget.

<b>Version Description</b>
2017: Explore partnerships with other CWE (Connecting Windsor Essex) partners for Disaster Recovery (DR) synergies. Explore cloud options for Disaster Recovery (DR) or replication of data or services.
2018: Reduce mean time to recover for critical systems using alternate Disaster Recovery (DR) facility or cloud location.
2019+: Continue to scale out the number of systems or services that can be replicated to chosen DR solution

<b>Project Comments/Reference</b>
7074016

<b>Version Comments</b>

<b>Project Forecast</b>		<b>Revenue</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
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
	<b>700,000</b>	<b>700,000</b>	<b>0</b>

<b>Project Detailed Forecast</b>							
<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>
<b>Expenses</b>							
5411	Construction Contracts-Non TCA						
	100,000	150,000	150,000	100,000	100,000	100,000	700,000
	<u>Total</u>	<u>100,000</u>	<u>150,000</u>	<u>150,000</u>	<u>100,000</u>	<u>100,000</u>	<u>700,000</u>
<b>Revenues</b>							
160	Capital Expenditure Reserve						
	100,000	150,000	150,000	100,000	100,000	100,000	700,000
	<u>Total</u>	<u>100,000</u>	<u>150,000</u>	<u>150,000</u>	<u>100,000</u>	<u>100,000</u>	<u>700,000</u>

<b>Historical Approved Budget</b>		<b>Revenue</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
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

<b>Operating Budget Impact</b>			
<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>
Unknown	No Operating Budget Impact	0	0

<b>Related Projects</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>
2007	January 1, 2010	Growth: 50.0 % Maintenance: 50.0 %	Norm Synnott	Ongoing



# Project Version Summary

<b>Project #</b>	ITC-012-07	<b>Service Area</b>	Office of the CFO
<b>Budget Year</b>	2017	<b>Department</b>	Information Technology
<b>Asset Type</b>	Unassigned	<b>Division</b>	Technology Infrastructure
<b>Title</b>	Corporate Telephone System Upgrades/Replacement		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>
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.

<b>Version Description</b>
2017: Continue migration of City Hall system off the old Nortel platform (completion prior to New City Hall build), and Little River Pollution Control. We will be piloting the new Unified Communications technologies on the new platform.
2018+: Systematic replacement of older systems taking advantage of our improved I.T. infrastructure to reduce telecom carrier costs and improve service and reliability.

<b>Project Comments/Reference</b>
7032178

<b>Version Comments</b>

<b>Project Forecast</b>		<b>Revenue</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
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
	<b>1,250,000</b>	<b>1,250,000</b>	<b>0</b>

<b>Project Detailed Forecast</b>							
<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>
<b>Expenses</b>							
5410	Construction Contracts - TCA						
	200,000	200,000	150,000	200,000	200,000	300,000	1,250,000
	<b>Total</b>	<b>200,000</b>	<b>200,000</b>	<b>150,000</b>	<b>200,000</b>	<b>200,000</b>	<b>300,000</b>
<b>Revenues</b>							
160	Capital Expenditure Reserve						
	200,000	200,000	21,000	194,000	0	300,000	915,000
169	Pay As You Go - Capital Reserve						
	0	0	129,000	6,000	200,000	0	335,000
	<b>Total</b>	<b>200,000</b>	<b>200,000</b>	<b>150,000</b>	<b>200,000</b>	<b>200,000</b>	<b>300,000</b>

<b>Historical Approved Budget</b>		<b>Revenue</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2007	100,000	100,000	0
2008	100,000	100,000	0
2009	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

<b>Operating Budget Impact</b>							
<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>				
Unknown	Replacing the older systems and consolidating telecom circuits maintains telecom services and allows for potential future reductions in annual telecom circuit fees.	0	0				

<b>Related Projects</b>

<b>Operating Budget Impact</b>							
<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>				
Unknown	Replacing the older systems and consolidating telecom circuits maintains telecom services and allows for potential future reductions in annual telecom circuit fees.	0	0				

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>
2007	January 1, 2010	Growth: 30.0 % Maintenance: 70.0 %	Todd Kell	Ongoing

# **2017 Recommended Capital Budget**



## **Capital Project Summaries**

**Office of the City Clerk**





# Project Version Summary

<b>Project #</b>	CCS-001-11	<b>Service Area</b>	Office of the City Clerk
<b>Budget Year</b>	2017	<b>Department</b>	Council Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Communications & Cust. Service
<b>Title</b>	311/211 Call Centre Telephone System Upgrades		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>			<b>Version Description</b>																																																																															
This is a placeholder to upgrade telephone and technology within the 211/311 Call Centre when it is required.																																																																																		
<b>Project Comments/Reference</b>			<b>Version Comments</b>																																																																															
			An amount of \$43,451 was transferred from 7032178 (ITC-012-07) (originally transferred from closeout funds, specifically F169, due to 7091018-Relocation of 211/311 Call Centre realizing savings and decreased costs) as per 2009 Year-End Operating Variance Report #14610, Appendix D.																																																																															
<b>Project Forecast</b>			<b>Project Detailed Forecast</b>																																																																															
			<table border="1"> <thead> <tr> <th>GL Account</th> <th>2017</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="8"><b>Expenses</b></td> </tr> <tr> <td>2950 Other Prof Services-External</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>0</td> <td>0</td> <td>200,000</td> <td>0</td> <td>0</td> <td>0</td> <td>200,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>200,000</td> <td>0</td> <td>0</td> <td>0</td> <td>200,000</td> </tr> <tr> <td colspan="8"><b>Revenues</b></td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>0</td> <td>0</td> <td>200,000</td> <td>0</td> <td>0</td> <td>0</td> <td>200,000</td> </tr> <tr> <td>Total</td> <td>0</td> <td>0</td> <td>200,000</td> <td>0</td> <td>0</td> <td>0</td> <td>200,000</td> </tr> </tbody> </table>								GL Account	2017	2018	2019	2020	2021	2022+	Total	<b>Expenses</b>								2950 Other Prof Services-External									0	0	200,000	0	0	0	200,000	Total	0	0	200,000	0	0	0	200,000	<b>Revenues</b>								169 Pay As You Go - Capital Reserve									0	0	200,000	0	0	0	200,000	Total	0	0	200,000	0	0	0	200,000
GL Account	2017	2018	2019	2020	2021	2022+	Total																																																																											
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2950 Other Prof Services-External																																																																																		
	0	0	200,000	0	0	0	200,000																																																																											
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Total	0	0	200,000	0	0	0	200,000																																																																											
<table border="1"> <thead> <tr> <th rowspan="2">Year</th> <th rowspan="2">Total Expense</th> <th colspan="2">Revenue</th> </tr> <tr> <th>Net City Cost</th> <th>Subsidies</th> </tr> </thead> <tbody> <tr> <td>2017</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2018</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2019</td> <td>200,000</td> <td>200,000</td> <td>0</td> </tr> <tr> <td>2020</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2021</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2022+</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td></td> <td><b>200,000</b></td> <td><b>200,000</b></td> <td><b>0</b></td> </tr> </tbody> </table>			Year	Total Expense	Revenue		Net City Cost	Subsidies	2017	0	0	0	2018	0	0	0	2019	200,000	200,000	0	2020	0	0	0	2021	0	0	0	2022+	0	0	0		<b>200,000</b>	<b>200,000</b>	<b>0</b>																																														
Year	Total Expense	Revenue																																																																																
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2017	0	0	0																																																																															
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2020	0	0	0																																																																															
2021	0	0	0																																																																															
2022+	0	0	0																																																																															
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<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>				<b>Est. Completion Date</b>																																																																											
2011	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Alena Slezziak / Norm Synnott				2019 and Beyond																																																																											



# Project Version Summary

<b>Project #</b>	CNS-001-07	<b>Service Area</b>	Office of the City Clerk
<b>Budget Year</b>	2017	<b>Department</b>	Council Services
<b>Asset Type</b>	Unassigned	<b>Division</b>	Council Services Division
<b>Title</b>	Corporate Files and Records Management		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>								
Required for the continuing roll out of the Livelink file management system to various areas within the Public Works Department. Organizing files in a file management system is especially useful for performing reasonable searches for access requests under MFIPPA. Funding will be used for ongoing costs associated with 930 Mercer, off-site records centre, such as transfer of departmental records to the site for documentation and storage, supplies and staffing costs associated with processing the records and approved yearly shredding of Corporate records.				The plan is to roll out this project in phases to all departments within the Corporation, pursuant to s. 253 of the Municipal Act and in conjunction with the Municipal Freedom of Information and Protection of Privacy Act.								
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
7029065												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>		<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>								
2017	50,000	50,000	0	5410	Construction Contracts - TCA							
2018	0	0	0			50,000	0	0	0	0	0	50,000
2019	0	0	0					0	0	0	0	
2020	0	0	0									
2021	0	0	0									
2022+	0	0	0									
	<b>50,000</b>	<b>50,000</b>	<b>0</b>		<b>Total</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>
<b>Historical Approved Budget</b>				<b>Revenues</b>								
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	160	Capital Expenditure Reserve							
2007	75,000	75,000	0			50,000	0	0	0	0	0	50,000
2008	250,000	250,000	0									
2009	375,000	375,000	0									
2010	150,000	150,000	0									
2011	150,000	150,000	0									
2014	50,000	50,000	0									
2015	50,000	50,000	0									
2016	50,000	50,000	0									
<b>Related Projects</b>				<b>Operating Budget Impact</b>								
<b>Precedes</b>	<b>Project Title</b>			<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>		<b>FTE Impact</b>				
HCP-006-07	930 Mercer, Phase II Interior & Exterior Renovations			Unknown	No operating budget impact.	0		0				
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>				

2007	January 1, 2007	Growth: 0.0 % Maintenance: 100.0 %	Chuck Scarpelli	2017
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# Project Version Summary

<b>Project #</b>	HCP-001-07	<b>Service Area</b>	Office of the City Clerk
<b>Budget Year</b>	2017	<b>Department</b>	Human Resources
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Human Resources
<b>Title</b>	Accessibility - ODA Compliance		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
<p>On September 25, 2006, City Council approved CR463/2006 concerning capital project 7035138 in which it confirmed the policy of the City of Windsor to support the removal of barriers for people with disabilities in corporate departments as prioritized by the Windsor Accessibility Advisory Committee. In addition, CR463/2006 approved the allocation of up to \$50,000 annually for the removal of non-constructive barriers to access the services and facilities by people with disabilities.</p>				<p>The Ministry of Community and Social Services is currently developing a new Accessibility Standard for the Built Environment. Once completed, this standard will replace the current FADS and become the provincial standard that our facilities will be required to meet. All corporate facilities will then need to be audited for compliance with the new standard and the capital budget amended to fund the correction of the identified deficiencies.</p>												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7035138 closed/7086008																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>														
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>					
2017	0	0	0	<b>Expenses</b>												
2018	0	0	0	5410	Construction Contracts - TCA											
2019	0	0	0		0	0	0	100,000	100,000	100,000	300,000					
2020	100,000	100,000	0	Total	0	0	0	100,000	100,000	100,000	300,000					
2021	100,000	100,000	0	<b>Revenues</b>												
2022+	100,000	100,000	0	160	Capital Expenditure Reserve											
	<b>300,000</b>	<b>300,000</b>	<b>0</b>	Total	0	0	0	100,000	100,000	100,000	300,000					
<b>Historical Approved Budget</b>																
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2007	100,000	100,000	0													
2008	100,000	100,000	0													
2009	300,000	300,000	0													
2010	300,000	300,000	0													
2014	100,000	100,000	0													
2015	100,000	100,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>									
				Unknown	The lack of capital funding would result in deferral of repairs, further deterioration of the asset and increase the likelihood of overexpenditure in the operating budget.	0	0									
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>												

2007	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %	Gayle Jones	Ongoing
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## Project Version Summary

<b>Project #</b>	HRS-002-09	<b>Service Area</b>	Office of the City Clerk
<b>Budget Year</b>	2017	<b>Department</b>	Human Resources
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Human Resources
<b>Title</b>	Accessibility - AODA Standard Training, Materials and Outreach		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

### Project Description

Under the Accessibility for Ontarians with Disabilities Act 2005 (AODA) and its regulation, there are a number of legislated requirements that municipalities are required to implement/comply with.

Municipalities must file accessible reports with the Ministry showing that legislated requirements are met for each of the Standards. All of our reports have been filed as required every 2 years with our last filing in December 2015 and the next one due December 2017.

### Version Description

Customer Service Standard - Municipalities had to comply with the Customer Service Standard Regulation by January 2010. The compliance requirements included developing, documenting and adherence to specific policies, procedures and practices on providing goods and services to persons with disabilities and providing training to all who interact with the public or third parties on the municipality's behalf. Additionally the City has to address customer feedback requests tied to the Accessible Customer Services Standards on an ongoing basis.

After a recent legislative review, as of July 1, 2016 all accessibility standards — including the accessible customer service standard — are now part of one regulation: the Integrated Accessibility Standards Regulation. Some new requirements, including expanded training requirements, must now be implemented by corporations.

The Integrated Accessibility Standards (includes Accessible Information and Communication, Employment, Transportation and Built Environment Standard pertaining to the design of Public Spaces and Customer Service) involves staggered timelines. In addition to the substantive requirements to eliminate barriers for our customers and employees there are also requirements regarding training and documenting required policies and procedures and plans. Additionally the City will also address customer and employee feedback requests tied to the Integrated Accessibility Standards on an ongoing basis.

Project Comments/Reference	Version Comments
<p data-bbox="100 115 197 139">7091017</p> <p data-bbox="100 167 936 367">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 data-bbox="100 394 940 570">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 data-bbox="100 597 940 748">Changes to the Customer Service Standard under the Accessibility for Ontarians with Disabilities Act , 2005, S.O. 2005, c. 11 ("AODA") will come into force on July 1, 2016 and will apply to all organizations providing goods, services or facilities in the province. All accessibility standards — including the accessible customer service standard — are now part of one regulation: the Integrated Accessibility Standards Regulation (O. Reg. 191/11).</p> <p data-bbox="100 776 926 894">The additional funds after 2016 will be necessary to allow for additional training as well as compliance with the Information and Communication standard and also to address customer and employee feedback requests tied to both the Integrated Accessibility Standards and the Accessible Customer service Standards under the AODA.</p>	<p data-bbox="968 115 1986 215">This is an ongoing project regarding the implementation of legislated accessibility standards under the Accessibility for Ontarians with Disabilities Act. The project is scheduled to close at the end of 2021 based upon the current legislated timelines. Future requests are made based upon the amount that are currently available in the fund.</p>

Project Forecast				Project Detailed Forecast							
		Revenue		GL Account	2017	2018	2019	2020	2021	2022+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses							
2017	51,500	51,500	0	2070	Imaging & Printing External						
2018	0	0	0			2,500	0	7,000	0	0	9,500
2019	0	0	0	2180	Program Supplies						
2020	74,500	74,500	0			1,250	0	1,750	0	0	3,000
2021	0	0	0	2360	Promotional Material & Product						
2022+	0	0	0			6,250	0	18,750	0	0	25,000
	<b>126,000</b>	<b>126,000</b>	<b>0</b>	2610	Travel Expense						
						0	0	2,000	0	0	2,000
<b>Historical Approved Budget</b>											
Year	Total Expense	Net City Cost	Subsidies	2940	Advertising						
2009	100,000	100,000	0			5,500	0	23,250	0	0	28,750
2013	32,000	32,000	0	4050	Training Courses						
2014	52,000	52,000	0			18,750	0	6,250	0	0	25,000
				4295	Public Relations						
						3,750	0	15,500	0	0	19,250
				5130	Furniture & Furnishings						
						13,500	0	0	0	0	13,500
					Total	51,500	0	74,500	0	0	126,000
				<b>Revenues</b>							
				169	Pay As You Go - Capital Reserve						
						51,500	0	74,500	0	0	126,000
					Total	51,500	0	74,500	0	0	126,000
<b>Related Projects</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	No operating budget impact.			0	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2009	January 2, 2017	Growth: 36.4 % Maintenance: 63.6 %		Gayle Jones				Ongoing			





## Project Version Summary

<b>Project #</b>	HRS-002-11	<b>Service Area</b>	Office of the City Clerk
<b>Budget Year</b>	2017	<b>Department</b>	Human Resources
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Human Resources
<b>Title</b>	Corporate Employee Online Training Programs		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>This capital project will create online learning programs for courses currently offered by Human Resources Health &amp; Safety Advisors, which includes the Fuelling/Refuelling, Commercial Motor Vehicle Inspection, Noise training and other non hands-on training components. In 2011 the Corporate Employee Safety Orientation Program (CESO) was converted to online format. The online CESO format was made available to new hires in July of 2012 and to all staff as of January 2013. The CESO program includes the following training programs: WHMIS; Orientation to Health and Safety Legislation, including the Duties and Responsibilities of specific workplaces parties, i.e. the Employer, Supervisor and Workers as well as the Right to Refuse work legislation and the requirement to report accidents and injuries under WSIB legislation; ladder safety; fire extinguisher use; the corporate Respectful Workplace Program, which includes instruction on workplace violence and harassment, human rights, standards of employee deportment and conflict of interest; and back care and injury prevention programming.</p> <p>The CESO Online program was developed by the provider in a format that cannot be altered (Flash). In 2014, Human Resources purchased the Adobe Captivate software to provide the ability to reformat and update both the CESO and New Employee Orientation Online programs.</p>	<p>In 2014 the two existing Vehicle Fuelling programs were converted to one online format training program. The requirement to provide training on safe fuel dispensing and emergency spill processes is regulated by the Technical Standards Safety Association (TSSA). In order to meet these requirements an online program is now being provided to corporate staff. The program is designed to acquaint workers with the hazards of handling and dispensing gasoline and diesel fuel, the steps required in the event of a fuel spill and an overview of how to use the fuel dispensing system at corporate fueling sites. The TSSA requires that all workers who dispense fuel receive training on fuel safety on a five-year renewal basis.</p> <p>With the successful completion of the Vehicle Fuelling Program and the updating of the New Employee Orientation Video to reflect the new Mayor &amp; Council information, the current CESO – Day 1 program will be converted into a more user friendly format.</p> <p>Additionally, in 2016, our Asbestos Awareness Training program was converted and implemented in an on line format, utilizing the updated format. Working With Asbestos will not be converted to an online version given the requirements for hands on training.</p> <p>The next programming to be created in online format is CESO – Day 2.</p> <p>Day 2 of the CESO online training program has specific content for our drivers as well as other mandatory components. The specific content of Day 2 of CESO is: Commercial Vehicle Pre-Trip Inspection, Traffic Control Roadway Operation, Corporate Equipment Safety Program, Hours of Services and Noise training. Additional mandatory training due for conversion is Asbestos Awareness.</p>
Project Comments/Reference	Version Comments
7125000	<p>A number of challenges have occurred with our original provider for on-line training as well as the delivery of training to our staff was not compatible with our current systems. Having had success with our new provider who converted our Gas/Diesel Fuelling Program, this provider has been engaged to begin converting the basic mandatory health and safety programs contained in our CESO program. In 2016, our Ladder Safety and Fire Extinguisher programs have been converted into user friendly on-line training programs. In 2017 we will continue to work towards the conversion of the remaining component programs of our CESO Day 1 and 2 Program. Moving forward we will work towards the conversion of other mandatory health and safety training programs, and specifically Noise, Hours of Service, Commercial Vehicle Pre-Trip Inspection, and Traffic Roadway Operations. These programs are suited to on-line learning as none have requirements for hands-on interaction with a facilitator and thereby freeing up our Occupational Health and Safety Advisors to devote their time and skills to compliance monitoring and assessments while providing training in a readily accessible format for our workforce.</p>

Project Forecast				Project Detailed Forecast							
		Revenue		GL Account	2017	2018	2019	2020	2021	2022+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses							
2017	0	0	0	2950	Other Prof Services-External						
2018	0	0	0		0	0	0	0	20,000	0	20,000
2019	0	0	0		0	0	0	0	20,000	0	20,000
2020	0	0	0		0	0	0	0	20,000	0	20,000
2021	20,000	20,000	0		0	0	0	0	20,000	0	20,000
2022+	0	0	0		0	0	0	0	20,000	0	20,000
	<b>20,000</b>	<b>20,000</b>	<b>0</b>								
Historical Approved Budget				Operating Budget Impact							
		Revenue		Effective Date	Description	Exp/(Rev)	FTE Impact				
Year	Total Expense	Net City Cost	Subsidies	Unknown	Annual maintenance of the online learning programs	0	0				
2012	20,000	20,000	0	Unknown	Operational efficiencies achieved with creating Online Learning Programs include the following: The Health and Safety Advisors are not spending their time teaching in classrooms and are out in departments addressing concerns, working with managers on a proactive basis as it relates to safety; employees have the flexibility of taking the online courses according to their schedule and there is no concern with employees getting to or from the training thus removing the reliance on physical attendance; the Corporation does not need to be concerned with scheduling, overtime or replacement costs as the online training is available at all times; the message and content is consistently delivered; and if an employee does not understand the contents of the course, one can re-take the course as often as they feel comfortable with the information.	0	0				
2013	20,000	20,000	0								
2014	20,000	20,000	0								
2016	20,000	20,000	0								
Related Projects				Year Identified							
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date							
2011	January 1, 2016	Growth: 0.0 % Maintenance: 0.0 %	Vincenza Mihalo	2020							



## Project Version Summary

<b>Project #</b>	HRS-002-17	<b>Service Area</b>	Office of the City Clerk
<b>Budget Year</b>	2017	<b>Department</b>	Human Resources
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Human Resources
<b>Title</b>	Corporate Ergonomic Equipment		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

### Project Description

In order to move into a more proactive approach towards ergonomics, in 2016 Human Resources, with the endorsement of the Chief Administrative Officer, the Corporate Leadership Team and City Council, moved away from the third party contracted service for the completion of ergonomic assessments and wellness programming to the establishment of an in-house ergonomist and wellness specialist. In the years leading up to this change in service delivery from 2011 through 2015, the cost of the provision of ergonomic assessments to our departments from an external provider, including both occupational and non-occupational injury claims has ranged from a low point in 2012 of \$29,899.95 to the highest level in 2011 of \$ 56,918.79 broken down as follows:

#### Ergonomic Assessment Costs

Year	Non-Occupational	WSIB	Total Ergonomic Costs
2011:	\$18,294.48	\$38,624.31	\$56,918.79
2012:	\$10,797.18	\$19,102.77	\$29,899.95
2013:	\$32,473.44	\$21,528.88	\$54,002.32
2014:	\$19,289.10	\$11,136.35	\$30,425.45
2015:	\$30,219.77	\$17,865.30	\$48,085.07

Given the approval to bring on board our Ergonomist and Wellness Specialist, who conducts Ergonomic Assessments, the above noted costs are no longer charged back to the departments, alleviating the departments from absorbing this cost.

As part of our proactive approach and ongoing commitment to our employees well being, inclusive of cost reductions, a Musculoskeletal Prevention Program is being recommended to address ergonomic issues arising from Ministry of Labour orders, WSIB Claims, new work processes, legislative changes and requirements for the Corporation. With approved funding to purchase needed equipment, this project will be designed to implement a robust Musculoskeletal Prevention Program which once established, will enable us to move towards continuous improvement by funding opportunities that may arise to gain insight on new ergonomic research, initiatives and leading technologies being made available.

The enforcement of ergonomics by the Ministry of Labour has typically been under the general duty clause of Section 25(2)(h) and Section 25 (2)(d), employers' duty to acquaint their workers with hazards of the Occupational Health and Safety Act (OHS). In addition, orders are issued under various related regulatory requirements, such as safe handling of materials under the Industrial Establishments Section 45 and provision of adequate lighting under Section 21.

### Version Description

- We foresee using the funds in this request to cover such expenses as:
- Purchase of ergonomic software
  - Purchase of various measuring tools used to assess risk of ergonomic injuries
  - Provide for any calibration that may be required of the measuring tools based on usage

<b>Project Comments/Reference</b>			<b>Version Comments</b>																																							
<p>This project represents the Corporation's ongoing commitment to ensure the Corporation's health &amp; safety standards and plans are functioning properly. By implementing a robust Musculoskeletal Prevention Program, actions can be taken to proactively work towards reducing workplace injury risk. In the long run, assist with not only lowering our health care costs, but can also assist with reducing worker's compensation claim costs and long term and short term disability rates. Program implementation steps require us to purchase appropriate equipment/tools that we do not currently have to properly assess ergonomic hazards along with the required maintenance of these items. Once ergonomic assessments are completed, required changes, implementations and standards must be accommodated which comes at a cost. This can include upgrading current workstations to provide same equipment standards for all workers to meet compliance and addressing environmental issues such as lighting etc. However, the cost of purchasing equipment for our employees lowers our WSIB claims, STD and LTD costs, lowers our attendance claims and provides for higher productivity.</p>			<p>As we move forward with the implementation of our Musculoskeletal Prevention Program, we anticipate that we will be able to detail specific aspects of this program. The request of \$15,000 will assist with the purchasing of the software and appropriate tools to complete our ergonomic assessments in house, inclusive of the calibration of these tools as required. In addition, \$5,000 per year is requested as ongoing costs related to replacing tools and calibration of these tools.</p> <p>The hazards that can cause musculoskeletal concerns are usually associated with the physical demands of work activities. For example, employees may injure themselves by:</p> <ul style="list-style-type: none"> <li>• Lifting or pushing loads that require excessive force;</li> <li>• Reaching or bending in an awkward posture;</li> <li>• Holding the same position for a long time; or</li> <li>• Repeating the same movements over and over with little chance for rest or recovery.</li> </ul> <p>Through the application of ergonomics principles, to be implemented within our Musculoskeletal Prevention Program the risk of injury posed by such hazards can be eliminated or reduced. This program will include the following aspects:</p> <ul style="list-style-type: none"> <li>• an implementation plan;</li> <li>• a hazard identification and assessment methodology;</li> <li>• hazard identification and assessment;</li> <li>• preventive measures;</li> <li>• employee education; and</li> <li>• a program evaluation.</li> </ul> <p>Within a Musculoskeletal Prevention Program, our Ergonomist and Wellness Specialist will work together with our Health &amp; Safety Advisor and Disability Management Specialists, to provide an overall Prevention, Accommodation and Accident/Incident Reduction Plan for our employees resulting in a robust and well round Health, Safety and Wellness Program.</p>																																							
<b>Project Forecast</b>			<b>Project Detailed Forecast</b>																																							
	<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>																																
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>																																							
2017	0	0	0																																							
2018	0	0	0																																							
2019	0	0	0																																							
2020	0	0	0																																							
2021	0	0	0																																							
2022+	35,000	35,000	0																																							
	<b>35,000</b>	<b>35,000</b>	<b>0</b>																																							
<b>Historical Approved Budget</b>			<p><b>Expenses</b></p> <p>5110 Machinery &amp; Equipment - TCA</p> <table border="1"> <tr> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>35,000</td> <td>35,000</td> </tr> <tr> <td><b>Total</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>35,000</b></td> <td><b>35,000</b></td> </tr> </table> <p><b>Revenues</b></p> <p>169 Pay As You Go - Capital Reserve</p> <table border="1"> <tr> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>35,000</td> <td>35,000</td> </tr> <tr> <td><b>Total</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>0</b></td> <td><b>35,000</b></td> <td><b>35,000</b></td> </tr> </table>									0	0	0	0	0	35,000	35,000	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>35,000</b>	<b>35,000</b>		0	0	0	0	0	35,000	35,000	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>35,000</b>	<b>35,000</b>
	0	0	0	0	0	35,000	35,000																																			
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>35,000</b>	<b>35,000</b>																																			
	0	0	0	0	0	35,000	35,000																																			
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>35,000</b>	<b>35,000</b>																																			
<b>Related Projects</b>			<b>Operating Budget Impact</b>																																							
			<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>			<b>FTE Impact</b>																																		
			Unknown	No operating budget impact.	0			0																																		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>				<b>Est. Completion Date</b>																																			
2017	January 1, 2017	Growth: 0.0 % Maintenance: 0.0 %	Julie Ryckman				Ongoing																																			



## Project Version Summary

<b>Project #</b>	HRS-002-08	<b>Service Area</b>	Office of the City Clerk
<b>Budget Year</b>	2017	<b>Department</b>	Human Resources
<b>Asset Type</b>	Unassigned	<b>Division</b>	Organizational Develop & OH&S
<b>Title</b>	Corporate Health and Safety Program - Assessments and Upgrades		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<p><b>Project Description</b></p> <p>This project was created to fund health and safety issues arising from Ministry of Labour orders, new work processes, legislative changes and requirements for the Corporation. Over the past several years, the Ministry of Labour and the Workplace Safety and Insurance Board have been much more proactive with companies who don't measure up to health &amp; 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 &amp; safety records. Accordingly, the Ministry of Labour has hired and trained hundreds of new health &amp; 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 &amp; safety.</p> <p>Since March 31, 2004, new occupational health &amp; safety duties and criminal liabilities have been added to the Criminal Code (in Bill C-45) that affect both individuals and organizations in Canada. For the first time, both individuals and organizations (including directors, executives and managers) are under an increased obligation to take reasonable steps to protect workers and the public; they must ensure accountability for a safe work environment or the Corporation faces a heightened risk of additional orders, fines and penalties.</p>	<p><b>Version Description</b></p> <p>The following are the types of health and safety issues which are commonly in need of addressing but without dedicated funding:</p> <ul style="list-style-type: none"> <li>- assessments of indoor air quality concerns (i.e. humidity, confirmation of compliance on exposure limits), average cost \$1,500 per assessment</li> <li>- industrial hygiene assessments for the presence of mould, average cost \$1,700 per assessment</li> <li>- engineering assessments for implementing engineering controls (i.e. retrofitting current equipment and developing specifications for purchases of new equipment)</li> <li>- ensure the standards for asbestos is tested, maintained and adhered to as per legislative requirements, Ontario regulation 278/05 of the Occupational Health and Safety Act</li> <li>- upgrading worksites and/or equipment for ergonomic hazards (i.e. upgrading current work stations to provide same equipment standards for all workers/meet compliance, addressing issues of lighting, etc.)</li> <li>- ensuring compliance on recommendations from joint health and safety committees</li> </ul>
<p><b>Project Comments/Reference</b></p> <p>(Closed: 7091019 - Project funding of \$100,000 approved in 2009) Active: 7081015</p> <p>This project represents the Corporation's ongoing commitment to ensure the Corporation's health &amp; 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.</p>	<p><b>Version Comments</b></p> <p>In 2012 a project was undertaken through an RFP process for the conducting of asbestos surveys and designated substance assessments over a 5 year period. Initially, 29 corporately-owned sites were prioritized making up the majority of the primary sites where our employees work. Having completed surveying of the 29 sites originally prioritized, we are moving on to complete surveys for the remaining sites which our employees attend, possibly on a less frequent basis; sites which may have only partial surveys; and newly acquired properties. Since 2012 the Corporation has expanded to include Transit Windsor, Windsor Airport and the Windsor Public Library wherein Asbestos Surveys were either not completed or required updating. As of January 2016 the Corporation owns 230 properties. The cost of an individual site survey varies depending on such factors as the total square footage, number of renovations and year of build. In 2016, surveys are being completed for 22 of the 46 pumping stations operated by Pollution Control. In 2017 we are requesting over and above the \$10,000 per year for this project in order to prioritize a comprehensive survey of the Lou Romano Reclamation Plant, completion of surveys for 22 pumping stations and an initial survey for the Transit Windsor site located on the North Service Road. The estimate for the Pollution Control and Transit Windsor sites totals \$37,250. The \$10,000 allotted annually for this project plus, an additional \$27,250, is requested to complete this work. With completion of these surveys, based on 2016 ownership, 71 properties remain in need of surveying beyond 2017.</p>

Project Forecast				Project Detailed Forecast							
		Revenue		GL Account	2017	2018	2019	2020	2021	2022+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses							
2017	10,000	10,000	0	2220	Maintenance Parts & Materials						
2018	10,000	10,000	0		10,000	10,000	10,000	10,000	10,000	117,250	167,250
2019	10,000	10,000	0		Total						
2020	10,000	10,000	0		10,000	10,000	10,000	10,000	10,000	117,250	167,250
2021	10,000	10,000	0	Revenues							
2022+	117,250	117,250	0	160	Capital Expenditure Reserve						
	<b>167,250</b>	<b>167,250</b>	<b>0</b>		0	10,000	10,000	0	0	0	20,000
Historical Approved Budget				Revenues							
Year	Total Expense	Net City Cost	Subsidies	169	Pay As You Go - Capital Reserve						
2008	25,000	25,000	0		10,000	0	0	10,000	10,000	117,250	147,250
2009	100,000	100,000	0		Total						
2012	25,000	25,000	0		10,000	10,000	10,000	10,000	10,000	117,250	167,250
2013	10,000	0	10,000								
2014	10,000	10,000	0								
2015	10,000	10,000	0								
2016	10,000	10,000	0								
Related Projects				Operating Budget Impact							
				Effective Date	Description	Exp/(Rev)		FTE Impact			
				Unknown	No operating budget impact.	0		0			
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date							
2008	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Julie Ryckman	Ongoing							



# Project Version Summary

<b>Project #</b>	WPL-001-14	<b>Service Area</b>	Office of the City Clerk
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Public Library
<b>Asset Type</b>	Unassigned	<b>Division</b>	Library
<b>Title</b>	Windsor Public Library Mobile Unit/Materials Acquisition		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	Ward 1, Ward 7, Ward 9		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
<p>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 &amp; 9 - the wards which have experienced significant residential growth. It would be our intention to have Outreach Staff use this mobile unit and materials to provide service and programming.</p>				<p>The funds have been designated to purchase library books/videos and e-resources to serve areas with significant residential growth (i.e. Wards 1/7/9) thereby reducing the need for more library facilities. The proposed plan going forward beginning in year 2020 is to use \$150,000 from Development Charges annually to support library collections and outreach in areas where a public library is not easily accessible. There will be no operating impact. The plan is to free up some time for a Librarian or two, and assign them to the Outreach areas in order to implement this initiative.</p>												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7145000				Governance Model as per CR243/2013, R#16861.												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>														
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>					
2017	100,000	100,000	0	<b>Expenses</b>												
2018	175,000	175,000	0	2180	Program Supplies											
2019	175,000	175,000	0		100,000	175,000	175,000	150,000	150,000	0	750,000					
2020	150,000	150,000	0		Total	100,000	175,000	175,000	150,000	150,000	0	750,000				
2021	150,000	150,000	0	<b>Revenues</b>												
2022+	0	0	0	122	Dev Chg - Library											
	<b>750,000</b>	<b>750,000</b>	<b>0</b>		100,000	175,000	175,000	150,000	150,000	0	750,000					
					Total	100,000	175,000	175,000	150,000	150,000	0	750,000				
<b>Historical Approved Budget</b>																
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2014	100,000	100,000	0													
2015	100,000	100,000	0													
2016	100,000	100,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>					
				Unknown	No Operating Budget Impact					0	0					
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>								
2014	January 1, 2014	Growth: 100.0 % Maintenance: 0.0 %		Kitty Pope				Ongoing								



# Project Version Summary

<b>Project #</b>	WPL-001-17	<b>Service Area</b>	Office of the City Clerk
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Public Library
<b>Asset Type</b>	Unassigned	<b>Division</b>	Library
<b>Title</b>	Riverside and Seminole Branch Refurbishments		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 3, Ward 5		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<p>Libraries get significant "wear and tear" from repeated public usage and require regular refurbishment, such as painting, new customer seating, children's seating and study surfaces every 8 to 10 years to protect the capital investment and assure sustainability.</p> <p>Riverside Branch was opened in 1995 - half of the shelving was replaced in 2016 and the remaining shelving needs will be replaced in 2022 at a cost of \$69,192. This branch is also in need of 30 computer chairs and 6 lounge chairs at an estimated cost of \$19,988. WPL would like to request funds to refurbish this branch in 2022 for a total estimated cost of \$89,180.</p> <p>The Seminole Branch was built in 1953 and was closed for 5 months in 2000 for some major renovations. During 2015 there were a few updates to the furniture by way of the bequest received by WPL. However, this branch is in need of shelving to improve sight lines at a cost of \$19,700; 6 computer chairs at a cost of \$2,310 and 3 lounges at a cost of \$3,834. WPL would like to request funds to refurbish the Seminole branch in 2021 for a total cost of \$25,844.</p>				<p>2021 - Seminole Branch estimated costs for refurbishments - \$25,844                  2022 - Riverside Branch estimated costs for refurbishments - \$89,180</p>							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5410 Construction Contracts - TCA					25,844	89,180	115,024
2018	0	0	0		0	0	0	0	25,844	89,180	115,024
2019	0	0	0	<b>Total</b>	0	0	0	0	25,844	89,180	115,024
2020	0	0	0	<b>Revenues</b>							
2021	25,844	25,844	0	169 Pay As You Go - Capital Reserve			0	0	25,844	89,180	115,024
2022+	89,180	89,180	0	<b>Total</b>	0	0	0	0	25,844	89,180	115,024
	<b>115,024</b>	<b>115,024</b>	<b>0</b>								
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	No Operating Budget Impact			0	0		



<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>
2017	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %	Nancy Peel & Adam Craig	2019



# Project Version Summary

<b>Project #</b>	WPL-004-11	<b>Service Area</b>	Office of the City Clerk
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Public Library
<b>Asset Type</b>	Unassigned	<b>Division</b>	Library
<b>Title</b>	Windsor Public Library Materials Automation Systems Upgrades		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>			<b>Version Description</b>																																																																																																																															
The Windsor Public Library collection contains approximately 600,000 items for circulation and reference. Our current materials automation systems have not changed in over 10 years and are badly outdated. These systems also help protect against theft allowing the Library to use funds to buy new materials rather than replace existing ones ensuring the Library delivers access to the widest collection possible.			The WPL uses the SIRSI Dynix Integrated Library System to record and enable access to over 600,000 resources. This Integrated Library System also handles the purchasing process for the resources as well as allowing access to the patrons as a cataloguing system.																																																																																																																															
<b>Project Comments/Reference</b>			<b>Version Comments</b>																																																																																																																															
			This on-line system was last upgraded in 2001. By 2019 the system will no longer be supported and will need to be replaced.																																																																																																																															
<b>Project Forecast</b>			<b>Project Detailed Forecast</b>																																																																																																																															
			<table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="2">Revenue</th> <th colspan="2"></th> <th colspan="2"></th> <th colspan="2"></th> <th colspan="2"></th> </tr> <tr> <th>Year</th> <th>Total Expense</th> <th>Net City Cost</th> <th>Subsidies</th> <th>GL Account</th> <th>2017</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>2017</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="8"><b>Expenses</b></td> </tr> <tr> <td>2018</td> <td>0</td> <td>0</td> <td>0</td> <td>5126</td> <td colspan="7">Computer Software</td> </tr> <tr> <td>2019</td> <td>1,050,000</td> <td>1,050,000</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>1,050,000</td> <td>0</td> <td>0</td> <td>0</td> <td>1,050,000</td> </tr> <tr> <td>2020</td> <td>0</td> <td>0</td> <td>0</td> <td>Total</td> <td>0</td> <td>0</td> <td>1,050,000</td> <td>0</td> <td>0</td> <td>0</td> <td>1,050,000</td> </tr> <tr> <td>2021</td> <td>0</td> <td>0</td> <td>0</td> <td colspan="8"><b>Revenues</b></td> </tr> <tr> <td>2022+</td> <td>0</td> <td>0</td> <td>0</td> <td>169</td> <td colspan="7">Pay As You Go - Capital Reserve</td> </tr> <tr> <td></td> <td><b>1,050,000</b></td> <td><b>1,050,000</b></td> <td><b>0</b></td> <td></td> <td>0</td> <td>0</td> <td>1,050,000</td> <td>0</td> <td>0</td> <td>0</td> <td>1,050,000</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Total</td> <td>0</td> <td>0</td> <td>1,050,000</td> <td>0</td> <td>0</td> <td>0</td> <td>1,050,000</td> </tr> </tbody> </table>										Revenue										Year	Total Expense	Net City Cost	Subsidies	GL Account	2017	2018	2019	2020	2021	2022+	Total	2017	0	0	0	<b>Expenses</b>								2018	0	0	0	5126	Computer Software							2019	1,050,000	1,050,000	0		0	0	1,050,000	0	0	0	1,050,000	2020	0	0	0	Total	0	0	1,050,000	0	0	0	1,050,000	2021	0	0	0	<b>Revenues</b>								2022+	0	0	0	169	Pay As You Go - Capital Reserve								<b>1,050,000</b>	<b>1,050,000</b>	<b>0</b>		0	0	1,050,000	0	0	0	1,050,000					Total	0	0	1,050,000	0	0	0	1,050,000
		Revenue																																																																																																																																
Year	Total Expense	Net City Cost	Subsidies	GL Account	2017	2018	2019	2020	2021	2022+	Total																																																																																																																							
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2019	1,050,000	1,050,000	0		0	0	1,050,000	0	0	0	1,050,000																																																																																																																							
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				Total	0	0	1,050,000	0	0	0	1,050,000																																																																																																																							
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2011	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Earl Larking/Kitty Pope				2019 & Beyond																																																																																																																											



# Project Version Summary

<b>Project #</b>	WPL-009-11	<b>Service Area</b>	Office of the City Clerk
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Public Library
<b>Asset Type</b>	Unassigned	<b>Division</b>	Library
<b>Title</b>	Windsor Public Library Facility Refurbishments		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
<p>There is a need for ongoing upgrades to facilities of Windsor Public Libraries. All locations need shelving for new formats (DVDs), to provide protection for them from theft and reduce workload issues. All branches need periodic repainting and replacement furniture for customer seating to provide a safe and attractive environment for the public. The Forest Glade branch has not been substantially renovated since 1988. The Bridgeview branch has not been refurbished since opening in 2002. Fontainebleau Branch was opened in 2005 and has not had any upgrades since opening. WPL would like to request funds to refurbish this branch in 2020 for an estimated cost of \$45,500. These funds will be used to purchase movable print and DVD shelving, Wi-Fi area and renovate service counters.</p>				<p>2016 - Riverside Branch/Shelving all facilities - \$68,900                  2017 - Estimated costs for refurbishment - \$46,200                      Forest Glade: \$24,700                      Bridgeview: \$21,500                  2021 - Fontainebleau \$45,500 (to purchase movable print and DVD shelving, Wi-Fi area and renovate service counters)</p>											
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
7165001				Governance Model as per CR243/2013, R#16861											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		<b>Revenue</b>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>				
2017	46,200	46,200	0	<b>Expenses</b>											
2018	0	0	0	5130	Furniture & Furnishings										
2019	0	0	0		46,200	0	0	0	45,500	0	91,700				
2020	0	0	0		Total	46,200	0	0	45,500	0	91,700				
2021	45,500	45,500	0	<b>Revenues</b>											
2022+	0	0	0	169	Pay As You Go - Capital Reserve										
	<b>91,700</b>	<b>91,700</b>	<b>0</b>		46,200	0	0	0	45,500	0	91,700				
					Total	46,200	0	0	45,500	0	91,700				
<b>Historical Approved Budget</b>															
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>												
2016	68,900	68,900	0												
<b>Related Projects</b>				<b>Operating Budget Impact</b>											
				<u>Effective Date</u>	<u>Description</u>	<u>Exp/(Rev)</u>	<u>FTE Impact</u>								
				Unknown	No Operating Budget Impact	0	0								
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>							
2011	January 1, 2016	Growth: 0.0 % Maintenance: 100.0 %		Nancy Peel				2017							

# **2017 Recommended Capital Budget**



## **Capital Project Summaries**

**Office of the City Engineer**



# Project Version Summary

<b>Project #</b>	ECP-001-13	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Development, Projects & Right of Way
<b>Title</b>	New Fire Hall Station #6 & Emergency Operations Centre (EOC)		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 9		
<b>Version Name</b>	Main (Active)		

<p><b>Project Description</b></p> <p>CR391/2016, Report C116/2016 awarded the tender to Loaring Construction, approved \$267,823 in additional funding, and revised the total budget for the project at \$6,787,823.</p> <p>Also, CR131/2014, Report #17162 approved \$2,571,933 from Pay-As-You-Go (F169) as a placeholder for Station #8, which was subsequently renamed to Station #6. Funds are obtained by swapping of funding sources due to increased Federal Gas Tax allocation in the new 2014-2018 agreement with Association of Municipalities of Ontario (AMO).</p> <p>Further, CR242/2014, R#17376 approved the Implementation Plan - Station #6 relocation and inclusion of the Emergency Operations Centre (EOC) within the facility.</p> <p>Construction is underway.</p>	<p><b>Version Description</b></p> <p>Overall budget for the construction and design is:</p> <p>CR391/2016 - Transfer of \$25,490 from Emergency Preparedness Plan project (7029030) - \$242,333 in anticipated proceeds from sale of surplus lands</p> <p>CR131/2014 - \$2,571,936 amounts below 2016-2018 (\$25,872 already allocated in both 2014 and 2015)</p> <p>CR242/2014 - Pre-Commitment to 2015 5-year plan Capital budget - \$2,448,064 funded by Debt Reduction Levy (DRL) for 2019</p> <p>B38-2013, 2014 Approved Capital Budget Enhanced Plan for the design and construction of the EOC - \$1,500,000</p> <p>TOTAL of \$6,787,823</p>																																																																																																										
<p><b>Project Comments/Reference</b></p> <p>7145007</p> <p>Combined with ENG-006-14 (Fire Hall #6/Emergency Operations Centre)</p>	<p><b>Version Comments</b></p> <p>CR131/2014, Report # 17162 pre-committed funds 2017 - \$636,516 / 2018 - \$1,247,160 / 2019 - \$2,448,064</p>																																																																																																										
<p><b>Project Forecast</b></p> <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>636,516</td> <td>636,516</td> <td>0</td> </tr> <tr> <td>2018</td> <td>1,247,160</td> <td>1,247,160</td> <td>0</td> </tr> <tr> <td>2019</td> <td>2,448,064</td> <td>2,448,064</td> <td>0</td> </tr> <tr> <td>2020</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2021</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2022+</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td></td> <td><b>4,331,740</b></td> <td><b>4,331,740</b></td> <td><b>0</b></td> </tr> </tbody> </table>	Year	Total Expense	Revenue		Net City Cost	Subsidies	2017	636,516	636,516	0	2018	1,247,160	1,247,160	0	2019	2,448,064	2,448,064	0	2020	0	0	0	2021	0	0	0	2022+	0	0	0		<b>4,331,740</b>	<b>4,331,740</b>	<b>0</b>	<p><b>Project Detailed Forecast</b></p> <table border="1"> <thead> <tr> <th>GL Account</th> <th>2017</th> <th>2018</th> <th>2019</th> <th>2020</th> <th>2021</th> <th>2022+</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td colspan="8"><b>Expenses</b></td> </tr> <tr> <td>5410 Construction Contracts - TCA</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>636,516</td> <td>1,247,160</td> <td>2,448,064</td> <td>0</td> <td>0</td> <td>0</td> <td>4,331,740</td> </tr> <tr> <td>Total</td> <td>636,516</td> <td>1,247,160</td> <td>2,448,064</td> <td>0</td> <td>0</td> <td>0</td> <td>4,331,740</td> </tr> <tr> <td colspan="8"><b>Revenues</b></td> </tr> <tr> <td>169 Pay As You Go - Capital Reserve</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>636,516</td> <td>1,247,160</td> <td>2,448,064</td> <td>0</td> <td>0</td> <td>0</td> <td>4,331,740</td> </tr> <tr> <td>Total</td> <td>636,516</td> <td>1,247,160</td> <td>2,448,064</td> <td>0</td> <td>0</td> <td>0</td> <td>4,331,740</td> </tr> </tbody> </table>	GL Account	2017	2018	2019	2020	2021	2022+	Total	<b>Expenses</b>								5410 Construction Contracts - TCA									636,516	1,247,160	2,448,064	0	0	0	4,331,740	Total	636,516	1,247,160	2,448,064	0	0	0	4,331,740	<b>Revenues</b>								169 Pay As You Go - Capital Reserve									636,516	1,247,160	2,448,064	0	0	0	4,331,740	Total	636,516	1,247,160	2,448,064	0	0	0	4,331,740
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<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>
2013	January 9, 2015	Growth: 100.0 % Maintenance: 0.0 %	Joseph Datillo	2019



# Project Version Summary

<b>Project #</b>	ECP-001-16	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Development, Projects & Right of Way
<b>Title</b>	New City Hall Construction		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>								
The budget for this project was set at \$43,937,000 per CR130/2016. Construction is in progress and future funding of \$7,537,000 is required.				Future funding sources required for the New City Hall: \$2,500,000 – 2019 unallocated debt reduction levy \$187,000 - 2019 - transfer from 7141020 / PLN-021-07 (City Hall Square and Civic Esplanade) \$4,850,000 – 2021 debt reduction levy								
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
7115001				This project is not scheduled for completion until 2018.  Pre-commitment B24-2015 / M222/2015 / CR161/2015 2018 - \$2,500,000 and 2021 - \$4,850,000								
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>		<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>								
2017	0	0	0	5410	Construction Contracts - TCA							
2018	0	0	0		0	0	2,500,000	0	4,850,000	0	7,350,000	
2019	2,500,000	2,500,000	0		Total							
2020	0	0	0		0	0	2,500,000	0	4,850,000	0	7,350,000	
2021	4,850,000	4,850,000	0	<b>Revenues</b>								
2022+	0	0	0	169	Pay As You Go - Capital Reserve							
	<b>7,350,000</b>	<b>7,350,000</b>	<b>0</b>		0	0	2,500,000	0	4,850,000	0	7,350,000	
					Total							
					0	0	2,500,000	0	4,850,000	0	7,350,000	
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>								
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>					
				Unknown	Total Operating expenses in the building may or may not be more than the existing building. The cost per square foot in the New City Hall is anticipated to be 20% lower than at 350 City Hall Square. The square footage in the new building, however, is approximately 50% larger than the existing building.	0	0					
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>				
2016	January 1, 2016	Growth: 0.0 % Maintenance: 0.0 %		Wadah Al-Yassiri				2021				



# Project Version Summary

<b>Project #</b>	ECP-009-08	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Development, Projects & Right of Way
<b>Title</b>	Corporate Properties Site Assessments/Clean-ups/Demolitions		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<p>There are lands that the City has obtained through tax arrears that need to be evaluated for environmental liabilities. It is imperative that the proper environmental site assessment detail the level of contamination or clean up required to sell the lands and qualify for any Brownfield funding.</p> <p>In addition, the state of disrepair of many of these properties render them unfit to sell or make improvements on, and their condition can sometimes present a safety hazard to neighbouring property owners and residents. In order to mitigate the potential liability and facilitate disposition of the properties as appropriate, funding is sometimes required to demolish the existing structures. It is proposed to expand this project to include funding for vacant City-owned properties that require demolition.</p>				<p>Various transitional properties require Phase I and II environmental studies prior to being sold or demolished. These are being done on a priority basis. This project further includes the demolition of designated City-owned properties, should funds be available.</p>							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5410 Construction Contracts - TCA			0	200,000	200,000	200,000	600,000
2018	0	0	0		0	0	0	200,000	200,000	200,000	600,000
2019	0	0	0	<b>Total</b>	0	0	0	200,000	200,000	200,000	600,000
2020	200,000	200,000	0	<b>Revenues</b>							
2021	200,000	200,000	0	169 Pay As You Go - Capital Reserve			0	200,000	200,000	200,000	600,000
2022+	200,000	200,000	0		0	0	0	200,000	200,000	200,000	600,000
	<b>600,000</b>	<b>600,000</b>	<b>0</b>	<b>Total</b>	0	0	0	200,000	200,000	200,000	600,000
<b>Historical Approved Budget</b>											
		<b>Revenue</b>									
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>								
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								
<b>Related Projects</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	No Operating Budget Impact				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			



2008	January 1, 2008	Growth: 0.0 % Maintenance: 0.0 %	France Isabelle Tunks	Ongoing
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# Project Version Summary

<b>Project #</b>	ECP-012-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Development, Projects & Right of Way
<b>Title</b>	South Cameron/South Windsor Planning District Infrastructure Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	Ward 9, Ward 10		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>								
This project allows for the construction of local municipal services including storm and sanitary sewers, pavements and street lights in the South Cameron/South Windsor planning districts. Funding will cover any anticipated petitions along with providing for incentives to work with property owners. Recovery of expenses/Subsidies (as noted in Project Forecast) will come from the owners of the benefitting properties.				Balance of funds needed for the City's share of paving works within the development.								
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
7033120												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>		<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>								
2017	60,000	60,000	0	5410	Construction Contracts - TCA							
2018	0	0	0		60,000	0	0	200,000	0	0	0	260,000
2019	0	0	0		Total							260,000
2020	200,000	200,000	0		60,000	0	0	200,000	0	0	0	260,000
2021	0	0	0	<b>Revenues</b>								
2022+	0	0	0	169	Pay As You Go - Capital Reserve							
					60,000	0	0	200,000	0	0	0	260,000
	<b>260,000</b>	<b>260,000</b>	<b>0</b>	6735	Recovery Of Expenses EXTERNAL							
					0	0	0	0	0	0	0	0
					Total							260,000
<b>Historical Approved Budget</b>												
		<b>Revenue</b>		<b>Year</b>		<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>				
2009	766,666	100,000	666,666									
2010	766,667	100,000	666,667									
2011	766,667	100,000	666,667									
<b>Related Projects</b>				<b>Operating Budget Impact</b>								
				<b>Effective Date</b>				<b>Description</b>				
				Unknown				No Operating Budget Impact				
								<b>Exp/(Rev)</b>		<b>FTE Impact</b>		
								0		0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>				
2007	January 1, 2017	Growth: 100.0 % Maintenance: 0.0 %		Adam Pillon				Ongoing				



# Project Version Summary

<b>Project #</b>	ECP-013-09	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Development, Projects & Right of Way
<b>Title</b>	La Bella Strada - Erie St. Business Improvement Area Streetscaping		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>													
CR339/2010 approved the Erie Street BIA Streetscaping - La Bella Strada project. Phase 1A - Howard to Pierre was completed in 2011. Phase 1B - Erie from McDougall to Howard and Pierre to Lincoln.				2022+: Phase 1B - Erie Street - McDougall/Howard and Pierre/Lincoln - \$2,250,000 (net City cost)													
<b>Project Comments/Reference</b>				<b>Version Comments</b>													
7109001 Closed																	
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>													
		<b>Revenue</b>															
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>						
2017	0	0	0	<b>Expenses</b>													
2018	0	0	0	2915	Consulting Services - External							280,000	280,000				
2019	0	0	0	5410	Construction Contracts - TCA							2,370,000	2,370,000				
2020	0	0	0								0	2,370,000	2,370,000				
2021	0	0	0								0	2,650,000	2,650,000				
2022+	2,650,000	2,250,000	400,000								0	2,650,000	2,650,000				
<b>2,650,000</b>		<b>2,250,000</b>		<b>400,000</b>													
<b>Historical Approved Budget</b>																	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<b>Revenues</b>													
2011	692,634	692,634	0	176	Federal Gas Tax Rebate							2,250,000	2,250,000				
				6735	Recovery Of Expenses EXTERNAL							400,000	400,000				
											0	400,000	400,000				
											0	2,650,000	2,650,000				
<b>Related Projects</b>				<b>Operating Budget Impact</b>													
				<u>Effective Date</u>	<u>Description</u>					<u>Exp/(Rev)</u>	<u>FTE Impact</u>						
				Unknown	No Operating Budget Impact					0	0						
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>									
2009	January 1, 2022	Growth: 0.0 % Maintenance: 0.0 %		France Isabelle-Tunks				2021+									



# Project Version Summary

<b>Project #</b>	ECP-041-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Development, Projects & Right of Way
<b>Title</b>	New Infrastructure Development - Oversizing Infrastructure (Developer-related)		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Sewers		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>								
This ongoing allotment is used to repay developers to oversize sewers and roads so other lands can be serviced. Any oversizing required by developers will require the developer's patience for payment to future years as other priorities require funding.				Funding source for City's share of oversizing for anticipated developments.								
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
7035119												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>								
2017	100,000	100,000	0	5410	Construction Contracts - TCA							
2018	0	0	0		100,000	0	450,000	0	100,000	660,000	1,310,000	
2019	450,000	450,000	0		<hr/>							
2020	0	0	0		Total	100,000	0	450,000	0	100,000	660,000	1,310,000
2021	100,000	100,000	0	<b>Revenues</b>								
2022+	660,000	660,000	0	169	Pay As You Go - Capital Reserve							
	<b>1,310,000</b>	<b>1,310,000</b>	<b>0</b>		100,000	0	450,000	0	100,000	660,000	1,310,000	
					Total	100,000	0	450,000	0	100,000	660,000	1,310,000
<b>Historical Approved Budget</b>												
		<b>Revenue</b>										
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>									
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									
<b>Related Projects</b>				<b>Operating Budget Impact</b>								
				<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>					
				Unknown	No Operating Budget Impact.	0	0					
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>				
2007	January 1, 2015	Growth: 100.0 % Maintenance: 0.0 %		France Isabelle-Tunks				Ongoing				



# Project Version Summary

<b>Project #</b>	ENG-002-14	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Development, Projects & Right of Way
<b>Title</b>	Festival Plaza Retaining Wall - Design & Construction		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>			
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>								
The project is the continuation of the block retaining wall along the south limits of the new Festival Plaza between Riverside Drive and the Festival Plaza. The current conditions were put in place as a temporary measure due to the poor soil conditions in this area. The temporary design included placing fill material and a means to measure settlement of the fill. The majority of settlement was complete at the end of 2014. Due to funding pressures, it is recommended that this work be scheduled in 2019.				2019: Design and construction of the block retaining wall - \$1,350,000								
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>		<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>								
2017	0	0	0	2951	INTERNAL Service Salary Allocn	0	0	130,000	0	0	0	130,000
2018	0	0	0	5410	Construction Contracts - TCA	0	0	545,000	675,000	0	0	1,220,000
2019	675,000	675,000	0	Total		0	0	675,000	675,000	0	0	1,350,000
2020	675,000	675,000	0	<b>Revenues</b>								
2021	0	0	0	169	Pay As You Go - Capital Reserve	0	0	675,000	675,000	0	0	1,350,000
2022+	0	0	0	6735	Recovery Of Expenses EXTERNAL	0	0	0	0	0	0	0
	<b>1,350,000</b>	<b>1,350,000</b>	<b>0</b>	Total		0	0	675,000	675,000	0	0	1,350,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>								
				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>			
				Unknown	No Operating Budget Impact			0	0			
<b>Related Projects</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>				
2014	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		France Isabelle-Tunks				2019				



# Project Version Summary

<b>Project #</b>	ENG-004-16	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facility Operations
<b>Title</b>	Corporate Facilities Access Protocols		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>
<p>An internal audit on Corporate Facilities Key Control was conducted by the Office of Continuous Improvement. One of its recommendations stated "An opportunity exists for the Facility Operations Division to provide guidance to operating departments in the expected minimum standards and other best practices that should be utilized for tracking keys issued to employees. The Division should develop templates and guidelines for distribution to those managers in operating departments who are responsible for the security of City facilities."</p> <p>The City of Windsor has a duty under the Occupier's Liability Act and the Occupational Health &amp; Safety Act to protect employees and members of the public from foreseeable dangers, to ensure they are reasonably safe while on the premises, and to maintain a safe workplace. Keys provide access to buildings and consequently, to the people located within the buildings. An absence of strict key control could pose a security and a Health &amp; Safety risk.</p> <p>Keys within the corporation are currently handled on an ad hoc basis. Each facility tracks and maintains its own sets of keys. There is no standardized methodology to ensure keys are returned or not duplicated or that locks are changed if keys are lost.</p> <p>The key management system will include changing keys and locks of all external &amp; internal doors in a facility to a secure format. Software will be purchased to monitor key access &amp; distribution of keys. A policy will be created to provide common rules for the usage of keys.</p>

<b>Version Description</b>
<p>There are 41 facilities identified as the priority to change locks and regulate key assignments. These include administration buildings, community centres, fire halls, and other recreation &amp; culture buildings such as Art Gallery, Willistead, Windsor International Aquatics Centre etc. All facilities eventually need to be converted to a key control system. Initially, the focus for conversion will be on areas where staff is located, including many administrative buildings, community centres, fire halls, and operations buildings.</p> <p>The work will be done in phases over a number of years:</p> <p>2017-2019: \$150,000 per year to convert 8 - 10 buildings per year.          2020: \$50,000 to convert 5 facilities.</p>

<b>Project Comments/Reference</b>
7165002

<b>Version Comments</b>

<b>Project Forecast</b>		<b>Revenue</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2017	150,000	150,000	0
2018	150,000	150,000	0
2019	150,000	150,000	0
2020	50,000	50,000	0
2021	0	0	0
2022+	0	0	0
	<b>500,000</b>	<b>500,000</b>	<b>0</b>

<b>Project Detailed Forecast</b>		<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>GL Account</b>								
<b>Expenses</b>								
5410	Construction Contracts - TCA							
		150,000	150,000	150,000	50,000	0	0	500,000
	<b>Total</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>500,000</b>
<b>Revenues</b>								
169	Pay As You Go - Capital Reserve							
		150,000	150,000	150,000	50,000	0	0	500,000
	<b>Total</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>500,000</b>

<b>Historical Approved Budget</b>		<b>Revenue</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2016	100,000	100,000	0

<b>Related Projects</b>			<b>Operating Budget Impact</b>		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>	
2016	January 4, 2016	Growth: 0.0 % Maintenance: 100.0 %	Mel Douglas	2020	

<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>
Unknown	No Operating Budget Impact	0	0



# Project Version Summary

<b>Project #</b>	ENG-006-16	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facility Operations
<b>Title</b>	Coventry Gardens Peace Fountain Capital Repairs		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 6		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
The Peace Fountain was constructed in 1978 as per the customized requirements of the City. It underwent a major overhaul and structural rebuild in 1988. Since then, the Parks department has been maintaining the Fountain from operating funds by prioritizing needs.				Most of its systems and fixtures are outdated. For example, the lighting is run by a DOS based software program that is understood by very few. Computer control systems, valves, electrical breaker panels and other components require a major review and replacement. The RFP will be put together to hire a consultant to review the entire structure and put forward recommendations for this aging fountain. Subsequent action will be based on the consultant's findings. Enterprise Risk(s): This funding will mitigate against the identified Portrayal enterprise risk. The Peace Fountain is a source of civic pride and City of Windsor would be portrayed in a negative light if pulled out of service due to maintenance issues.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7162002																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>														
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>					
2017	100,000	100,000	0	<b>Expenses</b>												
2018	0	0	0	5410	Construction Contracts - TCA											
2019	0	0	0		100,000	0	0	0	0	0	0	100,000				
2020	0	0	0		Total	100,000	0	0	0	0	0	100,000				
2021	0	0	0	<b>Revenues</b>												
2022+	0	0	0	169	Pay As You Go - Capital Reserve											
					100,000	0	0	0	0	0	0	100,000				
	<b>100,000</b>	<b>100,000</b>	<b>0</b>		Total	100,000	0	0	0	0	0	100,000				
<b>Historical Approved Budget</b>																
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>													
2016	100,000	100,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>							
				Unknown	The lack of capital funding would result in deferral of repairs and increase the likelihood of overexpenditure in the operating budget.			0	0							
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>								
2016	January 4, 2016	Growth: 0.0 % Maintenance: 100.0 %		Donovan Tremblay/Tom Graziano				Spring 2018								





# Project Version Summary

<b>Project #</b>	ENG-006-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facility Operations
<b>Title</b>	Windsor International Aquatic Training Centre – Capital Refurbishments		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<p>The Windsor International Aquatic Training Centre (WIATC) including Adventure Bay is a unique facility. It has a vast array of equipment that is used to run the facility as well as the specialized equipment associated with the waterpark and diving facility. In addition, the warranty for the equipment in the facility is now expired so this program will fund necessary replacement of components or equipment. It will include replacement and capital repairs of equipment, amusement devices, specialized HVAC equipment, pumps, water treatment equipment, etc. Other capital needs include replacement of safety features as well as capital repairs/replacements of items that support the unique functions of the facility.</p>				<p>The funds will be assigned on a priority basis. List of ongoing capital maintenance projects include:</p> <ul style="list-style-type: none"> <li>• Non-slip floor coating</li> <li>• Electrical work on Flowrider</li> <li>• Flowrider safety matting &amp; wearing surface</li> </ul> <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>							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5410 Construction Contracts - TCA			200,000	0	0	450,000	650,000
2018	0	0	0		0	0	200,000	0	0	450,000	650,000
2019	200,000	200,000	0	<b>Total</b>	0	0	200,000	0	0	450,000	650,000
2020	0	0	0	<b>Revenues</b>							
2021	0	0	0	169 Pay As You Go - Capital Reserve			200,000	0	0	450,000	650,000
2022+	450,000	450,000	0	<b>Total</b>	0	0	200,000	0	0	450,000	650,000
	<b>650,000</b>	<b>650,000</b>	<b>0</b>								
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	No Operating Budget impact.				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017		Growth: 0.0 % Maintenance: 0.0 %		Mike Smithson				Ongoing			



# Project Version Summary

<b>Project #</b>	ENG-007-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>		<b>Division</b>	Facility Operations
<b>Title</b>	Facility Maintenance Equipment Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
To repair, replace and upgrade maintenance equipment within Facilities. This equipment is costly to repair/replace and many items are reaching the end of their useful life. Annual funding is being requested to replace/repair aging maintenance equipment, such as floor cleaning equipment, compressors, lifts etc. This budget will ensure that funds are available when maintenance equipment throughout Facilities fails or needs replacement.				An annual allotment of \$50,000 per year is requested to fund replacement of facility maintenance equipment. The annual funds will be assigned on a priority basis based on the overall needs for maintenance equipment within the various facilities maintained by the Facilities division.							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5410 Construction Contracts - TCA							
2018	0	0	0		0	0	0	0	0	250,000	250,000
2019	0	0	0	Total	0	0	0	0	0	250,000	250,000
2020	0	0	0	<b>Revenues</b>							
2021	0	0	0	169 Pay As You Go - Capital Reserve							
2022+	250,000	250,000	0		0	0	0	0	0	250,000	250,000
	<b>250,000</b>	<b>250,000</b>	<b>0</b>	Total	0	0	0	0	0	250,000	250,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	Any shortfalls will be handled by the operating budget				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017		Growth: 0.0 % Maintenance: 0.0 %		Tom Graziano				Ongoing			



# Project Version Summary

<b>Project #</b>	ENG-008-16	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facility Operations
<b>Title</b>	400 City Hall Square Workplace Reconfiguration		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<p>The forthcoming Employee Service Center and Payroll areas of the Human Resources Department require office space to accommodate the proposed staffing model related to the implementation of the Workforce Management Software. In order to maximize efficiencies, these areas need to be located next to the Human Resources Department, which is located on the 4th floor of 400 City Hall Square.</p> <p>The Employment and Training Services division of the Employment and Social Services Department currently occupies space on the 4th Floor of 400 City Hall Square. This budget will allow for the construction and reconfiguration of existing space within the 400 City Hall Square to optimize use of the building's office space and to allow for the relocation of this division.</p>				<p>ETS will be relocated within 400 City Hall Square after the move of other divisions to the newly completed 350 City Hall Square which is scheduled to reopen in 2018. Funds are set aside to cover renovations and furniture for the new space.</p>							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5410	Construction Contracts - TCA						
2018	0	0	0		0	0	38,000	162,000	0	0	200,000
2019	38,000	38,000	0		Total						
2020	162,000	162,000	0		0	0	38,000	162,000	0	0	200,000
2021	0	0	0	<b>Revenues</b>							
2022+	0	0	0	169	Pay As You Go - Capital Reserve						
	<b>200,000</b>	<b>200,000</b>	<b>0</b>		0	0	38,000	162,000	0	0	200,000
					Total						
					0	0	38,000	162,000	0	0	200,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	No Operating Budget Impact			0	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2016	January 1, 2016	Growth: 0.0 % Maintenance: 0.0 %		Tom Graziano/France Isabelle-Tunks				December 2018			



# Project Version Summary

<b>Project #</b>	ENG-008-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>		<b>Division</b>	Facility Operations
<b>Title</b>	Generator & Fuel Storage Upgrades		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
It has recently been identified that most of the generators and their fuel storage units need upgrades in order to comply with TSSA regulations. Comprehensive inspection will be done at each site to determine the extent of the upgrades needed to meet the legislated requirements.				An estimate of \$20,000 per site is requested to address the requirements as set out by TSSA. In the Facilities area, 11 sites will be inspected and upgrades performed as needed. 2018-2019: \$ 220,000							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5410 Construction Contracts - TCA							
2018	175,000	175,000	0		0	175,000	45,000	0	0	0	220,000
2019	45,000	45,000	0	Total	0	175,000	45,000	0	0	0	220,000
2020	0	0	0	<b>Revenues</b>							
2021	0	0	0	169 Pay As You Go - Capital Reserve							
2022+	0	0	0		0	175,000	45,000	0	0	0	220,000
	<b>220,000</b>	<b>220,000</b>	<b>0</b>	Total	0	175,000	45,000	0	0	0	220,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	No Operating Budget Impact				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017		Growth: 0.0 % Maintenance: 0.0 %		Tom Graziano				2019			



# Project Version Summary

<b>Project #</b>	ENG-009-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>		<b>Division</b>	Facility Operations
<b>Title</b>	Festival Plaza - Facility Requirements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 4		
<b>Version Name</b>	Main (Active)		

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



# Project Version Summary

<b>Project #</b>	ENG-010-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>		<b>Division</b>	Facility Operations
<b>Title</b>	Capitol Theatre Capital Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>			
<b>Version Name</b>	Main (Active)		

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



# Project Version Summary

<b>Project #</b>	ENG-011-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>		<b>Division</b>	Facility Operations
<b>Title</b>	400 City Hall Square - Capital Repairs		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
To use funds from Capital Reserve to cover facility repairs/replacements				2017- \$100,000 Humidifier												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
				Funding source is 400 CHS capital reserve fund												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>														
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>					
2017	100,000	100,000	0	<b>Expenses</b>												
2018	0	0	0	5410	Construction Contracts - TCA											
2019	0	0	0		100,000	0	0	0	0	0	0	100,000				
2020	0	0	0	Total	100,000	0	0	0	0	0	0	100,000				
2021	0	0	0	<b>Revenues</b>												
2022+	0	0	0	186	400 City Hall Square E.											
	<b>100,000</b>	<b>100,000</b>	<b>0</b>		100,000	0	0	0	0	0	0	100,000				
				Total	100,000	0	0	0	0	0	0	100,000				
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>			<b>FTE Impact</b>					
				Unknown	The lack of capital funding would result in deferral of repairs and increase the likelihood of additional spending in the operating budget.				0			0				
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>								
2017	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %		Tom Graziano				December 2017								



# Project Version Summary

<b>Project #</b>	ENG-014-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>		<b>Division</b>	Facility Operations
<b>Title</b>	Fire Alarm System Upgrade at the WFCU Centre		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 7		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
<p>The fire alarm system at the WFCU Centre was changed from a single stage to two stage system in 2015, under a building permit. The two-stage fire alarm system did not have a voice communication system installed as required by the 2012 Ontario Building Code (OBC) 3.2.4.23 (7). Without an integrated voice communication system, the fire alarm continues to sound while announcements are made over a public address system in the building, causing any announcements made to sound unintelligible. The lack of a voice communication system that gives clear direction to occupants of the need to take action in an emergency, was not installed at the time the alarm system was changed over from a single to a two stage system, and as a result is hindering the facilitation of timely movement of persons to a safe place in an emergency.</p>				<p>Funding for this project is estimated to cost approx. \$115,000.</p>												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7161048				As per CR340/2016, this project is already pre-committed.												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>														
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>					
2017	115,000	115,000	0	5410 Construction Contracts - TCA												
2018	0	0	0	115,000	0	0	0	0	0	0	115,000					
2019	0	0	0	Total	115,000	0	0	0	0	0	115,000					
2020	0	0	0	<b>Revenues</b>												
2021	0	0	0	169 Pay As You Go - Capital Reserve												
2022+	0	0	0	115,000	0	0	0	0	0	0	115,000					
	<b>115,000</b>	<b>115,000</b>	<b>0</b>	Total	115,000	0	0	0	0	0	115,000					
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>												
<b>Related Projects</b>				<b>Effective Date</b>		<b>Description</b>		<b>Exp/(Rev)</b>		<b>FTE Impact</b>						
				Unknown		No operating budget impact.		0		0						
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>								
2017	January 1, 2016	Growth: 0.0 % Maintenance: 100.0 %		Tom Graziano				2017								





# Project Version Summary

<b>Project #</b>	HCP-001-10	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facility Operations
<b>Title</b>	Corporate Facilities Water Backflow Prevention Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
Backflow prevention devices are used on water supply systems to prevent contaminants from being drawn back into the municipal water supply. They are required to be installed at the main supply entrance to the building and at the end of stream points such as taps and hose bibs. The issue of backflow prevention is a serious health & safety concern and for that reason it is addressed by the Ontario Building Code and the EnWin Utilities Cross Control By-law. The City of Windsor is currently in contravention of these regulations at many city owned facilities, and is in receipt of corrective orders from EnWin Utilities. Tender 128-08 was issued to begin the corrective measures of the backflow prevention program. Regulations dictate that backflow devices must be tested yearly and repaired as required. Defective devices will not perform their required function.				Initially funded with \$70k in 2003, it is necessary that the program continues on an ongoing basis so that (i) potential health and safety threats to the municipal water supply system are eliminated and (ii) the city remains in compliance with applicable regulations. Installation of devices that require protection can be prioritized based on their potential to contaminate the water supply system and then completed over a multiyear period. Tender 128-08 was issued to begin the corrective measures of the back flow prevention program. There are still a significant number of devices that have not been tested and/or replaced. Of the devices that remain, priority will be given to those that pose the greatest risk in terms of water contamination. On an ongoing basis, these devices will require yearly inspection and maintenance and/or replacement as dictated by regulations.							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
7031134											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5410	Construction Contracts - TCA						
2018	0	0	0		0	0	0	300,000	0	100,000	400,000
2019	0	0	0		Total						
2020	300,000	300,000	0		0	0	0	300,000	0	100,000	400,000
2021	0	0	0	<b>Revenues</b>							
2022+	100,000	100,000	0	169	Pay As You Go - Capital Reserve						
	<b>400,000</b>	<b>400,000</b>	<b>0</b>		0	0	0	300,000	0	100,000	400,000
					Total						
					0	0	0	300,000	0	100,000	400,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
		<b>Revenue</b>		<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>				
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	Unknown	No Operating Budget Impact	0	0				
2010	100,000	100,000	0								
2013	100,000	100,000	0								
2014	100,000	100,000	0								
<b>Related Projects</b>											
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>				<b>Est. Completion Date</b>				
2010	January 1, 2016	Growth: 0.0 % Maintenance: 0.0 %	Tom Graziano				Ongoing				



# Project Version Summary

<b>Project #</b>	HCP-002-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facility Operations
<b>Title</b>	Corporate Facilities Roof Replacement Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>
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.

<b>Version Description</b>
The City has several building roofs that need attention. Jobs have been prioritized and estimated according to current status. See attachment for details by year.
Enterprise Risk(s): This funding will mitigate against the identified Infrastructure enterprise risk. The lack of funding for these works will result in deferral of repairs and increase the likelihood of over expenditures in the operating budget when emergency repairs must be undertaken.

<b>Project Comments/Reference</b>
See document attached for complete listing. 7085008

<b>Version Comments</b>
Per 2016 Approved Capital Budget B24-2015 & CR160/2015, \$70,000 of 2019 budget has been pre-committed to project 7159012 - WPL-Optimist Library.

<b>Project Forecast</b>		<b>Revenue</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
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+	525,700	525,700	0
	<b>4,446,500</b>	<b>4,446,500</b>	<b>0</b>

<b>Project Detailed Forecast</b>								
<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>	
<b>Expenses</b>								
5410	Construction Contracts - TCA							
	1,293,800	471,100	415,400	1,330,500	410,000	525,700	4,446,500	
	<u>Total</u>	<u>1,293,800</u>	<u>471,100</u>	<u>415,400</u>	<u>1,330,500</u>	<u>410,000</u>	<u>525,700</u>	<u>4,446,500</u>
<b>Revenues</b>								
169	Pay As You Go - Capital Reserve							
	1,293,800	471,100	415,400	1,330,500	410,000	525,700	4,446,500	
	<u>Total</u>	<u>1,293,800</u>	<u>471,100</u>	<u>415,400</u>	<u>1,330,500</u>	<u>410,000</u>	<u>525,700</u>	<u>4,446,500</u>

<b>Historical Approved Budget</b>		<b>Revenue</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
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

Related Projects			Operating Budget Impact									
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date								
2007	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Tom Graziano/Mel Douglas	Ongoing								
			<table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>The lack of capital funding for these works will result in the deferral of repairs, further deterioration of the aging facilities, and increase in the likelihood of over-expenditures in the operating budget when emergency repairs must be undertaken for operational and/ or legislative reasons.</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	Effective Date	Description	Exp/(Rev)	FTE Impact	Unknown	The lack of capital funding for these works will result in the deferral of repairs, further deterioration of the aging facilities, and increase in the likelihood of over-expenditures in the operating budget when emergency repairs must be undertaken for operational and/ or legislative reasons.	0	0	
Effective Date	Description	Exp/(Rev)	FTE Impact									
Unknown	The lack of capital funding for these works will result in the deferral of repairs, further deterioration of the aging facilities, and increase in the likelihood of over-expenditures in the operating budget when emergency repairs must be undertaken for operational and/ or legislative reasons.	0	0									

**ROOF BUDGET**

BUILDING	2017	2018	2019	2020	2021	2022+	2017-2022+
1 Adie Knox Pool (upper roof)	\$145,000						
2 Mic Mac CC	\$46,400						
3 Glengary Community Centre (Gym Area)			\$48,300				
4 Transit-phase 3		\$331,300					
5 Charles Clark Square (zamboni building)			\$13,000				
6 Charles Clark Square (concession building)			\$18,000				
7 Riverside Outdoor Pool	\$12,000						
8 Forest Glade Library			\$68,300				
9 Remington Park Library			\$13,400				
10 Remington Pool Washrooms	\$10,400						
11 Huron Lodge (parapets)	\$960,000						
12 Various Other							
13 Willistead Repairs	\$10,000		\$10,000	\$10,000	\$10,000	\$10,000	
14 Fountainbleau Library		\$139,800				\$15,700	
15 Forest Glade Community Center			\$164,400				
16 Willistead Manor, Coach House, Gate House Replacement				\$750,000			
17 Gino A Marcus CC				\$570,500			
18 Jefferson Police Station TBD					\$200,000		
19 Bridgeview and Budimir Libraries (WPL-006-11)			\$80,000				
20 2450 McDougall					\$200,000		
21 Riverside Library (upper penthouse and canopy)	\$18,000						
22 College Community Center (upper roof and east half of lower)	\$92,000						
23 Angelieri Building						\$500,000	
<b>2017 TOTAL REQUESTED:</b>	<b>\$1,293,800</b>	<b>\$471,100</b>	<b>\$415,400</b>	<b>\$1,330,500</b>	<b>\$410,000</b>	<b>\$525,700</b>	<b>\$4,446,500</b>



# Project Version Summary

<b>Project #</b>	HCP-002-09	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facility Operations
<b>Title</b>	Fire Hall Capital Refurbishment Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
This project is used for all Fire Hall capital repairs that are prioritized annually by Facilities in consultation with Fire. Fire & Rescue facilities are unique in that they serve an emergency response function, with staff living in them and operate 24 hours a day. With the exception of the construction of the new Fire Hall 7, completed in 2012, and Fire Hall 2, completed in 2015 ,and Fire Hall 5, which is still to be constructed, the average age of the Fire & Rescue facilities is 27 years and many of the building components are past their life expectancy. These facilities are experiencing greater capital investment needs to maintain, repair or replace aging components.				Recommended funds required to repair the Fire Halls that are not being replaced:  Each year to have annual allocation of \$150,000 each for repairs/replacements as per needs arise/funds available.											
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
7091015															
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		<b>Revenue</b>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>				
2017	150,000	150,000	0	<b>Expenses</b>											
2018	150,000	150,000	0	5410	Construction Contracts - TCA										
2019	150,000	150,000	0		150,000	150,000	150,000	150,000	150,000	600,000	1,350,000				
2020	150,000	150,000	0		Total										
2021	150,000	150,000	0		150,000	150,000	150,000	150,000	150,000	600,000	1,350,000				
2022+	600,000	600,000	0	<b>Revenues</b>											
	<b>1,350,000</b>	<b>1,350,000</b>	<b>0</b>	169	Pay As You Go - Capital Reserve										
					150,000	150,000	150,000	150,000	150,000	600,000	1,350,000				
					Total										
					150,000	150,000	150,000	150,000	150,000	600,000	1,350,000				
<b>Historical Approved Budget</b>															
		<b>Revenue</b>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>												
2009	150,750	150,750	0												
2012	150,000	0	150,000												
2014	210,000	0	210,000												
2016	59,500	59,500	0												
<b>Related Projects</b>				<b>Operating Budget Impact</b>											
				<b>Effective Date</b>		<b>Description</b>		<b>Exp/(Rev)</b>		<b>FTE Impact</b>					
				Unknown		No Operating Budget Impact		0		0					
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>							
2009	January 2, 2016	Growth: 0.0 % Maintenance: 100.0 %		Tom Graziano				Ongoing							



# Project Version Summary

<b>Project #</b>	HCP-005-08	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facility Operations
<b>Title</b>	Corporate Facilities Paving Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>								
Some of the asphalt paving and concrete approaches at Corporate Facilities are beyond their life expectancy or have become damaged. This includes cracked and uneven surfaces which cause trip hazards, allow water to penetrate the surface which will erode the base layer and ultimately speed up the deterioration of the surface layer. In extreme cases it causes vehicle damage. Depressions allow ponding water to freeze/thaw cycle which can quickly break up materials. The repairs to these surfaces will reduce vehicle wear and damage as well as reduce liability associated with trip and fall incidents.				Repair of asphalt paving and concrete approaches city wide that are beyond their life expectancy or have become damaged on a priority basis. Annual funding of \$100,000 requested to be prioritized based on need. Certain areas in need have been identified: <ul style="list-style-type: none"> <li>• Repair of deteriorated and critical areas at Crawford Yard and Fire Halls as needed/ funded.</li> <li>• East Parking Lot (Adie Knox)- \$115,000</li> <li>• Atkinson Parking Lot - \$150,000</li> <li>• West Parking Lot (Adie Knox)- \$120,000</li> <li>• WFCU parking lot \$3,000,000</li> </ul>								
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
7101016												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>		<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>								
2017	600,000	600,000	0	5410 Construction Contracts - TCA								
2018	100,000	100,000	0			600,000	100,000	100,000	100,000	100,000	3,585,000	4,585,000
2019	100,000	100,000	0	Total		600,000	100,000	100,000	100,000	100,000	3,585,000	4,585,000
2020	100,000	100,000	0	<b>Revenues</b>								
2021	100,000	100,000	0	169 Pay As You Go - Capital Reserve								
2022+	3,585,000	3,585,000	0			600,000	100,000	100,000	100,000	100,000	3,585,000	4,585,000
	<b>4,585,000</b>	<b>4,585,000</b>	<b>0</b>	Total		600,000	100,000	100,000	100,000	100,000	3,585,000	4,585,000
<b>Historical Approved Budget</b>												
		<b>Revenue</b>										
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>									
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									
<b>Related Projects</b>				<b>Operating Budget Impact</b>								
				<b>Effective Date</b>		<b>Description</b>		<b>Exp/(Rev)</b>		<b>FTE Impact</b>		
				Unknown		No Operating budget Impact		0		0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>				

2008	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Tom Graziano	Ongoing
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# Project Version Summary

<b>Project #</b>	HCP-010-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facility Operations
<b>Title</b>	Willistead Complex Capital Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 4		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
The expenditures identified are capital in nature designed to maintain the operational integrity of this heritage complex. These necessary improvements are aligned with the recommendation resulting from a 2003 study initiated by the City of Windsor and contained in a published document authored by the Architect George Robb "A Condition Assessment Strategy for Repairs and Maintenance of Heritage Properties".				As per M264-2012, Report #15604, improvements at Willistead in the amount of \$150,000 per year for ten years, commencing in 2012, be funded from the 2016 (\$750,000) and 2017 (\$750,000) Debt Reduction Levy. 2017: \$750,000 (Continued Restoration Project) 2022+: \$120,000 for masonry and \$150,000 for Electrical and Life Safety system upgrade											
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
7062048 closed/7125002				As per CR498/2016, \$750,000 pre-commitment in principle for Willistead Complex Capital Improvements (Canada 150 Community Infrastructure Program).											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		<b>Revenue</b>													
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>				
2017	750,000	750,000	0	<b>Expenses</b>											
2018	0	0	0	5410	Construction Contracts - TCA										
2019	0	0	0		750,000	0	0	0	0	270,000	1,020,000				
2020	0	0	0		Total										
2021	0	0	0		750,000	0	0	0	0	270,000	1,020,000				
2022+	270,000	270,000	0	<b>Revenues</b>											
	<b>1,020,000</b>	<b>1,020,000</b>	<b>0</b>	169	Pay As You Go - Capital Reserve										
					750,000	0	0	0	0	270,000	1,020,000				
					Total										
					750,000	0	0	0	0	270,000	1,020,000				
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>											
		<b>Revenue</b>													
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>				
2007	50,000	50,000	0	Unknown	No Operating Budget Impact					0	0				
2008	50,000	50,000	0												
2010	20,000	20,000	0												
2011	20,000	20,000	0												
2012	20,000	20,000	0												
2016	750,000	750,000	0												
<b>Related Projects</b>															
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>							
2012	January 1, 2012	Growth: 0.0 % Maintenance: 100.0 %		Jan Wilson/Tom Graziano				Ongoing							





# Project Version Summary

<b>Project #</b>	OPS-007-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facility Operations
<b>Title</b>	Operations Facilities Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

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

<b>Version Description</b>
An annual allotment of \$25,000 for various repairs, to address health & safety issues, unexpected needs, and to perform proper maintenance is also needed. Additional funds requested for specific issues currently identified: 2017: \$50,000 Repairs to salt domes (also, \$250,000 from 2015 for Crawford salt dome replacement will be used to repair salt domes). 2022+: Crawford Yard Main Building: renovate area in stockroom for lockers and washroom facilities - \$50,000 - Crawford Yard Main Building: shop floor drain repairs - \$100,000+ - Crawford Yard Main Building: window replacement - \$50,000  Note: Proceeds from the sale of 2545 Pilette Road to be transferred once sold.

<b>Project Comments/Reference</b>
7033139 Closed/7141029

<b>Version Comments</b>

<b>Project Forecast</b>	<b>Revenue</b>		
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2017	75,000	75,000	0
2018	25,000	25,000	0
2019	25,000	25,000	0
2020	25,000	25,000	0
2021	25,000	25,000	0
2022+	300,000	300,000	0
	<b>475,000</b>	<b>475,000</b>	<b>0</b>

<b>Project Detailed Forecast</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Expenses</b>								
5410	Construction Contracts - TCA							
		75,000	25,000	25,000	25,000	25,000	300,000	475,000
	<b>Total</b>	<b>75,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>300,000</b>	<b>475,000</b>
<b>Revenues</b>								
169	Pay As You Go - Capital Reserve							
		75,000	25,000	25,000	25,000	25,000	300,000	475,000
	<b>Total</b>	<b>75,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>25,000</b>	<b>300,000</b>	<b>475,000</b>

<b>Historical Approved Budget</b>	<b>Revenue</b>		
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
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

Related Projects			Operating Budget Impact									
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date								
2007	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Pier DeSimone	Ongoing								
			<table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>The lack of capital funding for these works will result in the deferral of repairs, further deterioration of the aging facilities, and increase the likelihood of over-expenditures in the operating budget when emergency repairs must be undertaken for operational and/or legislative reasons.</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	Effective Date	Description	Exp/(Rev)	FTE Impact	Unknown	The lack of capital funding for these works will result in the deferral of repairs, further deterioration of the aging facilities, and increase the likelihood of over-expenditures in the operating budget when emergency repairs must be undertaken for operational and/or legislative reasons.	0	0	
Effective Date	Description	Exp/(Rev)	FTE Impact									
Unknown	The lack of capital funding for these works will result in the deferral of repairs, further deterioration of the aging facilities, and increase the likelihood of over-expenditures in the operating budget when emergency repairs must be undertaken for operational and/or legislative reasons.	0	0									



# Project Version Summary

<b>Project #</b>	OPS-011-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facility Operations
<b>Title</b>	Traffic Operations Facilities Upgrades		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
Ongoing consolidation of traffic operations' facilities on McDougall Street as approved by CR646/2002. Phase 1 (1266 McDougall) has been completed. Phase 2 Signs and Markings Garage and Paint Storage Facility construction (1269 Mercer) was completed in 2006. The 2021+ allocation is for completion of the final phase (Phase 3) at 1269 Mercer, which is the Signal Garage. This latter phase will provide secure shelter for boom trucks and inventory items currently stored outside on the premises. This project may be impacted by the Streetlight portfolio as garage and yard storage may be required.				2022+: Phase 3 - 1269 Mercer							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
7033010 closed/7161013											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5410	Construction Contracts - TCA						
2018	0	0	0		0	0	0	0	0	1,100,000	1,100,000
2019	0	0	0								
2020	0	0	0								
2021	0	0	0								
2022+	1,100,000	1,100,000	0								
	<b>1,100,000</b>	<b>1,100,000</b>	<b>0</b>								
<b>Historical Approved Budget</b>				<b>Revenues</b>							
		<b>Revenue</b>		169	Pay As You Go - Capital Reserve						
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>		0	0	0	0	0	1,100,000	1,100,000
2016	35,000	35,000	0		0	0	0	0	0	1,100,000	1,100,000
<b>Related Projects</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>
				Unknown	No Operating Budget Impact					0	0
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2007	January 1, 2021	Growth: 0.0 % Maintenance: 0.0 %		Tom Graziano/John Wolf				2021+			



# Project Version Summary

<b>Project #</b>	PFO-001-12	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facility Operations
<b>Title</b>	Corporate Properties Security Systems and Infrastructure		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<p>The Corporate Security Infrastructure forms an important element of Facilities that lends towards the safety of both municipal staff and the public. It includes items such as; card access equipment, cameras, monitors, digital video recording devices, customer service counters, electric strikes with door release buttons, mag locks, door hardware and exterior lighting. This program would fund the necessary modifications, expansions and upgrades to existing systems, as well as the funding to install new infrastructure, as required, where none has previously existed. The City of Windsor's current security infrastructure is aging and in need of an upgrade. Currently there is a disconnect between the security infrastructure in the downtown core and the majority of the other Corporate facilities.</p>				<p>\$50,000 per year is required to maintain the security systems currently in place at all of the City facilities.            2017:            \$45,000 - Libraries video surveillance system upgrades            Future anticipated expenses would be Huron Lodge: \$250,000, and Transit North Service Rd (CCTV) \$50,000.</p>							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
7053035 - This capital account replaces both Corporate Wide Security Systems and Security Infrastructure Improvements.											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	50,000	50,000	0	5410 Construction Contracts - TCA							
2018	50,000	50,000	0		50,000	50,000	50,000	50,000	75,000	670,000	945,000
2019	50,000	50,000	0	<b>Total</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>75,000</b>	<b>670,000</b>	<b>945,000</b>
2020	50,000	50,000	0	<b>Revenues</b>							
2021	75,000	75,000	0	169 Pay As You Go - Capital Reserve							
2022+	670,000	670,000	0		50,000	50,000	50,000	50,000	75,000	670,000	945,000
	<b>945,000</b>	<b>945,000</b>	<b>0</b>	<b>Total</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>50,000</b>	<b>75,000</b>	<b>670,000</b>	<b>945,000</b>
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
		<b>Revenue</b>		<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>				
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	Unknown	No Operating Budget Impact	0	0				
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								
<b>Related Projects</b>											
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			

2012	January 1, 2015	Growth: 100.0 % Maintenance: 0.0 %	Tom Graziano	Ongoing
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# Project Version Summary

<b>Project #</b>	PFO-001-15	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facility Operations
<b>Title</b>	Huron Lodge Miscellaneous Equipment Replacement		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>			
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
Huron Lodge is a long-term care residence for seniors. The equipment needs for this facility are extensive and must be in constant working order to be able to operate the residence according to the provincial standards set by the Ministry of Health and Long-Term Care.				The anticipated kitchen, cleaning and laundry equipment (including beds) for 2017-2022 are: 2019: Floor Scrubbers (3) \$60,000 2020: Washers and Dryers \$175,000 2022+: Washers and Dryers \$175,000											
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
7152003															
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		<b>Revenue</b>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>				
2017	0	0	0	<b>Expenses</b>											
2018	0	0	0	5410	Construction Contracts - TCA										
2019	60,000	60,000	0		0	0	60,000	175,000	0	175,000	410,000				
2020	175,000	175,000	0		Total										
2021	0	0	0		0	0	60,000	175,000	0	175,000	410,000				
2022+	175,000	175,000	0	<b>Revenues</b>											
	<b>410,000</b>	<b>410,000</b>	<b>0</b>	169	Pay As You Go - Capital Reserve										
					0	0	60,000	175,000	0	175,000	410,000				
					Total										
					0	0	60,000	175,000	0	175,000	410,000				
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>											
		<b>Revenue</b>		<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>				
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Unknown	The lack of capital funding would result in further deterioration of the equipment and increase the likelihood of expenditures in the operating budget due to repairs.					0	0				
2015	120,000	120,000	0												
2016	18,000	18,000	0												
<b>Related Projects</b>															
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>							
2014	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %		Tom Marentette				Ongoing							



# Project Version Summary

<b>Project #</b>	PFO-002-12	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facility Operations
<b>Title</b>	Corporate Facility Maintenance Program - Structural Capital Repairs		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>								
This program is intended to fund structural & building envelope repairs at all corporately owned facilities. These improvements focus on the building envelope and structural repairs and generally have individual cost occurrences of less than \$50,000.				2017: allocation has been deferred to 2019. 2018: \$50,000 for 2450 McDougall front masonry facade. 2019+: Annual allocation of \$50,000 to proceed with repairs on an as needed, as funded basis.  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.								
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
7151017												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>		<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>								
2017	0	0	0	5410	Construction Contracts - TCA							
2018	50,000	50,000	0			0	50,000	100,000	50,000	50,000	50,000	300,000
2019	100,000	100,000	0									
2020	50,000	50,000	0									
2021	50,000	50,000	0									
2022+	50,000	50,000	0									
	<b>300,000</b>	<b>300,000</b>	<b>0</b>									
<b>Historical Approved Budget</b>				<b>Revenue</b>		<b>Revenues</b>						
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Pay As You Go - Capital Reserve</b>								
2015	75,000	75,000	0	169		0	50,000	100,000	50,000	50,000	50,000	300,000
<b>Related Projects</b>				<b>Operating Budget Impact</b>								
				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>			
				Unknown	No Operating Budget Impact			0	0			
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>				
2012	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %		Tom Graziano				Ongoing				



# Project Version Summary

<b>Project #</b>	PFO-002-14	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facility Operations
<b>Title</b>	Huron Lodge Facility Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
There are a number of corrections required at Huron Lodge. The most significant are correcting issues related to the building envelope water leaks (walls, windows, roof, and parapets), the heating, cooling, ventilation, & humidification systems, plumbing, and flooring repairs. An architectural/engineering consultant is required to assess the deficiencies and recommend the best, most cost effective solutions.				Consultant report and design to correct leaks into building. 2017: Kitchen Floor and walls - \$250,000 2022+: \$250,000 for wall protection board for the corridor walls +remaining \$250,000 for kitchen floor											
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
7153006															
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		<b>Revenue</b>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>				
2017	250,000	250,000	0	<b>Expenses</b>											
2018	0	0	0	5411	Construction Contracts-Non TCA										
2019	0	0	0		250,000	0	0	0	0	500,000	750,000				
2020	0	0	0		Total	250,000	0	0	0	500,000	750,000				
2021	0	0	0	<b>Revenues</b>											
2022+	500,000	500,000	0	160	Capital Expenditure Reserve										
	<b>750,000</b>	<b>750,000</b>	<b>0</b>		250,000	0	0	0	0	500,000	750,000				
<b>Historical Approved Budget</b>															
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>												
2015	100,000	100,000	0												
2016	250,000	250,000	0												
<b>Related Projects</b>				<b>Operating Budget Impact</b>											
				<b>Effective Date</b>		<b>Description</b>		<b>Exp/(Rev)</b>		<b>FTE Impact</b>					
				Unknown		No Operating Budget Impact		0		0					
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>							
2014	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %		Tom Marentette				2019+							





# Project Version Summary

<b>Project #</b>	PFO-003-11	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facility Operations
<b>Title</b>	Corporate Designated Substance Remediation Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<p>This program will fund the expenses incurred when Designated Substances, as defined in Ontario Regulation 490/90 of the OH&amp;S Act, are encountered and required to be properly managed in municipal buildings.</p> <p>These substances are sometimes encountered unexpectedly during renovation projects or are discovered through a targeted investigation.</p>											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
7001225- This capital project replaces The Asbestos Abatement Program.											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	100,000	100,000	0	5410 Construction Contracts - TCA							
2018	100,000	100,000	0		100,000	100,000	100,000	0	0	0	300,000
2019	100,000	100,000	0	<b>Total</b>	100,000	100,000	100,000	0	0	0	300,000
2020	0	0	0	<b>Revenues</b>							
2021	0	0	0	160 Capital Expenditure Reserve							
2022+	0	0	0		100,000	100,000	100,000	0	0	0	300,000
	<b>300,000</b>	<b>300,000</b>	<b>0</b>	<b>Total</b>	100,000	100,000	100,000	0	0	0	300,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	If the remediation required exceeds currently available funds, the impact on the operating budget will be significant.				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2011	January 1, 2016	Growth: 0.0 % Maintenance: 100.0 %		Tom Graziano				Ongoing			



# Project Version Summary

<b>Project #</b>	PFO-003-13	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facility Operations
<b>Title</b>	Art Gallery of Windsor Capital Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>														
Projected capital costs for the ongoing maintenance of the new Art Gallery.				The required capital maintenance repairs are referenced in Council Report #16252 approved via CR282/2012. The remaining repairs are as follows: 2018: Water sensors- \$50,000 LED Conversion- \$115,000 Wall Curtain- \$345,000 Roof Repair- \$520,000 Generator Replacement- \$290,000 2019+: Annual allotment of \$125,000 to be prioritized for various capital repairs and maintenance in the facility.														
<b>Project Comments/Reference</b>				<b>Version Comments</b>														
7119006				CR131/2014, Report #17162 approved a new Municipal Funding Agreement for the Gas Tax Funds in the years 2014-2018. As a result additional Gas Tax funds received are allocated to this project freeing up F169 Pay-As-You-Go funds earmarked for Fire Hall #8. Work still to be completed as per CR 282/2012.														
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>														
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>							
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>														
2017	0	0	0	5410	Construction Contracts - TCA													
2018	1,320,000	1,320,000	0		0	1,320,000	125,000	125,000	125,000	375,000	2,070,000							
2019	125,000	125,000	0		Total							0	1,320,000	125,000	125,000	125,000	375,000	2,070,000
2020	125,000	125,000	0	<b>Revenues</b>														
2021	125,000	125,000	0	169	Pay As You Go - Capital Reserve													
2022+	375,000	375,000	0		0	72,840	125,000	125,000	125,000	375,000	822,840							
	<b>2,070,000</b>	<b>2,070,000</b>	<b>0</b>	176	Federal Gas Tax Rebate													
					0	1,247,160	0	0	0	0	1,247,160							
					Total							0	1,320,000	125,000	125,000	125,000	375,000	2,070,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>														
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>							
<b>Related Projects</b>				Unknown	No Operating Budget Impact					0	0							
<b>Precedes</b>	<b>Project Title</b>																	
REC-001-14	Museum Expansion																	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>										
2013	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %		Tom Grazinao				2020+										



# Project Version Summary

<b>Project #</b>	PFO-003-14	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facility Operations
<b>Title</b>	Corporate Facilities Boiler Replacement Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>			
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
<p>The average life expectancy of a water boiler is approximately 15 to 20 years, with some failing sooner. Many of our facilities have boilers that are older and require replacement or major repair. New-generation boilers offer major increases in annual operating efficiency compared to boilers that are 10 or more years old.</p> <p>Annual funding of \$50,000 is being requested to replace aging boilers as they approach the end of their useful life.</p>				<p>The Building Condition Assessment project and continued collection of asset data will assist the department in inventory and detailing a replacement schedule.</p> <p>Enterprise Risk(s): This funding will mitigate against the identified Infrastructure enterprise risk. The lack of funding for these works will result in deferral of repairs and increase the likelihood of over expenditures in the operating budget when emergency repairs must be undertaken.</p>												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7142001																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>														
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>					
2017	0	0	0	<b>Expenses</b>												
2018	55,000	55,000	0	5410	Construction Contracts - TCA											
2019	89,500	89,500	0		0	55,000	89,500	0	0	0	144,500					
2020	0	0	0		0	55,000	89,500	0	0	0	144,500					
2021	0	0	0		0	55,000	89,500	0	0	0	144,500					
2022+	0	0	0	<b>Revenues</b>												
	<b>144,500</b>	<b>144,500</b>	<b>0</b>	169	Pay As You Go - Capital Reserve											
					0	55,000	89,500	0	0	0	144,500					
					<b>Total</b>	<b>0</b>	<b>55,000</b>	<b>89,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>144,500</b>				
<b>Historical Approved Budget</b>																
		<b>Revenue</b>														
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2014	55,500	55,500	0													
2015	50,000	50,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>		<b>Description</b>		<b>Exp/(Rev)</b>		<b>FTE Impact</b>						
				Unknown		No Operating Budget Impact		0		0						
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>								
2014	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %		Tom Graziano				Ongoing								



# Project Version Summary

<b>Project #</b>	PFO-004-12	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facility Operations
<b>Title</b>	Corporate Facilities Building Condition Assessments		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>									
With the help of a Consultant, each municipal facility shall be assessed and reported upon in terms of the key components of the building envelope and the building systems. Once completed, this assessment will form the framework for the creation of future capital budget requests over the next ten years. This project is critical in developing our asset management planning program.				Building condition assessment work will be ongoing. Funding from 2019-2021 will accumulate in order to perform the next phase of building condition assessments. This work will include building condition assessments of additional buildings and re-testing/re-inspecting as required.  Enterprise Risk(s): This funding will mitigate against the identified Infrastructure enterprise risk. This funding will help identify the infrastructure needs within Facilities so future costs can be projected.									
<b>Project Comments/Reference</b>				<b>Version Comments</b>									
7141021													
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>									
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>		
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>									
2017	0	0	0	5410	Construction Contracts - TCA								
2018	0	0	0		0	0	50,000	50,000	50,000	0	150,000		
2019	50,000	50,000	0		Total								
2020	50,000	50,000	0		0	0	50,000	50,000	50,000	0	150,000		
2021	50,000	50,000	0	<b>Revenues</b>									
2022+	0	0	0	169	Pay As You Go - Capital Reserve								
	<b>150,000</b>	<b>150,000</b>	<b>0</b>		0	0	50,000	50,000	50,000	0	150,000		
					Total								
					0	0	50,000	50,000	50,000	0	150,000		
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>									
		<b>Revenue</b>		<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>						
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	Unknown	The lack of capital funding would result in further deterioration of the equipment and increase the likelihood of expenditures in the operating budget due to repairs.	0	0						
2014	300,000	0	300,000										
<b>Related Projects</b>													
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>					
2012	January 1, 2014	Growth: 0.0 % Maintenance: 0.0 %		Tom Graziano				2021+					



# Project Version Summary

<b>Project #</b>	PFO-004-14	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facility Operations
<b>Title</b>	Facilities Operations Business Process Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
<p>The Facility Operations division has drastically changed from its initial roots. Over the years, Facility Operations has worked to identify the key services necessary to ensure corporate facilities are maintained and services are not disrupted. The department's corporate role has grown from a maintenance division to building administrators division which includes oversight of external agreements with 3rd party tenants such as the federal and provincial governments and management of high tech or high maintenance buildings such as the WIATC (water park) and the Capitol Theatre. As the Facility Operations division evolved over the last decade with a focus on real property management, the need to update business processes and utilize industry best practices has become increasingly crucial. The Parks department is also in a position to benefit from a business process review. Much of its processes rely on paper and the department has not had a comprehensive review of its business practices in a number of years.</p>				<p>This Business Process Review project will provide a comprehensive review of the administrative resources, procedures, project management practices and asset management processes in both the Facility and Park departments to create an efficient, effective and consistent system for managing the Corporation's complex and diverse facility portfolio. An internal review is being initiated and may identify external consulting needs. It is anticipated that a facilitator can assist in the work needed to complete a full business process review. This work would be to conduct meetings to gather information, to identify and streamline processes, to eliminate wasteful practices, to recommend best practices and to document these new procedures. One of the certain improvements to the business processes will involve an increased use of technology to allow for information exchange in the field. This will include identifying and purchasing the optimal type of hardware (e.g. tablets, laptops, etc.). Currently, most of the processes rely on paper so this will create much needed efficiencies. Software may also need to be purchased in order to create a more efficient process. Many of the Parks department's assets are not tracked in a database. During the business process review, it is likely that there will be costs associated with including Park's assets in an asset management database.</p>											
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
7141007				In 2014, surplus funds in the amount of \$240,000 was transferred from project ID 7059002 - Civic Image Features-Walker Road, per 2014 approved capital budget (CR#B38-2013), noted in the Historical Approved Budget section (i.e. Subsidies) to fund this project.											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		<b>Revenue</b>													
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>				
2017	0	0	0	<b>Expenses</b>											
2018	0	0	0	2915 Consulting Services - External											
2019	0	0	0												
2020	50,000	50,000	0	Total	0	0	0	50,000	0	0	50,000				
2021	0	0	0	<b>Revenues</b>											
2022+	0	0	0	169 Pay As You Go - Capital Reserve											
	<b>50,000</b>	<b>50,000</b>	<b>0</b>	Total	0	0	0	50,000	0	0	50,000				
<b>Historical Approved Budget</b>															
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>												
2014	275,000	35,000	240,000												
<b>Related Projects</b>				<b>Operating Budget Impact</b>											
				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>						
				Unknown	Operating budget impacts are noted above in Version Description.			0	0						
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>							
2014	January 1, 2020	Growth: 0.0 % Maintenance: 0.0 %		Tom Graziano/Mark Winterton				2020							



# Project Version Summary

<b>Project #</b>	PFO-009-11	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facility Operations
<b>Title</b>	Corporate Heating & Cooling Replacement/Repair Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>
To implement a proactive mechanism to allow heating and cooling system replacement to be planned for within the capital budget.
Annual funding of \$100,000 is being requested to prevent heating and cooling system failures from impeding the services provided by City of Windsor facilities and to reduce the occurrences of Health and Safety driven repairs as a result of Heating and Air Handler losses.

<b>Version Description</b>
This project will provide preventative maintenance on all city heating and cooling units to prevent system failures and extend their useful life. An annual budget of \$100,000 requested to cover material costs for regular and unforeseen maintenance that may arise in the year. Specific work identified at this time is as follows: 2017 - \$90,000 for Fire Hall #4 2018 - \$350,000 for Huron Lodge's other HVAC units, generators and boilers 2019 - \$400,000 for boiler at Central Library and HVAC fans on (3) floors (transferred from WPL-002-14) 2020 - \$350,000 for Willistead Cooling system and HVAC and \$50,000 for Capitol Theatre Other identified needs include: • 150,000 Mackenzie Hall for the HVAC • \$100,000 for the Capitol Theatre HVAC 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.

<b>Project Comments/Reference</b>
7121006 closed/ 7142000

<b>Version Comments</b>

<b>Project Forecast</b>		<b>Revenue</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
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	100,000	100,000	0
2022+	450,000	450,000	0
	<b>2,190,000</b>	<b>2,190,000</b>	<b>0</b>

<b>Project Detailed Forecast</b>		<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>GL Account</b>								
<b>Expenses</b>								
5410	Construction Contracts - TCA	190,000	450,000	500,000	500,000	100,000	450,000	2,190,000
	<b>Total</b>	<b>190,000</b>	<b>450,000</b>	<b>500,000</b>	<b>500,000</b>	<b>100,000</b>	<b>450,000</b>	<b>2,190,000</b>
<b>Revenues</b>								
160	Capital Expenditure Reserve	0	0	62,000	271,000	0	0	333,000
169	Pay As You Go - Capital Reserve	190,000	450,000	438,000	229,000	100,000	450,000	1,857,000
	<b>Total</b>	<b>190,000</b>	<b>450,000</b>	<b>500,000</b>	<b>500,000</b>	<b>100,000</b>	<b>450,000</b>	<b>2,190,000</b>

<b>Historical Approved Budget</b>		<b>Revenue</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2012	75,000	75,000	0
2014	100,000	100,000	0
2015	100,000	100,000	0
2016	205,000	205,000	0

Related Projects			Operating Budget Impact	
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date
2011	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Tom Graziano	Ongoing
			Effective Date	Description
			Unknown	The lack of capital funding would result in further deterioration of the equipment and increase the likelihood of expenditures in the operating budget due to repairs.
			Exp/(Rev)	FTE Impact
			0	0



# Project Version Summary

<b>Project #</b>	PFO-010-11	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facility Operations
<b>Title</b>	Corporate Facilities Flooring and Finishes Replacement Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
To replace and upgrade flooring, ceiling and wall finishes corporate wide in an effort to improve resistance to damage and reduce the cost of maintaining high traffic areas.				Funding is required to replace damaged and aged carpets and floor finishes that are beyond their life expectancy at various municipally owned facilities. An annual budget of \$100,000 will be used on a priority basis. Specific work currently identified will help prevent possible trip hazards by replacing and repairing deteriorated flooring. In 2019, the additional funds over and above the annual \$100,000 budget, will be used for flooring at libraries previously approved under WPL-010-11.  2019: \$130,000 allocated to flooring at libraries and \$30,000 pre-committed to Budimir expansion as per CR160/2016.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7155001				CR160/2016 Pre-committed \$30,000 (flooring) to 7159011 - Windsor Public Library Budimir (2019).												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>														
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>					
2017	100,000	100,000	0	<b>Expenses</b>												
2018	100,000	100,000	0	5410	Construction Contracts - TCA											
2019	260,000	260,000	0		100,000	100,000	260,000	100,000	100,000	400,000	1,060,000					
2020	100,000	100,000	0		Total	100,000	100,000	260,000	100,000	100,000	400,000	1,060,000				
2021	100,000	100,000	0	<b>Revenues</b>												
2022+	400,000	400,000	0	169	Pay As You Go - Capital Reserve											
	<b>1,060,000</b>	<b>1,060,000</b>	<b>0</b>		100,000	100,000	260,000	100,000	100,000	400,000	1,060,000					
				Total	100,000	100,000	260,000	100,000	100,000	400,000	1,060,000					
<b>Historical Approved Budget</b>																
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>													
2015	100,000	100,000	0													
2016	100,000	100,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>					
				Unknown	No Operating Budget Impact					0	0					
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>								
2011	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %		Tom Graziano				On-Going								





## Project Version Summary

<b>Project #</b>	PFO-014-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facility Operations
<b>Title</b>	Corporate Facilities Health & Safety Compliance Upgrades		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<p><b>Project Description</b></p> <p>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 &amp; Safety matters across the Corporation, with a limited corresponding source of funding. As identified in the recent OMBI performance indicators, Facilities Operations is responsible for providing service to over 1 million square feet of space among various City owned facilities. This includes ensuring that Health &amp; 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 &amp; Safety related upgrades will steadily increase.</p>	<p><b>Version Description</b></p> <p>Issues that will require attention as a result of various Provincial Ministry and Municipal orders include but are not limited to the following:</p> <ul style="list-style-type: none"> <li>- mould remediation</li> <li>- work environment illumination levels as set forth by the Ministry of Labour</li> <li>- washroom improvements</li> <li>- sidewalk/pathway trip hazards</li> <li>- flooring trip hazards &amp; other structural hazards</li> <li>- air quality &amp; noise improvements</li> <li>- Electrical Safety Authority Orders to Comply</li> <li>- Fire Prevention Officer Orders to Comply</li> </ul> <p>Outstanding orders from both the ESA and our own Health &amp; Safety team are currently being compiled. It should be noted that this represents a running total that is fluid and changes over time. We anticipate a backlog of work orders based on Bill C-45, although we'll deal with them as far as our funding will allow.</p> <p>It can be effectively demonstrated that more funds will be required in future years.</p>
<p><b>Project Comments/Reference</b></p> <p>7086007</p>	<p><b>Version Comments</b></p> <p>Health and Safety projects include but are not limited to:</p> <ul style="list-style-type: none"> <li>- the parking lighting poles at Huron Lodge as a structural hazard</li> <li>- the sidewalk/pathways at certain Fire Halls as a trip hazard</li> </ul>

Project Forecast				Project Detailed Forecast							
		Revenue		GL Account	2017	2018	2019	2020	2021	2022+	Total
Year	Total Expense	Net City Cost	Subsidies								
2017	150,000	150,000	0								
2018	150,000	150,000	0								
2019	100,000	100,000	0								
2020	100,000	100,000	0								
2021	100,000	100,000	0								
2022+	250,000	250,000	0								
	<b>850,000</b>	<b>850,000</b>	<b>0</b>								
Historical Approved Budget											
Year	Total Expense	Net City Cost	Subsidies								
2007	75,000	75,000	0								
2008	150,000	150,000	0								
2009	150,000	150,000	0								
2010	150,000	150,000	0								
2011	150,000	150,000	0								
2012	150,000	150,000	0								
2013	160,000	160,000	0								
2014	150,000	150,000	0								
2015	185,000	185,000	0								
Related Projects				Operating Budget Impact							
				Effective Date	Description	Exp/(Rev)	FTE Impact				
				Unknown	No Operating Budget Impact	0	0				
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date							
2007	January 1, 2007	Growth: 0.0 % Maintenance: 100.0 %	Tom Graziano	Ongoing							



# Project Version Summary

<b>Project #</b>	REC-004-08	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facility Operations
<b>Title</b>	The WFCU Centre Capital Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 6		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
<p>The WFCU Centre constructed in 2007/2008, will require ongoing capital maintenance and minor operational adjustments for the new fully operational state-of-the-art facility. Operation over the last four years has brought certain elements to management that needs to be addressed such as the zamboni floor drains that are too small and cannot keep up with the flow of water and therefore causing a health and safety issue. Storage areas need to be addressed due to the limitation of storage areas within the facility. A storage shed is required to store equipment, staging and chairs. These items are currently being stored in the back house which is crowded and causing a health and safety issue.</p>				<p>This facility is highly used by the City and other tenants such as Ovations, Seniors Group, Windsor Spitfires, Windsor Express and Global Spectrum.</p> <p>2017 - Rubber floor replacement            Dressing Room showers            Structural Assessments 2018            Cleaning Equipment            Consulting Project Management</p> <p>2019: Floor Drain (zamboni)            2020: Structural Report            2021: Suite level carpet            Replacement of four sliding doors            Paint dressing rooms            Replace carpet with rubber flooring            Hand Dryers/Blowers in the Restroom            Cleaning equipment            Leisure Gym Floor Refurbishment            Cement Floor Refurbishment</p> <p>2022+: Security Systems</p>											
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
7064900/7141006/7161046															
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		<b>Revenue</b>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>				
2017	430,000	430,000	0	5410 Construction Contracts - TCA											
2018	0	0	0		430,000	0	200,000	30,000	280,000	400,000	1,340,000				
2019	200,000	200,000	0	Total	430,000	0	200,000	30,000	280,000	400,000	1,340,000				
2020	30,000	30,000	0	<b>Revenues</b>											
2021	280,000	280,000	0	160 Capital Expenditure Reserve											
2022+	400,000	400,000	0		250,000	0	200,000	30,000	49,000	0	529,000				
	<b>1,340,000</b>	<b>1,340,000</b>	<b>0</b>	169 Pay As You Go - Capital Reserve											
					180,000	0	0	0	231,000	400,000	811,000				
				Total	430,000	0	200,000	30,000	280,000	400,000	1,340,000				
<b>Historical Approved Budget</b>															
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>												
2014	26,000	26,000	0												
2016	340,000	340,000	0												

Related Projects			Operating Budget Impact	
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date
2008	January 2, 2017	Growth: 0.0 % Maintenance: 100.0 %	Tom Graziano	Ongoing
			Effective Date	Description
			Unknown	The lack of capital funding would result in further deterioration of the asset and increase the likelihood of expenditures in the operating budget due to repairs.
			Exp/(Rev)	FTE Impact
			0	0



# Project Version Summary

<b>Project #</b>	REC-005-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facility Operations
<b>Title</b>	Corporate Arena Refurbishments		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 1, Ward 3, Ward 7		
<b>Version Name</b>	Main (Active)		

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

**Project Comments/Reference**  
 7069036  
 See attached document

<b>Project Forecast</b>		<b>Revenue</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2017	280,000	280,000	0
2018	250,000	250,000	0
2019	250,000	250,000	0
2020	280,000	280,000	0
2021	250,000	250,000	0
2022+	250,000	250,000	0
	<b>1,560,000</b>	<b>1,560,000</b>	<b>0</b>

<b>Historical Approved Budget</b>		<b>Revenue</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2009	200,000	200,000	0
2010	400,000	400,000	0
2011	150,000	150,000	0
2012	20,000	20,000	0
2013	20,000	20,000	0
2014	40,000	40,000	0
2015	250,000	250,000	0
2016	250,000	250,000	0

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

**Version Comments**

<b>Project Detailed Forecast</b>								
<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>	
<b>Expenses</b>								
5410	Construction Contracts - TCA							
	280,000	250,000	250,000	280,000	250,000	250,000	1,560,000	
	<u>Total</u>	<u>280,000</u>	<u>250,000</u>	<u>250,000</u>	<u>280,000</u>	<u>250,000</u>	<u>250,000</u>	<u>1,560,000</u>
<b>Revenues</b>								
169	Pay As You Go - Capital Reserve							
	280,000	250,000	250,000	280,000	250,000	250,000	1,560,000	
	<u>Total</u>	<u>280,000</u>	<u>250,000</u>	<u>250,000</u>	<u>280,000</u>	<u>250,000</u>	<u>250,000</u>	<u>1,560,000</u>

Related Projects			Operating Budget Impact		
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date	
			Effective Date	Description	Exp/(Rev) FTE Impact
			Unknown	No Operating Budget Impact	0 0
2007	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Jan Wilson/Tom Graziano	Ongoing	

Project #: REC-005-07

Project Name: Municipal Arenas Refurbishments

<b>2017</b>		
	<u>Estimated Value of Work</u>	<u>Budget Available</u>
FG - Rubber Flooring in Main Lobby	70,000	
SW - Floor Scrubber	20,000	
Mechanical/Fan/Dehumidifier/AC Upgrades	190,000	
<b>Total</b>	<b>280,000</b>	<b>280,000</b>
<b>2018</b>		
Structural Assessments	30,000	
Roof Upgrade - SWRC	200,000	
Equipment/Dehumidifier Upgrades	20,000	
<b>Total</b>	<b>250,000</b>	<b>250,000</b>
<b>2019</b>		
Flat Roof Upgrades - AK	50,000	
Mechanical Upgrade	200,000	
<b>Total</b>	<b>250,000</b>	<b>250,000</b>
<b>2020</b>		
Structural Assessments	30,000	
Mechanical Upgrade	250,000	
<b>Total</b>	<b>280,000</b>	<b>280,000</b>
<b>2021</b>		
Security System (card access and video surveillance)	250,000	
<b>Total</b>	<b>250,000</b>	<b>250,000</b>



# Project Version Summary

<b>Project #</b>	REC-006-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Facility Operations
<b>Title</b>	Mackenzie Hall Repair and Maintenance		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 2		
<b>Version Name</b>	Main (Active)		

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

**Version Description**  
 An annual allotment of \$50,000 for various repairs, maintenance and restorations to address Mackenzie Hall's unexpected needs and to perform proper maintenance as needed

**Project Comments/Reference**  
 7073051

**Version Comments**

<b>Project Forecast</b>		<b>Revenue</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2017	0	0	0
2018	0	0	0
2019	0	0	0
2020	0	0	0
2021	0	0	0
2022+	300,000	300,000	0
	<b>300,000</b>	<b>300,000</b>	<b>0</b>

<b>Project Detailed Forecast</b>		<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Expenses</b>								
5410	Construction Contracts - TCA							
		0	0	0	0	0	300,000	300,000
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>	<b>300,000</b>
<b>Revenues</b>								
169	Pay As You Go - Capital Reserve							
		0	0	0	0	0	300,000	300,000
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>	<b>300,000</b>

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



Related Projects			Operating Budget Impact	
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date
2007	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %	Derek Thachuk	Ongoing
			Effective Date	Description
			Unknown	The lack of capital funding would result in further deterioration of the asset and increase the likelihood of expenditures in the operating budget due to repairs.
			Exp/(Rev)	FTE Impact
			0	0



# Project Version Summary

<b>Project #</b>	ECP-001-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Citywide Streetlight Pole/Wiring Upgrades & Relocations		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>																
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				2017 - 2021: Street light relocations, upgrades to street light poles and wiring citywide - Citywide street light relocation due to Enwin capital hydro project upgrades and upgrades to street light poles and wiring.																
<b>Project Comments/Reference</b>				<b>Version Comments</b>																
(7093003 closed) 7035011																				
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>																
		<b>Revenue</b>																		
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>									
2017	400,000	400,000	0	<b>Expenses</b>																
2018	700,000	700,000	0	5410	Construction Contracts - TCA															
2019	520,000	520,000	0		400,000	700,000	520,000	240,000	500,000	1,000,000	3,360,000									
2020	240,000	240,000	0		Total							400,000	700,000	520,000	240,000	500,000	1,000,000	3,360,000		
2021	500,000	500,000	0	<b>Revenues</b>																
2022+	1,000,000	1,000,000	0	169	Pay As You Go - Capital Reserve															
	<b>3,360,000</b>	<b>3,360,000</b>	<b>0</b>		400,000	700,000	520,000	240,000	500,000	1,000,000	3,360,000									
					<b>Total</b>	<b>400,000</b>	<b>700,000</b>	<b>520,000</b>	<b>240,000</b>	<b>500,000</b>	<b>1,000,000</b>	<b>3,360,000</b>								
<b>Historical Approved Budget</b>																				
		<b>Revenue</b>																		
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>																	
2007	200,000	200,000	0																	
2008	375,000	375,000	0																	
2009	800,000	800,000	0																	
2010	800,000	800,000	0																	
2011	850,000	100,000	750,000																	
2015	120,000	120,000	0																	
2016	340,000	340,000	0																	
<b>Related Projects</b>				<b>Operating Budget Impact</b>																
				<b>Effective Date</b>		<b>Description</b>		<b>Exp/(Rev)</b>		<b>FTE Impact</b>										
				Unknown		Upgraded street light equipment is likely to result in reduced energy and maintenance costs.		0		0										
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>												
2007	January 1, 2007	Growth: 0.0 % Maintenance: 100.0 %		Tiffany Pocock				Ongoing												



# Project Version Summary

<b>Project #</b>	ECP-001-10	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Upper Little River Stormwater Management Plan and Implementation		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Sewers		
<b>Wards</b>	Ward 9		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
To provide storm water drainage outlet and regional storm water management facilities for the Sandwich South Employment Lands. Upper Little River Storm Water Study was initiated to develop a plan for the provision, protection, enhancement and restoration of the drainage system. To be constructed in phases.  Note: Project estimate includes cost for land acquisitions.				2018: Engineering - \$500,000 2022+: Phased Engineering, Land Acquisition and Construction - \$194,000,000 Approval of the hospital project may require an acceleration of funding to accommodate the City's connection and drains.							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
7155000											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	2915 Consulting Services - External							
2018	500,000	500,000	0		0	500,000	0	0	0	0	500,000
2019	0	0	0	5410 Construction Contracts - TCA							
2020	0	0	0		0	0	0	0	0	194,000,00	194,000,00
2021	0	0	0							0	0
2022+	194,000,000	194,000,000	0							0	0
	<b>194,500,000</b>	<b>194,500,000</b>	<b>0</b>	<b>Total</b>	<b>0</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>194,000,00</b>	<b>194,500,00</b>
				<b>Revenues</b>							
		<b>Revenue</b>		028 Sewer Surcharge							
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>		0	185,000	0	0	0	194,000,00	194,185,00
2015	250,000	250,000	0	117 Dev Chg - Storm & Drains							
					0	315,000	0	0	0	0	315,000
				169 Pay As You Go - Capital Reserve							
					0	0	0	0	0	0	0
				<b>Total</b>	<b>0</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>194,000,00</b>	<b>194,500,00</b>
				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>				
				Unknown	Depending on the final design of the drainage system, there may be additional drain maintenance costs.	0	0				
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>							
2010	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %	Anna Godo	2022 & Beyond							



# Project Version Summary

<b>Project #</b>	ECP-002-08	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Provincial Rd./Division Rd. Corridor Infrastructure Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	Ward 9		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>
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.

<b>Version Description</b>
Provincial/Division Corridor Improvements: Note: Estimates do not include utilities, land acquisition or storm sewers. 2017: Improvements to N. Roseland Stormwater Facility - \$2,000,000 2019: Improvements to N. Roseland Stormwater Facility - \$2,000,000 2020: Improvements to N. Roseland Stormwater Facility - \$1,850,000 2021: Engineering / Property Acquisition - Provincial / Sixth Concession Intersection - \$2,000,000 2022+: Provincial / Sixth Concession Intersection - \$5,500,000 Provincial - Sixth Concession to Legacy Park - \$9,600,000 Phased Construction - \$45,800,000

<b>Project Comments/Reference</b>
7086003

<b>Version Comments</b>

<b>Project Forecast</b>		<b>Revenue</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2017	2,000,000	2,000,000	0
2018	0	0	0
2019	2,000,000	2,000,000	0
2020	1,850,000	1,850,000	0
2021	2,000,000	2,000,000	0
2022+	60,900,000	60,900,000	0
	<b>68,750,000</b>	<b>68,750,000</b>	<b>0</b>

<b>Project Detailed Forecast</b>		<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>GL Account</b>								
<b>Expenses</b>								
5410	Construction Contracts - TCA							
		2,000,000	0	2,000,000	1,850,000	2,000,000	60,900,000	68,750,000
	<b>Total</b>	<b>2,000,000</b>	<b>0</b>	<b>2,000,000</b>	<b>1,850,000</b>	<b>2,000,000</b>	<b>60,900,000</b>	<b>68,750,000</b>
<b>Revenues</b>								
028	Sewer Surcharge							
		1,500,000	0	2,000,000	1,150,000	0	0	4,650,000
115	Dev Chg - Roads & Related					375,000	0	375,000
		0	0	0	0			
117	Dev Chg - Storm & Drains				700,000	0	0	1,200,000
		500,000	0	0				
153	Sewer Surcharge							
		0	0	0	0	0	0	0
169	Pay As You Go - Capital Reserve					1,625,000	60,900,000	62,525,000
		0	0	0	0			
	<b>Total</b>	<b>2,000,000</b>	<b>0</b>	<b>2,000,000</b>	<b>1,850,000</b>	<b>2,000,000</b>	<b>60,900,000</b>	<b>68,750,000</b>

<b>Historical Approved Budget</b>		<b>Revenue</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2008	120,000	120,000	0
2009	600,000	600,000	0
2010	8,226,666	4,226,666	4,000,000
2016	3,069,000	3,069,000	0

<b>Related Projects</b>

<b>Operating Budget Impact</b>		<b>Exp/(Rev)</b>	<b>FTE Impact</b>
<b>Effective Date</b>	<b>Description</b>		
Unknown	Depending on the final design, there may be additional sewer and road maintenance costs.	0	0

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>
2008	January 1, 2009	Growth: 100.0 % Maintenance: 0.0 %	Jane He	2022 & Beyond



# Project Version Summary

<b>Project #</b>	ECP-002-10	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Banwell Rd. Infrastructure Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	Ward 7, Ward 9		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
The draft Environmental Study Report contains recommendations on construction phasing for improvements to Banwell Road. The limits of the study are from Tecumseh Rd. E. to the City Limits (Canadian Pacific Railway). This project includes a new grade separation at E.C. Row Expressway.				2020: Design Banwell / EC Row Interchange - \$1,000,000 2021: Design / Property Acquisition - Banwell / EC Row Interchange - \$1,000,000 2022+: Interchange Construction Phase II - Overpass - \$32,500,000 Phased Construction - \$50,000,000							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<b>Expenses</b>							
2017	0	0	0	5410	Construction Contracts - TCA						
2018	0	0	0		0	0	0	1,000,000	1,000,000	82,500,000	84,500,000
2019	0	0	0		Total						
2020	1,000,000	1,000,000	0		0	0	0	1,000,000	1,000,000	82,500,000	84,500,000
2021	1,000,000	1,000,000	0	<b>Revenues</b>							
2022+	82,500,000	82,500,000	0	115	Dev Chg - Roads & Related						
	<b>84,500,000</b>	<b>84,500,000</b>	<b>0</b>		0	0	0	1,000,000	1,000,000	0	2,000,000
<b>Historical Approved Budget</b>											
<b>Related Projects</b>				<b>Operating Budget Impact</b>							
<b>Precedes</b>	<b>Project Title</b>			<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
ECP-009-07	Intersection Improvements Program			Unknown	Depending on the final design, there may be additional road maintenance costs.				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2010	January 1, 2020	Growth: 0.0 % Maintenance: 0.0 %		Anna Godo				2022 & Beyond			



# Project Version Summary

<b>Project #</b>	ECP-003-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Grand Marais Rd. Infrastructure Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	Ward 10		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>								
Due to development in the area and standard road conditions, road improvements are required from Walker to Howard. The ESR for this project was completed in 2000.				2017: Land Acquisition - \$60,000 2018: Land Acquisition - \$340,000 2022+: Construction: Parent to Walker - \$7,600,000 2022+: Construction: Howard to Parent - \$2,800,000								
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
7031012 Closed/7141017												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<b>Expenses</b>								
2017	60,000	60,000	0	5410	Construction Contracts - TCA							
2018	340,000	340,000	0		60,000	340,000	0	0	0	10,400,000	10,800,000	
2019	0	0	0		<hr/>							
2020	0	0	0		Total	60,000	340,000	0	0	0	10,400,000	10,800,000
2021	0	0	0	<b>Revenues</b>								
2022+	10,400,000	10,400,000	0	115	Dev Chg - Roads & Related							
	<b>10,800,000</b>	<b>10,800,000</b>	<b>0</b>		0	340,000	0	0	0	0	340,000	
<b>Historical Approved Budget</b>												
		<b>Revenue</b>										
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>									
2014	375,000	375,000	0									
<b>Related Projects</b>				<b>Operating Budget Impact</b>								
				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>			
				Unknown	Depending on the final design, there may be additional road maintenance costs.			0	0			
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>				
2007	January 1, 2015	Growth: 100.0 % Maintenance: 0.0 %		Sergio Colucci				2022 & Beyond				



# Project Version Summary

<b>Project #</b>	ECP-003-08	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Howard Ave. South Corridor Infrastructure Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	Ward 1, Ward 9		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
Improvements to the Howard Avenue corridor are required as a result of traffic growth from expanded residential and commercial activity. The ESR for this project was completed in 2003. Limits of entire project are South Cameron Blvd. to Herb Gray Parkway.				2020: Engineering - \$350,000 2022+: Land Acquisition - Howard / Lake Trail - \$50,000 2022+: Construction - Howard / Lake Trail - \$5,800,000 2022+: Phased Construction - \$36,600,000												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7096001																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>														
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>					
2017	0	0	0	<b>Expenses</b>												
2018	0	0	0	2915	Consulting Services - External											
2019	0	0	0		0	0	0	350,000	0	0	350,000					
2020	350,000	350,000	0	5210	Land Acquisition											
2021	0	0	0		0	0	0	0	0	50,000	50,000					
2022+	42,450,000	42,450,000	0	5410	Construction Contracts - TCA											
	<b>42,800,000</b>	<b>42,800,000</b>	<b>0</b>		0	0	0	0	0	42,400,000	42,400,000					
				<b>Total</b>		0	0	0	350,000	0	42,450,000	42,800,000				
<b>Historical Approved Budget</b>				<b>Revenues</b>												
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	169	Pay As You Go - Capital Reserve											
2009	150,000	150,000	0		0	0	0	350,000	0	42,450,000	42,800,000					
				<b>Total</b>		0	0	0	350,000	0	42,450,000	42,800,000				
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>					
				Unknown	Depending on the final design, there may be additional sewer and road maintenance costs.					0	0					
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>								
2008	January 1, 2010	Growth: 0.0 % Maintenance: 0.0 %		Sergio Colucci				2022 & Beyond								





# Project Version Summary

<b>Project #</b>	ECP-003-09	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Cabana Rd. Infrastructure Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	Ward 1, Ward 9		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>
Improvements on Cabana Rd. are required as a result of traffic growth, development of surrounding neighbourhoods and intensification. The Environmental Study Report was approved in 2008. As a result of the expected impacts stemming from the proposed location of the new acute care hospital, Council authorized Administration to proceed with design and contract administration of the Cabana Road Environmental Assessment implementation as per CR234/2015.

<b>Version Description</b>
Timing of improvements: 2017: Land Acquisition and Construction (continued) - Howard to Provincial - \$6,468,000 2018: Engineering, Land Acquisition and Construction - Dougall to Howard - \$4,060,000 2019: Engineering, Land Acquisition and Construction - Dominion to Dougall - \$4,014,140 2020: Land Acquisition and Construction (continued) - Dominion to Dougall - \$10,565,860 2021: Engineering, Land Acquisition and Construction - Dominion to Glenwood - \$7,630,000 2022: Engineering, Land Acquisition and Construction - Provincial to Walker - \$3,430,000 2023: Land Acquisition and Construction (continued) - Provincial to Walker - \$3,430,000 2025: Engineering, Land Acquisition and Construction - Glenwood to Huron Church - \$3,150,000 Timing of funding as shown below.

<b>Project Comments/Reference</b>
(7092005 Closed) 7152001

<b>Version Comments</b>
CR234/2015, Report #18030 pre-commits the Cabana Road work in various phases.

<b>Project Forecast</b>		<b>Revenue</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2017	6,468,000	6,468,000	0
2018	4,060,000	3,735,000	325,000
2019	3,830,325	3,830,325	0
2020	6,644,674	6,644,674	0
2021	6,056,742	6,056,742	0
2022+	16,013,259	16,013,259	0
	<b>43,073,000</b>	<b>42,748,000</b>	<b>325,000</b>

<b>Project Detailed Forecast</b>		<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>GL Account</b>								
<b>Expenses</b>								
5410	Construction Contracts - TCA							
		6,468,000	4,060,000	3,830,325	6,644,674	6,056,742	16,013,259	43,073,000
	<b>Total</b>	<b>6,468,000</b>	<b>4,060,000</b>	<b>3,830,325</b>	<b>6,644,674</b>	<b>6,056,742</b>	<b>16,013,259</b>	<b>43,073,000</b>
<b>Revenues</b>								
028	Sewer Surcharge							
		0	0	0	2,119,674	2,881,372	4,825,723	9,826,769
115	Dev Chg - Roads & Related							
		6,399,000	1,642,675	315,325	175,000	0	0	8,532,000
117	Dev Chg - Storm & Drains							
		69,000	540,000	0	0	0	0	609,000
169	Pay As You Go - Capital Reserve							
		0	1,552,325	3,515,000	4,350,000	3,175,370	11,187,536	23,780,231
6310	Ontario Specific Grants							
		0	325,000	0	0	0	0	325,000
	<b>Total</b>	<b>6,468,000</b>	<b>4,060,000</b>	<b>3,830,325</b>	<b>6,644,674</b>	<b>6,056,742</b>	<b>16,013,259</b>	<b>43,073,000</b>

<b>Historical Approved Budget</b>		<b>Revenue</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2009	200,000	200,000	0
2015	125,000	125,000	0
2016	3,612,000	3,612,000	0

Related Projects			Operating Budget Impact			
Follows	Project Title		Effective Date	Description	Exp/(Rev)	FTE Impact
ECP-027-07	Lennon Drain Improvements		Unknown	Upon completion of this project, road maintenance costs due to patching and maintaining gravel shoulders will decrease. These savings, however, will be offset by other road maintenance and snow removal costs resulting from the increased surface area of the road. Operating cost figures cannot be determined at this time as the project is still in its' preliminary stages, however, it is assumed that costs will be lower immediately following completion of the project and will escalate as the road ages.	0	0
Year Identified	Start Date	Project Type for 2017	Project Lead		Est. Completion Date	
2009	January 1, 2016	Growth: 50.0 % Maintenance: 50.0 %	Jane He		Ongoing	



# Project Version Summary

<b>Project #</b>	ECP-004-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Walker Rd. Infrastructure Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	Ward 5, Ward 9, Ward 10		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>								
Walker Rd. from Riverside Dr. E. to Hwy. 401. Road improvements are required due to the increased traffic throughout the Walker Rd. Corridor. Improvements include laying concrete pavement, enclosing roadside ditches with storm sewers, relocating utilities, widening a rail crossing, constructing proper pedestrian facilities and constructing a new watermain. The ESR for this project was completed in 2001. To date, approx. 80% of this project has been completed.				2022+: Phased Construction - Foster Ave. to Airport Rd. - \$18,000,000 Engineering and Construction - Temple Drive extension - \$3,400,000								
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
7092016 ISF, 7104001				Through the LGWEM border projects, the Province of Ontario allocated \$15m in funding to complete improvements to Walker Rd. from Digby to Division. Future allocations are required to complete construction from Foster Ave. to Airport Rd. as well as Temple Dr. extension.								
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<b>Expenses</b>								
2017	0	0	0	5410	Construction Contracts - TCA							
2018	0	0	0		0	0	0	0	0	21,400,000	21,400,000	
2019	0	0	0		Total							
2020	0	0	0		0	0	0	0	0	21,400,000	21,400,000	
2021	0	0	0	<b>Revenues</b>								
2022+	21,400,000	21,400,000	0	169	Pay As You Go - Capital Reserve							
	<b>21,400,000</b>	<b>21,400,000</b>	<b>0</b>		0	0	0	0	0	21,400,000	21,400,000	
<b>Historical Approved Budget</b>												
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>									
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									
<b>Related Projects</b>				<b>Operating Budget Impact</b>								
				<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>					
				Unknown	Depending on the final design, there may be additional sewer and road maintenance costs.	0	0					
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>				
2007	January 1, 2007	Growth: 0.0 % Maintenance: 0.0 %		Tiffany Pocock				2022 & Beyond				



# Project Version Summary

<b>Project #</b>	ECP-004-08	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Municipal Drains Capital Improvement Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Sewers		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>
Maintenance of Municipal Drains as required under the Drainage Act, s74 (Maintenance of drainage works and cost) and s79(1) (Power to compel repairs). Section 79(1) provides any person affected by the condition of a drain the power to compel repairs and places potential liability on the responsible municipality.

<b>Version Description</b>
Municipal Drains: 2017: Drainage Engineer Reports and maintenance as required - \$100,000. 2018: Drainage Engineer Reports and maintenance as required - \$200,000. 2020: Drainage Engineer Reports and maintenance as required - \$200,000. 2021: Drainage Engineer Reports and maintenance as required - \$200,000. 2022+: Drainage Engineer Reports and maintenance as required - \$200,000.

<b>Project Comments/Reference</b>
7086004

<b>Version Comments</b>

<b>Project Forecast</b>		<b>Revenue</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2017	100,000	100,000	0
2018	200,000	200,000	0
2019	0	0	0
2020	200,000	200,000	0
2021	200,000	200,000	0
2022+	200,000	200,000	0
	<b>900,000</b>	<b>900,000</b>	<b>0</b>

<b>Project Detailed Forecast</b>							
<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>
<b>Expenses</b>							
2950	Other Prof Services-External						
	100,000	200,000	0	200,000	200,000	200,000	900,000
	<b>Total</b>	<b>100,000</b>	<b>200,000</b>	<b>0</b>	<b>200,000</b>	<b>200,000</b>	<b>900,000</b>
<b>Revenues</b>							
028	Sewer Surcharge						
	100,000	200,000	0	200,000	200,000	200,000	900,000
	<b>Total</b>	<b>100,000</b>	<b>200,000</b>	<b>0</b>	<b>200,000</b>	<b>200,000</b>	<b>900,000</b>

<b>Historical Approved Budget</b>		<b>Revenue</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
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

<b>Operating Budget Impact</b>			
<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>
Unknown	No Operating Budget Impact	0	0

<b>Related Projects</b>

<b>Operating Budget Impact</b>			
<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>
Unknown	No Operating Budget Impact	0	0

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>
2008	January 1, 2008	Growth: 0.0 % Maintenance: 100.0 %	Anna Godo	Ongoing



# Project Version Summary

<b>Project #</b>	ECP-004-09	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Stormwater and Sanitary Master Plan Development		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Sewers		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
The need for these Master plans was recognized as a result of several factors, including the acquisition of the Sandwich South Lands and the completion of many of the Priority 1 Storm Sewer projects. Over the past 50 years, many studies have been undertaken for Storm and Sanitary Drainage areas. In addition, the current CCTV sewer program will identify areas of concern for sewer replacement. The resulting Stormwater and Sanitary master plans will provide consolidation of the various Storm and Sanitary studies and identify Storm and Sanitary priority lists for future Capital Works Budgets. Depending on legislation, there may be a requirement to accelerate completion of the Master Plan. Source Water Protection Policies may require monitoring of combined sewer overflow outfalls within the areas of concern.				2018: Drainage area sewer studies as prioritized by Sewer Master Plans - \$750,000 2022+: Drainage area sewer studies as prioritized by Sewer Master Plans - \$750,000							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
7124000				As per CR76/2013, R#16492, Council pre-committed \$500,000 in 2014 and \$341,000 in 2015 for flow monitoring, data collection and hydraulic modelling.							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	2951	INTERNAL Service Salary Allocn						
2018	750,000	750,000	0			0	750,000	0	0	750,000	1,500,000
2019	0	0	0								
2020	0	0	0								
2021	0	0	0								
2022+	750,000	750,000	0								
	<b>1,500,000</b>	<b>1,500,000</b>	<b>0</b>								
<b>Historical Approved Budget</b>				<b>Revenues</b>							
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	028	Sewer Surcharge						
2012	250,000	250,000	0			0	250,000	0	0	750,000	1,000,000
2013	200,000	200,000	0								
2014	500,000	500,000	0								
2015	700,000	700,000	0								
<b>Related Projects</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>				
				Unknown	No Operating Budget Impact	0	0				
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>				<b>Est. Completion Date</b>				

2009	January 1, 2013	Growth: 0.0 % Maintenance: 0.0 %	Anna Godo	2022 & Beyond
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# Project Version Summary

<b>Project #</b>	ECP-005-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Tecumseh Rd. E. Infrastructure Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	Ward 7, Ward 8		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>								
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 water mains and other utilities and extend the sanitary sewer. As of 2016, Jefferson to Lauzon Rd. has been completed.				2020: Design – Tecumseh Rd. E. / Forest Glade Dr. Intersection -\$50,000 2021: Design - Tecumseh Rd. E./Forest Glade Dr. intersection -\$450,000 2022+: Land Acquisition, Utility Relocation & Construction - Tecumseh Rd. E./Forest Glade Dr. intersection - \$6,100,000 Design & Construction of Little River Bridge - \$8,000,000 Design, Land Acquisition & Construction - Lauzon Rd. to Forest Glade Dr. - \$9,800,000 Jefferson Boulevard from Tecumseh Rd. E. to Rose Avenue -\$2,800,000 Staged construction for remainder of improvements - \$23,100,000								
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
7092017 ISF				Until this is completed, the 2014 Enhanced Capital Budget approved milling and paving for Tecumseh Rd. - Forest Glade to Banwell.								
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>								
2017	0	0	0	5410	Construction Contracts - TCA							
2018	0	0	0		0	0	0	50,000	450,000	49,800,000	50,300,000	
2019	0	0	0		Total							
2020	50,000	50,000	0		0	0	0	50,000	450,000	49,800,000	50,300,000	
2021	450,000	450,000	0	<b>Revenues</b>								
2022+	49,800,000	49,800,000	0	115	Dev Chg - Roads & Related							
	<b>50,300,000</b>	<b>50,300,000</b>	<b>0</b>		0	0	0	0	450,000	0	450,000	
<b>Historical Approved Budget</b>				169 Pay As You Go - Capital Reserve								
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>		0	0	0	50,000	0	49,800,000	49,850,000	
2009	5,400,000	1,800,000	3,600,000		Total							
2010	3,000,000	1,000,000	2,000,000		0	0	0	50,000	450,000	49,800,000	50,300,000	
<b>Related Projects</b>				<b>Operating Budget Impact</b>								
				<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>					
				Unknown	By undertaking this project in 2022+, the maintenance division will have to do road repairs in 2017.	0	0					
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>				
2007	January 1, 2009	Growth: 0.0 % Maintenance: 0.0 %		Wes Hicks				December 2025				





# Project Version Summary

<b>Project #</b>	ECP-005-08	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Grand Marais Drain Improvements (Concrete Channel)		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Sewers		
<b>Wards</b>	Ward 10		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
Portions of the existing concrete channel between Dougall Avenue and Huron Church Road is in poor structural condition and as a result reconstruction of portions of the channel and panels are required. An environmental study report was completed in June of 2012 which identified various options including naturalising/enclosing portions of the existing concrete channel.				Grand Marais Drain Improvements (Concrete Channel): 2022+: Phased Construction - \$38,200,000											
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
7086005															
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		<b>Revenue</b>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>				
2017	0	0	0	<b>Expenses</b>											
2018	0	0	0	5410	Construction Contracts - TCA										
2019	0	0	0		0	0	0	0	0	38,200,000	38,200,000				
2020	0	0	0	Total	0	0	0	0	0	38,200,000	38,200,000				
2021	0	0	0	<b>Revenues</b>											
2022+	38,200,000	38,200,000	0	028	Sewer Surcharge										
<b>38,200,000</b>	<b>38,200,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>															
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>												
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												
<b>Related Projects</b>				<b>Operating Budget Impact</b>											
				<u>Effective Date</u>	<u>Description</u>					<u>Exp/(Rev)</u>	<u>FTE Impact</u>				
				Unknown	Depending on the final design, there may be additional drain maintenance costs.					0	0				
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>							
2008	January 1, 2010	Growth: 0.0 % Maintenance: 0.0 %		Anna Godo				2022 & Beyond							



# Project Version Summary

<b>Project #</b>	ECP-005-10	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Local Improvement Program - Road Rehabilitation		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
This program relates to roads having a rural cross-section that are in need of pavement rehabilitation and that do not require sewer rehabilitation. This funding is to be used to finance the construction of curbing and boulevard restoration, while the pavement rehabilitation will be funded through the City-Wide Road Rehabilitation Program.				Proposed Local Improvement Petitions: Tourangeau - Grand Marais to Plymouth Radisson - West Grand to Norfolk Woodlawn - West Grand to Norfolk												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7111012																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>														
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>					
2017	0	0	0	<b>Expenses</b>												
2018	0	0	0	5410	Construction Contracts - TCA											
2019	250,000	250,000	0		0	0	250,000	200,000	200,000	200,000	200,000	850,000				
2020	200,000	200,000	0	Total	0	0	250,000	200,000	200,000	200,000	200,000	850,000				
2021	200,000	200,000	0	<b>Revenues</b>												
2022+	200,000	200,000	0	169	Pay As You Go - Capital Reserve											
	<b>850,000</b>	<b>850,000</b>	<b>0</b>		0	0	250,000	200,000	200,000	200,000	200,000	850,000				
				Total	0	0	250,000	200,000	200,000	200,000	200,000	850,000				
<b>Historical Approved Budget</b>																
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2011	300,000	300,000	0													
2016	200,000	200,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>					
				Unknown	The streets listed above all require high maintenance. Any delay in funding will require temporary asphalt repairs out of the operating budget.					0	0					
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>								
2010	January 1, 2012	Growth: 0.0 % Maintenance: 0.0 %		Wes Hicks/Wade Bondy				Ongoing								



# Project Version Summary

<b>Project #</b>	ECP-006-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Howard Ave. Infrastructure Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
Howard Avenue - Erie Street East to Tecumseh Road East. The ESR for this project was completed in 2002. Road improvements have been implemented. Sewer improvements are still required due to deficiencies which have caused flooding.				2022+: Outlet sewers/road reconstruction on Giles Blvd. and Ellis Street from McDougall to Howard - \$3,550,000 This is necessary because Giles Blvd. and Ellis St. sewers provide relief for the Howard Ave. sewers.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>					
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2017	0	0	0	5410	Construction Contracts - TCA											
2018	0	0	0		0	0	0	0	0	3,550,000	3,550,000					
2019	0	0	0		Total							0	3,550,000	3,550,000		
2020	0	0	0	<b>Revenues</b>												
2021	0	0	0	169	Pay As You Go - Capital Reserve											
2022+	3,550,000	3,550,000	0		0	0	0	0	0	3,550,000	3,550,000					
	<b>3,550,000</b>	<b>3,550,000</b>	<b>0</b>		Total							0	3,550,000	3,550,000		
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>												
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>					
				Unknown	Depending on the final design, there may be decreased sewer maintenance costs.				0	0						
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>								
2007	January 1, 2022	Growth: 0.0 % Maintenance: 0.0 %		Wes Hicks				2022 & Beyond								



# Project Version Summary

<b>Project #</b>	ECP-007-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Local Improvement Program - Infrastructure		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>										
This program relates to the contribution of roads, alleys, sidewalks, streetlight and drainage as local improvements.				A review of rural cross-section roads has been undertaken. At this point in time, there are a significant number of these roads where the sewers do not have CCTV ratings which makes it nearly impossible to prioritize the potential projects. Therefore, a listing is not provided at this time and will be reported to Council once we are able to prioritize the roadway segments.										
<b>Project Comments/Reference</b>				<b>Version Comments</b>										
(7071033/7091004/7102001 closed)														
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>										
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>			
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<b>Expenses</b>										
2017	260,000	260,000	0	5410	Construction Contracts - TCA									
2018	540,000	460,000	80,000		260,000	540,000	1,000,000	1,744,800	1,500,000	12,419,500	17,464,300			
2019	1,000,000	900,000	100,000		<hr/>									
2020	1,744,800	1,394,800	350,000		Total	260,000	540,000	1,000,000	1,744,800	1,500,000	12,419,500	17,464,300		
2021	1,500,000	1,369,280	130,720	<b>Revenues</b>										
2022+	12,419,500	11,337,180	1,082,320	028	Sewer Surcharge									
	<b>17,464,300</b>	<b>15,721,260</b>	<b>1,743,040</b>		0	115,000	0	273,700	545,562	4,517,071	5,451,333			
<b>Historical Approved Budget</b>				<b>Revenue</b>										
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	153	Sewer Surcharge									
2007	1,352,000	1,300,000	52,000		65,000	0	225,000	75,000	0	0	365,000			
2009	1,910,000	1,853,000	57,000	169	Pay As You Go - Capital Reserve									
2010	1,945,000	1,650,000	295,000		195,000	345,000	675,000	1,046,100	823,718	6,820,109	9,904,927			
2011	1,140,000	970,000	170,000	6735	Recovery Of Expenses EXTERNAL									
					0	80,000	100,000	350,000	130,720	1,082,320	1,743,040			
					Total	260,000	540,000	1,000,000	1,744,800	1,500,000	12,419,500	17,464,300		
<b>Related Projects</b>				<b>Operating Budget Impact</b>										
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>			
				Unknown	Depending on the final design, there may be decreased road maintenance costs.				0	0				
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>										
2007	January 1, 2007	Growth: 100.0 % Maintenance: 0.0 %	Jane He	Ongoing										



# Project Version Summary

<b>Project #</b>	ECP-008-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Pedestrian Safety Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>								
Placeholder to be used based on priority analysis for various locations. - School approach sidewalks - Transit route sidewalks				There is currently funding available from previous year's Capital Budgets, for this program, to deal with any requests and needs in this area.								
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
7045034												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>		<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<b>Expenses</b>								
2017	0	0	0	5410 Construction Contracts - TCA								
2018	0	0	0			0	0	100,000	0	0	0	100,000
2019	100,000	100,000	0	Total		0	0	100,000	0	0	0	100,000
2020	0	0	0	<b>Revenues</b>								
2021	0	0	0	160 Capital Expenditure Reserve								
2022+	0	0	0			0	0	0	0	0	0	0
	<b>100,000</b>	<b>100,000</b>	<b>0</b>	169 Pay As You Go - Capital Reserve								
				Total		0	0	100,000	0	0	0	100,000
						0	0	100,000	0	0	0	100,000
<b>Historical Approved Budget</b>												
		<b>Revenue</b>		<b>Effective Date</b>		<b>Description</b>		<b>Exp/(Rev)</b>	<b>FTE Impact</b>			
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	Unknown		Depending on the final design, there may be increased sidewalk maintenance costs.		0	0			
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									
<b>Related Projects</b>				<b>Operating Budget Impact</b>								
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>				
2007	January 1, 2008	Growth: 0.0 % Maintenance: 0.0 %		Sergio Colucci/Mike Abaldo				Ongoing				



# Project Version Summary

<b>Project #</b>	ECP-009-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Intersection Improvements Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Road Safety (Active)		

<b>Project Description</b>				<b>Version Description</b>								
<p>The 2013 Road Safety Report identified high collision locations for further review and consideration including the following:</p> <p>Signalized Locations:</p> <ol style="list-style-type: none"> <li>1. County Road 42 @ Lauzon Parkway (EDG-001-11)</li> <li>2. Pelissier St. @ Wyandotte St. W.</li> <li>3. Lauzon Line/McHugh @ Lauzon Rd.</li> <li>4. Banwell Road @ E.C. Row Expressway</li> </ol> <p>Unsignalized Locations:</p> <ol style="list-style-type: none"> <li>1. Dougall Ave. @ Ouellette Pl.</li> <li>2. Dougall Ave. @ E.C. Row E/B off ramp</li> <li>3. Hanna St. @ Ouellette Ave.</li> <li>4. 9th Concession Road @ County Road 42</li> </ol>				<p>Various locations as identified in the Road Safety Report. It is recommended that a consultant be retained to undertake safety audits on each identified location where not previously investigated.</p> <p>2019: Road Safety Audits - \$100,000 Lauzon Rd./McHugh/Lauzon Line Intersection Improvements - \$370,000</p> <p>2020 / 2021: Ongoing funding to continue implementing improvements</p>								
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
(7062007 closed) 7151012												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>								
2017	0	0	0	5410	Construction Contracts - TCA							
2018	0	0	0		0	0	470,000	500,000	500,000	500,000	1,970,000	
2019	470,000	470,000	0	Total	0	0	470,000	500,000	500,000	500,000	1,970,000	
2020	500,000	500,000	0	<b>Revenues</b>								
2021	500,000	500,000	0	169	Pay As You Go - Capital Reserve							
2022+	500,000	500,000	0		0	0	470,000	500,000	500,000	500,000	1,970,000	
	<b>1,970,000</b>	<b>1,970,000</b>	<b>0</b>	Total	0	0	470,000	500,000	500,000	500,000	1,970,000	
<b>Historical Approved Budget</b>												
		<b>Revenue</b>										
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>									
2015	15,000	15,000	0									
<b>Related Projects</b>				<b>Operating Budget Impact</b>								
<b>Follows</b>	<b>Project Title</b>			<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>					
ECP-002-10	Banwell Rd. Infrastructure Improvements			Unknown	Depending on the final design, there may be increased road maintenance costs.	0	0					
EDG-001-11	Lauzon Parkway & County Rd. 42 Infrastructure Improvements											
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>				

2007	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Wes Hicks / Josette Eugeni	2022 & Beyond
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# Project Version Summary

<b>Project #</b>	ECP-010-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	East Riverside Planning District Infrastructure Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	Ward 7		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>									
The western portion of this planning area requires infrastructure improvements for the remaining 600 acres to develop. CR638/2004 approved the phasing plan for this planning district. An environmental assessment will be required prior to any construction occurring.				2019: Engineering - Wyandotte Street Extension from Banwell to Jarvis - \$250,000 2021: Engineering, Construction and Land Acquisition - Wyandotte Street Extension from Banwell to Jarvis - \$2,400,000									
<b>Project Comments/Reference</b>				<b>Version Comments</b>									
Project 7033118 will track all Wyandotte Street Extension expenses.													
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>									
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>		
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<b>Expenses</b>									
2017	0	0	0	2950	Other Prof Services-External								
2018	0	0	0		0	0	250,000	0	2,400,000	0	2,650,000		
2019	250,000	250,000	0		Total								
2020	0	0	0		0	0	250,000	0	2,400,000	0	2,650,000		
2021	2,400,000	2,400,000	0	<b>Revenues</b>									
2022+	0	0	0	028	Sewer Surcharge								
	<b>2,650,000</b>	<b>2,650,000</b>	<b>0</b>		0	0	0	0	321,478	0	321,478		
<b>Historical Approved Budget</b>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	169	Pay As You Go - Capital Reserve								
2007	8,000,000	8,000,000	0		0	0	250,000	0	2,078,522	0	2,328,522		
2008	3,150,000	3,150,000	0		Total								
2009	4,816,667	4,816,667	0		0	0	250,000	0	2,400,000	0	2,650,000		
2010	2,250,000	2,250,000	0										
2015	1,000,000	1,000,000	0										
<b>Related Projects</b>				<b>Operating Budget Impact</b>									
				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>				
				Unknown	Depending on the final design, there may be additional road and sewer maintenance costs.			0	0				
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>				<b>Est. Completion Date</b>						
2007	January 1, 2007	Growth: 0.0 % Maintenance: 0.0 %	Jane He				2022 & Beyond						





# Project Version Summary

<b>Project #</b>	ECP-014-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	City Centre Streetscape Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	Ward 2, Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
<p>The revitalization of the City Centre Streetscape work involves sewer repairs, watermain replacement, utility replacement, road, pedestrian and streetlight replacement, sidewalk and streetscape work.</p> <p>Phase 1 and 2 were completed in 2007. Phase 3 was completed in 2009. Phase 4 and 5 were completed in 2010 as part of the ISF projects.</p> <p>Phase 6 Ouellette from Wyandotte to Elliott - is last of the original project and will be constructed in 2017.</p>				<p>2020: University from Victoria to Goyeau - \$350,000 (Engineering)</p> <p>2022+: University from Victoria to Goyeau - \$4,200,000 (Construction)</p> <p>Placeholder per CR 291/2009 to continue City Centre Streetscaping retrofit program to encompass east - west City Centre streets on University, Pitt, Chatham, Park/City Hall Square and Wyandotte.</p>											
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
7052085 closed/7092020 ISF closed															
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		<b>Revenue</b>													
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>				
<b>Expenses</b>															
2017	0	0	0	2915 Consulting Services - External	0	0	0	350,000	0	0	350,000				
2018	0	0	0												
2019	0	0	0	5410 Construction Contracts - TCA	0	0	0	0	0	4,200,000	4,200,000				
2020	350,000	350,000	0												
2021	0	0	0												
2022+	4,200,000	4,200,000	0	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>350,000</b>	<b>0</b>	<b>4,200,000</b>	<b>4,550,000</b>				
	<b>4,550,000</b>	<b>4,550,000</b>	<b>0</b>	<b>Revenues</b>											
169 Pay As You Go - Capital Reserve															
					0	0	0	350,000	0	4,200,000	4,550,000				
					<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>350,000</b>	<b>0</b>	<b>4,200,000</b>	<b>4,550,000</b>			
<b>Historical Approved Budget</b>															
		<b>Revenue</b>													
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>												
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												
<b>Related Projects</b>				<b>Operating Budget Impact</b>											
				<b>Effective Date</b>		<b>Description</b>		<b>Exp/(Rev)</b>		<b>FTE Impact</b>					
				Unknown		Most of these areas have many deficiencies and are in a state of disrepair. Currently, there aren't sufficient funds in the Operating budget to fix or maintain these areas. Repairs will be selective and most sidewalk repairs will be done with asphalt.		0		0					
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>							
2007	January 1, 2007	Growth: 0.0 % Maintenance: 0.0 %		Jane He				2022 & Beyond							



# Project Version Summary

<b>Project #</b>	ECP-015-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	McDougall Ave. Infrastructure Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	Ward 10		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
Improvements are required due to structural and substandard road deficiencies.				2022+: Construction - McDougall/Eugenie Intersection - \$700,000												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7144007																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>					
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>												
2017	0	0	0	5410	Construction Contracts - TCA											
2018	0	0	0		0	0	0	0	0	700,000	700,000					
2019	0	0	0		Total							0	700,000	700,000		
2020	0	0	0	<b>Revenues</b>												
2021	0	0	0	115	Dev Chg - Roads & Related											
2022+	700,000	700,000	0		0	0	0	0	0	700,000	700,000					
	<b>700,000</b>	<b>700,000</b>	<b>0</b>		Total							0	700,000	700,000		
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>												
		<b>Revenue</b>		<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>									
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	Unknown	Depending on the final design, there may be increased road maintenance costs.	0	0									
2014	200,000	200,000	0													
2015	1,275,000	1,275,000	0													
<b>Related Projects</b>																
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>								
2007	January 1, 2014	Growth: 0.0 % Maintenance: 0.0 %		Mike Cappucci				2022 & Beyond								



# Project Version Summary

<b>Project #</b>	ECP-016-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	The Riverside Drive Vista Improvement		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	Ward 2, Ward 3, Ward 4, Ward 5, Ward 6, Ward 7		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
The Environmental Study Report has been finalized and approved and contains recommendations on construction phasing for improvements to Riverside Dr. The limits of the study are from Rosedale to the east City limits.				2017: Construction, Phase 1, Stage 2 Solidarity Towers to Lauzon Road - \$680,000 2018/2019/2020: Engineering and Land Acquisition, Phase 2, Lauzon to Ford - \$1,420,000 2022+: Utility Relocation; Phased Engineering and Construction - \$64,000,000											
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
7086001				\$3.25M in project funds in 2016 have been pre-approved in principle as a Placeholder in the 2013 Approved Capital Budget. CR89/2014, Report #17088 formally approved this placeholder.											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		<b>Revenue</b>													
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>				
<b>Expenses</b>															
2017	680,000	680,000	0	2915 Consulting Services - External	0	0	0	0	0	0	0	0			
2018	280,000	280,000	0	5210 Land Acquisition	0	0	0	964,000	0	0	964,000				
2019	100,000	100,000	0	5410 Construction Contracts - TCA	680,000	280,000	100,000	76,000	0	64,000,000	65,136,000				
2020	1,040,000	1,040,000	0												
2021	0	0	0												
2022+	64,000,000	64,000,000	0												
	<b>66,100,000</b>	<b>66,100,000</b>	<b>0</b>	<b>Total</b>	<b>680,000</b>	<b>280,000</b>	<b>100,000</b>	<b>1,040,000</b>	<b>0</b>	<b>64,000,000</b>	<b>66,100,000</b>				
<b>Historical Approved Budget</b>				<b>Revenues</b>											
		<b>Revenue</b>													
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	028 Sewer Surcharge	0	280,000	100,000	76,000	0	0	456,000				
2008	150,000	150,000	0	115 Dev Chg - Roads & Related	380,000	0	0	300,000	0	0	680,000				
2009	1,000,000	1,000,000	0	169 Pay As You Go - Capital Reserve	185,000	0	0	664,000	0	64,000,000	64,849,000				
2011	500,000	500,000	0	176 Federal Gas Tax Rebate	115,000	0	0	0	0	0	115,000				
2016	3,250,000	3,250,000	0	<b>Total</b>	<b>680,000</b>	<b>280,000</b>	<b>100,000</b>	<b>1,040,000</b>	<b>0</b>	<b>64,000,000</b>	<b>66,100,000</b>				
<b>Related Projects</b>				<b>Operating Budget Impact</b>											
				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>						
				Unknown	Depending on the final design, there may be additional road and sewer maintenance costs.			0	0						
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>							
2007	January 1, 2009	Growth: 100.0 % Maintenance: 0.0 %		Anna Godo				Ongoing							



# Project Version Summary

<b>Project #</b>	ECP-017-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Local Improvements Program - Sanitary Sewer		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Sewers		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
In an effort to maximize use of the pollution control plants and eliminate septic tanks, this program will provide funds for the local sanitary sewer program and collector sanitary sewers throughout the City.				A number of potential projects have been identified as a result of the "Study of Private Drain Connections in Partially Serviced Areas", as follows: - Betts - Tecumseh to Algonquin - Randolph - Algonquin to Totten - Roxborough - Tecumseh to Algonquin - St Patrick's - Tecumseh to Algonquin - Partington - Tecumseh to Totten - Mark - Campbell to Algonquin & Totten Southerly - Everts - Campbell to Algonquin & Totten Southerly Each of these sections of road is serviced with a storm sewer only (no sanitary sewer exists). Properties are serviced by septic systems.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7159000																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<u>Revenue</u>														
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>					
2017	0	0	0	<b>Expenses</b>												
2018	2,000,000	1,700,000	300,000	5410	Construction Contracts - TCA											
2019	0	0	0		0	2,000,000	0	0	2,000,000	5,250,000	9,250,000					
2020	0	0	0		0	2,000,000	0	0	2,000,000	5,250,000	9,250,000					
2021	2,000,000	1,850,000	150,000	<b>Revenues</b>												
2022+	5,250,000	4,462,500	787,500	028	Sewer Surcharge											
	<b>9,250,000</b>	<b>8,012,500</b>	<b>1,237,500</b>		0	1,700,000	0	0	1,850,000	4,462,500	8,012,500					
				6735	Recovery Of Expenses EXTERNAL											
					0	300,000	0	0	150,000	787,500	1,237,500					
					0	2,000,000	0	0	2,000,000	5,250,000	9,250,000					
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>												
		<u>Revenue</u>														
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>					
2015	1,800,000	900,000	900,000	Unknown	Depending on the final design, there may be additional sewer maintenance costs.					0	0					
2016	1,560,000	1,325,000	235,000													
<b>Related Projects</b>																
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>								
2007	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %		Mike Abaldo / Adam Mourad				Ongoing								



# Project Version Summary

<b>Project #</b>	ECP-022-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Prince Rd./Totten St. Storm Sewer Improvements - Engineering & Construction		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Sewers		
<b>Wards</b>	Ward 10		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>									
This project will relieve basement, street and property flooding in the Prince Road storm relief drainage area.				Balance of storm relief sewers within the Prince Road drainage area are: 2018: Engineering - \$125,000 2020: Engineering - \$80,000 2022+: Totten Street from Betts to Mark - \$3,700,000 Tecumseh/Dorchester Separation - \$2,300,000 Felix/Marlborough Separation - \$2,150,000									
<b>Project Comments/Reference</b>				<b>Version Comments</b>									
7086002													
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>									
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>		
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>									
2017	0	0	0	2915 Consulting Services - External									
2018	125,000	125,000	0		0	125,000	0	80,000	0	0	205,000		
2019	0	0	0	5410 Construction Contracts - TCA									
2020	80,000	80,000	0		0	0	0	0	0	8,150,000	8,150,000		
2021	0	0	0	Total	0	125,000	0	80,000	0	8,150,000	8,355,000		
2022+	8,150,000	8,150,000	0	<b>Revenues</b>									
<b>8,355,000</b>	<b>8,355,000</b>	<b>0</b>		028 Sewer Surcharge									
					0	0	0	55,000	0	6,048,428	6,103,428		
				117 Dev Chg - Storm & Drains				25,000	0	0	150,000		
					0	125,000	0	0	0	0	150,000		
				169 Pay As You Go - Capital Reserve				0	0	2,101,572	2,101,572		
					0	0	0	0	0	2,101,572	2,101,572		
				Total	0	125,000	0	80,000	0	8,150,000	8,355,000		
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>									
		<b>Revenue</b>		<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>						
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	Unknown	Depending on the final design, there may be decreased road and sewer maintenance costs.	0	0						
2007	670,000	670,000	0										
2008	325,000	325,000	0										
2009	2,000,000	2,000,000	0										
2010	4,620,000	4,620,000	0										
<b>Related Projects</b>													
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>					
2007	January 1, 2008	Growth: 0.0 % Maintenance: 0.0 %		Jane He				2022 & Beyond					



# Project Version Summary

<b>Project #</b>	ECP-023-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Parent Ave./McDougall Ave. Storm Sewer Engineering & Construction		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Sewers		
<b>Wards</b>	Ward 3, Ward 4		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>										
To relieve basement, street and property flooding in the Parent/McDougall storm relief area. Construction of sewers will increase capacity to handle major storms.				2018: Engineering - \$250,000 2022+: Giles Storm Sewer - Langlois to Gladstone - \$2,950,000 2022+: Phase I - Construction - \$9,250,000 2022+: Phase II - Engineering and Construction (Giles to Southerly limit) - \$7,500,000										
<b>Project Comments/Reference</b>				<b>Version Comments</b>										
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>										
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>			
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<b>Expenses</b>										
2017	0	0	0	2915 Consulting Services - External	0	250,000	0	0	0	0	0	250,000		
2018	250,000	250,000	0	5410 Construction Contracts - TCA	0	0	0	0	0	19,700,000	19,700,000			
2019	0	0	0	Total		0	250,000	0	0	0	19,700,000	19,950,000		
2020	0	0	0	<b>Revenues</b>										
2021	0	0	0	028 Sewer Surcharge	0	250,000	0	0	0	19,700,000	19,950,000			
2022+	19,700,000	19,700,000	0	Total		0	250,000	0	0	0	19,700,000	19,950,000		
<b>19,950,000</b>		<b>19,950,000</b>		<b>0</b>										
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>										
				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>					
				Unknown	Depending on the final design, there may be decreased road and sewer maintenance costs.			0	0					
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>						
2007	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %		Anna Godo				2022 & Beyond						



# Project Version Summary

<b>Project #</b>	ECP-028-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Grand Marais Drain Capital Improvements (Existing Naturalized Channel)		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Sewers		
<b>Wards</b>	Ward 5, Ward 10		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>								
Improvements are required from South Cameron Blvd. to approximately 280m upstream of E.C. Row Expressway to increase capacity. This will enable elimination of the temporary ponds. Provincial WECL funds will be leveraged in order to complete these works. Once the necessary work is completed, these six temporary stormwater management ponds could be decommissioned and redeveloped, subject to appropriate provision of municipal services.				2018: Upstream of EC Row - \$470,000 2019: Upstream of EC Row - \$2,100,000 2021: Downstream of EC Row - \$732,000 2022+: Remaining Phase Construction - \$1,632,000								
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
7082003												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>								
2017	0	0	0	5410	Construction Contracts - TCA							
2018	470,000	470,000	0		0	470,000	2,100,000	0	732,000	1,632,000	4,934,000	
2019	2,100,000	2,100,000	0		Total							
2020	0	0	0		0	470,000	2,100,000	0	732,000	1,632,000	4,934,000	
2021	732,000	732,000	0	<b>Revenues</b>								
2022+	1,632,000	1,632,000	0	028	Sewer Surcharge							
	<b>4,934,000</b>	<b>4,934,000</b>	<b>0</b>		0	470,000	2,000,000	0	632,000	1,632,000	4,734,000	
<b>Historical Approved Budget</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	117	Dev Chg - Storm & Drains							
2007	140,000	140,000	0		0	0	100,000	0	100,000	0	200,000	
2008	735,000	735,000	0		Total							
2009	1,330,000	1,330,000	0		0	470,000	2,100,000	0	732,000	1,632,000	4,934,000	
2014	2,000,000	2,000,000	0									
<b>Related Projects</b>				<b>Operating Budget Impact</b>								
				<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>					
				Unknown	There may be incremental tax revenues generated upon completion of this project, if the stormwater management ponds are decommissioned and redeveloped.	0	0					
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>								
2007	January 1, 2008	Growth: 0.0 % Maintenance: 0.0 %	Anna Godo / Mike Abaldo	2022 & Beyond								



# Project Version Summary

<b>Project #</b>	ECP-030-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Riverside Flood Abatement Initiatives - Capital Improvements to Existing Trunk Sewer		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Sewers		
<b>Wards</b>	Ward 5, Ward 6, Ward 8		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
Construction of trunk sanitary sewer and localized improvements to the trunk sewer. This project is for the construction of an underground storage facility to intercept and attenuate combined sewer flows entering the Edgar St. sanitary trunk sewer.				2019/2020: Engineering - \$500,000											
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
7081004 closed, 7151001															
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		<b>Revenue</b>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>				
2017	0	0	0	<b>Expenses</b>											
2018	0	0	0	5410	Construction Contracts - TCA										
2019	250,000	250,000	0		0	0	250,000	250,000	0	2,100,000	2,600,000				
2020	250,000	250,000	0	Total	0	0	250,000	250,000	0	2,100,000	2,600,000				
2021	0	0	0	<b>Revenues</b>											
2022+	2,100,000	2,100,000	0	028	Sewer Surcharge										
	<b>2,600,000</b>	<b>2,600,000</b>	<b>0</b>		0	0	250,000	250,000	0	2,100,000	2,600,000				
				Total	0	0	250,000	250,000	0	2,100,000	2,600,000				
<b>Historical Approved Budget</b>															
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>												
2008	3,267,000	3,267,000	0												
2015	3,956,000	3,956,000	0												
<b>Related Projects</b>				<b>Operating Budget Impact</b>											
				<u>Effective Date</u>	<u>Description</u>					<u>Exp/(Rev)</u>	<u>FTE Impact</u>				
				Unknown	Depending on the design, there may be additional sewer maintenance costs.					0	0				
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>							
2007	January 1, 2008	Growth: 0.0 % Maintenance: 0.0 %		Travis Frickey/Anna Godo				2022 & Beyond							





# Project Version Summary

<b>Project #</b>	ECP-034-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Campbell Ave./University Ave. Storm Sewer Engineering & Construction		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Sewers		
<b>Wards</b>	Ward 2		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
Construction of the Campbell/University storm relief area to relieve basement, street and property flooding. Any sewer works on University Ave. will need to be coordinated with future roadway improvements.				Storm Relief Sewers required are: 2017: Phase 2 - University Ave. - Bridge/Campbell, Wyandotte St. - Josephine/Cameron, Rooney - Bridge/McKay, College - Campbell/east of McKay - \$2,000,000 2018: Engineering - \$125,000 2020: McKay/Curry/Adanac - \$3,670,000 2022+: Phase 3 - University Ave. - Bridge/Campbell, Wyandotte St. - Josephine/Cameron, Rooney - Bridge/McKay, College - Campbell/east of McKay - \$14,700,000											
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
7062004															
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		<b>Revenue</b>													
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>				
				<b>Expenses</b>											
2017	2,000,000	2,000,000	0	2915	Consulting Services - External										
2018	125,000	125,000	0		0	125,000	0	0	0	0	0	125,000			
2019	0	0	0	5410	Construction Contracts - TCA										
2020	3,670,000	3,670,000	0		2,000,000	0	0	3,670,000	0	14,700,000	20,370,000				
2021	0	0	0	<b>Total</b>		<b>2,000,000</b>	<b>125,000</b>	<b>0</b>	<b>3,670,000</b>	<b>0</b>	<b>14,700,000</b>	<b>20,495,000</b>			
2022+	14,700,000	14,700,000	0												
<b>20,495,000</b>		<b>20,495,000</b>		<b>0</b>											
<b>Historical Approved Budget</b>				<b>Revenues</b>											
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	028	Sewer Surcharge										
2008	1,577,000	1,577,000	0		2,000,000	125,000	0	3,670,000	0	14,700,000	20,495,000				
2009	565,000	565,000	0	<b>Total</b>		<b>2,000,000</b>	<b>125,000</b>	<b>0</b>	<b>3,670,000</b>	<b>0</b>	<b>14,700,000</b>	<b>20,495,000</b>			
2010	1,450,000	1,450,000	0												
2011	1,720,000	1,720,000	0												
2015	1,144,000	1,144,000	0												
<b>Related Projects</b>				<b>Operating Budget Impact</b>											
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>				
				Unknown	Depending on the final design, there may be increased sewer maintenance costs.					0	0				
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>							
2007	January 1, 2008	Growth: 0.0 % Maintenance: 100.0 %		Tiffany Pocock				2022 & Beyond							



# Project Version Summary

<b>Project #</b>	ECP-035-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	City Wide Sewer Rehabilitation Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Sewers		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

**Project Description**  
 The existing system is deteriorating and is causing major maintenance problems. This funding allows for the replacement of collapsed or deteriorated sewers. Projects are identified based on television inspection and emergency call activity.

**Version Description**

**Project Comments/Reference**  
 See Document Attached.  
 CLOSED:  
 7082006-7082017/7082019/7082021-7082026/7092010-7092012/7103002/  
 7103003/7103005-7103007/7111015/7111016/7111018/7132000/7144002  
 7144003/7144005  
 OPEN:  
 7082018/7082020/7092008/7092009/7103004/7111014/7111017 7134000-  
 7134005/7144000/7144001/7144004/7144006/7153000-7153005/  
 7164001/7164003/7164005-7164008

**Version Comments**  
 \$1,768,000 surplus identified in projects 7141004 - Erie St-Wellington/Crawford (\$768,000) and 7144001 - Queen St-Prince Rd/South St. (\$1,000,000), will be transferred to reserve Fund 153 - Sewer Surcharge, which will be pre-committed to fund projects in the Sewer Rehabilitation Program in 2018.  
 As per CR689/2016, Council pre-committed \$11,710,000 in sewer works as identified in the detailed attachment.  
 2018: Janisse - Wyandotte to Raymond = \$2,212,000 and Princess - Tecumseh to Adstoll = \$2,838,000 (Gross amounts).  
 Funds for the City's contribution of \$1,095,000 (\$459K + \$636K) for the these two projects will be available in 2018, per CR653/2016.

Project Forecast		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2017	18,116,000	14,160,000	3,956,000
2018	14,415,000	14,415,000	0
2019	16,410,000	16,410,000	0
2020	11,156,000	11,156,000	0
2021	12,000,000	12,000,000	0
2022+	23,000,000	23,000,000	0
	<b>95,097,000</b>	<b>91,141,000</b>	<b>3,956,000</b>

Project Detailed Forecast							
GL Account	2017	2018	2019	2020	2021	2022+	Total
<b>Expenses</b>							
5410 Construction Contracts - TCA	18,116,000	14,415,000	16,410,000	11,156,000	12,000,000	23,000,000	95,097,000
<b>Total</b>	<b>18,116,000</b>	<b>14,415,000</b>	<b>16,410,000</b>	<b>11,156,000</b>	<b>12,000,000</b>	<b>23,000,000</b>	<b>95,097,000</b>
<b>Revenues</b>							
028 Sewer Surcharge	14,160,000	12,647,000	16,410,000	11,156,000	12,000,000	23,000,000	89,373,000
153 Sewer Surcharge	0	1,768,000	0	0	0	0	1,768,000
6310 Ontario Specific Grants	1,263,000	0	0	0	0	0	1,263,000
6320 Canada Specific Grants	2,525,000	0	0	0	0	0	2,525,000
6735 Recovery Of Expenses EXTERNAL	168,000	0	0	0	0	0	168,000
<b>Total</b>	<b>18,116,000</b>	<b>14,415,000</b>	<b>16,410,000</b>	<b>11,156,000</b>	<b>12,000,000</b>	<b>23,000,000</b>	<b>95,097,000</b>

Historical Approved Budget		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2007	8,078,000	8,078,000	0
2008	9,069,000	9,069,000	0
2009	10,797,000	10,797,000	0
2010	11,611,000	11,611,000	0
2011	8,700,000	8,700,000	0
2012	7,250,000	7,250,000	0
2013	10,425,000	9,350,000	1,075,000
2014	15,055,000	15,055,000	0
2015	10,700,000	10,700,000	0
2016	12,500,000	12,500,000	0

Related Projects			Operating Budget Impact	
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date
2007	January 1, 2007	Growth: 0.0 % Maintenance: 100.0 %	Various	Ongoing

Effective Date	Description	Exp/(Rev)	FTE Impact
Unknown	Depending on the final design, there may be decreased sewer maintenance costs.	0	0

**Project Attachments  
For: 2017**

Project # ECP-035-07

Project Name: City Wide Sewer Rehabilitation Program

							Allocation of 2017 Costs			
Project#	STREET	FROM	TO	Sewer Type	Ward	2017	Construction	Engineering	Land Acquisition	
<b>Construction</b>										
	Arthur	CNR	Seminole	separated	5	\$ 2,000	\$ 1,840	\$ 160	-	
	Peter St	South	Prince	combined	2	\$ 2,630	\$ 2,420	\$ 210	-	
	Olive Rd	Seminole	CNR	separated	8	\$ 1,200	\$ 1,104	\$ 96	-	
	Fairview Ave	Edgar	Tranby	separated	6	\$ 2,620	\$ 2,410	\$ 210	-	
	Moy	Riverside	Wyandotte	combined	4	\$ 2,820	\$ 2,594	\$ 226	-	
	Marentette	Ellis	Hanna	combined	4	\$ 2,440	\$ 2,245	\$ 195	-	
<b>Engineering ONLY - For 2019 Projects</b>							\$ 450		\$ 450	
<b>Grand Total</b>							<b>\$ 14,160</b>	<b>\$ 12,613</b>	<b>\$ 1,547</b>	<b>\$ -</b>

Revised October 14, 2016

**Project Attachments  
For: 2017**

Project # ECP-035-07

Project Name: City Wide Sewer Rehabilitation Program

**Recommended Sewer Rehabilitation Program (2018 - 2021) \***

<b>STREET</b>	<b>FROM</b>	<b>TO</b>	<b>Sewer Type</b>	<b>Ward</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	
<b>Construction</b>									
Princess Ave	Tecumseh	Adstol	combined	8	\$ 636				
Francois Rd	Seminole St	CN Tracks	over/under	5	\$ 2,000				
Gladstone Ave	Riverside	Wyandotte	combined	4	\$ 2,220				
Mathew Brady Blvd	St. Rose	Edgar	separated	6	\$ 2,100				
Janisse Dr	Wyandotte St E	Raymond Ave	separated	6	\$ 459				
McKay/Curry	Rooney	Adanac	combined	2	\$ 3,300				
Buckingham Dr	Rose	Iris	combined	8	\$ 3,000				
<b>Engineering ONLY - For 2020 Projects</b>					\$ 700				
<b>Construction</b>									
Sunset Ave	Wyandotte St W	cul-de-sac	combined	2		\$ 2,800			
Memorial Dr	Vimy Ave	East of Marentette Ave	combined	4		\$ 1,600			
Mathew Brady Blvd	Edgar	Tranby	separated	6		\$ 2,460			
Olive Rd	Seminole St	Milloy St	separated	8		\$ 3,150			
Ellrose Ave	Reginald St	CN Tracks	over/under	5		\$ 2,900			
Aubin Rd	Guy St	Tecumseh Rd	over/under	5		\$ 1,300			
Belle Isle View	Wyandotte St E	St. Rose	separated	6		\$ 1,500			
<b>Engineering ONLY - For 2021 Projects</b>						\$ 700			
List of various projects for 2021 construction not yet developed.									
<b>Construction</b>									
Francois Rd	Seminole St	Alice St	over/under	5			\$2,300		
Belle Isle View Blvd	St. Rose St	Edgar Ave	separated	6			\$2,800		
Jos St. Louis Ave	Tecumseh Rd	Rose Ave	combined	8			\$2,860		
Cadillac Rd	Alice St	Tecumseh Rd	over/under	5			\$2,546		
<b>Engineering ONLY - For 2022 Projects</b>							\$650		
List of various projects for 2022 construction not yet developed.									
<b>Construction</b>									
List of projects for 2021 construction being compiled								\$11,400	
<b>Engineering ONLY - For 2023 Projects</b>								\$600	
List of various projects for 2023 construction not yet developed.									
<b>Grand Total</b>						<b>\$ 14,415</b>	<b>\$16,410</b>	<b>\$11,156</b>	<b>\$12,000</b>

\* Project list for 2018 - 2021 is preliminary only and must be coordinated with the Windsor Utilities Commission.



# Project Version Summary

<b>Project #</b>	ECP-036-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Ojibway Sanitary Sewer Rehabilitation		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Sewers		
<b>Wards</b>	Ward 1, Ward 2		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
These funds are required to rehabilitate the 98 year old deteriorated sanitary sewer on Ojibway Parkway between the former Windsor Raceway and the Lou Romano Water Reclamation Plant. This sewer serves many of the industries located within the Ojibway Industrial Park.				2022+: Rehabilitation - \$3,600,000												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7032060 Closed/7141018																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>					
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<b>Expenses</b>												
2017	0	0	0	5410	Construction Contracts - TCA											
2018	0	0	0		0	0	0	0	0	3,600,000	3,600,000					
2019	0	0	0		Total							0	3,600,000	3,600,000		
2020	0	0	0	<b>Revenues</b>												
2021	0	0	0	028	Sewer Surcharge											
2022+	3,600,000	3,600,000	0		0	0	0	0	0	3,600,000	3,600,000					
	<b>3,600,000</b>	<b>3,600,000</b>	<b>0</b>		Total							0	3,600,000	3,600,000		
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>												
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>							
2014	1,900,000	1,900,000	0	Unknown	Depending on the final design, there may be decreased sewer maintenance costs.		0	0								
<b>Related Projects</b>																
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>								
2007	January 1, 2022	Growth: 0.0 % Maintenance: 0.0 %		Tiffany Pocock				2022 & Beyond								



# Project Version Summary

<b>Project #</b>	EDG-001-11	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Lauzon Parkway & County Rd. 42 Infrastructure Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	Ward 9		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>								
The Lauzon Parkway Environmental Assessment (EA) is now complete. The EA includes: Lauzon Pkwy - E.C. Row to Hwy. 3 County Rd. 42 - Walker Rd. to eastern City limits East/West Arterial - Walker Rd. to County Rd. 17				2021: Engineering – County Rd. 42, Lauzon to Ninth Concession - \$2,000,000 2022+: Engineering & Land Acquisition – County Rd. 42, Lauzon to Ninth Concession - \$2,600,000 County Rd. 42 Phased Engineering and Construction - \$68,000,000 Lauzon Parkway Phased Engineering and Construction - \$163,000,000 East / West Arterial Phased Engineering and Construction - \$41,000,000								
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
7109005				Approval of the new hospital may require acceleration of these funds.								
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>								
2017	0	0	0	2915 Consulting Services - External	0	0	0	0	0	2,600,000	2,600,000	
2018	0	0	0	5210 Land Acquisition	0	0	0	0	2,000,000	0	2,000,000	
2019	0	0	0	5410 Construction Contracts - TCA	0	0	0	0	0	272,000,00	272,000,00	
2020	0	0	0							0	0	
2021	2,000,000	2,000,000	0	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,000,000</b>	<b>274,600,00</b>	<b>276,600,00</b>	<b>0</b>
2022+	274,600,000	274,600,000	0							0	0	
	<b>276,600,000</b>	<b>276,600,000</b>	<b>0</b>									
<b>Historical Approved Budget</b>						<b>Revenues</b>						
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	028 Sewer Surcharge					500,000	0	500,000	
2011	50,000	0	50,000	115 Dev Chg - Roads & Related	0	0	0	0	50,000	0	50,000	
2012	50,000	0	50,000	153 Sewer Surcharge	0	0	0	0	0	0	0	
2013	50,000	0	50,000	169 Pay As You Go - Capital Reserve	0	0	0	0	1,450,000	274,600,00	276,050,00	
				<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,000,000</b>	<b>274,600,00</b>	<b>276,600,00</b>	<b>0</b>

Related Projects			Operating Budget Impact			
Precedes	Project Title		Effective Date	Description	Exp/(Rev)	FTE Impact
ECP-009-07	Intersection Improvements Program		Unknown	Upon completion of this project, road maintenance costs due to patching and maintaining gravel shoulders will decrease. These savings, however, will be offset by other road maintenance and snow removal costs resulting from the increased surface area of Lauzon Parkway and County Rd. 42, as well as the addition of the East/West Arterial. Operating cost figures cannot be determined at this time as the project is still in its' preliminary stages, however, it is assumed that costs will be lower immediately following completion of the project and will escalate as the road ages.	0	0
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date		
2011	January 1, 2021	Growth: 0.0 % Maintenance: 0.0 %	Anna Godo	2022 & Beyond		





# Project Version Summary

<b>Project #</b>	EIT-001-11	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Local Improvement Program - Street Lighting		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>										
This program relates to streets that currently do not have street lights or are requesting upgrades to the existing streetlights. Costs for streetlights shall be assessed per CR982/82 and CR1607/89.														
<b>Project Comments/Reference</b>				<b>Version Comments</b>										
7161015														
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>										
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>			
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>										
2017	0	0	0	5410	Construction Contracts - TCA							800,000		
2018	0	0	0		0	0	100,000	0	100,000	600,000	800,000			
2019	100,000	100,000	0		Total							0		
2020	0	0	0	<b>Revenues</b>										
2021	100,000	100,000	0	169	Pay As You Go - Capital Reserve							800,000		
2022+	600,000	600,000	0		0	0	100,000	0	100,000	600,000	800,000			
	<b>800,000</b>	<b>800,000</b>	<b>0</b>		Total							0		
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>										
		<b>Revenue</b>		<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>							
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	Unknown	Depending on the final design, there may be increased streetlight energy and maintenance costs.	0	0							
2016	100,000	100,000	0											
<b>Related Projects</b>														
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>						
2011	January 1, 2016	Growth: 0.0 % Maintenance: 0.0 %		Tiffany Pocock				Ongoing						



# Project Version Summary

<b>Project #</b>	ENG-001-13	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Capital Improvements to Little River Steel Retaining Walls		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Sewers		
<b>Wards</b>	Ward 6, Ward 7		
<b>Version Name</b>	Main - Little River Steel Retaining Walls (Active)		

<b>Project Description</b>				<b>Version Description</b>							
Little River steel retaining walls and earth berms were constructed between Riverside Drive and the Via Tracks in the 1980s to provide flood protection to the immediate flood prone area. The dykes provide vital flood protection for over 2000 homes and the Little River Pollution Control Plant. Condition survey and structural evaluation of the 2.5km system of Little River Steel Retaining Walls was completed in 2012. Sections of the system are near the end of accelerated service life and require immediate rehabilitation. The balance of the system requires rehabilitation in order to extend service life beyond 10 years.				2017: Phase 2 - Wall rehabilitation and protective coating to extend service life - \$1,000,000 2018: Phase 2 - Wall rehabilitation and protective coating to extend service life - \$500,000 2020: Phased replacement of retaining wall - \$1,000,000 2022+: Phased replacement of retaining wall - \$19,500,000  The City has partnered with ERCA in order to obtain Provincial Water and Erosion Control Infrastructure (WECI) funds.							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
7141019											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	1,000,000	1,000,000	0	5410 Construction Contracts - TCA							
2018	500,000	500,000	0		1,000,000	500,000	0	1,000,000	0	19,500,000	22,000,000
2019	0	0	0	Total	1,000,000	500,000	0	1,000,000	0	19,500,000	22,000,000
2020	1,000,000	1,000,000	0	<b>Revenues</b>							
2021	0	0	0	028 Sewer Surcharge							
2022+	19,500,000	19,500,000	0		1,000,000	500,000	0	1,000,000	0	19,500,000	22,000,000
	<b>22,000,000</b>	<b>22,000,000</b>	<b>0</b>	Total	1,000,000	500,000	0	1,000,000	0	19,500,000	22,000,000
<b>Historical Approved Budget</b>											
		<b>Revenue</b>									
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>								
2014	1,000,000	500,000	500,000								
2016	500,000	500,000	0								
<b>Related Projects</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>
				Unknown	No Operating Budget Impact					0	0
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2013	January 1, 2014	Growth: 0.0 % Maintenance: 100.0 %		Anna Godo				2022 & Beyond			



# Project Version Summary

<b>Project #</b>	ENG-001-16	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Sixth Concession Rd./North Talbot Rd. Infrastructure Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	Ward 1, Ward 9		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
The Sixth Concession/North Talbot EA is nearing completion and includes recommendations on construction phasing for both Sixth Concession and North Talbot Roads. The cost estimates do not include land acquisition, utilities, or works associated with CN Rail.				2021: Land Acquisition, Phase 1A - \$300,000 2022+: Phased Engineering, Land Acquisition, Utility Relocation and Construction - \$21,000,000							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5210 Land Acquisition					300,000	0	300,000
2018	0	0	0		0	0	0	0			
2019	0	0	0	5410 Construction Contracts - TCA							
2020	0	0	0		0	0	0	0	21,000,000	21,000,000	
2021	300,000	300,000	0	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300,000</b>	<b>21,000,000</b>	<b>21,300,000</b>
2022+	21,000,000	21,000,000	0	<b>Revenues</b>							
	<b>21,300,000</b>	<b>21,300,000</b>	<b>0</b>	115 Dev Chg - Roads & Related					300,000	21,000,000	21,300,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	Depending on the final design, there may be increased road and sewer maintenance costs.				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2016	January 1, 2021	Growth: 0.0 % Maintenance: 0.0 %		Jane He				2022 & Beyond			



# Project Version Summary

<b>Project #</b>	ENG-002-12	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Local Improvement Program - Sidewalks		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
This program relates to roads which do not currently have sidewalks. This funding is to be used to finance the construction of sidewalks, of which a portion will be recovered through the Local Improvement process.				Proposed Works: Electricity Drive							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5410	Construction Contracts - TCA						
2018	0	0	0		0	0	50,000	0	50,000	200,000	300,000
2019	50,000	50,000	0		Total						
2020	0	0	0		0	0	50,000	0	50,000	200,000	300,000
2021	50,000	50,000	0	<b>Revenues</b>							
2022+	200,000	200,000	0	169	Pay As You Go - Capital Reserve						
	<b>300,000</b>	<b>300,000</b>	<b>0</b>		0	0	50,000	0	50,000	200,000	300,000
					Total						
					0	0	50,000	0	50,000	200,000	300,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	Depending on the final design, there may be increased sidewalk maintenance costs.				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2012	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Wes Hicks				2022 & Beyond			



# Project Version Summary

<b>Project #</b>	ENG-002-16	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Capital Improvements to Little River Municipal Drain (Lauzon Rd. to VIA Tracks)		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Sewers		
<b>Wards</b>	Ward 6, Ward 7, Ward 8		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
The Little River municipal drain provides conveyance of storm water for 33% of the City surface area. The section from Lauzon Road to the VIA Rail right-of-way was improved to the current cross-section in 1975. A report exploring options for this section using natural channel design techniques to create a sustainable river corridor was completed in 2012. Proposed design features and plantings would create a more sustainable river corridor and control sediment with off-line pool.				2020: Municipal Class Environmental Assessment, Schedule B - \$100,000 2022+: Design & Construction - \$740,000 The City of Windsor will partner with the Essex Regional Conservation Authority (ERCA) in order to make an application for Provincial Water and Erosion Control Infrastructure (WECI) funds.							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5410	Construction Contracts - TCA						
2018	0	0	0		0	0	0	100,000	0	740,000	840,000
2019	0	0	0	Total	0	0	0	100,000	0	740,000	840,000
2020	100,000	100,000	0	<b>Revenues</b>							
2021	0	0	0	028	Sewer Surcharge						
2022+	740,000	740,000	0		0	0	0	50,000	0	740,000	790,000
	<b>840,000</b>	<b>840,000</b>	<b>0</b>	115	Dev Chg - Roads & Related						
<b>Historical Approved Budget</b>					0	0	0	50,000	0	0	50,000
<b>Related Projects</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>
				Unknown	No Operating Budget Impact					0	0
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2016	January 1, 2020	Growth: 0.0 % Maintenance: 0.0 %		Anna Godo				2022 & Beyond			



# Project Version Summary

<b>Project #</b>	ENG-002-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Bus Bay Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
These funds are used to cost-share in the construction of school bus bays as per a formula approved through CR383/2009. Bus bay needs are prioritized by a committee of the four school boards as well as Transportation Services.				There are currently no funds in this program. The school boards have prioritized the following schools:  - George P. Vanier - Forest Glade PLC												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>														
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>					
2017	0	0	0	<b>Expenses</b>												
2018	0	0	0	5410	Construction Contracts - TCA											
2019	0	0	0		0	0	0	0	0	400,000	400,000					
2020	0	0	0	Total	0	0	0	0	0	400,000	400,000					
2021	0	0	0	<b>Revenues</b>												
2022+	400,000	400,000	0	169	Pay As You Go - Capital Reserve											
	<b>400,000</b>	<b>400,000</b>	<b>0</b>		0	0	0	0	0	400,000	400,000					
				Total	0	0	0	0	0	400,000	400,000					
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>												
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>			<b>FTE Impact</b>					
				Unknown	Depending on the final design, there may be increase road maintenance costs.				0			0				
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>								
2017	January 1, 2022	Growth: 0.0 % Maintenance: 0.0 %		Wes Hicks				Ongoing								



# Project Version Summary

<b>Project #</b>	ENG-003-13	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Sixth Concession Municipal Drain - Land Acquisition & Capital Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Sewers		
<b>Wards</b>	Ward 9		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>									
Sixth Concession Drain provides the storm water outlet to over 900 hectares of land within the City of Windsor via approx. 4.5 km of open channel plus 1.4 km of piped drain/sewer. Condition of Baseline Road and the municipal drain along it have deteriorated and require emergency repairs and remediation in order to maintain service.				2018: Priority 2 - \$150,000 2019: Priority 3 - \$200,000 2020: Priority 4 - \$500,000 2021: Priority 5 - \$200,000 2022+: Priority 5 - \$535,000									
<b>Project Comments/Reference</b>				<b>Version Comments</b>									
7131002													
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>									
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>		
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>									
2017	0	0	0	5410	Construction Contracts - TCA								
2018	150,000	150,000	0		0	150,000	200,000	500,000	200,000	535,000	1,585,000		
2019	200,000	200,000	0										
2020	500,000	500,000	0										
2021	200,000	200,000	0										
2022+	535,000	535,000	0										
	<b>1,585,000</b>	<b>1,585,000</b>	<b>0</b>		<b>0</b>	<b>150,000</b>	<b>200,000</b>	<b>500,000</b>	<b>200,000</b>	<b>535,000</b>	<b>1,585,000</b>		
<b>Historical Approved Budget</b>				<b>Revenues</b>									
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	028	Sewer Surcharge								
2013	375,000	375,000	0		0	150,000	200,000	500,000	200,000	535,000	1,585,000		
2015	400,000	400,000	0		0	150,000	200,000	500,000	200,000	535,000	1,585,000		
<b>Related Projects</b>				<b>Operating Budget Impact</b>									
				<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>						
				Unknown	Depending on the final design, there may be decreased drain maintenance costs.	0	0						
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>									
2013	January 1, 2013	Growth: 0.0 % Maintenance: 0.0 %	Anna Godo	2022 & Beyond									



# Project Version Summary

<b>Project #</b>	ENG-003-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>		<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	New Streetlights on Collectors and Arterials		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
This program relates to collector and arterial roads which do not currently meet City policies related to the provision of street lights.											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
2022+: Engineering \$150,000											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5410	Construction Contracts - TCA						
2018	0	0	0		0	0	0	0	0	300,000	300,000
2019	0	0	0		0	0	0	0	0	300,000	300,000
2020	0	0	0		0	0	0	0	0	300,000	300,000
2021	0	0	0		0	0	0	0	0	300,000	300,000
2022+	300,000	300,000	0	169	Pay As You Go - Capital Reserve						
	<b>300,000</b>	<b>300,000</b>	<b>0</b>		0	0	0	0	0	300,000	300,000
					0	0	0	0	0	300,000	300,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	Depending on the final design, there may be increased streetlight energy and maintenance costs.			0	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017	January 1, 2022	Growth: 0.0 % Maintenance: 0.0 %		Tiffany Pocock				2022			





# Project Version Summary

<b>Project #</b>	ENG-004-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>		<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	East Marsh Drain Study		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Sewers		
<b>Wards</b>	Ward 6, Ward 7		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
				2017: Engineering - \$150,000							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
The East Marsh Drain Canal was a municipal drain on the south of Riverside Drive that provided conveyance of stormwater for an area from the eastern municipal boundary to Little River. The drain was enclosed circa 1945 and outlets via a stormwater pumping station on Riverside Drive, east of Adelaide Ave, to Lake St. Clair. As development progressed in the East Riverside Area, drainage boundaries have been redefined. The pump station is due for replacement and it is necessary to determine the required size based on the reduced drainage area.											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	150,000	150,000	0	2915 Consulting Services - External							
2018	0	0	0		150,000	0	0	0	0	0	150,000
2019	0	0	0	Total	150,000	0	0	0	0	0	150,000
2020	0	0	0	<b>Revenues</b>							
2021	0	0	0	153 Sewer Surcharge							
2022+	0	0	0		150,000	0	0	0	0	0	150,000
	<b>150,000</b>	<b>150,000</b>	<b>0</b>	Total	150,000	0	0	0	0	0	150,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
<b>Related Projects</b>				Unknown	No Operating Budget impact				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017	January 1, 2017	Growth: 100.0 % Maintenance: 0.0 %		Anna Godo				2017			



# Project Version Summary

<b>Project #</b>	ENG-005-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>		<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Central Box EA Road and Infrastructure Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	Ward 9, Ward 10		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>			<b>Version Description</b>											
The Central Box EA proposes road and infrastructure improvements to an area bounded by Eugenie St to the north, Howard Ave to the east, West Grand / South Cameron to the south, and Dominion Blvd to the west.			2019: Engineering, Design for Dougall Ave, Ouellette Place to South Cameron Blvd. (including Dougall Ave. Pedestrian underpass) - \$220,000 2020: Engineering, Design for Dougall Ave, Ouellette Place to South Cameron Blvd. (including Dougall Ave. Pedestrian underpass) - \$500,000 2022+: Land Acquisition for Dougall Ave, Ouellette Place to South Cameron Blvd. (including Dougall Ave. Pedestrian underpass) - \$580,000 Phased Engineering, Utility Relocation and Construction - \$62,000,000											
<b>Project Comments/Reference</b>			<b>Version Comments</b>											
			CR628/2016 approved an allocation of \$2,479,000 to the Dougall/CN portion of the Central Box area.											
<b>Project Forecast</b>			<b>Project Detailed Forecast</b>											
		<b>Revenue</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>			
2017	0	0	0	<b>Expenses</b>										
2018	0	0	0	2915	Consulting Services - External									
2019	220,000	220,000	0		0	0	220,000	500,000	0	0	720,000			
2020	500,000	500,000	0	5210	Land Acquisition									
2021	0	0	0		0	0	0	0	0	580,000	580,000			
2022+	62,580,000	62,580,000	0	5410	Construction Contracts - TCA									
	<b>63,300,000</b>	<b>63,300,000</b>	<b>0</b>		0	0	0	0	0	62,000,000	62,000,000			
					<b>Total</b>	0	0	220,000	500,000	0	62,580,000	63,300,000		
<b>Historical Approved Budget</b>			<b>Revenues</b>											
					115	Dev Chg - Roads & Related								
						0	0	90,000	0	0	0	90,000		
					169	Pay As You Go - Capital Reserve								
						0	0	130,000	500,000	0	62,580,000	63,210,000		
					<b>Total</b>	0	0	220,000	500,000	0	62,580,000	63,300,000		
<b>Related Projects</b>			<b>Operating Budget Impact</b>											
					<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>			
					Unknown	Depending on the final design, there may be increased road and bicycle facility maintenance costs.				0	0			
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>				<b>Est. Completion Date</b>							
2017	January 1, 2020	Growth: 0.0 % Maintenance: 0.0 %	Sergio Colucci				2022 & Beyond							



# Project Version Summary

<b>Project #</b>	ENG-007-16	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Basement Flooding Abatement Measures		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Sewers		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>														
<p>This project will merge the following five programs, which used to be separate projects in the Capital Budget, into one project:</p> <ul style="list-style-type: none"> <li>- Closed Circuit Television (CCTV) Program – to evaluate sewer conditions and assist in capital planning</li> <li>- Smoke &amp; Dye Testing Program – to identify infiltration and cross connection issues for identification of repairs required to reduce basement flooding</li> <li>- 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</li> <li>- Basement Flooding Mitigation Measures Program – for the implementation of a downspout disconnection program and investing in live flow monitoring equipment</li> <li>- 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.</li> </ul>				<p>This consolidates the following previously approved projects into one program:</p> <ol style="list-style-type: none"> <li>1) OPS-008-07 Closed Circuit Television (CCTV)</li> <li>2) OPS-003-10 Small Sewer Repairs</li> <li>3) ECP-001-12 Basement Flooding Mitigation Measures</li> <li>4) EIT-002-11 Basement Flooding Prevention Subsidy Program</li> </ol>														
<b>Project Comments/Reference</b>				<b>Version Comments</b>														
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>														
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>							
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>														
2017	2,500,000	2,500,000	0	5410	Construction Contracts - TCA													
2018	2,700,000	2,700,000	0		2,500,000	2,700,000	640,000	1,100,000	2,250,000	3,800,000	12,990,000							
2019	640,000	640,000	0		Total							2,500,000	2,700,000	640,000	1,100,000	2,250,000	3,800,000	12,990,000
2020	1,100,000	1,100,000	0	<b>Revenues</b>														
2021	2,250,000	2,250,000	0	028	Sewer Surcharge													
2022+	3,800,000	3,800,000	0		2,500,000	2,700,000	640,000	1,100,000	2,250,000	3,800,000	12,990,000							
	<b>12,990,000</b>	<b>12,990,000</b>	<b>0</b>		Total							2,500,000	2,700,000	640,000	1,100,000	2,250,000	3,800,000	12,990,000
<b>Historical Approved Budget</b>																		
		<b>Revenue</b>																
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>															
2016	2,630,000	2,630,000	0															
<b>Related Projects</b>				<b>Operating Budget Impact</b>														
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>							
				Unknown	This project may impact sewer and drain maintenance costs.					0	0							
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>										
2016	January 1, 2016	Growth: 0.0 % Maintenance: 100.0 %		Mark Winterton				2022 & Beyond										



# Project Version Summary

<b>Project #</b>	ENG-009-16	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	North Talbot Rd. Environmental Assessment/Southwood Lakes Entrance Reconstruction		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	Ward 1		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
In accordance with B68-2015, Council approved the "Proposed 2016 Enhanced Capital Budget" in the form of placeholder allocations in the budget with reports to BE PREPARED for Council's consideration.				2020: North Talbot Environmental Assessment and Engineering - \$200,000 Southwood Lakes East Entrance (Lake Trail Drive just off of Howard Ave.) Reconstruction - \$400,000							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
7161049				CR562/2016 - Report C141/2016 pre-committed \$600,000 from the 2016 Enhanced Capital Budget. Funding available 2020.							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5410	Construction Contracts - TCA						
2018	0	0	0		0	0	0	600,000	0	0	600,000
2019	0	0	0		Total						
2020	600,000	600,000	0		0	0	0	600,000	0	0	600,000
2021	0	0	0	<b>Revenues</b>							
2022+	0	0	0	169	Pay As You Go - Capital Reserve						
	<b>600,000</b>	<b>600,000</b>	<b>0</b>		0	0	0	600,000	0	0	600,000
					0	0	0	600,000	0	0	600,000
					Total						
					0	0	0	600,000	0	0	600,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	Depending on the final design, there may be decreased road maintenance costs.			0	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2016	January 1, 2016	Growth: 0.0 % Maintenance: 0.0 %		Wes Hicks / Phong Nguy				2020			



# Project Version Summary

<b>Project #</b>	ENG-015-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>		<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Sewer Rehabilitation - Mount Carmel - Cabana to Lennon Drain		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Sewers		
<b>Wards</b>	Ward 1		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
Engineering (design, contract administration and inspection) and construction for storm sewer and replacement of watermain on Mount Carmel Drive from Cabana Rd W to the Lennon Drain. Sewer will provide improved stormwater outlet and hydraulic grade lines (HGL), within most of the drainage area, will be reduced. In all areas the HGL will not exceed ERCA flood line elevation.															
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
This project is being put forward as part of the City's Clean Water Waste Water Fund application.  Report C190/2016 pre-commits \$500,000 in 2018 F028 funding to this project.															
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		<b>Revenue</b>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>				
2017	1,800,000	0	1,800,000	<b>Expenses</b>											
2018	500,000	500,000	0	5410	Construction Contracts - TCA										
2019	0	0	0		1,800,000	500,000	0	0	0	0	0	2,300,000			
2020	0	0	0		Total	1,800,000	500,000	0	0	0	0	2,300,000			
2021	0	0	0	<b>Revenues</b>											
2022+	0	0	0	028	Sewer Surcharge										
	<b>2,300,000</b>	<b>500,000</b>	<b>1,800,000</b>		0	500,000	0	0	0	0	0	500,000			
<b>Historical Approved Budget</b>				6310	Ontario Specific Grants										
					575,000	0	0	0	0	0	0	575,000			
				6320	Canada Specific Grants										
					1,150,000	0	0	0	0	0	0	1,150,000			
				6735	Recovery Of Expenses EXTERNAL										
					75,000	0	0	0	0	0	0	75,000			
					Total	1,800,000	500,000	0	0	0	0	2,300,000			
<b>Related Projects</b>				<b>Operating Budget Impact</b>											
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>				
				Unknown	Depending on the final design, there may be decreased sewer maintenance costs.					0	0				
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>							
2017	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %		Wes Hicks				2018							



# Project Version Summary

<b>Project #</b>	ENG-016-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>		<b>Division</b>	Infrastructure & Geomatics
<b>Title</b>	Campbell/University Area Storm Drainage - Environmental Assessment/Master Plan		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Sewers		
<b>Wards</b>	Ward 2		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
To prepare an Environmental Assessment and master plan for the drainage area. The drainage area is a long standing residential area that is currently serviced by combined sewers from a 660 mm dia. brick outlet to 300 mm dia. vitrified clay sewers. The newer development areas (located to the south) within the drainage area have been separated with both storm and sanitary sewers.											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
This project is being put forward as part of the City's Clean Water Waste Water Fund application.											
Report C190/2016 pre-commits \$100,000 in 2018 F028 funding to this project.											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	300,000	0	300,000	2915 Consulting Services - External							
2018	100,000	100,000	0		300,000	100,000	0	0	0	0	400,000
2019	0	0	0	<b>Total</b>	<b>300,000</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>400,000</b>
2020	0	0	0	<b>Revenues</b>							
2021	0	0	0	028 Sewer Surcharge							
2022+	0	0	0		0	100,000	0	0	0	0	100,000
	<b>400,000</b>	<b>100,000</b>	<b>300,000</b>	6310 Ontario Specific Grants							
					100,000	0	0	0	0	0	100,000
				6320 Canada Specific Grants							
					200,000	0	0	0	0	0	200,000
				<b>Total</b>	<b>300,000</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>400,000</b>
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	No Operating Budget Impact				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %		Wes Hicks				2018			



## Project Version Summary

<b>Project #</b>	ENG-012-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>		<b>Division</b>	Pollution Control
<b>Title</b>	ESR for Riverfront CSO Downstream of CMH Woods Pump Station/LRWRP Wet Weather Flows		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Sewers		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<p>The Environmental Study Report (ESR) for the Combined Sewer Overflow (CSO) is the follow up to the existing Retention Treatment Basin work that was completed in 2012. Additionally, the wet weather flows at the Lou Romano Water Reclamation Plant (LRWRP) will work in conjunction with this to identify the recommended solution to these related items. Funding from senior levels of government for the proposed study have been identified as being strongly supported and funding is available. This would result in up to 2/3 funding for this study, however, to be conservative, this submission anticipates only 1/2 funding.</p> <p>Completion of the ESR at this time will clearly identify what is required to address the Riverfront CSOs and wet weather events at the LRWRP for future planning. Additionally, this would allow for the ability to move the project forward when senior level funding becomes available.</p> <p>It is anticipated that the study would be in the \$250,000 to \$300,000 range depending on the scope. It could be brought to the functional design stage, allowing for a more expedient transition to final design.</p>											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	2950	Other Prof Services-External						
2018	300,000	150,000	150,000		0	300,000	0	0	0	0	300,000
2019	0	0	0		Total						
2020	0	0	0		0	300,000	0	0	0	0	300,000
2021	0	0	0	<b>Revenues</b>							
2022+	0	0	0	028	Sewer Surcharge						
	<b>300,000</b>	<b>150,000</b>	<b>150,000</b>		0	0	0	0	0	0	0
<b>Historical Approved Budget</b>				169	Pay As You Go - Capital Reserve						
					0	150,000	0	0	0	0	150,000
				6310	Ontario Specific Grants						
					0	75,000	0	0	0	0	75,000
				6320	Canada Specific Grants						
					0	75,000	0	0	0	0	75,000
					Total						
					0	300,000	0	0	0	0	300,000

Related Projects			Operating Budget Impact	
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date
2017	January 1, 2017	Growth: 0.0 % Maintenance: 0.0 %	Chris Manzon	2018
			Effective Date	Description
			Unknown	No Operating Budget Impact
			Exp/(Rev)	FTE Impact
			0	0





# Project Version Summary

<b>Project #</b>	ENG-013-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>		<b>Division</b>	Pollution Control
<b>Title</b>	Malden Landfill Gas Migration		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Sewers		
<b>Wards</b>	Ward 2		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>								
For compliance with Ontario Ministry of the Environment and Climate Change (MOECC) Provincial Officers Orders and as per MOECC Amended Environmental Compliance Approval for the Closed Malden Rd. Western Inert Landfill (Malden Park), the City is required to mitigate the potential of off-site landfill gas migration identified in gas monitoring wells in the vicinity of the John McGivney Children's Centre/City of Windsor joint use parking lot. The work consists of engineering, preparation of tender documents, excavation of refuse and fill beneath the joint use parking lot and subsequent restoration of the parking lot. The preliminary cost for this work ranges from \$1.3 million to \$2.608 million, and is highly dependent on the amount of refuse requiring proper disposal discovered upon excavation of the site.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
				S164/2016 pre-committed \$2.608 million from the 2017-2021 5-Year Capital Plan to this project. CR 646/2016: 2017 - F028 \$40,000 / 2017 - F145 \$1,608,000 / 2018 F169 \$79,000 / 2019 F169 \$881,000								
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>		<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>								
2017	1,648,000	1,648,000	0	5410	Construction Contracts - TCA							
2018	79,000	79,000	0		1,648,000	79,000	881,000	0	0	0	2,608,000	
2019	881,000	881,000	0		<hr/>							2,608,000
2020	0	0	0		Total	1,648,000	79,000	881,000	0	0	0	2,608,000
2021	0	0	0	<b>Revenues</b>								
2022+	0	0	0	028	Sewer Surcharge							
	<b>2,608,000</b>	<b>2,608,000</b>	<b>0</b>		40,000	0	0	0	0	0	0	40,000
<b>Historical Approved Budget</b>				145	Windsor Waste Management							
					1,608,000	0	0	0	0	0	0	1,608,000
				169	Pay As You Go - Capital Reserve							
					0	79,000	881,000	0	0	0	0	960,000
					<hr/>							2,608,000
				Total	1,648,000	79,000	881,000	0	0	0	0	2,608,000
<b>Related Projects</b>				<b>Operating Budget Impact</b>								
				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	Depending on the final design, there may be reduced landfill monitoring costs.			0	0			
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>								
2017	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %	Paul Drca / Chris Manzon / Wadah Al-Yassiri	2017								



# Project Version Summary

<b>Project #</b>	ENG-017-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>		<b>Division</b>	Pollution Control
<b>Title</b>	Pontiac Pumping Station - Capacity Study		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Sewers		
<b>Wards</b>	Ward 7		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
To review the Pontiac Pumping Station drainage capacity, optimization, and future needs. This pump station is in the area which was impacted by the recent flooding events of September 29, 2016.											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
This project is being put forward as part of the City's Clean Water Waste Water Fund application.											
Report C190/2016 pre-commits \$62,500 in 2018 F028 funding to this project.											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	187,500	0	187,500	2915 Consulting Services - External							
2018	62,500	62,500	0		187,500	62,500	0	0	0	0	250,000
2019	0	0	0	<b>Total</b>	187,500	62,500	0	0	0	0	250,000
2020	0	0	0	<b>Revenues</b>							
2021	0	0	0	028 Sewer Surcharge							
2022+	0	0	0		0	62,500	0	0	0	0	62,500
	<b>250,000</b>	<b>62,500</b>	<b>187,500</b>	6310 Ontario Specific Grants							
<b>Historical Approved Budget</b>					62,500	0	0	0	0	0	62,500
				6320 Canada Specific Grants							
					125,000	0	0	0	0	0	125,000
				<b>Total</b>	187,500	62,500	0	0	0	0	250,000
<b>Related Projects</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>
				Unknown	No Operating Budget Impact					0	0
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %		Chris Manzon				2018			



# Project Version Summary

<b>Project #</b>	ENG-018-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>		<b>Division</b>	Pollution Control
<b>Title</b>	St. Paul Pumping Station - Capacity Study		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Sewers		
<b>Wards</b>	Ward 6		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
To review the St. Paul Pumping Station drainage capacity, optimization, and future needs. This pump station is in the area which was impacted by the recent flooding events of September 29, 2016.											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
This project is being put forward as part of the City's Clean Water Waste Water Fund application.											
Report C190/2016 pre-commits \$62,500 in 2018 F028 funding to this project.											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	187,500	0	187,500	2915 Consulting Services - External							
2018	62,500	62,500	0		187,500	62,500	0	0	0	0	250,000
2019	0	0	0	Total	187,500	62,500	0	0	0	0	250,000
2020	0	0	0	<b>Revenues</b>							
2021	0	0	0	028 Sewer Surcharge							
2022+	0	0	0		0	62,500	0	0	0	0	62,500
	<b>250,000</b>	<b>62,500</b>	<b>187,500</b>	6310 Ontario Specific Grants							
					62,500	0	0	0	0	0	62,500
				6320 Canada Specific Grants							
					125,000	0	0	0	0	0	125,000
				Total	187,500	62,500	0	0	0	0	250,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	No Operating Budget Impact				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %		Chris Manzon				2018			



# Project Version Summary

<b>Project #</b>	ENG-020-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>		<b>Division</b>	Pollution Control
<b>Title</b>	LRWRP Dry Well Reliability Issues		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Sewers		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
Review of the LRWRP MPH Drywell integrity during high flow events and preventative measures upgrades. During significant wet weather events, vulnerabilities in the main pump house at the LRWRP could lead to significant infrastructure damage and failure compromising the plant operations. The upgrades would provide additional protection from these vulnerabilities.											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
This project is being put forward as part of the City's Clean Water Waste Water Fund application.  Report C190/2016 pre-commits \$87,500 in 2018 F028 funding to this project.											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	262,500	0	262,500	5410	Construction Contracts - TCA						
2018	87,500	87,500	0		262,500	87,500	0	0	0	0	350,000
2019	0	0	0		Total						
2020	0	0	0		262,500	87,500	0	0	0	0	350,000
2021	0	0	0	<b>Revenues</b>							
2022+	0	0	0	028	Sewer Surcharge						
<b>350,000</b>	<b>350,000</b>	<b>87,500</b>	<b>262,500</b>		0	87,500	0	0	0	0	87,500
<b>Historical Approved Budget</b>				6310	Ontario Specific Grants						
					87,500	0	0	0	0	0	87,500
				6320	Canada Specific Grants						
					175,000	0	0	0	0	0	175,000
					Total						
					262,500	87,500	0	0	0	0	350,000
<b>Related Projects</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	No Operating Budget Impact			0	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %		Chris Manzon				2018			



# Project Version Summary

<b>Project #</b>	ENG-021-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>		<b>Division</b>	Pollution Control
<b>Title</b>	Maplewood Pumping Station - Odour Control System		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Sewers		
<b>Wards</b>	Ward 1		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
Supply and installation of an odour control system at the Maplewood Pumping Station to prevent system corrosion. Current odour issues have impacted the downstream areas including sewers causing significant sewer corrosion and community impact. The odour control system would minimize these downstream effects.											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
This project is being put forward as part of the City's Clean Water Waste Water Fund application.  Report C190/2016 pre-commits \$137,500 in 2018 F028 funding to this project.											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	412,500	0	412,500	5410	Construction Contracts - TCA						
2018	137,500	137,500	0		412,500	137,500	0	0	0	0	550,000
2019	0	0	0		Total						
2020	0	0	0		412,500	137,500	0	0	0	0	550,000
2021	0	0	0	<b>Revenues</b>							
2022+	0	0	0	028	Sewer Surcharge						
	<b>550,000</b>	<b>137,500</b>	<b>412,500</b>		0	137,500	0	0	0	0	137,500
<b>Historical Approved Budget</b>				6310	Ontario Specific Grants						
					137,500	0	0	0	0	0	137,500
				6320	Canada Specific Grants						
					275,000	0	0	0	0	0	275,000
					Total						
					412,500	137,500	0	0	0	0	550,000
<b>Related Projects</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	Depending on the final design, there may be additional utility and maintenance costs.				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %		Chris Manzon				2018			



# Project Version Summary

<b>Project #</b>	ENG-022-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>		<b>Division</b>	Pollution Control
<b>Title</b>	LRWRP Back Wash Tanks		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Sewers		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>			<b>Version Description</b>																																																																																																																																																			
Supply and installation of automated screens on the BAF Back Wash Supply Tank. The existing screening system is unable to keep up with the current loading due to significant algae growth in the effluent channels requiring manual intervention. This impacts the BAF operations due to the limitation of back wash supply water. The installation of automated screen would result in improved operational reliability of the BAF system.																																																																																																																																																						
<b>Project Comments/Reference</b>			<b>Version Comments</b>																																																																																																																																																			
This project is being put forward as part of the City's Clean Water Waste Water Fund application.  Report C190/2016 pre-commits \$187,500 in 2018 F028 funding to this project.																																																																																																																																																						
<b>Project Forecast</b>			<b>Project Detailed Forecast</b>																																																																																																																																																			
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## Project Version Summary

<b>Project #</b>	ENV-001-08	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Pollution Control
<b>Title</b>	Lou Romano Water Reclamation Plant Capital Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Sewers		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>The project was established for repairs to the particular facility and other LRWRP capital related costs. It is funded from the Lou Romano Water Reclamation Plant dedicated Reserve Fund 131.</p> <p>The account represents funding for various works including placeholders for planned and unplanned repairs on a year-by-year basis. The work anticipated and completed varies annually dependent on manpower, project scope and can span several years.</p> <p>Due to the large amount of mechanical, electrical and structural infrastructure in the facility, annual funding from the Sewer Surcharge was put in place in order to address the depreciation of this infrastructure and provide for ongoing replacement, rehabilitation and repair. This ensures the reliability and integrity of the infrastructure in order to properly maintain the operation due to its critical nature.</p> <p>The facility has redundancy designed and built-in so that when equipment requires repair it can be taken out of service and still maintain the overall facility capacity. However, the repair must be completed in a timely manner in order for it to be brought back into service to ensure the reliability and integrity of the overall operation. Significant portions of the equipment are at what is considered to be its normal life span (15 to 40 years), dependent on the type of equipment. As a result, it is scheduled to be replaced as preventative maintenance prior to failure.</p>	<p>2017 Capital Works: \$2,105,000</p> <p>\$200,000 - Lab Equipment: Replacement of ICP instrument due to obsolescence and equipment failure.</p> <p>\$800,000 - PST Refurbishment: PST 2 &amp; 4 are due for refurbishment.</p> <p>\$100,000 - Channel Refurbishment: Repairs of concrete channel structure throughout plant</p> <p>\$200,000 - BAF Cell Refurbishment: Air piping has excessive leaks impacting operation of the process within the cell. There are 16 cells each requiring cell media removal and piping repairs.</p> <p>\$50,000 - Sluice Gate Refurbishment: Gates need to be refurbished as they do not seal up properly and consequently it is difficult to properly isolate equipment for maintenance.</p> <p>\$225,000 - PST Drain Valves: Existing below grade (20') valves are difficult to open/close due to dirt and corrosion; valves are situated next to 2 PSTs and SPH#1 requiring shoring be put in to excavate down to valves and not damage surrounding structures.</p> <p>\$110,000 - Centrifuge 2 and 3 Gearbox Replacement: The gearboxes are unreliable, requiring significant downtime, repair and replacement costs. The proposed replacements are upgraded gearboxes.</p> <p>\$120,000 - Centrifuge 1 Maindrive and Backdrive VFD replacement: Replacement of the maindrive and backdrive VFD due to age and reliability.</p> <p>\$300,000 - Miscellaneous: To address the equipment repair and replacement which occurs due to unanticipated equipment failure. This is a placeholder due to the varying nature of this work.</p>
Project Comments/Reference	Version Comments
<p>See Document Attached. 7091009/7141035/7141036/7141037/7141038/7152002/7161006/7161007/7169002</p>	

Project Forecast				Project Detailed Forecast							
		Revenue		GL Account	2017	2018	2019	2020	2021	2022+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses							
2017	2,105,000	2,105,000	0	5410	Construction Contracts - TCA						
2018	1,510,000	1,510,000	0		2,105,000	1,510,000	1,450,000	950,000	2,150,000	8,800,000	16,965,000
2019	1,450,000	1,450,000	0		Total						
2020	950,000	950,000	0		2,105,000	1,510,000	1,450,000	950,000	2,150,000	8,800,000	16,965,000
2021	2,150,000	2,150,000	0	Revenues							
2022+	8,800,000	8,800,000	0	131	West Windsor PCP						
	<b>16,965,000</b>	<b>16,965,000</b>	<b>0</b>		2,105,000	1,510,000	1,450,000	950,000	2,150,000	8,800,000	16,965,000
					Total						
					2,105,000	1,510,000	1,450,000	950,000	2,150,000	8,800,000	16,965,000
Historical Approved Budget											
Year	Total Expense	Net City Cost	Subsidies								
2008	250,000	250,000	0								
2009	100,000	100,000	0								
2010	100,000	100,000	0								
2011	1,600,000	1,600,000	0								
2012	1,000,000	1,000,000	0								
2013	1,550,000	1,550,000	0								
2014	2,200,000	2,200,000	0								
2015	650,000	650,000	0								
2016	2,250,000	2,250,000	0								
Related Projects				Operating Budget Impact							
				Effective Date	Description	Exp/(Rev)	FTE Impact				
				Unknown	These works are all related to replacement and refurbishment of existing equipment and are expected to result in decreased maintenance costs.	0	0				
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date							
2008	January 1, 2008	Growth: 0.0 % Maintenance: 100.0 %	Chris Manzon	Ongoing							



**Project Attachments  
For: 2017**

**Project # ENV-001-08**

**Project Name: Lou Romano Water Reclamation Plant**

<b>Capital Project #7169002</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
Lab equipment	\$200,000					\$200,000	\$400,000
RS Pump Rebuilds		\$600,000			\$1,500,000		\$2,100,000
SCADA Equipment			\$200,000	\$200,000		\$200,000	\$600,000
BAF Valve repair/replacement			\$50,000	\$50,000		\$400,000	\$500,000
Bar Screens Rakes and Conveyors						\$100,000	\$100,000
PST refurbish	\$800,000		\$600,000			\$800,000	\$2,200,000
Channel Refurbishment	\$100,000			\$100,000		\$500,000	\$700,000
BAF Cell Refurbishment	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$2,000,000	\$3,000,000
UV Module Replacement		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Sluice Gate Refurbishment	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000
Main Pumphouse Piping						\$1,000,000	\$1,000,000
PST Drain Valves	\$225,000						\$225,000
Security		\$200,000					\$200,000
Centrifuge 2 and 3 Gearbox Replacement	\$110,000	\$110,000					\$220,000
Centrifuge 1 Maindrive and Backdrive replacement	\$120,000						\$120,000
Miscellaneous	\$300,000	\$300,000	\$300,000	\$300,000	\$350,000	\$3,500,000	\$5,050,000
<b>Total</b>	<b>\$2,105,000</b>	<b>\$1,510,000</b>	<b>\$1,450,000</b>	<b>\$950,000</b>	<b>\$2,150,000</b>	<b>\$8,800,000</b>	<b>\$16,965,000</b>

**2017 Anticipated Capital Works:**

**Lab Equipment:** Replacement of ICP instrument due to obsolescence and equipment failure.

**PST Refurbishment:** PST 2 & 4 are due for refurbishment.

**Channel Refurbishment:** Repairs of concrete channel structure throughout plant.

**BAF Cell Refurbishment:** Air piping has excessive leaks impacting operation of the process within the cell. There are 16 cells each requiring cell media removal and piping

**Sluice Gate Refurbishment:** Gates need to be refurbished as they do not seal up properly and consequently it is difficult to properly isolate equipment for maintenance.

**PST Drain Valves:** Existing below grade (20') valves are difficult to open/close due to dirt and corrosion; valves are situated next to 2 PSTs and SPH #1 requiring shoring be put in to excavate down to valves and not damage surrounding structures.

**Centrifuge 2 and 3 Gearbox Replacement:** The gearboxes are unreliable, requiring significant downtime, repair and replacement costs. The proposed replacements are upgraded gearboxes.

**Centrifuge 1 Maindrive and Backdrive VFD replacement:** Replacement of the maindrive and backdrive VFD due to age and reliability.

**Miscellaneous:** To address the equipment repair and replacement which occurs due to unanticipated equipment failure. This is a placeholder due to the varying nature of this



## Project Version Summary

<b>Project #</b>	ENV-002-08	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Pollution Control
<b>Title</b>	Little River Pollution Control Plant Capital Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Sewers		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>Established for the repairs of the particular facility and other LRPCP capital related costs. Funded from the dedicated Reserve F132.</p> <p>The account represents funding for various works including placeholders for planned and unplanned repairs on a year-by-year basis. The work anticipated and completed varies annually dependent on manpower, project scope and can span several years.</p> <p>Due to the large amount of mechanical, electrical and structural infrastructure in the facility, annual funding from the Sewer Surcharge was put in place in order to address the depreciation of this infrastructure and provide for ongoing replacement, rehabilitation and repair. This ensures the reliability and integrity of the infrastructure in order to properly maintain the operation due to its critical nature.</p> <p>The facility has redundancy designed and built-in so that when equipment requires repair it can be taken out of service and still maintain the overall facility capacity. However, the repair must be completed in a timely manner in order for it to be brought back into service to ensure the reliability and integrity of the overall operation. Significant portions of the equipment are at what is considered to be its normal life span (15 to 40 years), dependent on the type of equipment. As a result, it is scheduled to be replaced as preventative maintenance prior to failure.</p>	<p>2017 Capital Works: \$1,920,000</p> <p>\$50,000 - HVAC Units (Dewatering): Replacement of the dewatering HVAC equipment is required due to age and corrosion of the equipment caused by the operating environment.</p> <p>\$125,000 - Upgrade 90/70 PLC: PLC is obsolete and must be upgraded for compatibility with new Profitnet I/O bus system.</p> <p>\$50,000 - Upgrade I/O System: Existing GE Genius I/O system is obsolete; system must be converted to new Profitnet I/O system in phases.</p> <p>\$60,000 - PST Refurbishment: PST 1 to 4, 5 and 6 structures are due for refurbishment and repairs.</p> <p>\$60,000 - FST Refurbishment: FST 1 to 4, 5 and 6 structures are due for refurbishment and repairs.</p> <p>\$35,000 - Misc. Concrete Tank and Channel Refurbishment: Concrete tank and channel structures are due for refurbishment and repairs.</p> <p>\$60,000 - Aeration Cell Refurbishment: Aeration cell concrete tanks require refurbishment and repairs.</p> <p>\$50,000 - Sluice Gate Refurbishment: Gates need to be refurbished as they do not seal up properly and consequently are difficult to isolate for maintenance.</p> <p>\$80,000 - SPH-PSP Replacements: Sludge feed pumps require replacement due to equipment wear.</p> <p>\$1,100,000 - Aeration Blower Replacements: Existing blowers are nearing end of life and should be replaced with Turbo Blowers which will pay back within approximately 4 years (estimate) based on anticipated energy savings.</p> <p>\$250,000 - Miscellaneous: To address the equipment repair and replacement which occurs due to unanticipated equipment failure. This is a placeholder due to the varying nature of this work.</p>
Project Comments/Reference	Version Comments
<p>See Document Attached. 7091011/7141039/7141040/7151016/7161019/7161020/7161021/7161022/7161023/71640097169004</p>	

Project Forecast				Project Detailed Forecast							
		Revenue		GL Account	2017	2018	2019	2020	2021	2022+	Total
Year	Total Expense	Net City Cost	Subsidies								
2017	1,920,000	1,920,000	0								
2018	1,095,000	1,095,000	0								
2019	2,755,000	2,755,000	0								
2020	525,000	525,000	0								
2021	575,000	575,000	0								
2022+	4,770,000	4,770,000	0								
	<b>11,640,000</b>	<b>11,640,000</b>	<b>0</b>								
Historical Approved Budget											
		Revenue									
Year	Total Expense	Net City Cost	Subsidies								
2008	213,000	213,000	0								
2009	500,000	500,000	0								
2010	350,000	350,000	0								
2011	100,000	100,000	0								
2012	1,396,000	1,396,000	0								
2013	2,075,000	2,075,000	0								
2014	1,245,000	1,245,000	0								
2015	900,000	900,000	0								
2016	2,030,000	2,030,000	0								
Related Projects				Operating Budget Impact							
				Effective Date	Description	Exp/(Rev)	FTE Impact				
				Unknown	These works are all related to replacement and refurbishment of existing equipment and are expected to result in decreased maintenance costs.	0	0				
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date							
2008	January 1, 2008	Growth: 0.0 % Maintenance: 100.0 %	Chris Manzon	Ongoing							

**Project Attachments  
For: 2017**

**Project # ENV-002-08**

**Project Name: Little River Pollution Control Plant**

<b>Capital Project #7169004</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
3 Schwing Pumps			\$100,000				\$100,000
HVAC Units (Dewatering)	\$50,000	\$350,000					\$400,000
UV System Upgrade / Replacement		\$100,000	\$2,000,000				\$2,100,000
Upgrade 90/70 PLC	\$125,000						\$125,000
Upgrade I/O System	\$50,000						\$50,000
RS Pump Rebuilds		\$50,000	\$50,000			\$100,000	\$200,000
PST Refurbishment	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$300,000	\$600,000
FST Refurbishment	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$300,000	\$600,000
Misc. Concrete Tank and Channel Refurbishment	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$370,000	\$545,000
Aeration Cell Refurbishment	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000		\$300,000
Sluice Gate Refurbishment	\$50,000	\$50,000	\$60,000	\$60,000	\$60,000	\$600,000	\$880,000
SPH - PSP Replacements	\$80,000	\$80,000	\$80,000				\$240,000
Aeration Blower Replacements	\$1,100,000						\$1,100,000
Security						\$100,000	\$100,000
Miscellaneous	\$250,000	\$250,000	\$250,000	\$250,000	\$300,000	\$3,000,000	\$4,300,000
<b>Total</b>	<b>\$1,920,000</b>	<b>\$1,095,000</b>	<b>\$2,755,000</b>	<b>\$525,000</b>	<b>\$575,000</b>	<b>\$4,770,000</b>	<b>\$11,640,000</b>

**2017 Anticipated Capital Works:**

**HVAC Units (Dewatering):** Replacement of the dewatering HVAC equipment is required due to age and corrosion of the equipment caused by the operating environment.

**Upgrade 90/70 PLC:** PLC is obsolete and must be upgraded for compatibility with new Profinet I/O bus system.

**Upgrade I/O System:** Existing GE Genius I/O system is obsolete; system must be converted to new Profinet I/O system in phases.

**PST Refurbishment:** PST 1 to 4, 5 and 6 structures are due for refurbishment and repairs.

**FST Refurbishment:** FST 1 to 4, 5 and 6 structures are due for refurbishment and repairs.

**Misc. Concrete Tank and Channel Refurbishment:** Concrete tank and channel structures are due for refurbishment and repairs.

**Aeration Cell Refurbishment:** Aeration cell concrete tanks require refurbishment and repairs.

**Sluice Gate Refurbishment:** Gates need to be refurbished as they do not seal up properly and consequently are difficult to isolate for maintenance.

**SPH - PSP Replacements:** Sludge feed pumps require replacement due to equipment wear.

**Aeration Blower Replacements:** Existing blowers are nearing end of life and should be replaced with Turbo Blowers which will pay back within approximately 4 years (estimate) based on anticipated energy savings.

**Miscellaneous:** To address the equipment repair and replacement which occurs due to unanticipated equipment failure. This is a placeholder due to the varying nature of this work.



## Project Version Summary

<b>Project #</b>	ENV-003-08	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Engineering
<b>Asset Type</b>	Unassigned	<b>Division</b>	Pollution Control
<b>Title</b>	Pumping Stations Capital Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Sewers		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>Established for repairs to various pumping station facilities and other capital related costs. Funded from the dedicated Reserve Fund 133.</p> <p>The account represents funding for various works including placeholders for planned and unplanned repairs on a year-by-year basis. The work anticipated and completed varies annually dependent on manpower, project scope and can span several years.</p> <p>Due to the large amount of mechanical, electrical and structural infrastructure in the 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.</p> <p>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.</p>	<p>2017 Capital Works: \$1,400,000</p> <p>\$450,000 - East Marsh: Upgrade the diesel and MCC which are at end of life; install a third pump to empty out the system.</p> <p>\$50,000 - Lakeview / Blue Heron Pond: One pump will need to be refurbished or replaced.</p> <p>\$550,000 - Maplewood: Upgrade the diesel and MCC which are at end of life.</p> <p>\$150,000 - St. Paul: Involves the repair and/or replacement of some of the pumps due to age and wear. The pumps are 40 years old and reliability and efficiency will be addressed through this replacement.</p> <p>\$200,000 - Miscellaneous: To address the equipment repair and replacement which occurs due to unanticipated equipment failure. This is a placeholder due to the varying nature of this work.</p>
Project Comments/Reference	Version Comments
<p>See Document Attached. 7091010/7141042/7162003/7162004/7169003</p>	

Project Forecast				Project Detailed Forecast							
		Revenue		GL Account	2017	2018	2019	2020	2021	2022+	Total
Year	Total Expense	Net City Cost	Subsidies								
2017	1,400,000	1,400,000	0								
2018	250,000	250,000	0								
2019	2,030,000	2,030,000	0								
2020	390,000	390,000	0								
2021	2,850,000	2,850,000	0								
2022+	6,130,000	6,130,000	0								
	<b>13,050,000</b>	<b>13,050,000</b>	<b>0</b>								
Historical Approved Budget											
		Revenue									
Year	Total Expense	Net City Cost	Subsidies								
2008	150,000	150,000	0								
2009	225,000	225,000	0								
2010	410,000	410,000	0								
2011	100,000	100,000	0								
2012	595,000	595,000	0								
2013	1,005,000	1,005,000	0								
2014	970,000	970,000	0								
2015	525,000	525,000	0								
2016	400,000	400,000	0								
Related Projects				Operating Budget Impact							
				Effective Date	Description	Exp/(Rev)	FTE Impact				
				Unknown	These works are all related to replacement and refurbishment of existing equipment and are expected to result in decreased maintenance costs.	0	0				
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date							
2008	January 1, 2008	Growth: 0.0 % Maintenance: 100.0 %	John Guidolin / Sergio Mannina	Ongoing							

**Project Attachments  
For: 2017**

**Project # ENV-003-08**

**Project Name: Pumping Stations**

<b>Capital Project #7169003</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Ambassador/Ojibway</b>							
Pumps/Diesel						\$130,000	\$130,000
MCC/Controls						\$100,000	\$100,000
<b>Aspen Lake</b>							
Dredging						\$500,000	\$500,000
<b>Drouillard</b>							
MCC upgrade/replacement			\$250,000				\$250,000
<b>East Banwell</b>							
dredging/cleaning						\$50,000	\$50,000
<b>East Marsh</b>							
diesel / mcc	\$450,000						\$450,000
<b>Grand Marais</b>							
diesel driven pump				\$150,000			\$150,000
<b>Howard Grade (new 2011)</b>							
pumps						\$160,000	\$160,000
dredging						\$200,000	\$200,000
<b>Huron Estates</b>							
Pumps/Diesel				\$40,000		\$100,000	\$140,000
<b>Janette/Charl</b>							
Pumps/Diesel					\$400,000		\$400,000
upgrade/refurbish					\$50,000		\$50,000
<b>Jefferson</b>							
Pumps/Diesel		\$50,000					\$50,000
<b>Lakeview/Blue Heron Pond</b>							
Pumps	\$50,000						\$50,000
Dredging						\$400,000	\$400,000
<b>Maplewood</b>							
Pumps/Diesel	\$50,000						\$50,000
MCC upgrade/replacement	\$500,000						\$500,000
<b>Pontiac</b>							
diesel			\$1,500,000				\$1,500,000
<b>Provincial (Legacy)</b>							
pumps						\$90,000	\$90,000
clean underground storage			\$80,000				\$80,000
<b>St. Paul</b>							
pumps	\$150,000						\$150,000
diesel					\$1,000,000		\$1,000,000
MCC upgrade/replacement					\$500,000		\$500,000

**Project Attachments  
For: 2017**

**Project # ENV-003-08**

**Project Name: Pumping Stations**

<b>Capital Project #7169003</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Walker</b>							
pumps					\$150,000		\$150,000
dredging					\$500,000		\$500,000
<b>Wellington</b>							
diesel / mcc upgrade / replacement						\$500,000	\$500,000
<b>Ypres</b>							
pumps						\$100,000	\$100,000
diesel / mcc						\$500,000	\$500,000
Flow monitoring of interceptors						\$800,000	\$800,000
Miscellaneous	\$200,000	\$200,000	\$200,000	\$200,000	\$250,000	\$2,500,000	\$3,550,000
<b>Total</b>	<b>\$1,400,000</b>	<b>\$250,000</b>	<b>\$2,030,000</b>	<b>\$390,000</b>	<b>\$2,850,000</b>	<b>\$6,130,000</b>	<b>\$13,050,000</b>

**2017 Anticipated Capital Works:**

**East Marsh:** Upgrade the diesel and MCC which are at end of life; install a third pump to empty out the system.

**Lakeview / Blue Heron Pond:** One pump will need to be refurbished or replaced.

**Maplewood:** Upgrade the diesel and MCC which are at end of life.

**St. Paul:** Involves the repair and / or replacement of some of the pumps due to age and wear. The pumps are 40 years old and reliability and efficiency will be addressed through this replacement.

**Miscellaneous:** To address the equipment repair and replacement which occurs due to unanticipated equipment failure. This is a placeholder due to the varying nature of this work.





# Project Version Summary

<b>Project #</b>	PFO-007-11	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Parks
<b>Asset Type</b>	Unassigned	<b>Division</b>	Forestry
<b>Title</b>	Tree Maintenance Backlog		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

**Project Description**

The Forestry Operations is responsible for the maintenance of approximately 65,000 street trees and 35,000 parkland trees. Tree maintenance on existing trees primarily involves the removal of poor trees and trimming of trees that are still viable. In the past, Parks carried out area trim contracts throughout the city with the intent to trim all the city's street trees over a 10 year period. This proactive maintenance was last carried out in 2006 on a smaller scale.

Our area trims also addressed streetlights/tree conflicts. Since area trims are no longer carried out, no trimming for streetlight clearances has occurred. Enwin has indicated that the number of streetlight outages has increased recently due to tree limbs knocking down the lines.

Over the past 10 years Parks has increased the number of removals carried out per year due to the age of many of our Silver and Norway maples.

**Version Description**

The age distribution of our street trees is as follows: 30.3% are over 60 years old; 29.7% are between 40-60 years old; 18% are between 20-40 years old; and 22% are under 20 years old. As a result funds originally budgeted to trimming were reallocated to removals. The balance of the trim budget has been used when available, to help reduce the backlog of work activity spawned by citizen requests.

As a result of the above activities Parks no longer carried out any proactive trimming. All trimming is carried out on a reactive basis. The absence of proactive trimming greatly increases the city's liability when it comes to the related claims.

In order to move to the acceptable industry standard, \$480,000 will be required on a go forward basis.

**Project Comments/Reference**

See Document Attached  
(7129001 closed), 7131021

**Version Comments**

Council Report #18079 outlines the plan for Forestry moving forward which and addresses the backlog workload and how the funding is to be utilized. The report outlines the implementation of an inspection plan and resource requirements to carry out these plans.

<b>Project Forecast</b>		<b>Revenue</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2017	250,000	250,000	0
2018	710,000	710,000	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
	<b>2,960,000</b>	<b>2,960,000</b>	<b>0</b>

<b>Project Detailed Forecast</b>		<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>GL Account</b>								
<b>Expenses</b>								
2980	Contracted Services	250,000	710,000	500,000	500,000	500,000	500,000	2,960,000
	<b>Total</b>	<b>250,000</b>	<b>710,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>2,960,000</b>
<b>Revenues</b>								
160	Capital Expenditure Reserve	0	115,000	0	53,000	500,000	0	668,000
169	Pay As You Go - Capital Reserve	250,000	595,000	500,000	447,000	0	500,000	2,292,000
	<b>Total</b>	<b>250,000</b>	<b>710,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>2,960,000</b>

<b>Historical Approved Budget</b>		<b>Revenue</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2012	65,000	65,000	0
2013	96,250	96,250	0
2014	121,250	121,250	0
2015	225,000	225,000	0
2016	210,000	210,000	0

**Related Projects**

<b>Operating Budget Impact</b>		<b>Exp/(Rev)</b>	<b>FTE Impact</b>
<b>Effective Date</b>	<b>Description</b>		
Unknown	No operating budget impact.	0	0

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>
2011	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Paul Giroux	2021

<b>Program</b>	<b>2017 Catch Up Year</b>	<b>Year 1 2018</b>	<b>Year 2 2019</b>	<b>Year 3 2020</b>	<b>Year 4 2021</b>	<b>Year 5 2022</b>	<b>Year 6 2023</b>	<b>Year 7 2024</b>	<b>Notes:</b> Following the 7th year of the program, officially caught up and new SR's will be deferred to year of area trim
Routine Maintenance	\$450,000	\$375,000	\$375,000	\$375,000	\$375,000	\$375,000	\$375,000	\$375,000	2500 service requests/yr *\$150/tree
Preventative Maintenance - Area Trim Program		\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	10,000 trees per year * \$150/tree
Identified Tree Removals		\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	5% of trees trimmed per year identified to be removed in near future (@\$1,000/tree)
<b>Total Funding per Year Required</b>	<b>\$450,000</b>	<b>\$2,375,000</b>	<b>\$2,375,000</b>	<b>\$2,375,000</b>	<b>\$2,375,000</b>	<b>\$2,375,000</b>	<b>\$2,375,000</b>	<b>\$2,375,000</b>	



# Project Version Summary

<b>Project #</b>	PFO-001-16	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Parks
<b>Asset Type</b>	Unassigned	<b>Division</b>	Horticulture
<b>Title</b>	New Greenhouse Complex Construction and Refurbishments		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 2		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<p>The greenhouse complex consists of 7 heated greenhouses housing over 60,000 specialty type plant material. The greenhouses range in age from 10 years to 90 years with the majority of the glass greenhouses being constructed with wood. These houses have now deteriorated to the point where the structure itself is shifting and the wood is rotting, creating concerns for potential safety issues. The current complex is old technology with vents and glass that have low efficiency and now no longer seal properly allowing heat to escape and promotes condensation. Each greenhouse is heated separately where one large, open space is the industry standard for more energy efficiency and provides cost savings to the corporation.</p> <p>There are only two toilets for over 50 staff during peak season. The current lunch room cannot accommodate staff requiring them to eat outside and in the greenhouse area, which is contrary to the Health and Safety requirements to provide employees with a lunch room and adequate washroom facilities.</p>				<p>This project would allow for the build of a greenhouse 150' x 150' which would be built to current safety and high energy efficient standards. The new complex would offer operational savings to the corporation. The greenhouse operation will become increasingly more important to the City Beautification program as the commercial greenhouse industry is trending from flowers to vegetable and medical crop production.</p>							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5410 Construction Contracts - TCA							
2018	0	0	0		0	0	0	0	0	1,500,000	1,500,000
2019	0	0	0								
2020	0	0	0								
2021	0	0	0								
2022+	1,500,000	1,500,000	0								
	<b>1,500,000</b>	<b>1,500,000</b>	<b>0</b>	<b>Revenues</b>							
				169 Pay As You Go - Capital Reserve							
					0	0	0	0	0	1,500,000	1,500,000
				<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,500,000</b>	<b>1,500,000</b>
<b>Historical Approved Budget</b>											

Related Projects			Operating Budget Impact									
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date								
2016	December 4, 2021	Growth: 0.0 % Maintenance: 0.0 %	Dave Tootill	2025								
			<table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>Unknown</td> <td>The current 75 year old structure is a result of additions and extensions with what is now 7 areas connected by hallways and doorways. Each of the 7 areas has its own heat source. Although it is difficult to project definitively, a new Greenhouse is expected to provide savings to the Corporation in the way of heating and lighting. The current structure is made of wood and glass which often requires maintenance which is not budgeted for.</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	Effective Date	Description	Exp/(Rev)	FTE Impact	Unknown	The current 75 year old structure is a result of additions and extensions with what is now 7 areas connected by hallways and doorways. Each of the 7 areas has its own heat source. Although it is difficult to project definitively, a new Greenhouse is expected to provide savings to the Corporation in the way of heating and lighting. The current structure is made of wood and glass which often requires maintenance which is not budgeted for.	0	0	
Effective Date	Description	Exp/(Rev)	FTE Impact									
Unknown	The current 75 year old structure is a result of additions and extensions with what is now 7 areas connected by hallways and doorways. Each of the 7 areas has its own heat source. Although it is difficult to project definitively, a new Greenhouse is expected to provide savings to the Corporation in the way of heating and lighting. The current structure is made of wood and glass which often requires maintenance which is not budgeted for.	0	0									



# Project Version Summary

<b>Project #</b>	PFO-001-14	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Parks
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks Operations
<b>Title</b>	Central Riverfront Park Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 2, Ward 3, Ward 4		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>								
The priorities of this project will be determined by the public consultation and review of the Central Riverfront Implementation Plan 2000 (CRIP). Much of the initial works in this project involve the installation of infrastructure for continued development of the riverfront. Safety items, accommodation of public access and activities for families continue to be a priority. The project will include infrastructure servicing, hard surface paving, an entrance court, landscaping, site furniture, lighting, fencing, seating, access stairs and ramps.				2019: Dieppe Park riverwalk restoration \$600,000 Festival Plaza paving, lighting, & perimeter fence \$2,000,000 Celestial Beacon design \$400,000 2020: Recreationway lights & way-finding signage \$500,000 2021+: Segment 7 - Family Recreation - Glengarry to Langlois \$2,500,000 & on-going improvements in line with the CRIP \$10,450,000								
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
				As per CR498/2016, \$500,000 pre-commitment in principle for the Dieppe River Walk (Canada 150 Community Infrastructure Program).								
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>		<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>								
2017	0	0	0	5410	Construction Contracts - TCA							
2018	0	0	0		0	0	3,000,000	500,000	2,450,000	10,500,000	16,450,000	
2019	3,000,000	3,000,000	0		Total							0
2020	500,000	500,000	0	<b>Revenues</b>								
2021	2,450,000	2,450,000	0	169	Pay As You Go - Capital Reserve							
2022+	10,500,000	10,500,000	0		0	0	3,000,000	500,000	2,450,000	10,500,000	16,450,000	
	<b>16,450,000</b>	<b>16,450,000</b>	<b>0</b>		Total							0
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>								
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>					
				Unknown	By adding amenities and infrastructure in accordance with the Central Riverfront Implementation Plan (C.R.I.P.) the Operating Budget faces impact. Where additional landscaping and floral displays are prominent the workload and budget pressures are significant. Amenities such as lighting, site furniture, seating and signage add to the maintenance costs of the Operating Department.	0	0					
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>				
2014	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Mike Clement				2020+				



# Project Version Summary

<b>Project #</b>	PFO-001-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Parks
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks Operations
<b>Title</b>	Adult Exercise Equipment		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 9		
<b>Version Name</b>	Main (Active)		

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



# Project Version Summary

<b>Project #</b>	PFO-002-15	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Parks
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks Operations
<b>Title</b>	Accessible Playgrounds Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
As per the 2014 Enhanced Capital Plan, Council approved in principle funds from the 2018 Debt Reduction Levy for accessible playgrounds citywide.				2017: Bellewood Park - \$275,000 (2018 pre-commitment dollars) 2017-2021: MacDonald Park; Polonia Park, North Talbot Park, Wilson Park, Lakeshore Woods Park, Willistead Park, MicMac South (across from John McGivney) Malden Park - These units will be replaced in order of priority based on condition. 2021: Adult Exercise Equipment \$50,000											
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
7145009				As per CR89/2014, Report #17088, Council formerly approved the Accessible Playgrounds project.  Council Report #18001, Dec 21, 2015 outlined the annual budget requirements to sustain a successful Accessible Playground replacement program. Council committed to 125 Accessible Playground units city-wide.											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		<b>Revenue</b>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>												
2017	0	0	0												
2018	2,000,000	2,000,000	0												
2019	0	0	0												
2020	0	0	0												
2021	1,500,000	1,500,000	0												
2022+	6,900,000	6,900,000	0												
<b>10,400,000</b>		<b>10,400,000</b>													
<b>Historical Approved Budget</b>															
<b>Related Projects</b>															
				<b>Operating Budget Impact</b>											
				<b>Effective Date</b>		<b>Description</b>		<b>Exp/(Rev)</b>		<b>FTE Impact</b>					
				Unknown		Accessible Playgrounds have a financial impact on the Operating Budget. Replacement parts and repairs are more costly than traditional playground equipment.		0		0					
<b>Year Identified</b>		<b>Start Date</b>		<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>					
2014		October 1, 2014		Growth: 0.0 % Maintenance: 0.0 %		Mike Clement				2021+					





# Project Version Summary

<b>Project #</b>	PFO-002-16	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Parks
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks Operations
<b>Title</b>	Realtor Park Splash Pad/Washroom Placeholder		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 6		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>														
In accordance with B68-2015, Council approved the "Proposed 2016 Enhanced Capital Budget" in the form of placeholder allocations in the budget with reports to BE PREPARED for Council's consideration.				This project consists of design, tendering and installation of a splash pad at Realtor Park and renovation/addition to the existing washroom/storage building. The planning phase is expected to commence in the Spring of 2016. Renovations to the existing washroom will be undertaken in the Fall of 2016. The splash pad is anticipated to be tendered in December 2016 with a completion date by June 2017.														
<b>Project Comments/Reference</b>				<b>Version Comments</b>														
				In accordance with B68-2015, Council approved the "Proposed 2016 Enhanced Capital Budget" in the form of placeholder allocations in the budget with reports to BE PREPARED for Council's consideration.														
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>														
		<b>Revenue</b>																
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>							
2017	0	0	0	<b>Expenses</b>														
2018	0	0	0	5410	Construction Contracts - TCA													
2019	0	0	0		0	0	0	500,000	0	0	500,000							
2020	500,000	500,000	0		Total							0	0	500,000				
2021	0	0	0	<b>Revenues</b>														
2022+	0	0	0	169	Pay As You Go - Capital Reserve													
	<b>500,000</b>	<b>500,000</b>	<b>0</b>		0	0	0	500,000	0	0	500,000							
					Total							0	0	500,000				
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>														
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>							
				Unknown	The commissioning of new park amenities results in pressures on the maintenance and operating budget.					0	0							
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>										
2016	April 1, 2016	Growth: 0.0 % Maintenance: 0.0 %		Mike Clement				June 2017										



# Project Version Summary

<b>Project #</b>	PFO-003-15	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Parks
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks Operations
<b>Title</b>	Central Riverfront Implementation Plan (C.R.I.P.) Placeholder		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	Ward 2, Ward 3, Ward 4		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>									
As per the 2014 Enhanced Capital Plan, Council approved in principle funds from the 2018 Debt Reduction Levy for the Central Riverfront Implementation Plan (C.R.I.P.).  A detailed report will come forward to Council identifying specifically what the placeholder funds will be used for. Project descriptions will be updated at that time. To date CR203/2014, R#17278 approved \$40k for a report on what is needed to complete the festival stage, plaza and walkway. CR30/2015 R#17550 approved \$25k for flag pole at Dieppe Park.													
<b>Project Comments/Reference</b>				<b>Version Comments</b>									
7152005: Festival Plaza Study; 7152006: Great Canadian Flag; 7132015: CRIP Trail/Pedestrian Tunnel													
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>									
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>		
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>									
2017	0	0	0	5410	Construction Contracts - TCA								
2018	2,300,000	2,300,000	0		0	2,300,000	0	0	0	0	0	2,300,000	
2019	0	0	0		Total							0	2,300,000
2020	0	0	0	<b>Revenues</b>									
2021	0	0	0	169	Pay As You Go - Capital Reserve								
2022+	0	0	0		0	2,300,000	0	0	0	0	0	2,300,000	
	<b>2,300,000</b>	<b>2,300,000</b>	<b>0</b>		Total							0	2,300,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>									
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	No operating budget impact.				0	0			
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>					
2014	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %		Mike Clement				2018					



# Project Version Summary

<b>Project #</b>	PFO-003-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Parks
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks Operations
<b>Title</b>	GPS Laser Line Painting Equipment		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>			
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
To acquire GPS laser line painting machine and software for Parks Operations. This will remove the need to string line soccer fields.															
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
				Operating Budget Issue #2017-0287 if accepted by Council, pre-commits \$50,000 funding in 2020.											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		<b>Revenue</b>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>				
2017	0	0	0	<b>Expenses</b>											
2018	0	0	0	5110	Machinery & Equipment - TCA										
2019	0	0	0		0	0	0	50,000	0	0	50,000				
2020	50,000	50,000	0	Total	0	0	0	50,000	0	0	50,000				
2021	0	0	0	<b>Revenues</b>											
2022+	0	0	0	169	Pay As You Go - Capital Reserve										
	<b>50,000</b>	<b>50,000</b>	<b>0</b>		0	0	0	50,000	0	0	50,000				
				Total	0	0	0	50,000	0	0	50,000				
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>											
				<b>Effective Date</b>		<b>Description</b>		<b>Exp/(Rev)</b>		<b>FTE Impact</b>					
				2017-01-01				30,000		0					
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>							
2017		Growth: 0.0 % Maintenance: 0.0 %		Ivan Mantha											



# Project Version Summary

<b>Project #</b>	PFO-005-12	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Parks
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks Operations
<b>Title</b>	Regional Parks Initiatives		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
Regional parks benefit the entire community, surrounding communities, tourist and visitors to Windsor. Projects undertaken focus on park redevelopment and improving major park amenities. There are 33 regional parks in the park system that account for 42% of the total area of parkland. The regional parks include riverfront parks, sports parks, horticultural displays and heritage parks. The 2016 operating budget for the maintenance of the park system was \$14,800.00.				2017: Mic Mac Park-Cullen Field Improvements - lighting \$500,000 2018: Mic Mac Washrooms \$500,000 2019: Alexander Park Accessible Playground \$300,000 ; Jackson Park design, plan & construction documents \$200,000 2020: No Funding 2021: Jackson Park Sunken Garden washrooms & Maintenance Bldg. \$750,000												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7129002/7151013/7161024																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>														
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>					
2017	500,000	500,000	0	<b>Expenses</b>												
2018	500,000	500,000	0	5410	Construction Contracts - TCA											
2019	500,000	500,000	0		500,000	500,000	500,000	0	750,000	0	2,250,000					
2020	0	0	0		Total	500,000	500,000	500,000	0	750,000	0	2,250,000				
2021	750,000	750,000	0	<b>Revenues</b>												
2022+	0	0	0	151	Land Acquisitions - O/T Highways											
	<b>2,250,000</b>	<b>2,250,000</b>	<b>0</b>		0	0	0	0	750,000	0	750,000					
<b>Historical Approved Budget</b>																
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	160	Capital Expenditure Reserve											
2012	585,000	585,000	0		500,000	0	219,000	0	0	0	719,000					
2013	336,379	174,750	161,629	169	Pay As You Go - Capital Reserve											
2014	510,000	510,000	0		0	500,000	281,000	0	0	0	781,000					
2015	831,000	831,000	0		Total	500,000	500,000	500,000	0	750,000	0	2,250,000				
2016	220,000	220,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>		<b>Description</b>		<b>Exp/(Rev)</b>		<b>FTE Impact</b>						
				Unknown		Accessible Playgrounds have a financial impact on the Operating Budget. Replacement parts and repairs are more costly than traditional playground equipment. Washroom facility rebuilds are energy efficient and AODA compliant and will reduce Facility Operation maintenance requirements.							0		0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>								

2012	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Mike Clement	Ongoing
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# Project Version Summary

<b>Project #</b>	PFO-006-12	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Parks
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks Operations
<b>Title</b>	Community Parks Initiatives		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>														
Community parks vary in size and are designed to service a diverse population and provide opportunities for all types of recreation, social and cultural activities. Community parks have more amenities than neighbourhood parks and can include large sport fields, splash pads, community centres, large playground areas, sport courts, picnic shelters and other park amenities. Projects undertaken will focus on improving major park amenities.				2017: Lakeshore Woods Park Improvements \$250,000 2018: No Funding 2019: Bridgeview Path Shelter Lights Park Redevelopment \$500,000 2020: MacDonald Park Improvements \$500,000 2021: Splash Pad with Washroom Facilities at Forest Glade Community Centre \$250,000 2022: Splash Pad with Washroom Facilities at Forest Glade Community Centre \$250,000														
<b>Project Comments/Reference</b>				<b>Version Comments</b>														
7129011/7151014				Additional project funds from the 2018 Debt Reduction Plan (\$500,000) have been pre-approved as a placeholder in the 2014 Approved Capital Budget. CR89/2014 Report, #17088 approved this placeholder.														
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>														
		<b>Revenue</b>																
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>							
2017	250,000	250,000	0	<b>Expenses</b>														
2018	0	0	0	5410	Construction Contracts - TCA													
2019	500,000	500,000	0		250,000	0	500,000	500,000	250,000	250,000	1,750,000							
2020	500,000	500,000	0		Total							250,000	250,000	1,750,000				
2021	250,000	250,000	0	<b>Revenues</b>														
2022+	250,000	250,000	0	151	Land Acquisitions - O/T Highways													
	<b>1,750,000</b>	<b>1,750,000</b>	<b>0</b>		0	0	0	500,000	250,000	250,000	1,000,000							
<b>Historical Approved Budget</b>																		
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	169	Pay As You Go - Capital Reserve													
2013	450,000	450,000	0		250,000	0	500,000	0	0	0	750,000							
2014	751,282	751,282	0		Total							250,000	250,000	1,750,000				
2015	750,000	750,000	0															
2016	577,000	577,000	0															
<b>Related Projects</b>				<b>Operating Budget Impact</b>														
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>							
				Unknown	Accessible Playgrounds have a financial impact on the Operating Budget. Replacement parts and repairs are more costly than traditional playground equipment.					0	0							
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>										
2012	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %		Mike Clement				Ongoing										



# Project Version Summary

<b>Project #</b>	PFO-007-12	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Parks
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks Operations
<b>Title</b>	Neighbourhood Parks Initiatives		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main - Neighbourhood Parks (Active)		

<b>Project Description</b>				<b>Version Description</b>																		
Neighbourhood parks are smaller in scale and are designed to compliment and contribute to the character of their neighbourhoods including more passive recreational amenities. Projects undertaken under neighbourhood parks will focus on complete redevelopment of the entire park. Typically, the City will focus on those parks that are deemed to be out of date, lack resources and do not attract users. Redevelopment improvements include, but are not limited to, improved landscaping, pathway development and demolition/renovation of outdated park amenities. There are 142 neighbourhood parks that consist of 158 hectares or 10% of the open space system.				2017: Mitchell Park pathways, sports court, lights and shelter \$250,000 2018: No Funding 2019: Mitchell Park finish improvements \$300,000; Kennedy Park improvements \$200,000 2020: Bruce Avenue Park Improvements \$500,000 2021+: Leafield \$250,000																		
<b>Project Comments/Reference</b>				<b>Version Comments</b>																		
7129003/7151015/7161025				As per CR248/2016, Report #18177, \$550,000 approved as a pre-commitment for the redevelopment of Mitchell Park - \$250,000 from 2017 and \$300,000 from 2019.																		
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>																		
		<b>Revenue</b>																				
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>											
2017	250,000	250,000	0	<b>Expenses</b>																		
2018	0	0	0	5410	Construction Contracts - TCA																	
2019	500,000	500,000	0		250,000	0	500,000	500,000	250,000	250,000	1,750,000											
2020	500,000	500,000	0		Total							250,000	0	500,000	500,000	250,000	250,000	1,750,000				
2021	250,000	250,000	0	<b>Revenues</b>																		
2022+	250,000	250,000	0	151	Land Acquisitions - O/T Highways																	
	<b>1,750,000</b>	<b>1,750,000</b>	<b>0</b>		0	0	0	500,000	250,000	250,000	1,000,000											
<b>Historical Approved Budget</b>																						
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	160	Capital Expenditure Reserve																	
2012	70,000	70,000	0		250,000	0	0	0	0	0	250,000											
2014	300,000	300,000	0	169	Pay As You Go - Capital Reserve																	
2015	340,500	340,500	0		0	0	500,000	0	0	0	500,000											
2016	250,000	250,000	0		Total							250,000	0	500,000	500,000	250,000	250,000	1,750,000				
<b>Related Projects</b>				<b>Operating Budget Impact</b>																		
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>											
				Unknown	Accessible Playgrounds have a financial impact on the Operating Budget. Replacement parts and repairs are more costly than traditional playground equipment.					0	0											
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>														
2012	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %		Mike Clement				Ongoing														



# Project Version Summary

<b>Project #</b>	PFO-008-12	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Parks
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks Operations
<b>Title</b>	New Park Design/Development/Construction		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
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 2017 project entails the extension of the Little River Road, off road multi-use trail from Clover Ave to Florence Avenue at Aspen Lake.				2017: East Riverside Little River Rd. linear park - \$300,000 2021: Sandwich South Employment Lands - \$300,000											
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
7129004															
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		<b>Revenue</b>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>				
2017	300,000	300,000	0	<b>Expenses</b>											
2018	0	0	0	5410	Construction Contracts - TCA										
2019	0	0	0		300,000	0	0	0	300,000	0	600,000				
2020	0	0	0		Total	300,000	0	0	300,000	0	600,000				
2021	300,000	300,000	0	<b>Revenues</b>											
2022+	0	0	0	151	Land Acquisitions - O/T Highways										
	<b>600,000</b>	<b>600,000</b>	<b>0</b>		300,000	0	0	0	300,000	0	600,000				
					Total	300,000	0	0	300,000	0	600,000				
<b>Historical Approved Budget</b>															
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>												
2012	300,000	300,000	0												
<b>Related Projects</b>				<b>Operating Budget Impact</b>											
				<u>Effective Date</u>	<u>Description</u>	<u>Exp/(Rev)</u>	<u>FTE Impact</u>								
				Unknown	New Parks have an impact on the Operating Budget. These are added to the grass cutting and the trail maintenance schedule. Trees will be added to these areas, which will require regular maintenance during the first 3 years, to ensure tree health. Where floral displays are prominent the Horticulture Operating Budget is significantly impacted.	0	0								
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>							
2012	January 1, 2017	Growth: 100.0 % Maintenance: 0.0 %		Mike Clement				Ongoing							





# Project Version Summary

<b>Project #</b>	PFO-009-12	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Parks
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks Operations
<b>Title</b>	Park Bridges/Shelters/Buildings/Shore Wall Capital Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
This capital program includes replacement and renovations of bridges, shelters, buildings and other park structures which may need replacement. Bridge and culvert inspection are carried out by Public Works to prioritize repairs and replacements.				2017: Little River Corridor Bridges 2018: No Funding 2019: Little River Corridor Bridges 2020: Little River Corridor Bridges 2021: Peche Island Bridge and Docks 500,000 2022+: East End Yard \$1,000,000 and Shorewall Improvements \$8,000,000												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7129005																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>														
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>					
2017	50,000	50,000	0	<b>Expenses</b>												
2018	0	0	0	5410	Construction Contracts - TCA											
2019	100,000	100,000	0		50,000	0	100,000	100,000	100,000	9,400,000	9,750,000					
2020	100,000	100,000	0		Total	50,000	0	100,000	100,000	100,000	9,400,000	9,750,000				
2021	100,000	100,000	0	<b>Revenues</b>												
2022+	9,400,000	9,400,000	0	169	Pay As You Go - Capital Reserve											
	<b>9,750,000</b>	<b>9,750,000</b>	<b>0</b>		50,000	0	100,000	100,000	100,000	9,400,000	9,750,000					
					Total	50,000	0	100,000	100,000	100,000	9,400,000	9,750,000				
<b>Historical Approved Budget</b>																
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
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													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>		<b>Description</b>		<b>Exp/(Rev)</b>		<b>FTE Impact</b>						
				Unknown		No operating budget impact.		0		0						
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>								
2012	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %		Mike Clement				Ongoing								



# Project Version Summary

<b>Project #</b>	PFO-011-12	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Parks
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks Operations
<b>Title</b>	Beautification of Civic Gateways and Other Open Spaces		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>									
Projects include new Civic Gateways and Open Space development projects at various locations across Windsor. City beautification includes any open space development project undertaken on City owned property. In 2009, CR301/2009 approved funding of \$2.5M for the Civic Gateways (PFO-004-09/7081902). Further beautification efforts adding to our gateway initiatives include Lauzon Parkway at E.C. Row and Wyandotte Street East Median Improvements, which should be completed in 2016. In 2020, the Lauzon Parkway medians from E.C. Row to Tecumseh Rd East will be improved.				2017: No Budget 2018: No Budget 2019: No Budget 2020: Lauzon Parkway completion 2021: Huron Line, Giles and Walker median work									
<b>Project Comments/Reference</b>				<b>Version Comments</b>									
7129006				Operating Budget Item #2017-0320 identifies an issue that if approved by Council, then the funding in 2020 and 2021 becomes pre-committed.									
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>									
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>		
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>									
2017	0	0	0	5410	Construction Contracts - TCA								
2018	0	0	0		0	0	0	500,000	500,000	1,300,000	2,300,000		
2019	0	0	0										
2020	500,000	500,000	0					500,000	500,000	1,300,000	2,300,000		
2021	500,000	500,000	0										
2022+	1,300,000	1,300,000	0										
	<b>2,300,000</b>	<b>2,300,000</b>	<b>0</b>										
<b>Historical Approved Budget</b>				<b>Revenues</b>									
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	160	Capital Expenditure Reserve								
2012	125,000	125,000	0		0	0	0	500,000	500,000	965,000	1,965,000		
2014	104,000	104,000	0										
2015	200,000	200,000	0										
2016	215,000	215,000	0										
				169	Pay As You Go - Capital Reserve								
					0	0	0	0	0	335,000	335,000		
					0	0	0	500,000	500,000	1,300,000	2,300,000		
<b>Related Projects</b>				<b>Operating Budget Impact</b>									
				<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>						
				Unknown	The additional Gateways and Medians will have a significant impact on the Operating Budget. Efforts will be made to naturalize the Gateways to alleviate these pressures.	0	0						
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>									
2012	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %	Mike Clement	Ongoing									



# Project Version Summary

<b>Project #</b>	PFO-012-12	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Parks
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks Operations
<b>Title</b>	Park Trails Capital Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
<p>Repairs are required to regularly maintain asphalt and granular base trails making them safe and thereby decreasing litigation and claims. We are experiencing a backlog of required trail repairs although we will deal with them as far as funding will allow. Repairs, resurfacing, bollards, curb maintenance, safety markings and signs are all potential upgrades. We have over 120 kms of trails in our system and ongoing refurbishment of sections of trails are necessary to maintain a safe and usable overall trail system.</p> <p>The average life span of an asphalt trail is 15-20 years. Major trails such as the Ganatchio Trail south, Grande Marais trail, Southwood Lakes and inter park trails are approaching the end of their lifecycle. Parks currently maintains over 120km of trails in the system. The approximate cost to replace a kilometer of trail is \$400,000. The 2016 Parks Master Plan identified trails to be one of the most important recreational amenities in parks.</p>				<p>2017: Central Riverfront - Ambassador Bridge to Elm \$200,000            2018: No Funding            2019: Bruce Avenue Park \$200,000            2020: Edgar Bikeways \$200,000            2021: Southwood Lakes Trails \$200,000            Note: Priority will be given to those areas based on inspection results.</p>											
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
(7129012 Closed)/7161026															
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		<b>Revenue</b>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>				
2017	200,000	200,000	0	5410 Construction Contracts - TCA											
2018	0	0	0		200,000	0	200,000	200,000	200,000	200,000	1,000,000				
2019	200,000	200,000	0	Total	200,000	0	200,000	200,000	200,000	200,000	1,000,000				
2020	200,000	200,000	0	<b>Revenues</b>											
2021	200,000	200,000	0	169 Pay As You Go - Capital Reserve											
2022+	200,000	200,000	0		200,000	0	200,000	200,000	200,000	200,000	1,000,000				
	<b>1,000,000</b>	<b>1,000,000</b>	<b>0</b>	Total	200,000	0	200,000	200,000	200,000	200,000	1,000,000				
<b>Historical Approved Budget</b>															
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>												
2016	200,000	200,000	0												
<b>Related Projects</b>				<b>Operating Budget Impact</b>											
				<u>Effective Date</u>	<u>Description</u>					<u>Exp/(Rev)</u>	<u>FTE Impact</u>				
				Unknown	No operating budget impact.					0	0				
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>							
2012	January 1, 2016	Growth: 0.0 % Maintenance: 100.0 %		Mike Clement				2020+							



# Project Version Summary

<b>Project #</b>	PFO-013-12	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Parks
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks Operations
<b>Title</b>	Park-related Parking Lots Capital Upgrades		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>								
Parking lots are an ongoing program that requires continuous upgrades to meet the needs of users and the standards set out by the City of Windsor By-laws. The parks and recreation system has over 80 parking lots of various sizes and conditions. The existing parking lot surfaces range from simple gravel lots to curbed paved and drained lots built to the current city standards. On average the one parking lot per year is renovated or rebuilt. A parking lot condition report will be carried out in 2017.				2017: No Funding 2018: No Funding 2019: Jackson Park parking lot \$1,000,000 2020: Optimist Memorial Park parking lot \$500,000 2021: Malden Park parking lot \$200,000 2022: Malden Park parking lot \$500,000								
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
(7129007 Closed) 7159012				CR125/2016, Report #18130 approved the pre-commitment of \$500,000 from the 2019 Capital Budget allocation to accelerate the Optimist Memorial Park parking lot construction to 2017 in conjunction with the Windsor Public Library addition. The work on Jackson Park lot will then be completed in two phases beginning in 2019 and ending in 2020.								
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<b>Expenses</b>								
2017	0	0	0	5410	Construction Contracts - TCA							
2018	0	0	0		0	0	1,000,000	500,000	200,000	500,000	2,200,000	
2019	1,000,000	1,000,000	0		Total							
2020	500,000	500,000	0		0	0	1,000,000	500,000	200,000	500,000	2,200,000	
2021	200,000	200,000	0	<b>Revenues</b>								
2022+	500,000	500,000	0	169	Pay As You Go - Capital Reserve							
	<b>2,200,000</b>	<b>2,200,000</b>	<b>0</b>		0	0	1,000,000	500,000	200,000	500,000	2,200,000	
					Total	0	0	1,000,000	500,000	200,000	500,000	2,200,000
<b>Historical Approved Budget</b>												
		<b>Revenue</b>										
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>									
2012	75,000	75,000	0									
<b>Related Projects</b>				<b>Operating Budget Impact</b>								
				<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>					
				Unknown	No operating budget impact.	0	0					
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>				
2012	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Mike Clement				2020+				



# Project Version Summary

<b>Project #</b>	PFO-014-12	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Parks
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks Operations
<b>Title</b>	Park Community Partnership Initiatives		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
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.																
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7129015 - Partnerships																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>														
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>					
2017	25,000	25,000	0	<b>Expenses</b>												
2018	0	0	0	5410	Construction Contracts - TCA											
2019	25,000	25,000	0		25,000	0	25,000	25,000	25,000	50,000	150,000					
2020	25,000	25,000	0		Total	25,000	0	25,000	25,000	25,000	50,000	150,000				
2021	25,000	25,000	0	<b>Revenues</b>												
2022+	50,000	50,000	0	169	Pay As You Go - Capital Reserve											
	<b>150,000</b>	<b>150,000</b>	<b>0</b>		25,000	0	25,000	25,000	25,000	50,000	150,000					
<b>Historical Approved Budget</b>																
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>													
2012	275,000	25,000	250,000													
2013	25,000	25,000	0													
2014	25,000	25,000	0													
2015	25,000	25,000	0													
2016	25,000	25,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>							
				Unknown	The commissioning of new park amenities results in pressures on the maintenance and operating budget.			0	0							
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>								
2012	January 1, 2015	Growth: 100.0 % Maintenance: 0.0 %		Mike Clement				Ongoing								



# Project Version Summary

<b>Project #</b>	PFO-015-12	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Parks
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks Operations
<b>Title</b>	Parks Master Plan		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
The Parks Master Plan was last updated in 1989. This program will create a new document that defines and shapes our parks system for the foreseeable future. This program will create a living document aligned with the City's five year capital budget and will be updated every 5 years with attainable goals.				2021: Five Year Update of Parks Master Plan												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7129013																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<u>Revenue</u>														
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>					
2017	0	0	0	<b>Expenses</b>												
2018	0	0	0	5410	Construction Contracts - TCA											
2019	0	0	0	0	0	0	0	0	0	300,000	300,000					
2020	0	0	0	Total		0	0	0	0	0	300,000	300,000				
2021	0	0	0	<b>Revenues</b>												
2022+	300,000	300,000	0	169	Pay As You Go - Capital Reserve											
	<b>300,000</b>	<b>300,000</b>	<b>0</b>	0	0	0	0	0	0	300,000	300,000					
<b>300,000</b>		<b>300,000</b>		Total		0	0	0	0	0	300,000	300,000				
<b>Historical Approved Budget</b>																
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>													
2013	140,000	140,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<u>Effective Date</u>	<u>Description</u>					<u>Exp/(Rev)</u>	<u>FTE Impact</u>					
				Unknown	No operating budget impact.					0	0					
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>								
2012	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %		Mike Clement				2021+								



# Project Version Summary

<b>Project #</b>	PFO-016-12	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Parks
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks Operations
<b>Title</b>	Parkland Acquisitions		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main - Parks Acquisition (Active)		

<b>Project Description</b>				<b>Version Description</b>												
This general parkland acquisition & development project is used for purchases and development of lands for parks, as these lands become available. The acquisition and disposition of parkland is necessary to balance the system and provide and even distribution of parkland in all classifications to service the needs of residents as per the City of Windsor Official Plan.				2019-2021+: Riverfront Parkland The City has historically acquired riverfront lands based on location and availability of funds. Administration was in negotiations with a private property owner for the acquisition of its riverfront land. Should a mutually acceptable acquisition price be negotiated the private property owner has indicated it may allow for a protracted payment plan. This budget request is simply a general placeholder at this time. Should any additional lands be identified for purchase for which inadequate funds exist, Administration will produce a council report for their direction.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7129014																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>														
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>					
2017	0	0	0	<b>Expenses</b>												
2018	0	0	0	5410 Construction Contracts - TCA												
2019	0	0	0	0	0	0	0	0	0	10,000,000	10,000,000					
2020	0	0	0	0	0	0	0	0	0	10,000,000	10,000,000					
2021	0	0	0	0	0	0	0	0	0	10,000,000	10,000,000					
2022+	10,000,000	10,000,000	0	<b>Revenues</b>												
	<b>10,000,000</b>	<b>10,000,000</b>	<b>0</b>	151 Land Acquisitions - O/T Highways												
				0	0	0	0	0	0	10,000,000	10,000,000					
				0	0	0	0	0	0	10,000,000	10,000,000					
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>												
<b>Related Projects</b>				<b>Effective Date</b>		<b>Description</b>		<b>Exp/(Rev)</b>		<b>FTE Impact</b>						
				Unknown		No operating budget impact.		0		0						
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>								
2012	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Mike Clement				2020+								



# Project Version Summary

<b>Project #</b>	PFO-017-12	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Parks
<b>Asset Type</b>	Unassigned	<b>Division</b>	Parks Operations
<b>Title</b>	Playground Equipment Removal		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main - Equipment Removal (Active)		

<b>Project Description</b>				<b>Version Description</b>									
There are several parks with equipment in disrepair and they require annual maintenance. The removal of non-compliant equipment to clear areas will mitigate possible future injuries and claims.				2017 - 2021: Equipment removals The removals will be prioritized each year by the annual Playground Equipment Audit.									
<b>Project Comments/Reference</b>				<b>Version Comments</b>									
7129009													
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>									
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>		
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>									
2017	100,000	100,000	0	5410	Construction Contracts - TCA								
2018	0	0	0		100,000	0	100,000	0	100,000	0	300,000		
2019	100,000	100,000	0		Total								
2020	0	0	0		100,000	0	100,000	0	100,000	0	300,000		
2021	100,000	100,000	0	<b>Revenues</b>									
2022+	0	0	0	160	Capital Expenditure Reserve								
	<b>300,000</b>	<b>300,000</b>	<b>0</b>		50,000	0	0	0	0	0	50,000		
<b>Historical Approved Budget</b>													
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	169	Pay As You Go - Capital Reserve								
2012	100,000	100,000	0		50,000	0	100,000	0	100,000	0	250,000		
2013	154,000	154,000	0		Total								
2014	162,468	162,468	0		100,000	0	100,000	0	100,000	0	300,000		
2015	158,500	158,500	0										
2016	150,000	150,000	0										
<b>Related Projects</b>				<b>Operating Budget Impact</b>									
				<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>						
				Unknown	Accessible playgrounds have a financial impact on the Operating budget. Replacement parts and repairs are more costly than traditional playground equipment.	0	0						
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>					
2012	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %		Mike Clement				Ongoing					





# Project Version Summary

<b>Project #</b>	OPS-001-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Road Rehabilitation - Various Locations Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

**Project Description**  
 Citywide rehabilitation and reconstruction of existing paved roads comprises of 1,069 km (2,387 lane km) including the E.C. Row Expwy. As of June 2016, 19.6% of the road system is rated 'Now' Deficient. The estimated replacement value of road is approx. \$1.92 billion. To prevent further deterioration of the roads, a minimum annual expenditure of \$45 - \$55 million is required. Industry standard life cycle is 35 years, thus this maintenance is an ongoing perpetual cost. Specific projects are to be approved by Council prior to proceeding. It should be noted that years 2017 and beyond are based on current assessed condition and applied asset management.

**Version Description**  
 2017: Citywide Rehab (excl EC Row Rehab) = \$7,787,000 / EC Row Rehab = \$0  
 2018: Citywide Rehab (excl EC Row Rehab) = \$6,387,000 / EC Row Rehab = \$2,500,000  
 2019: Citywide Rehab (excl EC Row Rehab) = \$8,000,000 / EC Row Rehab = \$1,239,090  
 2020: Citywide Rehab (excl EC Row Rehab) = \$8,877,000 / EC Row Rehab = \$0  
 2021: Citywide Rehab (excl EC Row Rehab) = \$7,000,000 / EC Row Rehab = \$1,000,000

Note: Sewer and watermain information need to be taken into consideration prior to commencing any project. This includes consideration of any construction plans by utility companies as well as any change in dictated priorities that may ensue as time goes by.

**Project Comments/Reference**  
 See Document Attached  
 (Closed: 7081001, 7091002, 7101001, 7111001, 7121001)  
 Active: 7122000 - St. Rose, 7131110, 7141025, 7151003, 7161027, 7161050

**Version Comments**  
 M329-2014 Include reconstruction of the 900 block of Louis Ave. to be part of city's 1-5 year capital budget. As a result Louis Ave.- Erie to Niagara has been included in the year 2019 as per document attached.  
 On November 2, 2015, City Council approved a pre-commitment of \$2,382,000 for Ontario St., Hall Ave., Everts Ave. and Langlois Ave. road rehabilitation.  
 Pre-commitment CR553/2016 for \$448,500 2017 Capital Budget for Kamloops/Marentette Trunk Storm Repair.

Project Forecast		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2017	7,787,000	7,787,000	0
2018	8,887,000	8,887,000	0
2019	9,239,090	9,239,090	0
2020	8,877,000	8,877,000	0
2021	8,000,000	8,000,000	0
2022+	118,200,000	118,200,000	0
	<b>160,990,090</b>	<b>160,990,090</b>	<b>0</b>

Project Detailed Forecast							
GL Account	2017	2018	2019	2020	2021	2022+	Total
<b>Expenses</b>							
5410 Construction Contracts - TCA	7,787,000	8,887,000	9,239,090	8,877,000	8,000,000	118,200,00	160,990,09
						0	0
<b>Total</b>	<b>7,787,000</b>	<b>8,887,000</b>	<b>9,239,090</b>	<b>8,877,000</b>	<b>8,000,000</b>	<b>118,200,00</b>	<b>160,990,09</b>
						0	0
<b>Revenues</b>							
176 Federal Gas Tax Rebate	7,787,000	8,887,000	9,239,090	8,877,000	8,000,000	118,200,00	160,990,09
						0	0
<b>Total</b>	<b>7,787,000</b>	<b>8,887,000</b>	<b>9,239,090</b>	<b>8,877,000</b>	<b>8,000,000</b>	<b>118,200,00</b>	<b>160,990,09</b>
						0	0

Historical Approved Budget		Revenue	
Year	Total Expense	Net City Cost	Subsidies
2007	4,450,000	4,450,000	0
2008	10,658,000	10,658,000	0
2009	16,200,000	16,200,000	0
2010	16,200,000	16,200,000	0
2011	8,217,000	8,217,000	0
2012	2,404,300	904,300	1,500,000
2013	4,000,000	4,000,000	0
2014	7,637,000	7,637,000	0
2015	6,364,810	6,364,810	0
2016	7,787,000	7,787,000	0

Related Projects			Operating Budget Impact	
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date
2007	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy / Wade Bondy	Ongoing
			<b>Effective Date</b> <b>Description</b> <b>Exp/(Rev)</b> <b>FTE Impact</b> Unknown    Any budget deferral in approved funding will result    0    0 in an increase in the operating budget for temporary road repairs and patching.	

<b>PROPOSED 2017 ROAD REHABILITATION PROGRAM</b>				
<b>ITEM NO.</b>	<b>STREET</b>	<b>FROM</b>	<b>TO</b>	<b>REHAB. TYPE</b>
1	HALL AVE	WYANDOTTE ST E	GILES BLVD	R
2	HOWARD AVE	LAKE TRAIL DR	TALBOT RD	M
3	MEADOWBROOK LN	HAWTHORNE DR	ESSEX WAY	R
	GOYEAU ST	GILES BLVD	ERIE ST	M
6	RIVARD AVE	ROSE ST	QUEEN ELIZABETH DR	M
7	SOUTH CAMERON BLVD	WEST GRAND BLVD	HOWARD AVE	M / EA
8	DOWNING ST	GRANDVIEW ST	GRANDVIEW ST	M
9	ESPLANADE DR	LILAC LN	BEACHDALE	M
10	SCOTIA DR	AUSTEN DR	GRAND BLVD	M
11	BALDWIN AVE	MCMAHON AVE	GRANDVIEW ST	M
12	MCMAHON AVE	HAIG ST	GRANVIEW ST	M
13	JOINVILLE AVE	ARMSTRONG AVE	RIVARD AVE	M
14	LITTLER CRES	JOINVILLE AVE	SOUTHERLY TO CUL-DE-SAC	M
15	WILDWOOD DR	FOREST GLADE DR	FOREST GLADE DR	M
16	MIDFIELD CRES.	WILDWOOD DR	EASTERLY AROUND CRESCENT	M
17	HOLLY CRES	WILDWOOD DR	NORTHERLY AROUND CRESCENT	M
18	ROSEBRIAR RD	FOREST GLADE DR	WILDWOOD DR	M
19	ELMWOOD CRT	FOREST GLADE DR	ROSEBRIAR RD	M
20	KEATING CRES	BRIARBANK DR	BRIARBANK DR	M
<b>TOTAL CITYWIDE REHABILITATION</b>			<b>\$</b>	<b>7,787,000.00</b>
<b>E.C. ROW REHABILITATION</b>			<b>\$</b>	<b>-</b>
<b>2017 TOTAL PROGRAM BUDGET</b>			<b>\$</b>	<b>7,787,000.00</b>

<b>M</b>	<b>Mill and Pave</b>
<b>R</b>	<b>Full Road Reconstruction</b>
<b>LIP</b>	<b>Reconstruction w/local improvement for curb</b>
<b>M/R</b>	<b>Mill &amp; Pave AND Road Reconstruction</b>
<b>M/EA</b>	<b>Mill &amp; Pave AND Expanded Asphalt</b>
<b>M/RC</b>	<b>Mill &amp; Pave AND Reconstruction of Curb &amp; Gutter</b>

NOTE: Road Segments may be reprioritized in coordination with WUC watermain projects and budgets

ITEM NO.	STREET	FROM	TO	REHAB. TYPE
<b>PROPOSED 2018 ROAD REHABILITATION PROGRAM</b>				
ITEM NO.	STREET	FROM	TO	REHAB. TYPE
1	HALPIN RD	MULBERRY RD	WILDWOOD DR	M
2	PARK ST W	BRUCE AVE	CARON AVE	R
3	TECUMSEH RD E	HIGHLAND AVE	HOWARD AVE	R
4	ASPEN LANE	PINEVIEW CRES.	EASTERLY AROUND CRESCENT	M
5	LONSDALE CRES	DEERBROOK DR	DEERBROOK DR	M
6	HALSTEAD CRES	DEERBROOK DR	DEERBROOK DR	M
7	PALMS CRES	DEERBROOK DR	DEERBROOK DR	M
8	DOLPHIN CRT	PALMS CRES	WESTERLY TO CUL-DE-SAC	M
9	TECUMSEH RD W	PARTINGTON AVE	HURON CHURCH	R
10	EUGENIE ST	OUELLETTE AVE	HOWARD AVE	M
11	ALTEN DR.	REGIS AVE	ASHLAND DR.	M
12	ASHLAND DR.	REGIS AVE.	BEACHDALE RD.	M
13	BEACHDALE RD.	ESPLANADE DR	WILDWOOD DR.	M
14	REGIS AVE.	BEACHDALE RD.	WILDWOOD DR.	M
15	RYERSON RD.	REGIS AVE.	ASHLAND DR.	M
<b>TOTAL CITYWIDE REHABILITATION</b>			<b>\$</b>	<b>6,387,000.00</b>
<b>E.C. ROW REHABILITATION</b>			<b>\$</b>	<b>2,500,000.00</b>
<b>2018 TOTAL PROGRAM BUDGET</b>			<b>\$</b>	<b>8,887,000.00</b>

<b>M</b>	<b>Mill and Pave</b>
<b>R</b>	<b>Full Road Reconstruction</b>
<b>LIP</b>	<b>Reconstruction w/local improvement for curb</b>
<b>M/R</b>	<b>Mill &amp; Pave AND Road Reconstruction</b>
<b>M/EA</b>	<b>Mill &amp; Pave AND Expanded Asphalt</b>
<b>M/RC</b>	<b>Mill &amp; Pave AND Reconstruction of Curb &amp; Gutter</b>

NOTE: Road Segments may be reprioritized in coordination with WUC watermain projects and budgets

ITEM NO.	STREET	FROM	TO	REHAB. TYPE
<b>PROPOSED 2019 ROAD REHABILITATION PROGRAM</b>				
ITEM NO.	STREET	FROM	TO	REHAB. TYPE
1	ELLIS ST	GLADSTONE AVE	PARENT AVE	R
2	LOUIS AVE	ERIE ST	NIAGARA ST	R
3	COLLEGE AVE	WELLINGTON AVE	CRAWFORD AVE	R
4	EASTLAWN AVE	WYANDOTTE ST E	SOUTHERLY TO CUL-DE-SAC	R
5	GRAND MARAIS RD	DOMINION BLVD	DOUGALL AVE	R
6	PETER ST	SOUTH ST	JOHN B ST	R
7	PETER ST	DETROIT ST	BROCK ST	R
<b>TOTAL CITYWIDE REHABILITATION</b>			<b>\$</b>	<b>8,000,000.00</b>
<b>E.C. ROW REHABILITATION</b>			<b>\$</b>	<b>1,239,090.00</b>
<b>2019 TOTAL PROGRAM BUDGET</b>			<b>\$</b>	<b>9,239,090.00</b>

<b>M</b>	<b>Mill and Pave</b>
<b>R</b>	<b>Full Road Reconstruction</b>
<b>LIP</b>	<b>Reconstruction w/local improvement for curb</b>
<b>M/R</b>	<b>Mill &amp; Pave AND Road Reconstruction</b>
<b>M/EA</b>	<b>Mill &amp; Pave AND Expanded Asphalt</b>
<b>M/RC</b>	<b>Mill &amp; Pave AND Reconstruction of Curb &amp; Gutter</b>

NOTE: Road Segments may be reprioritized in coordination with WUC watermain projects and budgets

ITEM NO.	STREET	FROM	TO	REHAB. TYPE
<b>PROPOSED 2020 ROAD REHABILITATION PROGRAM</b>				
ITEM NO.	STREET	FROM	TO	REHAB. TYPE
1	HUNTINGTON AVE	GRANADA AVE	CABANA RD	M
2	FOCH AVE	MCDUGALL ST	HOWARD AVE	M
3	LOGAN AVE	MCDUGALL ST	HOWARD AVE	R
4	MERCER ST	TECUMSEH RD E	S. OF FOCH AVE	R
5	HOWARD AVE	TECUMSEH RD E	S. OF FOCHAVE	M
6	LINCOLN RD	NIAGARA ST	OTTAWA ST	M
7	LINCOLN RD	ASSUMPTION ST	WYANDOTTE ST E	R
8	LEDYARD AVE	WALKER RD	WOODWARD AVE	LIP
9	BYNG RD	LEDYARD AVE	DIVISION RD	LIP
10	TURNER RD	LEDYARD AVE	DIVISION RD	LIP
11	LONGFELLOW AVE	WEST GRAND BLVD	CABANA RD	M
12	TURNER RD	CALDERWOOD AVE	FOSTER AVE	LIP
13	SOMME AVE	FRANCOIS RD	ARTHUR RD	M
14	RIBERDY RD	FOSTER AVE	MELINDA CRT	LIP
15	RANDOLPH AVE	RIVERSIDE DR W	UNIVERSITY AVE	R
16	MILL ST	RUSSELL ST	SANDWICH ST	R
<b>TOTAL CITYWIDE REHABILITATION</b>			<b>\$</b>	<b>8,877,000.00</b>
<b>E.C. ROW REHABILITATION</b>			<b>\$</b>	<b>-</b>
<b>2020 TOTAL PROGRAM BUDGET</b>			<b>\$</b>	<b>8,877,000.00</b>

<b>M</b>	<b>Mill and Pave</b>
<b>R</b>	<b>Full Road Reconstruction</b>
<b>LIP</b>	<b>Reconstruction w/local improvement for curb</b>
<b>M/R</b>	<b>Mill &amp; Pave AND Road Reconstruction</b>
<b>M/EA</b>	<b>Mill &amp; Pave AND Expanded Asphalt</b>
<b>M/RC</b>	<b>Mill &amp; Pave AND Reconstruction of Curb &amp; Gutter</b>

NOTE: Road Segments may be reprioritized in coordination with WUC watermain projects and budgets

ITEM NO.	STREET	FROM	TO	REHAB. TYPE
<b>PROPOSED 2021 ROAD REHABILITATION PROGRAM</b>				
ITEM NO.	STREET	FROM	TO	REHAB. TYPE
1	EUGENIE STREET	OUELLETTE AVENUE	HOWARD AVENUE	M
2	LONGFELLOW AVENUE	ALEXANDRA AVENUE	LABELLE STREET	M
3	ALEXANDRA AVENUE	EC ROW	GRAND MARAIS ROAD	M
4	ACADEMY DRIVE	EC ROW	GRAND MARAIS ROAD	M
5	DANDURAND AVENUE	EC ROW	GRAND MARAIS ROAD	M
6	VIRGINIA PARK AVE	EC ROW	GRAND MARAIS ROAD	LIP
7	LABELLE STREET	ROCKWELL AVENUE	ALEXANDRA AVENUE	R
8	LABELLE STREET	ALEXANDRA AVENUE	DOMINION BOULEVARD	M
9	LAUZON PARKWAY	FOREST GLADE DRIVE	TECUMSEH ROAD	PANELS
10	TECUMSEH ROAD WEST	PARTINGTON AVENUE	BETTS AVENUE	R
11	SEMINOLE STREET	CENTRAL AVENUE	CHANDLER AVENUE	R
<b>TOTAL CITYWIDE REHABILITATION</b>			<b>\$</b>	<b>7,000,000.00</b>
<b>E.C. ROW REHABILITATION</b>			<b>\$</b>	<b>1,000,000.00</b>
<b>2021 TOTAL PROGRAM BUDGET</b>			<b>\$</b>	<b>8,000,000.00</b>

<b>M -</b>	<b>Mill and Pave</b>
<b>R -</b>	<b>Full Road Reconstruction</b>
<b>M/R</b>	<b>Mill &amp; Pave AND Road Reconstruction</b>
<b>M/EA</b>	<b>Mill &amp; Pave AND Expanded Asphalt</b>
<b>M/RC</b>	<b>Mill &amp; Pave AND Reconstruction of Curb &amp; Gutter</b>

**NOTE: Road Segments may be reprioritized in coordination with WUC watermain projects and budgets**



# Project Version Summary

<b>Project #</b>	OPS-001-11	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Minor Alley Maintenance Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
The City has 80 kms of paved alleyways, primarily in the older sections of the City, which serve as part of the public right of way. This pavement degrades over time and requires periodic replacement and repairs.																
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7121000																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>														
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>					
2017	100,000	100,000	0	<b>Expenses</b>												
2018	0	0	0	5410	Construction Contracts - TCA											
2019	100,000	100,000	0		100,000	0	100,000	100,000	100,000	100,000	100,000	500,000				
2020	100,000	100,000	0	Total	100,000	0	100,000	100,000	100,000	100,000	100,000	500,000				
2021	100,000	100,000	0	<b>Revenues</b>												
2022+	100,000	100,000	0	169	Pay As You Go - Capital Reserve											
	<b>500,000</b>	<b>500,000</b>	<b>0</b>		100,000	0	100,000	100,000	100,000	100,000	100,000	500,000				
<b>Historical Approved Budget</b>																
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2014	100,000	100,000	0													
2016	100,000	100,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>							
				Unknown	Any budget deferral in approved funding will result in increased operating costs for temporary repairs and patching as required.			0	0							
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>								
2011	January 1, 2016	Growth: 0.0 % Maintenance: 100.0 %		Phong Nguy				Ongoing								





# Project Version Summary

<b>Project #</b>	OPS-002-10	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Civic Gateway Corridor Enhancements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	Ward 10		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
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.															
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		<b>Revenue</b>													
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>				
2017	0	0	0	<b>Expenses</b>											
2018	0	0	0	5410	Construction Contracts - TCA										
2019	200,000	200,000	0		0	0	200,000	0	0	0	200,000				
2020	0	0	0		0	0	200,000	0	0	0	200,000				
2021	0	0	0		0	0	200,000	0	0	0	200,000				
2022+	0	0	0	<b>Revenues</b>											
	<b>200,000</b>	<b>200,000</b>	<b>0</b>	169	Pay As You Go - Capital Reserve										
					0	0	200,000	0	0	0	200,000				
					0	0	200,000	0	0	0	200,000				
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>											
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>				
				Unknown	No Operating Budget Impact					0	0				
<b>Related Projects</b>															
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>							
2010	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Mark Winterton				2019							



# Project Version Summary

<b>Project #</b>	OPS-002-11	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Minor Road Rehabilitation Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<p>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 would address 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 and pavements and concrete road panel repairs to extend the life cycle where possible.</p>				<p>CR131/2014, Report #17162 approved a new Municipal Funding Agreement for the Gas Tax Funds in the years 2014-2018. As a result, additional Gas Tax funds received are allocated to this project freeing up F169 Pay-As-You-Go funds earmarked for Fire Hall #6.</p>							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
7111023											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	250,000	250,000	0	5410	Construction Contracts - TCA						
2018	0	0	0		250,000	0	400,000	250,000	250,000	3,500,000	4,650,000
2019	400,000	400,000	0		Total						
2020	250,000	250,000	0		250,000	0	400,000	250,000	250,000	3,500,000	4,650,000
2021	250,000	250,000	0	<b>Revenues</b>							
2022+	3,500,000	3,500,000	0	169	Pay As You Go - Capital Reserve						
	<b>4,650,000</b>	<b>4,650,000</b>	<b>0</b>		113,484	0	5,000	93,484	250,000	3,500,000	3,961,968
				176	Federal Gas Tax Rebate						
					136,516	0	395,000	156,516	0	0	688,032
					Total						
					250,000	0	400,000	250,000	250,000	3,500,000	4,650,000
<b>Historical Approved Budget</b>											
		<b>Revenue</b>									
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>								
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								

Related Projects			Operating Budget Impact	
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date
2011	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy	Ongoing
			Effective Date	Description
			Unknown	Any budget deferral in approved funding will result in increased operating costs for temporary repairs, patching and unscheduled maintenance as required.
			Exp/(Rev)	FTE Impact
			0	0



# Project Version Summary

<b>Project #</b>	OPS-002-14	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Enhanced Capital Budget Road Rehabilitation Placeholder		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>		<b>Version Description</b>									
As per the 2014 Enhanced Capital Plan, Council approved in principle funds from the 2018 Debt Reduction Levy for road rehabilitation.		As per CR89/2014, Report #17088, Council formerly approved the Road Rehabilitation project allocation. Spending has been projected as follows: 2014: \$2,072,000 - Pillette - Seminole to Tecumseh - \$972k, per CR103/2015; Avondale/Radisson/Rockwell - E.C. Row to Grand Marais - \$1.1m 2015: \$1,100,000 - Huron Church - Dorchester to Malden 2017: \$1,100,000 - Huron Church - Dorchester to Malden 2018: \$1,089,000 - Huron Church - Dorchester to Malden Funding for Huron Church is identified in each year to accumulate sufficient funding for the project to begin. The 2015 through 2018 plan COULD change if we receive "connecting link funding". If the City is successful in obtaining other government funding for Huron Church, this list will be updated to address additional deficient roads.									
<b>Project Comments/Reference</b>		<b>Version Comments</b>									
7145004		A report was approved by Council on January 18th, 2016 seeking Council's approval for a Grant Application submission for \$3,000,000 in available funding from MTO. The balance of the 2018 DRL Pre-Commitment \$4,517,000.									
<b>Project Forecast</b>		<b>Project Detailed Forecast</b>									
		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>		
<b>Year</b>	<b>Total Expense</b>	<b>Revenue</b>									
		<b>Net City Cost</b>	<b>Subsidies</b>								
2017	0	0	0								
2018	5,489,000	5,489,000	0								
2019	0	0	0								
2020	0	0	0								
2021	0	0	0								
2022+	0	0	0								
	<b>5,489,000</b>	<b>5,489,000</b>	<b>0</b>								
				<b>Expenses</b>							
				5410	Construction Contracts - TCA						
					0	5,489,000	0	0	0	0	5,489,000
				Total	0	5,489,000	0	0	0	0	5,489,000
				<b>Revenues</b>							
				169	Pay As You Go - Capital Reserve						
					0	5,489,000	0	0	0	0	5,489,000
				Total	0	5,489,000	0	0	0	0	5,489,000
<b>Historical Approved Budget</b>		<b>Operating Budget Impact</b>									
		<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>						
		Unknown	Any budget deferral in approved funding will result in increased operating costs for temporary repairs, patching, and unscheduled maintenance as required.	0	0						
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>							
2014	October 1, 2014	Growth: 0.0 % Maintenance: 0.0 %	Mark Winterton	2018							



# Project Version Summary

<b>Project #</b>	OPS-003-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Bridge Rehabilitation Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description																																																						
<p>Ongoing maintenance and rehabilitation of existing bridges throughout the City, including bridges for roadways, railways, streams and drains and pedestrian bridges. The program funds rehabilitation of 59 bridges, 11 culverts with spans greater than 3m, 6 pedestrian bridges, and 1 subway. An annual expenditure of \$7-\$11 million is required to replace these bridges on a 50 to 75 year cycle.</p> <p>Note: List may change subject to ongoing OSIM investigations as well as the results of Structural Condition Surveys. In addition, unexpected failures of structures may occur which would require reprioritization of rehabilitation.</p>	<p>2017: \$4 million - Wyandotte at CNR (#206), EC Row at Conservation (#138), Tecumseh at Little River (#155), Wyandotte at CPR (#115)</p> <p>2018: \$2.5 million - Riverside at Little River (#157), CN at W/B Collector (\$146), Mark @ EC Row (#301), Academy @ EC Row (#302), Glenwood @ Grand Marais Drain (#304)</p> <p>2019: \$3.2 million - CN at E/B Collector (#144), Curry at Grand Marais Drain (#118), University at CPR (#114)</p> <p>2020: \$3.399 million - EC Row at Dominion W/B (#116), EC Row at Dominion E/B (#117), Riverside at CPR (#113)</p> <p>2021: \$15 million - Wyandotte at CNR (#206)</p> <p>Budgeted funds for 2021 will be added to future year budgets approved and accumulated to fund Wyandotte @ CNR work as approximately \$15 million is required to complete this work.</p>																																																						
Project Comments/Reference	Version Comments																																																						
<p>E.C. ROW PROJECTS: (Closed: 7081025/7091023/7091024/7101004/7101011) Active: 7111003/7111021/7141026/7141027Conrail Bridge/ 7141047 Bridge Rehab/ 7151002/7151009/7161028</p> <p>BRIDGE PROJECTS: (Closed: 7081025 / 7091024 / 7101004) Open Projects: 7111003 / 7141047 / 7151009</p>	<p>NOTE: The E.C. Row Rehabilitation Project OPS-002-07 has now been closed. The budget requests for rehabilitation work for bridges/structures on E.C. Row have been consolidated into the existing city-wide bridge rehabilitation project OPS-003-07 and requests for rehabilitation work for the E.C. Row roadway have been consolidated into the existing city-wide road rehabilitation project OPS-001-07.</p> <p>HISTORICAL APPROVED BUDGETS - E.C. ROW REHABILITATION (OPS002-07):</p> <table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="2">EXPENSE</th> <th colspan="2">REVENUE</th> </tr> <tr> <th>Total</th> <th>Net City Cost</th> <th colspan="2">Subsidies</th> </tr> </thead> <tbody> <tr> <td>2007</td> <td>\$500,000</td> <td>\$500,000</td> <td colspan="2">\$0</td> </tr> <tr> <td>2008</td> <td>\$500,000</td> <td>\$500,000</td> <td colspan="2">\$0</td> </tr> <tr> <td>2009</td> <td>\$1,000,000</td> <td>\$1,000,000</td> <td colspan="2">\$0</td> </tr> <tr> <td>2010</td> <td>\$1,000,000</td> <td>\$1,000,000</td> <td colspan="2">\$0</td> </tr> <tr> <td>2011</td> <td>\$600,000</td> <td>\$600,000</td> <td colspan="2">\$0</td> </tr> <tr> <td>2012</td> <td>\$0</td> <td>\$0</td> <td colspan="2">\$0</td> </tr> <tr> <td>2013</td> <td>\$0</td> <td>\$0</td> <td colspan="2">\$0</td> </tr> <tr> <td>2014</td> <td>\$6,000,000</td> <td>\$4,000,000</td> <td colspan="2">\$2,000,000</td> </tr> <tr> <td>2015</td> <td>\$3,000,000</td> <td>\$3,000,000</td> <td colspan="2">\$0</td> </tr> </tbody> </table>		EXPENSE		REVENUE		Total	Net City Cost	Subsidies		2007	\$500,000	\$500,000	\$0		2008	\$500,000	\$500,000	\$0		2009	\$1,000,000	\$1,000,000	\$0		2010	\$1,000,000	\$1,000,000	\$0		2011	\$600,000	\$600,000	\$0		2012	\$0	\$0	\$0		2013	\$0	\$0	\$0		2014	\$6,000,000	\$4,000,000	\$2,000,000		2015	\$3,000,000	\$3,000,000	\$0	
	EXPENSE		REVENUE																																																				
	Total	Net City Cost	Subsidies																																																				
2007	\$500,000	\$500,000	\$0																																																				
2008	\$500,000	\$500,000	\$0																																																				
2009	\$1,000,000	\$1,000,000	\$0																																																				
2010	\$1,000,000	\$1,000,000	\$0																																																				
2011	\$600,000	\$600,000	\$0																																																				
2012	\$0	\$0	\$0																																																				
2013	\$0	\$0	\$0																																																				
2014	\$6,000,000	\$4,000,000	\$2,000,000																																																				
2015	\$3,000,000	\$3,000,000	\$0																																																				

Project Forecast				Project Detailed Forecast								
		Revenue		GL Account	2017	2018	2019	2020	2021	2022+	Total	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>								
2017	4,000,000	4,000,000	0	5410	Construction Contracts - TCA							
2018	2,500,000	2,500,000	0		4,000,000	2,500,000	3,200,000	3,399,000	4,034,000	21,966,000	39,099,000	
2019	3,200,000	3,200,000	0		Total							
2020	3,399,000	3,399,000	0		4,000,000	2,500,000	3,200,000	3,399,000	4,034,000	21,966,000	39,099,000	
2021	4,034,000	4,034,000	0	<b>Revenues</b>								
2022+	21,966,000	21,966,000	0	169	Pay As You Go - Capital Reserve							
	<b>39,099,000</b>	<b>39,099,000</b>	<b>0</b>		0	0	0	399,000	0	0	399,000	
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>								
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Effective Date</b>	<b>Description</b>						<b>Exp/(Rev)</b>	<b>FTE Impact</b>
2007	1,550,000	1,550,000	0	Unknown	Any budget deferral in approved funding will result in increased operating costs for temporary repairs, patching and unscheduled maintenance as required.						0	0
2008	1,450,000	1,450,000	0									
2009	2,500,000	2,500,000	0									
2010	2,379,000	2,379,000	0									
2011	800,000	800,000	0									
2015	500,000	500,000	0									
2016	4,000,000	4,000,000	0									
<b>Related Projects</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>				
2007	January 1, 2016	Growth: 0.0 % Maintenance: 100.0 %		Phong Nguy				Ongoing				



## Project Version Summary

<b>Project #</b>	OPS-004-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Sidewalk Rehabilitation Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>This program covers the rehabilitation of existing sidewalks citywide. There are 931 kms of sidewalks in the City, of which 11 kms are in "Poor" condition and 126 kms are in "Fair" condition. Based on a 40-year replacement cycle, the perpetual annual cost for the preservation of this infrastructure is approximately \$2.3 million. This would be in addition to the approximately \$14 million required to address all "Poor" and "Fair" sidewalks and to widen the sidewalks to AODA standards at the time of replacement. Over the past several years, trip and fall claims have increased dramatically and funding should be increased from a risk management point of view.</p> <p>Effective January 1, 2016, the Accessibility for Ontarians with Disabilities Act (AODA) required width of sidewalks will increase from 1.2 meters to 1.5 meters. This will increase the cost of sidewalk replacements. As the change is implemented, Administration is including the increased costs in budget projections.</p> <p>This program also includes Collector and Arterial roads which do not currently meet the City policy related to the provision of sidewalks. This funding is to be used to fund the construction of sidewalks on streets that do not meet current policy requirements.</p>	<p>Because the 5-Year Capital Budget does not fully address immediate needs, the annual sidewalk inspection and assessment as well as additional liability claims will influence replacements in 2017 and beyond. There are insufficient capital funds available in this program to complete the identified rehabilitations detailed on the attached list of sidewalks in "poor" condition which will lead to additional liability claims.</p> <p>CR131/2014, Report 17162 approved new Municipal Funding Agreement for the Gas Tax Funds in the years 2014-2018. As a result additional Gas Tax funds received are allocated to this project freeing up F169 Pay-As-You-Go funds earmarked for the Fire Hall #8.</p>
Project Comments/Reference	Version Comments
<p>See Document Attached</p> <p>(Closed: 7091025 / 7101003 / 7111022 / 7121007 / 7131115) Active: 7141028 / 7151011 / 7161029</p>	

Project Forecast				Project Detailed Forecast							
		Revenue		GL Account	2017	2018	2019	2020	2021	2022+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses							
2017	500,000	500,000	0	5410	Construction Contracts - TCA						
2018	0	0	0		500,000	0	700,000	700,000	800,000	3,600,000	6,300,000
2019	700,000	700,000	0		Total						
2020	700,000	700,000	0		500,000	0	700,000	700,000	800,000	3,600,000	6,300,000
2021	800,000	800,000	0	Revenues							
2022+	3,600,000	3,600,000	0	169	Pay As You Go - Capital Reserve						
	<b>6,300,000</b>	<b>6,300,000</b>	<b>0</b>		0	0	700,000	700,000	800,000	3,600,000	5,800,000
Historical Approved Budget											
Year	Total Expense	Net City Cost	Subsidies	176	Federal Gas Tax Rebate						
2007	950,000	950,000	0		500,000	0	0	0	0	0	500,000
2008	850,000	850,000	0		Total						
2009	2,000,000	2,000,000	0		500,000	0	700,000	700,000	800,000	3,600,000	6,300,000
2010	2,000,000	2,000,000	0								
2011	1,250,000	0	1,250,000								
2012	1,200,000	1,200,000	0								
2013	250,000	250,000	0								
2014	400,000	400,000	0								
2015	1,350,000	1,350,000	0								
2016	500,000	500,000	0								
Related Projects				Operating Budget Impact							
				Effective Date	Description	Exp/(Rev)	FTE Impact				
				Unknown	Insufficient budget approval will result in increased operating costs and claims.	0	0				
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date							
2007	January 2, 2015	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy	Ongoing							



## PROPOSED SIDEWALK REHABILITATION 5 YEAR PROGRAM 2017 - 2021

ITEM NO.	STREET	FROM	TO	SIDE OF STREET
1	ARGYLE	TUSCARORA	CATARAQUI	E/W
2	BERNARD	GRAND MARAIS	JOINVILLE	W
3	BERNARD	JOINVILLE	BERNARD	W
4	BLOOMFIELD	TOURNIER	BROCK	
5	BLOOMFIELD	BROCK	ST. ANTOINE	E
6	BLOOMFIELD	CHIPPAWA	SOUTH	E/W
7	BROCK	BLOOMFIELD	EDISON	E/W
8	CABANA	KATHLEEN	KAREN	S
9	CAMPBELL	UNIVERSITY	WYANDOTTE ST. W.	E/W
10	CATARAQUI	MONMOUTH	ARGYLE	S
11	CHATHAM	LANGLOIS	PARENT	N/S
12	CHATHAM	OUELLETTE	GOYEAU	N
13	CHURCH	PINE	GROVE	E/W
14	CHURCH	GROVE	GILES	E/W
15	CRAWFORD	ERIE	GROVE	W
16	DEERBROOK	PALMS	LONSDALE	E
17	DEERBROOK	3445 DEERBROOK	LONSDALE	W
18	DEERBROOK	LONSDALE	LONSDALE	E
19	DEERBROOK	LONSDALE	PALMS	N/S
20	DOMINION	WEST GRAND	NORFOLK	W

ITEM NO.	STREET	FROM	TO	SIDE OF STREET
21	DROUILLARD	WYANDOTTE	EDNA	E/W
22	EDNA	WALKER	MONTREUIL	S
23	ELLIS	BRUCE	DOUGALL	N/S
24	ELM	WYANDOTTE	DEAD END	E
25	ELSMERE	ELLIOT	NIAGARA	E/W
26	ELSMERE	NIAGARA	ERIE	E/W
27	ERIE	HALL	MOY	N/S, CURB
28	ERIE	MOY	GLADSTONE	N/S, CURB
29	ERIE	GLADSTONE	LINCOLN	N/S, CURB
30	ERIE	LINCOLN	ERIE	N/S, CURB
31	FAUST	HIGH	LAURENDEAU	S
32	FORD	LASSALINE	CORONATION	E/W
33	FOREST GLADE	MULBERRY	ELMWOOD	E, CURB
34	FOREST GLADE	WILDWOOD	LAUZON	S
35	FRANCOIS	DEAD END	FRANKLIN	E
36	FRANCOIS	ALICE	REGINALD	W
37	GEORGE	FRANKLIN	METCALFE	W
38	GRAND	PILLETTE	PRINCESS	N
39	GRAND MARAIS	ALLYSON	GEORGE	N
40	GRANDVIEW	RIVARD	MCMAHON	S
41	HANNA	YORK	BRUCE	S
42	HOWARD	HYDE	LOGAN	E

ITEM NO.	STREET	FROM	TO	SIDE OF STREET
43	HOWARD	SOUTH CAMERON	KENILWORTH	E
44	HOWARD	KENILWORTH	MAGUIRE	E
45	HOWARD	MAGUIRE	SANDISON	E
46	HURON CHURCH	MALDEN	NORTHWOOD	E
47	JEFFERSON	TECUMSEH	ROSE	E
48	JEFFERSON	LASSALINE	1867 JEFFERSON	W
49	KILDARE	WYANDOTTE	TUSCARORA	E/W
50	KILDARE	LENS	VIMY	W
51	KILDARE	VIMY	YPRES	W
52	LABADIE	SEMINOLE	REGINALD	W
53	LANGLOIS	HANNA	HANNA	W
54	LAURENDEAU	FAUST	ONTARIO	E
55	LAUZON	MCHUGH	TECUMSEH/EASTTOWN MALL	W
56	LAUZON	QUALITY WAY	E C ROW	W
57	LOCKE	LYNN	3850 LOCKE (@ SOUTH P/L)	E
58	LONGFELLOW	GRAND MARAIS	LONGFELLOW	W
59	MARION	ERIE	NIAGARA	E/W
60	MATCHETTE	MELBOURNE	STRATHMORE	E/W
61	MATCHETTE	STRATHMORE	CUL DE SAC	E/W
62	MCDOUGALL	MONARCH	HOLDEN	W
63	MCKAY	RIVERSIDE	UNIVERSITY	W
64	METCALFE	HENRY FORD CENTRE	METCALFE	S

ITEM NO.	STREET	FROM	TO	SIDE OF STREET
65	MONMOUTH	CATARAQUI	NIAGARA	E/W
66	MONTROSE	OUELLETTE	PELISSIER	N/S
67	MOY	TECUMSEH	LENS	E
68	OUELLETTE	WYANDOTTE	TUSCARORA	E/W
69	OUELLETTE	TUSCARORA	ELLIOTT	E/W
70	PARTINGTON	TECUMSEH	ALGONQUIN	W
71	PILLETTE	WYANDOTTE ST. E.	ONTARIO	E/W
72	PITT	BRUCE	JANETTE	N
73	PLYMOUTH	ROBERT	PILLETTE	N
74	RIVARD	ROSE	JOINVILLE	W
75	RIVARD	JOINVILLE	HAIG	W
76	RIVARD	HAIG	GRAND	W
77	RIVERSIDE	PATRICE	ST. ROSE	S
78	RIVERSIDE	WATSON	DIEPPE	S
79	RIVERSIDE	DIEPPE	RIVERDALE	S
80	ROSEBRIAR	FOREST GLADE	MULBERRY	W
81	SANDWICH	52M S/O JOHN B	PROSPECT	W
82	SEMINOLE	WALKER	ST LUKE	N
83	SOUTHDALE	GRAND MARAIS	SLATER	W
84	ST. LOUIS	WYANDOTTE ST. E.	ONTARIO	E/W
85	ST. LUKE	MILLOY	TECUMSEH	E/W
86	ST. PAUL	WYANDOTTE	ST. ROSE	E/W

ITEM NO.	STREET	FROM	TO	SIDE OF STREET
87	TECUMSEH	PARKWOOD	HALL	S
88	TECUMSEH	HOWARD	MARENTETTE	S
89	TECUMSEH	SOUTH PACIFIC	MUNICIPAL LANE	N
90	TRENTON	DROUILLARD	CADILLAC (HENRY FORD CENTRE)	N
91	TURNER	VIMY	YPRES	E/W
92	WINDERMERE	TECUMSEH	LENS	W
93	WOODLAWN	LENS	VIMY	E/W
94	WYANDOTTE	CRAWFORD	OAK	N

<b>N</b>	<b>NORTH SIDE</b>
<b>S</b>	<b>SOUTH SIDE</b>
<b>E</b>	<b>EAST SIDE</b>
<b>W</b>	<b>WEST SIDE</b>
<b>CURB</b>	<b>AND Reconstruction of Curb &amp; Gutter</b>

**Note:** The above list is not presented in priority order. Priority of work will be assessed annually in preparation for the issuance of annual tenders.

**NOTE:** Sidewalk Segments may be reprioritized in coordination with other Capital Projects, Road Rehabs and WUC watermain projects and budgets.

**NOTE:** Sidewalk Segments may be added to the above list as new inspection data becomes available annually.



# Project Version Summary

<b>Project #</b>	OPS-005-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Railway Lands Fencing		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
Install and maintain fencing at key locations along railway lands to prevent trespassing (annual general allotment to be based on needs analysis).				Note: As per CR567/2016, there may be an extensive railway initiative coming forward for cost sharing to secure fencing along major routes re safety concerns.											
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
7045005															
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		<b>Revenue</b>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>				
2017	0	0	0	<b>Expenses</b>											
2018	100,000	50,000	50,000	5410	Construction Contracts - TCA										
2019	100,000	50,000	50,000		0	100,000	100,000	0	0	0	200,000				
2020	0	0	0		Total										
2021	0	0	0		0	100,000	100,000	0	0	0	200,000				
2022+	0	0	0	<b>Revenues</b>											
	<b>200,000</b>	<b>100,000</b>	<b>100,000</b>	169	Pay As You Go - Capital Reserve										
					0	50,000	50,000	0	0	0	100,000				
				6735	Recovery Of Expenses EXTERNAL										
					0	50,000	50,000	0	0	0	100,000				
					Total										
					0	100,000	100,000	0	0	0	200,000				
<b>Historical Approved Budget</b>															
		<b>Revenue</b>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>												
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												
<b>Related Projects</b>				<b>Operating Budget Impact</b>											
				<b>Effective Date</b>		<b>Description</b>		<b>Exp/(Rev)</b>		<b>FTE Impact</b>					
				Unknown		No Operating Budget Impact		0		0					
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>							
2007	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %		Phong Nguy				Ongoing							



# Project Version Summary

<b>Project #</b>	OPS-006-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	"At-Grade" Railway Crossings Capital Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>									
<p>This program is used to provide improvements and upgrades for all 61 of the city's 'At Grade' railway crossings. The City of Windsor, by order of the Canadian Transportation Agency, is required to cost share in these upgrades with the railways. Placeholder amounts are to be used as needs arise. There are annual federal cost sharing opportunities available for at-grade rail crossing upgrades. Due to amendments to the Grade Crossing Regulations introduced by Transport Canada in 2014, all required upgrades to at-grade crossings will need to be completed by November 2021. In order to increase our opportunity to receive federal cost sharing, Administration recommends that required upgrades be identified, applicable funding be applied for, and required upgrades scheduled as early as possible. It is anticipated that an additional \$600,000 will be required to complete the upgrades and bring all the at-grade crossings up to standards.</p>				<p>Proposed Railway Crossings:</p> <ul style="list-style-type: none"> <li>- Howard/South Cameron</li> <li>- Pillette</li> <li>- Walker Road at the VIA station</li> </ul>									
<b>Project Comments/Reference</b>				<b>Version Comments</b>									
7085009													
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>									
		<b>Revenue</b>		<b>GL Account</b>		<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>									
2017	100,000	100,000	0	5410	Construction Contracts - TCA								
2018	275,000	137,500	137,500			100,000	275,000	825,000	85,000	200,000	800,000	2,285,000	
2019	825,000	325,000	500,000	<b>Total</b>		100,000	275,000	825,000	85,000	200,000	800,000	2,285,000	
2020	85,000	72,500	12,500	<b>Revenues</b>									
2021	200,000	100,000	100,000	169	Pay As You Go - Capital Reserve								
2022+	800,000	650,000	150,000			100,000	137,500	325,000	72,500	100,000	650,000	1,385,000	
	<b>2,285,000</b>	<b>1,385,000</b>	<b>900,000</b>	6320	Canada Specific Grants								
						0	0	275,000	0	0	0	275,000	
<b>Historical Approved Budget</b>													
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	6735	Recovery Of Expenses EXTERNAL								
2008	62,500	50,000	12,500			0	137,500	225,000	12,500	100,000	150,000	625,000	
2009	62,500	50,000	12,500	<b>Total</b>		100,000	275,000	825,000	85,000	200,000	800,000	2,285,000	
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										

Related Projects		Operating Budget Impact			
Follows	Project Title	Effective Date	Description	Exp/(Rev)	FTE Impact
OPS-004-16	Rail Crossing Safety Assessments	Unknown	No Operating Budget Impact	0	0
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date	
2007	January 1, 2018	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy	Ongoing	





# Project Version Summary

<b>Project #</b>	OPS-008-16	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Devon Dr. Reconstruction - South Service Rd. to Sydney Ave.		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	Ward 9		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
In accordance with B68-2015, Council approved the "Proposed 2016 Enhanced Capital Budget" in the form of placeholder allocations in the budget with reports to BE PREPARED for Council's consideration.																
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7161052				CR560/2016-Report C141/2016 pre-committed \$1,500,000 from the 2016 Enhanced Capital Budget. Funding available in 2020.												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>														
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>					
2017	0	0	0	<b>Expenses</b>												
2018	0	0	0	5410	Construction Contracts - TCA											
2019	0	0	0		0	0	0	1,500,000	0	0	1,500,000					
2020	1,500,000	1,500,000	0	Total	0	0	0	1,500,000	0	0	1,500,000					
2021	0	0	0	<b>Revenues</b>												
2022+	0	0	0	169	Pay As You Go - Capital Reserve											
	<b>1,500,000</b>	<b>1,500,000</b>	<b>0</b>	Total	0	0	0	1,500,000	0	0	1,500,000					
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>												
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>			<b>FTE Impact</b>					
				Unknown	Any budget deferral in approved funding will result in increased operating costs for temporary repairs, patching, and unscheduled maintenance as required.				0			0				
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>								
2016	January 1, 2016	Growth: 0.0 % Maintenance: 0.0 %		Phong Nguy				2018								



# Project Version Summary

<b>Project #</b>	OPS-009-16	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	North Service Rd. Reconstruction		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	Ward 10		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>										
In accordance with B68-2015, Council approved the "Proposed 2016 Enhanced Capital Budget" in the form of placeholder allocations in the budget with reports to BE PREPARED for Council's consideration.														
<b>Project Comments/Reference</b>				<b>Version Comments</b>										
7161053				CR561/2016 - Report C141/2016 pre-committed \$2,100,000 2016 Enhanced Capital Budget. Funding available 2020.										
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>										
		<b>Revenue</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>			
2017	0	0	0	<b>Expenses</b>										
2018	0	0	0	5410	Construction Contracts - TCA									
2019	0	0	0		0	0	0	2,100,000	0	0	2,100,000			
2020	2,100,000	2,100,000	0	Total	0	0	0	2,100,000	0	0	2,100,000			
2021	0	0	0	<b>Revenues</b>										
2022+	0	0	0	169	Pay As You Go - Capital Reserve									
	<b>2,100,000</b>	<b>2,100,000</b>	<b>0</b>		0	0	0	2,100,000	0	0	2,100,000			
<b>Historical Approved Budget</b>														
<b>Related Projects</b>				<b>Operating Budget Impact</b>										
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>			
				Unknown	Any budget deferral in approved funding will result in increased operating costs for temporary repairs, patching, and unscheduled maintenance as required.					0	0			
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>						
2016	January 1, 2016	Growth: 0.0 % Maintenance: 0.0 %		Phong Nguy				2020						



# Project Version Summary

<b>Project #</b>	OPS-010-16	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>	Unassigned	<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Wyandotte St. Mill and Pave - Watson Ave. to Riverdale Ave.		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	Ward 6		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>			<b>Version Description</b>								
In accordance with B68-2015, Council approved the "Proposed 2016 Enhanced Capital Budget" in the form of placeholder allocations in the budget with reports to BE PREPARED for Council's consideration.											
<b>Project Comments/Reference</b>			<b>Version Comments</b>								
7161054			CR563/2016 - Report C141/2016 pre-committed \$300,000 from the 2016 Enhanced Capital Budget. Funding available 2020.								
<b>Project Forecast</b>			<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5410	Construction Contracts - TCA						
2018	0	0	0		0	0	0	300,000	0	0	300,000
2019	0	0	0								
2020	300,000	300,000	0								
2021	0	0	0								
2022+	0	0	0								
	<b>300,000</b>	<b>300,000</b>	<b>0</b>								
<b>Historical Approved Budget</b>			<b>Operating Budget Impact</b>								
<b>Related Projects</b>			<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>					
			Unknown	Any budget deferral in approved funding will result in increased operating costs for temporary repairs, patching, and unscheduled maintenance as required.	0	0					
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>				<b>Est. Completion Date</b>				
2016	January 1, 2016	Growth: 0.0 % Maintenance: 0.0 %	Phong Nguy				2018				



# Project Version Summary

<b>Project #</b>	OPS-019-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>		<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Storm & Waste - Data Acquisition		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Sewers		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>								
Currently, only 35% of the entire sewer network has condition ratings. Two pilots on alternative methods to obtain condition information by means other than CCTV were completed in 2016. The funding requested for this project and use of these alternative methods would result in having condition ratings for 80% of the network by March 31, 2018. This information is critical to on-going maintenance and rehabilitation plans and will greatly enhance our abilities to be reactive to our aging infrastructure through more cost effective methods such as pipe relining.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
This project is being put forward as part of the City's Clean Water Waste Water Fund application.												
Report C190/2016 pre-commits \$282,500 in 2018 F028 funding to this project.												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>								
2017	847,500	0	847,500	2950	Other Prof Services-External							
2018	282,500	282,500	0		847,500	282,500	0	0	0	0	1,130,000	
2019	0	0	0		Total							
2020	0	0	0		847,500	282,500	0	0	0	0	1,130,000	
2021	0	0	0	<b>Revenues</b>								
2022+	0	0	0	028	Sewer Surcharge							
	<b>1,130,000</b>	<b>282,500</b>	<b>847,500</b>		0	282,500	0	0	0	0	282,500	
<b>Historical Approved Budget</b>				6310	Ontario Specific Grants							
					282,500	0	0	0	0	0	282,500	
				6320	Canada Specific Grants							
					565,000	0	0	0	0	0	565,000	
					847,500	282,500	0	0	0	0	1,130,000	
<b>Related Projects</b>				<b>Operating Budget Impact</b>								
				<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>					
				Unknown	Improved use of CCTV will allow for improved sewer issue identification which may allow Administration to identify sewers for relining before they fall into the rehab category. Unable to quantify the operating impact at this time.	0	0					
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>				
2017	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %		Phong Nguy				2018				



# Project Version Summary

<b>Project #</b>	OPS-023-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>		<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	South National Relining		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Sewers		
<b>Wards</b>	Ward 5		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
Relining of sewer lines which run under the double railway tracks as well as the ETR down to George Ave. This will ensure the structural integrity of the asset without disruption to the assets above or impacting services to residents in the area.											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
This project is being put forward as part of the City's Clean Water Waste Water Fund application.											
Report C190/2016 pre-commits \$187,500 in 2018 F028 funding to this project.											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	562,500	0	562,500	5410	Construction Contracts - TCA						
2018	187,500	187,500	0		562,500	187,500	0	0	0	0	750,000
2019	0	0	0	<hr/>							
2020	0	0	0	Total	562,500	187,500	0	0	0	0	750,000
2021	0	0	0	<b>Revenues</b>							
2022+	0	0	0	028	Sewer Surcharge						
	<b>750,000</b>	<b>187,500</b>	<b>562,500</b>		0	187,500	0	0	0	0	187,500
<b>Historical Approved Budget</b>				6310	Ontario Specific Grants						
					187,500	0	0	0	0	0	187,500
				6320	Canada Specific Grants						
					375,000	0	0	0	0	0	375,000
				Total	562,500	187,500	0	0	0	0	750,000
<b>Related Projects</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	Project will result in reduced treatment costs at the plants, but Administration is unable to quantify the savings at this time.				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>							
2017	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy	2018							



# Project Version Summary

<b>Project #</b>	OPS-024-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>		<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Rossini Street Relining		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Sewers		
<b>Wards</b>	Ward 5		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
Relining of storm and sanitary sewers under Herman Academy High School. This will ensure the structural integrity of the assets without impacting the school or services to residents in the area.											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
This project is being put forward as part of the City's Clean Water Waste Water Fund application.											
Report C190/2016 pre-commits \$35,000 in 2018 F028 funding to this project.											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	105,000	0	105,000	5410	Construction Contracts - TCA						
2018	35,000	35,000	0		105,000	35,000	0	0	0	0	140,000
2019	0	0	0	<hr/>							
2020	0	0	0		Total	105,000	35,000	0	0	0	140,000
2021	0	0	0	<b>Revenues</b>							
2022+	0	0	0	028	Sewer Surcharge						
	<b>140,000</b>	<b>35,000</b>	<b>105,000</b>		0	35,000	0	0	0	0	35,000
<b>Historical Approved Budget</b>				6310	Ontario Specific Grants						
					35,000	0	0	0	0	0	35,000
				6320	Canada Specific Grants						
					70,000	0	0	0	0	0	70,000
					Total	105,000	35,000	0	0	0	140,000
<b>Related Projects</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	Project will result in reduced treatment costs at the plants, but Administration is unable to quantify the savings at this time.				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>							
2017	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %	Phong Nguy	2018							



# Project Version Summary

<b>Project #</b>	OPS-025-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>		<b>Division</b>	Contracts, Field Services & Maintenance
<b>Title</b>	Storm Extension to Railway at College and Crawford		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Sewers		
<b>Wards</b>	Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>													
Storm extension to railway at College and Crawford.																	
<b>Project Comments/Reference</b>				<b>Version Comments</b>													
This project is being put forward as part of the City's Clean Water Waste Water Fund application.																	
Report C190/2016 pre-commits \$125,661 in 2018 F028 funding to this project.																	
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>													
		<b>Revenue</b>															
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>						
2017	354,339	0	354,339	<b>Expenses</b>													
2018	125,661	125,661	0	5410	Construction Contracts - TCA												
2019	0	0	0		354,339	125,661	0	0	0	0	480,000						
2020	0	0	0		Total		354,339	125,661	0	0	0	480,000					
2021	0	0	0	<b>Revenues</b>													
2022+	0	0	0	028	Sewer Surcharge												
	<b>480,000</b>	<b>125,661</b>	<b>354,339</b>		0	125,661	0	0	0	0	125,661						
<b>Historical Approved Budget</b>				6310	Ontario Specific Grants												
					118,113	0	0	0	0	0	118,113						
				6320	Canada Specific Grants												
					236,226	0	0	0	0	0	236,226						
					Total		354,339	125,661	0	0	0	480,000					
<b>Related Projects</b>				<b>Operating Budget Impact</b>													
				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>			<b>FTE Impact</b>						
				Unknown	Road flooding will be reduced by completing this project. There may be some operational savings related to flood response and storm water treatment in future, but we are unable to quantify this at this time.					0			0				
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>									
2017	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %		Phong Nguy				2018									



# Project Version Summary

<b>Project #</b>	OPS-004-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>	Unassigned	<b>Division</b>	Environmental Services
<b>Title</b>	Monitoring Cameras		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	Ward 5		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>								
<p>For over 20 years the City of Windsor has not provided a bulk collection services. Residents are able to bring such items to the Public Drop Off Facility, located at 3540 North Service Rd E. The Public Drop Off Facility is governed by the Essex Windsor Solid Waste Authority and currently has a minimum fee of \$5.00. There are also charities within the City that are willing to take some bulk items for re-use or re-sale.</p> <p>Despite these options, illegal dumping continues to occur.</p> <p>Surveillance cameras could be used to monitor locations where illegal dumping is a recurring concern in an effort to identify and prosecute individuals causing the issue. Cost implications for this issue, estimated at \$50,000.</p>												
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>		<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>								
2017	50,000	50,000	0	5110	Machinery & Equipment - TCA							
2018	0	0	0			50,000	0	0	0	0	0	50,000
2019	0	0	0					0	0	0	0	
2020	0	0	0						0	0	0	
2021	0	0	0							0	0	
2022+	0	0	0								0	
	<b>50,000</b>	<b>50,000</b>	<b>0</b>		<b>Total</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>
<b>Historical Approved Budget</b>				<b>Revenues</b>								
				169	Pay As You Go - Capital Reserve							
						50,000	0	0	0	0	0	50,000
					<b>Total</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>
<b>Related Projects</b>				<b>Operating Budget Impact</b>								
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	There will be no operating impact related to maintenance of the equipment until the warantee/service periods are completed.					0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>				
2017	January 1, 2017	Growth: 100.0 % Maintenance: 0.0 %		Anne Marie Albidone				December 2017				





# Project Version Summary

<b>Project #</b>	FRS-001-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fleet
<b>Title</b>	Fire & Rescue First Response Vehicle Replacement Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	2017 (Active)		

**Project Description**  
 There is a need to maintain the replacement of fire apparatus consistent with the recommendation in the fire master plan. One of the difficulties in the acquisition of fire apparatus is the time between the decision to order and the actual delivery, which typically amounts to a minimum of 12 months. This delay makes it important to maintain an active fire truck replacement schedule to ensure that each vehicle is replaced within its normal service life.

**Version Description**  
 Please see document attached for detailed Fire First Response Vehicle Replacement Schedule.

**Project Comments/Reference**  
 See Document Attached  
 (Closed: 7051004/7074066/7101014/7131007)  
 Active: 7111025 (2011 trucks), 7121011 (2012 trucks)/7161031

**Version Comments**  
 Pricing for the new trucks is an estimate and may fluctuate over the life of the plan. Any salvages received will be returned back to this reserve. Per CR363/2010, Report #14903 the funding source is the Fire Major Equipment Reserve (F163).

<b>Project Forecast</b>		<b>Revenue</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2017	636,000	636,000	0
2018	0	0	0
2019	47,000	47,000	0
2020	52,000	52,000	0
2021	58,000	58,000	0
2022+	3,313,000	3,313,000	0
	<b>4,106,000</b>	<b>4,106,000</b>	<b>0</b>

<b>Project Detailed Forecast</b>							
<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>
<b>Expenses</b>							
5110 Machinery & Equipment - TCA	636,000	0	47,000	52,000	58,000	3,313,000	4,106,000
<b>Total</b>	<b>636,000</b>	<b>0</b>	<b>47,000</b>	<b>52,000</b>	<b>58,000</b>	<b>3,313,000</b>	<b>4,106,000</b>
<b>Revenues</b>							
163 Fire Major Equipment	636,000	0	47,000	52,000	58,000	3,313,000	4,106,000
<b>Total</b>	<b>636,000</b>	<b>0</b>	<b>47,000</b>	<b>52,000</b>	<b>58,000</b>	<b>3,313,000</b>	<b>4,106,000</b>

<b>Historical Approved Budget</b>		<b>Revenue</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2007	500,000	500,000	0
2008	500,000	500,000	0
2009	556,700	556,700	0
2010	3,297,545	3,297,545	0
2011	2,410,684	2,410,684	0
2012	2,010,316	2,010,316	0
2013	75,000	37,500	37,500
2016	149,000	149,000	0

<b>Operating Budget Impact</b>			
<u>Effective Date</u>	<u>Description</u>	<u>Exp/(Rev)</u>	<u>FTE Impact</u>
Unknown	Deferral of replacements contributes to increased repair and operating costs.	0	0

**Related Projects**

<u>Year Identified</u>	<u>Start Date</u>	<u>Project Type for 2017</u>	<u>Project Lead</u>	<u>Est. Completion Date</u>

2007	January 1, 2013	Growth: 0.0 % Maintenance: 100.0 %	Angela Marazita/ Deputy Fire Chief Steve Laforet	Ongoing
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## FLEET REPLACEMENT SCHEDULE - CAPITAL BUDGET SUBMISSION - FIRE FLEET

(source: FleetFocus as of September 01, 2016)

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>
<b>Class 120 - CUBE VANS (Life Cycle 9 - 11 Years)</b>								
3024	2012 GMC SAVANA 3500 CUTAWAY CUBE VAN	APP					56,138	
<b>Class 140 - SPORT UTILITY (Life Cycle 10 Years)</b>								
3022	2013 CHEVROLET TAHOE LT SUV	APP						64,593
3035	2015 CHEVROLET TAHOE LT SUV 4X4	APP						65,918
4040	2017 FORD EXPLORER SUV XLT 4X4	APP						54,015
<b>Class 155 - CROSS OVER (Life Cycle 8 - 10 Years)</b>								
3015	2011 DODGE JOURNEY R/T AWD	APP			46,012			
<b>Class 246 - CREW CABS (Life Cycle 9 - 11 Years)</b>								
3023	2013 GMC SIERRA CREWCAB 6' BOX PICKUP	APP				50,856		
3030	2015 FORD F250 CREWCAB 4X4 PICKUP	APP						57,208
3036	2015 FORD F250 CREWCAB 4X4 PICKUP	APP						53,039
4041	2016 FORD F250 CREWCAB PICKUP 4X4	APP						49,306
<b>Class 330 - 22000 TO 28000 GVW TRUCKS (Life Cycle 10 - 12 Years)</b>								
4039	2016 FREIGHTLINER MEDIUM CUBE TRUCK	APP						
<b>Class 4000 - FIRE RESCUE</b>								
4011	2000 SPARTAN SAULSBURY RESCUE 2	APP						
4013	2000 SPARTAN SAULSBURY ESU 1	APP						
<b>Class 4100 - FIRE ENGINE</b>								
4020	2003 SPARTAN ROSENBAUER GENERAL ENG 5	APP	624,261					
4022	2007 PEIRCE VELOCITY ENGINE 1	APP						
4023	2007 SPARTAN ROSENBAUER ENGINE 6	APP						519,703
4024	2007 SPARTAN ROSENBAUER ENGINE 4	APP						519,703
4025	2009 SPARTAN ROSENBAUER ENGINE 2	APP						614,100
4026	2009 SPARTAN ROSENBAUER ENGINE 7	APP						614,100
4027	2009 SPARTAN ROSENBAUER TANKER 8	APP						639,400
4031	2012 SPARTAN ROSENBAUER ENGINE 5	APP						
4032	2012 SPARTAN ROSENBAUER ENGINE 1	APP						
<b>Class 4200 - FIRE TRAILERS</b>								
4028	1999 VILT VT6 GENERATOR TRAILER	APP						
4029	1999 VILT VT6 GENERATOR TRAILER	APP						
4030	2008 SNOW 100 APPARATUS TRAILER	APP						
4042	2017 AMERICAN HAULER ARROW TRAILER	APP						3,960
<b>Class 4300 - FIRE AERIAL</b>								

## FLEET REPLACEMENT SCHEDULE - CAPITAL BUDGET SUBMISSION - FIRE FLEET

(source: FleetFocus as of September 01, 2016)

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>
4033	2013 SUTPHEN SP70 AERIAL PLATFORM	APP						
4034	2013 SUTPHEN SP70 AERIAL PLATFORM	APP						
4035	2013 SUTPHEN SP95 AERIAL PLATFORM	APP						
4036	2013 SUTPHEN SP95 AERIAL PLATFORM	APP						
<b>Class 4400 - FIRE POLICE BUS</b>								
4037	2007 SPARTAN COMMAND POST BUS	APP						
<b>Total Number of Active Units: 30</b>		<b>Subtotal:</b>	<b>624,261</b>	<b>0</b>	<b>46,012</b>	<b>50,856</b>	<b>56,138</b>	<b>3,255,045</b>
		<b>Unrecoverable HST:</b>	<b>10,988</b>	<b>0</b>	<b>810</b>	<b>895</b>	<b>988</b>	<b>57,295</b>
		<b>Total Estimated Cost:</b>	<b>635,249</b>	<b>0</b>	<b>46,821</b>	<b>51,752</b>	<b>57,126</b>	<b>3,312,340</b>
		<b>Budget Submission:</b>	<b>636,000</b>	<b>0</b>	<b>47,000</b>	<b>52,000</b>	<b>58,000</b>	<b>3,313,000</b>

**Notes:**

1. Estimated replacement cost represents the total cost plus an annual inflation factor from the date of purchase. The inflation factor is currently set to 1%. For Classes lower than 330, \$15k has been added to each unit's estimated replacement cost to account for outfitting costs.
2. Fire and Rescue Services has a separate fleet replacement schedule. The replacement of Fire's small fleet is based on Public Works methodology.
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

<b>Project #</b>	OPS-001-15	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fleet
<b>Title</b>	Parks Equipment Replacement Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Parks & Recreation		
<b>Wards</b>	City Wide		
<b>Version Name</b>	2017 (Active)		

<b>Project Description</b>				<b>Version Description</b>								
This project is for the replacement of Parks Off-Road equipment.				Please see document attached for Parks Equipment Replacement schedule.  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.  The Parks & Recreation departments have experienced significant growth with gateways, vacant lots, WFCU, etc. The Parks' off-road equipment inventory has grown with the workload but at the neglect of existing replacement needs.								
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
See Document Attached 7151005 / 7161001												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>								
2017	459,000	459,000	0	5110	Machinery & Equipment - TCA							
2018	617,000	617,000	0		459,000	617,000	279,000	733,000	800,000	2,408,000	5,296,000	
2019	279,000	279,000	0		Total							
2020	733,000	733,000	0		459,000	617,000	279,000	733,000	800,000	2,408,000	5,296,000	
2021	800,000	800,000	0	<b>Revenues</b>								
2022+	2,408,000	2,408,000	0	197	Off-Road Fleet Replacement							
	<b>5,296,000</b>	<b>5,296,000</b>	<b>0</b>		459,000	617,000	279,000	733,000	800,000	2,408,000	5,296,000	
					<b>Total</b>	<b>459,000</b>	<b>617,000</b>	<b>279,000</b>	<b>733,000</b>	<b>800,000</b>	<b>2,408,000</b>	<b>5,296,000</b>
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>								
		<b>Revenue</b>		<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>					
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	Unknown	Deferral of replacements contributes to increased repair and operating costs as users require units to be operational to meet expected service levels.	0	0					
2015	345,060	345,060	0									
2016	702,000	702,000	0									
<b>Related Projects</b>												
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>				
2015	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %		Angela Marazita				Ongoing				

**FLEET REPLACEMENT SCHEDULE - CAPITAL BUDGET SUBMISSION - PARKS OFF ROAD FLEET**

(source: FleetFocus as of August 08, 2016)

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
<b>Class 5000 - ZAMBONIS - (LIFE CYCLE 8-10 YEARS)</b>							
5003	1999 ZAMBONI RESURFACING ICE MACHINE	ORREC		91,117			
5004	2008 ZAMBONI ICE RESURFACING MACHINE	ORREC					
5007	2009 ZAMBONI ICE RESURFACING MACHINE	ORREC					
5009	2001 ZAMBONI RESURFACING ICE MACHINE	ORREC			81,973		
5011	2003 ZAMBONI RESURFACING ICE MACHINE	ORREC				101,620	
5012	2005 ZAMBONI RESURFACING ICE MACHINE	ORREC					
5013	2014 ZAMBONI RESURFACING ICE MACHINE	ORREC					
5014	2015 ZAMBONI RESURFACING ICE MACHINE	ORREC					
5015	2016 ZAMBONI RESURFACING ICE MACHINE	ORREC					
<b>Class 5100 - 10` MOWERS - (LIFE CYCLE 8-10 YEARS)</b>							
5102	2014 TORO 4000-D 10` MOWER	ORPARKS					
5103	2014 TORO 4000-D 10` MOWER	ORPARKS					
5104	2011 TORO GROUNDMASTER 4000-D MOWER	ORPARKS					49,851
5105	2011 TORO 4000-D 10` MOWER	ORPARKS					49,851
5106	2011 TORO GROUNDMASTER 4000-D MOWER	ORPARKS					49,851
5107	2011 TORO GROUNDMASTER 4000-D MOWER	ORPARKS					49,851
5109	2003 TORO 120" CUT WIDTH MOWER	ORPARKS	76,660				
5110	2003 TORO 120" CUT WIDTH MOWER	ORPARKS	76,660				
5111	2003 TORO 120" CUT WIDTH MOWER	ORPARKS	60,030				
5113	2008 JACOBSEN 10` CUT WIDTH MOWER	ORPARKS		48,600			
5114	2015 JACOBSEN 10` CUT WIDE AREA MOWER	ORPARKS					
5115	2015 JACOBSEN R311T4F 10` MOWER	ORPARKS					
5116	2016 TORO 4400-D GROUNDMASTER MOWER	ORPARKS					
5117	2016 TORO 4400-D 120 INCH ROTARY MOWER	ORPARKS					
<b>Class 5130 - 16` MOWERS - (LIFE CYCLE 8-10 YEARS)</b>							
5130	2014 TORO 5900-D WINGED MOWER	ORPARKS					
5131	2008 JACOBSEN HR9016 ROTARY MOWER	ORPARKS		76,950			
5132	2008 JACOBSEN 16` SELF-PROPELLED MOWER	ORPARKS			103,264		
5133	2009 JACOBSEN 9016 WINGED MOWER	ORPARKS		101,198			
5134	2010 JACOBSEN 9016 WINGED MOWER	ORPARKS				75,587	
5135	2014 TORO 5900-D 16` WINGED MOWER	ORPARKS					
5136	2016 JACOBSEN 9016 16` WIDE AREA MOWER	ORPARKS					
5142	2011 KUBOTA MOWER / PAINT STRIPER	ORPARKS					

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
5143	2006 TORO 192" CUT WIDE AREA MOWER	ORPARKS	89,780				
5144	2007 TORO 192" CUT WIDTH MOWER	ORPARKS		89,367			
5146	2015 JACOBSEN HR-705 16` MOWER	ORPARKS					
5147	2015 JACOBSEN HR-705 16` MOWER	ORPARKS					
5148	2016 TORO 5900-D GROUNDSMASTER MOWER	ORPARKS					
5149	2016 JACOBSEN SPORTS STRIPPER	ORPARKS					
<b>Class 5160 - ZERO TURN MOWERS - (LIFE CYCLE 8-10 YEARS)</b>							
5160	2012 KUBOTA 16` ZERO TURN MOWER	ORPARKS					
5161	2011 KUBOTA 16` ZERO TURN MOWER	ORPARKS			17,676		
5162	2011 KUBOTA 16` ZERO TURN MOWER	ORPARKS			17,676		
5163	2011 KUBOTA 16` ZERO TURN MOWER	ORPARKS			17,478		
5164	2012 KUBOTA 16` ZERO TURN MOWER	ORPARKS					
5165	2012 KUBOTA 16` ZERO TURN MOWER	ORPARKS					
5166	2012 KUBOTA 16` ZERO TURN MOWER	ORPARKS					
5168	2016 KUBOTA ZD-331-LP 6` MOWER	ORPARKS					
<b>Class 5180 - SLOPE MOWERS - (LIFE CYCLE 8-10 YEARS)</b>							
5180	2008 DVORAK ROTARY SLOPE MOWER	ORPARKS				48,438	
5181	2015 STEINER STEEP SLOPE CUTTING MOWER	ORPARKS					
5182	2015 STEINER STEEP SLOPE CUTTING MOWER	ORPARKS					
<b>Class 5190 - TOW BEHIND MOWERS - (LIFE CYCLE 8-10 YEARS)</b>							
5190	2002 WOODS 3180-3 15` FLEX WINGED MOWER	ORPARKS				24,879	
5192	2003 WOODS TOW TYPE ROTARY MOWER	ORPARKS				25,535	
<b>Class 5200 - ALL TERRAIN VEHICLES - (LIFE CYCLE 8-10 YEARS)</b>							
5201	2010 CLUB CAR CARRYALL 272 GOLF CART	ORPARKS				15,836	
5202	2010 CLUB CAR CARRYALL 272 GOLF CART	ORPARKS				15,836	
5213	2001 BOBCAT PIONEER GOLF CART	ORPARKS				19,030	
5214	2001 BOBCAT PIONEER GOLF CART	ORPARKS				19,030	
5215	2011 BOBCATMODEL 3200 GOLF CART	ORPARKS					11,875
5216	2001 BOBCAT PIONEER 1200 GOLF CART	ORPARKS				19,030	
5217	2001 BOBCAT PIONEER 2100 GOLF CART	ORPARKS				19,030	
5218	2003 BOBCAT WORKMATE 2100 GOLF CART	ORPARKS		18,046			
5219	2003 BOBCAT WORKMATE 2100 GOLF CART	ORPARKS		18,046			
5220	2003 BOBCAT WORKMATE 2100 GOLF CART	ORPARKS		18,046			
5221	2003 BOBCAT WORKMATE 2100 GOLF CART	ORPARKS		18,046			
5222	2004 CLUB CAR CARRYALL 272 GOLF CART	ORPARKS		12,708			
5223	2004 CLUB CAR CARRYALL 272 GOLF CART	ORPARKS		14,203			
5224	2006 CLUB CAR CARRYALL 272 GOLF CART	ORPARKS				13,973	

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
5225	2006 JOHN DEERE HPX 4X4 GATOR	ORPARKS				17,642	
5227	2013 BOBCAT MODEL 5600-F W/SPREADER	ORPARKS					47,560
5232	2013 BOBCAT MODEL 3200 ATV	ORPARKS					
5234	2013 BOBCAT MODEL 3200 ATV	ORPARKS					
5236	2016 KUBOTA RTV1100 UTILITY VEHICLE	ORPARKS					
5237	2016 KUBOTA RTV1100 UTILITY VEHICLE	ORPARKS					
5238	2016 KUBOTA RTV500 UTILITY VEHICLE	ORPARKS					
5239	2016 KUBOTA RTV500 UTILITY VEHICLE	ORPARKS					
5240	2016 KUBOTA RTV500 UTILITY VEHICLE	ORPARKS					
5241	2016 KUBOTA RTV500 UTILITY VEHICLE	ORPARKS					
5242	2016 KUBOTA RTV500 UTILITY VEHICLE	ORPARKS					
5243	2016 YAMAHA CONCIERGE 6 ART CART	ORREC					
<b>Class 5270 - TOOLCATS - (LIFE CYCLE 8-10 YEARS)</b>							
5270	2008 BOBCAT MODEL 5600 TURBO TOOLCAT	ORPARKS		41,998			
5271	2013 BOBCAT MODEL 5600-F TOOLCAT	ORPARKS					59,608
5272	2013 BOBCAT MODEL 5600-F TOOLCAT	ORPARKS					59,608
5273	2016 BOBCAT MODEL 5600-F TOOLCAT	ORPARKS					
<b>Class 5300 - TRACTORS - (LIFE CYCLE 15-20 YEARS)</b>							
5301	2010 KUBOTA L3240D TRACTOR	ORPARKS					49,952
5302	1999 CASE MODEL CX50A TRACTOR	ORPARKS				82,079	
5303	1997 KUBOTA L4200D TRACTOR	ORPARKS				59,222	
5305	1995 KUBOTA L4200D TRACTOR	ORPARKS		57,521			
5307	1993 INTERNATIONAL MODEL 5088 TRACTOR	ORPARKS	52,565				
5308	2011 KUBOTA L3940 TRACTOR	ORPARKS					41,529
5309	2011 KUBOTA L3940 TRACTOR	ORPARKS					33,705
5310	2011 KUBOTA L3940 TRACTOR	ORPARKS					41,529
5311	2011 KUBOTA L3940 TRACTOR	ORPARKS					33,705
5312	2011 KUBOTA L3940 TRACTOR	ORPARKS					33,705
5313	2011 KUBOTA L3940 TRACTOR	ORPARKS					33,705
5314	2011 KUBOTA L3940 TRACTOR	ORPARKS					41,529
5315	1990 FORD 250-C TRACTOR	ORPARKS				27,949	
5316	1990 FORD 250-C TRACTOR	ORPARKS				27,949	
5317	1990 FORD 250-C TRACTOR	ORPARKS				27,949	
5318	1988 JOHN DEERE INTERSTATER TRACTOR	ORPARKS				78,849	
<b>Class 5400 - SKID STEER / LOADERS - (LIFE CYCLE 10-15 YEARS)</b>							
5403	2014 BOBCAT SKID STEER LOADER	ORPARKS					
5404	2011 MELROE BOBCAT SKID STEER LOADER	ORPARKS					



<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
<b>Class 5500 - FORK LIFTS - (LIFE CYCLE 20-22 YEARS)</b>							
5501	2012 STARKE FORKLIFT	ORPARKS					
5502	1989 JCB ROUGH TERRAIN FORKLIFT	ORPARKS	94,787				
<b>Class 5600 - RAKES - (LIFE CYCLE 12-15 YEARS)</b>							
5601	2013 TORO MODEL 3040 SAND PRO RAKE	ORPARKS					
5607	2014 TORO MODEL 3040 SAND PRO RAKE	ORPARKS					
5623	2001 BANNERMAN QUICK SLITT PLANTER	ORPARKS			35,354		
5644	2011 SMITHCO SAND BUNKER RAKE	ORPARKS					20,000
5678	2011 TURFCO TURF CARE ATTACHMENT	ORPARKS					15,601
5679	2011 SCARIFIER TURF MAINT ATTACHMENT	ORPARKS					23,875
5680	BLADE SHARPENING CABINET	ORPARKS					23,625
<b>Class 5700 - ATTACHMENTS - (LIFE CYCLE 20-22 YEARS)</b>							
5701	2008 HORST SNOW PLOW BLADE	ORPARKS					
	<b>Total Number of Active Units: 108</b>						
		<b>Subtotal:</b>	<b>450,482</b>	<b>605,843</b>	<b>273,421</b>	<b>719,460</b>	<b>770,514</b>
		<b>Unrecoverable HST:</b>	<b>7,929</b>	<b>10,664</b>	<b>4,813</b>	<b>12,664</b>	<b>9,061</b>
		<b>Emergency Replacement Contingency</b>					<b>20,000</b>
		<b>Total Estimated Cost:</b>	<b>458,412</b>	<b>616,507</b>	<b>278,233</b>	<b>732,124</b>	<b>799,575</b>
		<b>Budget Submission:</b>	<b>459,000</b>	<b>617,000</b>	<b>279,000</b>	<b>733,000</b>	<b>800,000</b>

**Notes:**

1. Estimated replacement cost represents the total cost plus an annual inflation factor from the date of purchase. The inflation factor is currently set to 2.5%.
2. 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

<b>Project #</b>	OPS-001-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>		<b>Division</b>	Fleet
<b>Title</b>	Fuel Site Equipment Replacement		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
The City of Windsor owns and operates ten (10) fuel sites across the city for corporate use and one (1) retail station located at Lakeview Park Marina.  Funds are required to cover the cost required to maintain fuel sites in compliance with the legislated requirements of the Liquid Fuels Handling Code which is monitored by the Technical Standards and Safety Authority (TSSA).				A detailed replacement schedule including all sites and equipment with required funding by year is attached for information											
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
See Document Attached															
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		<b>Revenue</b>													
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>				
2017	0	0	0	5110 Machinery & Equipment - TCA											
2018	0	0	0		0	0	0	20,000	0	341,270	361,270				
2019	0	0	0	Total	0	0	0	20,000	0	341,270	361,270				
2020	20,000	20,000	0	<b>Revenues</b>											
2021	0	0	0	169 Pay As You Go - Capital Reserve											
2022+	341,270	341,270	0	Total	0	0	0	20,000	0	341,270	361,270				
	<b>361,270</b>	<b>361,270</b>	<b>0</b>		0	0	0	20,000	0	341,270	361,270				
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>											
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>				
				Unknown	Any budget deferral in approved funding will result in an increase in operating costs to maintain equipment and comply with legislated requirements.					0	0				
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>							
2017	January 1, 2017	Growth: 0.0 % Maintenance: 0.0 %		Angela Marazita				Ongoing							

### Fuel Site Equipment Replacement Schedule

Prepared July 26, 2016; Revised November 4, 2016

Fuel Site	Component	Installation Year	Expected Life*	Replacement Year**	Replacement Cost***	Required Capital Budget by Year****					
						2017	2018	2019	2020	2021	
Crawford Yard	2 x 22700L UST Fuel Tank	1990	30-40 years	2020	\$ 200,000.00				\$ 20,000.00		
	2 x Dispenser w/ Fuel Pumps	2009	10-15 years	2024	\$ 35,000.00						
	FuelFocus Controller	2009	10 years	2019	\$ 18,000.00			\$ -			
	VeederRoot	2009	20-25 years	2029	\$ 45,000.00						
	Underground Piping	2009	20-25 years	2029	\$ 50,000.00						
	Canopy	2009	20-25 years	2029	\$ 110,000.00						
Parks McDougall	4600L AST Fuel Tank	2014	15-25 years	2034	\$ 10,000.00						
	7500L AST Fuel Tank w/ Steps	2014	15-25 years	2034	\$ 15,000.00						
	2 x Dispenser w/ Fuel Pumps	1991	10-15 years	2017	\$ 30,000.00	\$ -					
	FuelFocus Controller	2009	10 years	2019	\$ 15,000.00			\$ -			
Little River	2 x 4600L AST Fuel Tank + Fill-Rite Pumps	2010	15-25 years	2030	\$ 14,000.00						
	FuelFocus Controller	2010	10 years	2020	\$ 15,000.00				\$ -		
Malden Park	2 x 2300L AST Fuel Tank + Fill-Rite Pumps	2012	15-25 years	2032	\$ 10,000.00						
	FuelFocus Controller	2014	10 years	2024	\$ 15,000.00						
Solid Waste	4600L AST Fuel Tank + Fill-Rite Pump	2011	15-25 years	2031	\$ 7,000.00						
	FuelFocus Controller	2011	10 years	2021	\$ 15,000.00					\$ -	
Fire Station #1	4500L UST Fuel Tank*****	1991	30-40 years	2021	\$ 5,000.00					\$ -	
	2200L AST Fuel Tank + Fill-Rite Pump	2016	15-25 years	2036	\$ 5,000.00						
Fire Station #2	4500L AST Fuel Tank + Fill-Rite Pump	2005	15-25 years	2025	\$ 7,000.00						
Fire Station #3	4500L AST Fuel Tank + Fill-Rite Pump	2005	15-25 years	2025	\$ 7,000.00						
Fire Apparatus	2 x 2200L AST Fuel Tank + Fill-Rite Pumps	1998	15-25 years	2018	\$ 10,000.00		\$ -				
Lakeview Marina	2 x 45400L UST Fuel Tanks w/ Fuel Pumps	1981	20 years	2016	\$ 300,000.00						
	2 x Dispenser	1981	10-15 years								
	Electronic Line Detection System	2012	20-25 years								
	Underground Piping	1981	20-25 years								
<b>Totals:</b>						<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 20,000.00</b>	<b>\$ -</b>	

\*Expected life ranges provided by MWH Petroleum, Waddick Fuels, and AssetWorks.

\*\*Replacement year to be selected within expected life range. Historically, above ground storage tanks have lasted 20 years on average and dispensers over 15 years. Replacements of all other components have been assigned to the first year of the expected life range.

\*\*\*Replacement costs based on estimates provided by suppliers and inflated historical costs and do not include clean up costs of any contaminated soil or ground water. See the Replacement Cost Estimates sheet for details by component. Replacement cost for

Lakeview Marina fuel site not estimated by Technical Support. It is based on the approved 2016 capital budget amount (details not known).

\*\*\*\*Replacement costs from 2016 inflated annually by 3% (not compounded).

\*\*\*\*\*Underground unleaded fuel tank to be replaced with 2200L aboveground fuel tank with fill-rite pump. The replacement cost is reflected accordingly.



# Project Version Summary

<b>Project #</b>	OPS-002-16	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fleet
<b>Title</b>	Corporate Fuel Site Automation Initiatives		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	2017 (Active)		

<b>Project Description</b>				<b>Version Description</b>											
<p>The City of Windsor owns and operates 9 corporate fuel sites. 5 of the sites are automated with the City's fuel management system. The remaining 4 sites are located at Fire stations across the city and rely on manual records. The Fire fuel sites are as follows:            Station # 1 – 815 Goyeau Street            Station # 2 – Chandler and Milloy            Station # 3 – 2750 Ouellette            Apparatus – 2885 Kew Drive            This project is to address the implementation of the City's fuel management system (FuelFocus) at the remaining 4 Fire fuel sites. Funds to automate one site were approved in the 2016 Capital Budget.</p>				<p>Implementation of the automated fuel management system will result in many benefits including the following:</p> <ul style="list-style-type: none"> <li>• Greater efficiency – Because FuelFocus is integrated with our current Fleet Management System, all pertinent information is maintained in a single database eliminating the need for multiple systems which will improve the efficiency of the operation and provide for adequate financial controls. It will also eliminate human error inherent with manual data entry.</li> <li>• Cost Savings – FuelFocus will not allow operators to pump more fuel into their vehicle than its known fuel tank capacity, or allow the wrong type of fuel to be dispensed.</li> <li>• Accuracy and Consistency of Information – With a single data source, key information is always current (e.g. work information, fuel transactions). The timeliness of preventative maintenance scheduling is improved with more accurate hour meter and odometer readings. It also will restrict access to unauthorized users.</li> </ul> <p>The estimated cost for this project includes the purchase of hardware for each site, software licenses and installation services.</p>											
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
7161032															
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		<b>Revenue</b>													
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>				
2017	0	0	0	<b>Expenses</b>											
2018	0	0	0	5410	Construction Contracts - TCA										
2019	0	0	0	0	0	0	0	0	50,000	0	50,000				
2020	0	0	0	Total	0	0	0	0	50,000	0	50,000				
2021	50,000	50,000	0	<b>Revenues</b>											
2022+	0	0	0	169	Pay As You Go - Capital Reserve										
	<b>50,000</b>	<b>50,000</b>	<b>0</b>	0	0	0	0	0	50,000	0	50,000				
				Total	0	0	0	0	50,000	0	50,000				
<b>Historical Approved Budget</b>															
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>												
2016	25,000	25,000	0												
<b>Related Projects</b>				<b>Operating Budget Impact</b>											
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>				
				Unknown	Fuel site automation will result in increased annual software maintenance costs					0	0				
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>							
2016	January 1, 2016	Growth: 0.0 % Maintenance: 0.0 %		Angela Marazita											



# Project Version Summary

<b>Project #</b>	OPS-002-17	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>		<b>Division</b>	Fleet
<b>Title</b>	Fuel Site Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
Funds are required at the fuel site located at Fire Headquarters to cover the costs to remove the underground unleaded and diesel fuel tanks, install a new above ground unleaded tank and to automate the fuel site with the corporate fuel management system. Fuel sites must be in compliance with the legislated requirements of the Liquid Fuels Handling Code which is monitored by the Technical Standards and Safety Authority (TSSA). TSSA is proposing changes to the Liquid Fuels Handling Code. It is uncertain at this time when these changes will take effect, however, automating the fuel will also address some of these proposed changes and achieve compliance with the Liquid Fuels Handling Code.				Work to be Completed: * \$24,000 - Removal & disposal of the underground tanks including site restoration * \$35,000 - Remediation of site in case of contamination of soil/groundwater (estimate based on previous site remediation at a former Fire fuel site location) * \$ 4,000 - Installation of new 2,200 litre aboveground tank for unleaded fuel * \$ 3,000 - Install an emergency shut-off right at the pumps and another at the building to comply with proposed change to the Liquid Fuels Handling Code * \$44,000 - Installation of FuelFocus ICU including hardware, software licence and work require to make the site ready for the ICU installation (electrical, network, etc.) * \$22,000 - Contingency							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5110 Machinery & Equipment - TCA							
2018	0	0	0		0	0	0	0	0	132,000	132,000
2019	0	0	0								
2020	0	0	0								
2021	0	0	0								
2022+	132,000	132,000	0								
	<b>132,000</b>	<b>132,000</b>	<b>0</b>	<b>Revenues</b>							
				169 Pay As You Go - Capital Reserve							
					0	0	0	0	0	132,000	132,000
					0	0	0	0	0	132,000	132,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	Any budget deferrel in approved funding will result in an increase in operating costs to maintain sites and comply with legislated requirements.				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017	January 1, 2017	Growth: 0.0 % Maintenance: 0.0 %		Angela Marazita							



# Project Version Summary

<b>Project #</b>	OPS-005-08	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fleet
<b>Title</b>	Corporate Fleet Replacement Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
Replacement of dedicated vehicles and equipment.				Annual budget requests are based on the Fleet Division's projections of required replacements.											
All requests are subject to review by the Fleet Review Committee. This submission is being entered as a placeholder pending final approval from the Fleet Review Committee at a later date.															
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
See Document Attached (Closed: 7085004/7091012/7101015/7111028/7121009/7131112/7141002) Active: 7151004/7161033															
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		<b>Revenue</b>													
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>				
2017	1,021,000	1,021,000	0	5110 Machinery & Equipment - TCA											
2018	2,610,000	2,610,000	0		1,021,000	2,610,000	2,164,000	1,908,000	992,000	7,850,000	16,545,000				
2019	2,164,000	2,164,000	0	Total	1,021,000	2,610,000	2,164,000	1,908,000	992,000	7,850,000	16,545,000				
2020	1,908,000	1,908,000	0	<b>Revenues</b>											
2021	992,000	992,000	0	136 Equipment Replacement											
2022+	7,850,000	7,850,000	0		1,021,000	2,610,000	2,164,000	1,908,000	992,000	7,850,000	16,545,000				
	<b>16,545,000</b>	<b>16,545,000</b>	<b>0</b>	Total	1,021,000	2,610,000	2,164,000	1,908,000	992,000	7,850,000	16,545,000				
<b>Historical Approved Budget</b>															
		<b>Revenue</b>													
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>												
2008	2,000,000	2,000,000	0												
2009	2,500,000	2,500,000	0												
2010	1,625,171	1,625,171	0												
2011	872,732	872,732	0												
2012	1,750,000	1,750,000	0												
2013	1,240,000	1,240,000	0												
2014	780,000	780,000	0												
2015	1,131,000	1,131,000	0												
2016	1,560,500	1,560,500	0												
<b>Related Projects</b>				<b>Operating Budget Impact</b>											
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>				
				Unknown	Deferral of replacements contributes to increased repair and operating costs as user departments require units to be operational to meet expected service levels.					0	0				

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>
2008	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	Angela Marazita	Ongoing

**FLEET REPLACEMENT SCHEDULE - CAPITAL BUDGET SUBMISSION - CORPORATE FLEET**

(source: FleetFocus as of August 10, 2016)

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
<b>Class 110 - VANS (Life Cycle 7 - 9 Years)</b>							
0250	2006 CHEVROLET 1500 EXPRESS VAN	PW FIELD		33,433			
0251	2006 CHEVROLET 1500 EXPRESS VAN	FAC MGT		33,433			
0252	2006 CHEVROLET 1500 EXPRESS VAN	FAC MGT		33,433			
0253	2006 CHEVROLET 1500 EXPRESS CARGO VAN	PW FIELD		34,329			
0255	2008 FORD E150 CARGO VAN	PW LAB	45,859				
0256	2009 CHEVROLET EXPRESS 1500 CARGO VAN	FAC MGT	28,484				
0257	2009 CHEVROLET EXPRESS 1500 CARGO VAN	FAC MGT		28,748			
0258	2009 GMC SAVANNA CARGO VAN	FAC MGT	28,533				
0259	2010 CHEVROLET EXPRESS CARGO VAN	PW LAB		39,725			
0260	2011 CHEVROLET EXPRESS CARGO VAN	FAC MGT			29,497		
0261	2012 GMC SAVANA CARGO VAN	PW FIELD			31,307		
0265	2006 CHEVROLET SAVANNA EXTEND CARGO VAN	FAC MGT		44,321			
0268	2007 CHEVROLET EXPRESS 2500 EXT VAN	FAC MGT		41,511			
0269	2010 CHEVROLET EXPRESS CARGO VAN	PW SEWER	40,490				
0270	2012 CHEVROLET EXPRESS CARGO VAN	FAC MGT					41,750
3027	2013 FORD ECONO SUPER CARGO VAN	FIRE					
<b>Class 120 - CUBE VANS (Life Cycle 9 - 11 Years)</b>							
0301	2007 CHEVROLET 3500 CUTAWAY VAN	LIBRARY	42,948				
0303	2008 CHEVROLET E2500 UNICELL CUBE VAN	FAC MGT	45,122				
0304	2012 GMC SAVANA UNICELL VAN	PW SEWER					
<b>Class 140 - SPORT UTILITY (Life Cycle 10 Years)</b>							
0328	2006 DODGE DURANGO SUV 4X4	PW FIELD	51,522				
0329	2006 DODGE DURANGO SUV 4X4	PW FIELD	51,522				
<b>Class 145 - VANS MINI (Life Cycle 7 - 9 Years)</b>							
0309	2009 CHEVROLET UPLANDER LS MINI VAN	INFO TECH	22,160				
0337	2006 DODGE CARAVAN MINI VAN 7 PASSENGER	FAC MGT			25,359		
0338	2009 CHEVROLET UPLANDER LS MINI VAN	PARK SERV			22,571		
0346	2016 DODGE GRAND CARAVAN SE	PW FIELD					
0347	2016 DODGE GRAND CARAVAN SE	PW LRPCP					
0348	2016 DODGE GRAND CARAVAN SE	BUILDING					
0349	2016 DODGE GRAND CARAVAN SE	PARK SERV					



<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
0350	2012 DODGE GRAND CARAVAN	PW FIELD			26,415		
0351	2012 DODGE GRAND CARAVAN	BUILDING			26,415		
0352	2012 DODGE GRAND CARAVAN	TRAF STUD			26,415		
0353	2012 DODGE GRAND CARAVAN	PARKS			26,415		
0354	2012 DODGE GRAND CARAVAN	INFO TECH			26,415		
0377	2006 DODGE CARAVAN MINI VAN 7 PASSENGER	FORESTRY			25,360		
0378	2006 DODGE CARAVAN MINI VAN 7 PASSENGER	PW PUMP ST					
0379	2006 DODGE CARAVAN MINI VAN 7 PASSENGER	PW FIELD		25,135			
0380	2007 FORD FREESTAR MINI VAN	MAILROOM	25,215				
0381	2007 DODGE CARAVAN 7 PASSENGER	PARK SERV		26,207			
0383	2014 DODGE GRAND CARAVAN	BUILDING					21,181
0384	2014 DODGE GRAND CARAVAN	BUILDING					21,181
0385	2014 DODGE GRAND CARAVAN	BUILDING					21,181
0386	2014 DODGE GRAND CARAVAN	BUILDING					21,181
0387	2014 DODGE GRAND CARAVAN	BUILDING					21,181
0388	2014 DODGE GRAND CARAVAN	BUILDING					21,181
0389	2014 DODGE GRAND CARAVAN	BUILDING					21,181
0390	2014 DODGE GRAND CARAVAN	BUILDING					21,181
0391	2014 DODGE GRAND CARAVAN	BUILDING					21,181
0392	2014 DODGE GRAND CARAVAN	BUILDING					21,181
0393	2014 DODGE GRAND CARAVAN	BUILDING					21,181
0394	2014 DODGE GRAND CARAVAN	PARKS					21,181
0395	2016 DODGE CARAVAN MINIVAN	PARKS					
0396	2016 DODGE CARAVAN MINIVAN	PW TECHNIC					
0397	2016 DODGE CARAVAN MINIVAN	PW TECHNIC					
0398	2016 DODGE CARAVAN MINIVAN	SIGNALS					
0399	2016 DODGE CARAVAN MINIVAN	PW FIELD					
0400	2016 DODGE CARAVAN MINIVAN	PW SEWER					
3002	2009 CHEVROLET UPLANDER LS MINI VAN	FIRE	25,999				
3009	2010 DODGE GRAND CARAVAN SE	FIRE		20,340			
3010	2010 DODGE GRAND CARAVAN SE	FIRE		20,340			
3011	2010 DODGE GRAND CARAVAN SE	FIRE		20,340			
3019	2013 DODGE GRAND CARAVAN MINIVAN	FIRE					20,561
3020	2013 DODGE GRAND CARAVAN MINIVAN	FIRE					20,561
3021	2013 DODGE GRAND CARAVAN MINIVAN	FIRE					20,561
3025	2013 DODGE GRAND CARAVAN MINIVAN	FIRE					20,081

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
3028	2014 DODGE GRAND CARAVAN	FIRE					
3029	2014 DODGE GRAND CARAVAN	FIRE					
3031	2016 DODGE CARAVAN MINIVAN	FIRE					
3032	2016 DODGE CARAVAN MINIVAN	FIRE					
3033	2016 DODGE CARAVAN MINIVAN	FIRE					
<b>Class 150 - COMPACT CARS (Life Cycle 6 - 8 Years)</b>							
0434	2006 CHRYSLER PT CRUISER	SIGNS&MARK					
0444	2009 FORD FOCUS 4 DOOR	PW WWPCP		18,049			
0445	2009 FORD FOCUS 4 DOOR	PW WWPCP		18,049			
0446	2009 FORD FOCUS 4 DOOR	TRAF STUD		18,049			
0447	2009 FORD FOCUS 4 DOOR	PARK SERV		18,049			
3006	2010 DODGE CALIBER SXT 5 DOOR HATCHBACK	FIRE		19,214			
3007	2011 DODGE CALIBER SXT	FIRE			19,966		
3008	2011 DODGE CALIBER SXT	FIRE			19,966		
3016	2011 DODGE CALIBER SXT CAR	FIRE			18,322		
<b>Class 155 - CROSS OVER (Life Cycle 8 - 10 Years)</b>							
0460	2012 DODGE JOURNEY CROSS OVER	BYLAW				18,725	
0461	2012 DODGE JOURNEY CROSS OVER	BYLAW				18,725	
0462	2012 DODGE JOURNEY CROSS OVER	BYLAW				18,553	
0463	2012 DODGE JOURNEY CROSS OVER	BYLAW				18,553	
0464	2012 DODGE JOURNEY CROSS OVER	BYLAW				18,553	
0465	2012 DODGE JOURNEY CROSS OVER	BYLAW				18,553	
0466	2012 DODGE JOURNEY CROSS OVER	BYLAW				18,553	
0467	2012 DODGE JOURNEY CROSS OVER	BYLAW				18,553	
0468	2012 DODGE JOURNEY CROSS OVER	BYLAW				18,553	
0469	2012 DODGE JOURNEY CROSS OVER	BYLAW				18,553	
0470	2012 DODGE JOURNEY CROSS OVER	BYLAW				18,553	
0471	2012 DODGE JOURNEY CROSS OVER	BYLAW				18,553	
3012	2011 DODGE JOURNEY R/T AWD	FIRE			31,012		
3013	2011 DODGE JOURNEY R/T AWD	FIRE			31,012		
3014	2011 DODGE JOURNEY R/T AWD	FIRE			31,012		
<b>Class 165 - HYBRIDS - GAS / ELECTRIC (Life Cycle 7 - 9 Years)</b>							
0505	2008 SATURN AURA HYBRID ZZR69	PARKING		36,216			
<b>Class 200 - SMALL PICKUPS (Life Cycle 7 - 9 Years)</b>							
0600	2009 CHEVROLET COLORADO LT PICKUP	PW FIELD			23,482		
0601	2009 CHEVROLET COLORADO LT PICKUP	PW FIELD			23,482		

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
0603	2009 CHEVROLET COLORADO LT PICKUP	FAC MGT			23,482		
0605	2009 CHEVROLET COLORADO LT PICKUP	FORESTRY	23,055				
0606	2011 FORD RANGER PICKUP EXTENDED CAB 6`	PW FIELD			20,621		
0607	2011 FORD RANGER PICKUP EXTENDED CAB 6`	PW PUMP ST			20,621		
0608	2011 FORD RANGER PICKUP EXTENDED CAB 6`	PW ROW MAI			20,621		
0609	2011 FORD RANGER PICKUP EXTENDED CAB 6`	PW FIELD			20,621		
<b>Class 210 - LARGE PICKUPS (Life Cycle 7 - 9 Years)</b>							
0613	2013 CHEVROLET SILVERADO1500 EXT CAB	PW ELECTR				25,912	
0614	2013 CHEVROLET SILVERADO 1500 EXT CAB	PW ROW MAI				25,912	
0615	2013 CHEVROLET SILVERADO 1500 PICKUP	PW CONTRAC				25,603	
0616	2012 CHEVROLET SILVERADO 2500 PICKUP	PARKS			27,107		
0617	2012 CHEVROLET SILVERADO 1500 PICKUP	PARKS			23,013		
0618	2012 CHEVROLET SILVERADO 1500 PICKUP	FORESTRY			23,013		
0619	2012 CHEVROLET SILVERADO 1500 PICKUP	PW SEWER			23,013		
0620	2011 CHEVROLET SILVERADO 1500 PICKUP	PW PUMP ST	23,917				
0621	2011 CHEVROLET SILVERADO 1500 PICKUP	PW PUMP ST	23,917				
0624	2011 CHEVROLET SILVERADO 2500 HD CREWCAB	PARKS		14,832			15,264
0626	2011 CHEVROLET SILVERADO 2500 HD CREWCAB	PARKS		37,941			
0649	2016 FORD F250 XL REG CAB 4X4 PICKUP	PW ENVTAL					
0650	2016 FORD F250 XL REG CAB 4X4 PICKUP	PW ENVTAL					
0709	2007 DODGE RAM2500 STD 8` BOX PICKUP	FAC MGT		41,106			
0714	2015 CHEVROLET SILVERADO 1500 PICKUP	PW FIELD					
0715	2015 CHEVROLET SILVERADO 1500 PICKUP	PW FIELD					
0716	2015 CHEVROLET SILVERADO 1500 PICKUP	PW FIELD					
0717	2015 CHEVROLET SILVERADO 1500 PICKUP	PARKS					
0718	2015 CHEVROLET SILVERADO 1500 PICKUP	PARKS					
0769	2008 CHEVROLET SILVERADO 2500 HD PICKUP	PARKS		48,286			
<b>Class 220 - PICKUPS (Life Cycle 7 - 9 Years)</b>							
0662	2009 CHEVROLET SILVERADO WT1500 PICKUP	PW FIELD					
0664	2009 CHEVROLET SILVERADO WT1500 PICKUP	PARK SERV		26,248			
0665	2013 GMC SIERRA 1500 REG CAB PICKUP	PW ENVTAL				28,226	
0666	2013 CHEVROLET SILVERADO REG CAB PICKUP	PW ENVTAL				24,180	
0668	2014 FORD F150 STD CAB 8` BOX PICKUP	PW ENVTAL					27,765
0669	2014 FORD F150 STD CAB 8` BOX PICKUP	PW ENVTAL					27,759
0687	2007 DODGE 1500 STD 8` BOX 1/2 TON PICKU	PARKS					
0688	2007 DODGE 1500 STD 8` BOX 1/2 TON PICKU	PW WWPCP					

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
0692	2008 FORD F150 XL REG 8` BOX PICKUP	PARKS	22,235				
0693	2008 FORD F150 XL REG 8` BOX PICKUP	PW ROW MAI	22,235				
0694	2008 FORD F150 XL REG 8` BOX PICKUP	SIGNS&MARK	22,235				
0695	2013 GMC SIERRA REG CAB 8` BOX PICKUP	HORTICULT				24,854	
0696	2013 GMC SIERRA EXT CAB 6` BOX PICKUP	PW ROW MAI				24,666	
0697	2013 GMC SIERRA EXT CAB 6` BOX PICKUP	HORTICULT				24,666	
0698	2013 GMC SIERRA EXT CAB 6` BOX PICKUP	PW CONTRAC				24,896	
0699	2013 GMC SIERRA EXT CAB 6` BOX PICKUP	PW SEWER				24,666	
0710	2007 CHEVROLET LT 1500 PICKUP	PW CONTRAC					
0711	2007 CHEVROLET LT 1500 PICKUP	SIGNALS		28,674			
0712	2007 CHEVROLET LT 1500 PICKUP	FAC MGT		28,674			
0713	2007 CHEVROLET LT 1500 PICKUP	PW FIELD		28,674			
0719	2016 FORD F150 PICKUP REG CAB 8` BOX	PW FIELD					
0720	2016 FORD F150 PICKUP REG CAB 8` BOX	PARKS					
0721	2016 FORD F150 PICKUP REG CAB 8` BOX	PW WWPCP					
0722	2016 FORD F150 PICKUP REG CAB 8` BOX	PW CONTRAC					
0723	2016 FORD F150 PICKUP REG CAB 8` BOX	FAC MGT					
0724	2016 FORD F150 PICKUP REG CAB 8` BOX	PW ENVTAL					
0733	2013 GMC SIERRA EXT CAB 6` BOX PICKUP	PW SEWER				24,666	
0734	2013 GMC SIERRA EXT CAB 6` BOX PICKUP	PW ROW MAI				24,666	
<b>Class 230 - UTILITY TRUCKS (Life Cycle 9 - 11 Years)</b>							
0737	2011 FORD F350 SUPER DUTY SERVICE BODY	SIGNS&MARK				57,474	
0738	2008 FORD F350 REG CAB SERVICE BODY	SIGNS&MARK		66,820			
0739	2008 FORD F350 REG CAB SERVICE BODY	SIGNS&MARK		66,820			
0740	2008 FORD F350 REG CAB SERVICE BODY	SIGNS&MARK		66,820			
0750	2012 GMC SAVANA CUTAWAY STAHL HI-ROOF	PW ELECTR					
0751	2012 GMC SAVANA CUTAWAY STAHL HI-ROOF	PW ELECTR					
0752	2013 FORD F350 SUPER DUTY SERVICE TRUCK	PARKS					
0753	2014 FORD F350 SUPER DUTY DUMP TRUCK	PARKS					
0754	2014 FORD F350 SUPER DUTY DUMP TRUCK	FAC MGT					
0765	2007 DODGE RAM 2500 PICKUP/FLATBED	FAC MGT					
0770	2011 CHEVROLET SILVERADO 2500 4X4 PICKUP	PW WWPCP					33,543
0771	2012 CHEVROLET SILVERADO 2500 4X4 PICKUP	PW LRPCP			34,441		
0777	2011 CHEVROLET SILVERADO 2500 4X4 PICKUP	PARK SERV					27,499
0780	2013 GMC SIERRA 4X4 REG CAB PICKUP	PARKS					38,899
0781	2013 GMC SIERRA 4X4 REG CAB PICKUP	PARKS					38,899

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
0782	2015 FORD F350 4X4 PICKUP SRW	PARKS					
3017	2012 CHEVROLET SILVERADO 3500 PICKUP	FIRE					32,835
3018	2012 CHEVROLET SILVERADO 3500 PICKUP	FIRE					32,547
<b>Class 246 - CREW CABS (Life Cycle 9 - 11 Years)</b>							
0791	2011 CHEVROLET SILVERADO WT 3500 CREWCAB	HORTICULT				57,749	
0792	2011 CHEVROLET SILVERADO 3500 CREW CAB	HORTICULT				15,750	
0793	2006 DODGE RAM 3500 QUAD CAB FLAT BED	HORTICULT		63,284			
0794	2006 DODGE RAM 3500 QUAD CAB FLAT BED	PARKS					
0795	2006 DODGE RAM 3500 QUAD CAB FLAT BED	PARKS					
0796	2011 CHEVROLET SILVERADO WT 3500 CREWCAB	PARKS				56,030	
0797	2011 CHEVROLET SILVERADO WT 3500 CREWCAB	PARKS				56,030	
0798	2013 GMC SIERRA 3500 HD CREWCAB	PARKS					
<b>Class 305 - 10000 GVW TRUCKS (Life Cycle 9 - 11 Years)</b>							
0853	2015 FORD F350 B DUMP TRUCK	PW SEWER					
0854	2011 CHEVROLET SILVERADO WT 3500 TRUCK	PW ROW MAI				56,772	
0855	2011 CHEVROLET SILVERADO WT 3500 TRUCK	PW ROW MAI				56,772	
0856	2011 CHEVROLET SILVERADO WT 3500 TRUCK	PW ROW MAI				56,772	
0857	2011 CHEVROLET SILVERADO WT 3500 TRUCK	PW ROW MAI				56,772	
0858	2011 CHEVROLET SILVERADO WT 3500 TRUCK	PW ROW MAI				56,772	
0859	2013 GMC SIERRA 3500 HD CREWCAB	PW ROW MAI					
0872	2007 DODGE RAM 3500 B DUMP TRUCK	PARKS		66,185			
0873	2007 DODGE RAM 3500 B DUMP TRUCK	PARKS		66,185			
0874	2008 FORD F350XL SUPER DUTY B TRUCK	PW ROW MAI		60,039			
<b>Class 325 - 14000 TO 20000 GVW TRUCKS (Life Cycle 9 - 11 Years)</b>							
0930	2016 FORD F550 XL 4X4 DUMP TRUCK	PW WINTERC					
0931	2016 FORD F550 XL 4X4 DUMP TRUCK	PW WINTERC					
0939	2008 FORD F550 DUMP B TRUCK SUPER DUTY	PW WINTERC	88,752				
0940	2008 FORD F550 DUMP B TRUCK SUPER DUTY	PW WINTERC	88,752				
0941	2013 FORD F550 FLAT BED B TRUCK	PARKS					
<b>Class 330 - 22000 TO 28000 GVW TRUCKS (Life Cycle 10 - 12 Years)</b>							
0946	2008 STERLING ACTERRA CHIPPER TRUCK	FORESTRY				101,146	
0947	2016 FREIGHTLINER M2-106 B TRUCK	PW WINTERC					
0948	2016 FREIGHTLINER FL-80-106 B TRUCK	PW WINTERC					
<b>Class 360 - 33000 TO 35000 GVW TRUCKS (Life Cycle 10 - 12 Years)</b>							
0971	2010 NAVISTAR 7400 SFA DUMP SALTER PLOW	PW WINTERC				133,801	
<b>Class 365 - 50000-60000 GVW TRUCKS (Life Cycle 10 - 12 Years)</b>							

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
0991	2005 INTERNATIONAL 7500 HT570 SNOW PLOW	PW WINTERC			216,670		
0992	2007 STERLING LT8500 SNOW PLOW	PW WINTERC			144,872		
0993	2007 STERLING LT8500 SNOW PLOW	PW WINTERC			144,872		
0994	2007 STERLING LT8500 A TRUCK TDM DUMP	PARKS			144,872		
<b>Class 405 - 14 CU. YD. PACKER</b>							
1012	2015 FORD F550 14 CU YD PACKER	PARKS					
<b>Class 435 - 20 CU. YD. 50000 GVW PACKERS (Life Cycle 8 - 10 Years)</b>							
1056	2005 FREIGHTLINER M2 2 MAN PACKER	PW ENVTAL	181,631				
1059	2007 FREIGHTLINER M2 TANDEM PACKER	PW ENVTAL		181,196			
<b>Class 440 - PACKER FRONT END LOADER (Life Cycle 8 - 10 Years)</b>							
1076	2007 MACK MR688S FEL 38 CU YD FANOTECH	PW ENVTAL					
1077	2007 MACK MR688S FEL 38 CU YD FANOTECH	PW ENVTAL					
<b>Class 450 - 17 CU YARD SIDE LOADING PACKER (Life Cycle 8 - 10 Years)</b>							
1084	2015 FREIGHTLINER M2106 ONE-MAN PACKER	PARKS					
1099	2007 FREIGHTLINER M2 17 YD PACKER	PW ENVTAL		253,046			
<b>Class 506 - AERIAL TRUCK 22000 GVW (Life Cycle 10 - 12 Years)</b>							
1225	2002 FREIGHTLINER FL60	SIGNALS		248,098			
1226	2002 FREIGHTLINER FL60	SIGNALS		248,098			
1227	2005 FORD F550XL SUPER DUTY TRUCK	SIGNS&MARK					156,304
1228	2007 STERLING ACTERRA AERIAL TRUCK	SIGNALS					
<b>Class 511 - AERIAL TRUCKS 33000 GVW (Life Cycle 10 - 12 Years)</b>							
1247	2010 FREIGHTLINER CONVENTIONAL AERIAL	FORESTRY					
1248	2011 FREIGHTLINER CONVENTIONAL	FORESTRY					
<b>Class 520 - 6 CU YD. VACUUM STREET SWEEPER (Life Cycle 10 - 12 Years)</b>							
1263	2008 ELGIN WHIRLWIND MV-3043-D SWEEPER	PW ENVTAL			243,451		
1264	2006 ELGIN WHIRLWIND MV-1064-D SWEEPER	PW ENVTAL		268,333			
1265	2006 ELGIN WHIRLWIND MV-1065-D SWEEPER	PW ENVTAL					
1266	2005 ELGIN WHIRLWIND MV1050D SWEEPER	PW ENVTAL					
<b>Class 529 - TRUCK WATER TANK (Life Cycle 20 Years)</b>							
1311	2008 STERLING ACTERRA WATER TRUCK	HORTICULT					
<b>Class 531 - SEWER JET VACTOR (Life Cycle 10 - 12 Years)</b>							
1319	2011 INTERNATIONAL WORK STAR VACTOR	PW SEWER					
1321	2015 FREIGHTLINER 2100 VACTOR TRUCK	PW SEWER					
<b>Class 535 - DUMP SPECIAL HIAB CRANE (Life Cycle 10 - 12 Years)</b>							
1327	2015 FREIGHTLINER M-2 CRANE/DUMP	FORESTRY					
<b>Class 537 - LINE ROAD PAINTING TRUCK (Life Cycle 20 Years)</b>							

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
1331	2002 GMC T8500 LINETECH TM52275AA	SIGNS&MARK					
<b>Class 603 - SEWER RODDER - TRUCK MOUNTED (Life Cycle 12 - 15 Years)</b>							
1360	1999 FORD F450 XL MOUNTED SEWER RODDER	PW SEWER			165,417		
<b>Class 608 - SEWER BUCKET MACHINES (Life Cycle 20 Years)</b>							
1369	1985 SRECO PULLBACK SEWER BUCKET	PW SEWER					29,353
1370	1985 SRECO LOADER	PW SEWER					29,218
<b>Class 640 - BRUSH CHIPPER DIESEL (Life Cycle 10 - 15 Years)</b>							
1433	2013 VERMEER BC 1800XL WOOD CHIPPER	FORESTRY					
1436	2007 VERMEER BRUSH CHIPPER 1800 XL TRAIL	FORESTRY			70,531		
1437	2011 VERMEER BC1000XL WOOD CHIPPER	FORESTRY				33,830	
1439	2013 VERMEER BC1500 WOOD CHIPPER	FORESTRY					
<b>Class 650 - MISCELLANEOUS TRAILERS (Life Cycle 12 - 15 Years)</b>							
1477	2000 NOBLE INDUSTRIES STRAIGHTLINE TRAIL	SIGNS&MARK			5,937		
1478	2000 NOBLE INDUSTRIES STRAIGHTLINE TRAIL	SIGNS&MARK			5,937		
1479	2000 NOBLE INDUSTRIES STRAIGHTLINE TRAIL	SIGNS&MARK			5,937		
1481	2002 FOREST RIVER CARGO TRAILER	SIGNS&MARK			2,936		
1487	2001 ROBCOL EXPC/5T TRAILER	SIGNALS					
1488	2001 ROBCOL EXPC/5T TRAILER	SIGNALS					
<b>Class 660 - 2 - 6 CU. YD. SALT SPREADERS (Life Cycle 9 - 11 Years)</b>							
0649S	2015 WESTERN 7800 7' 1.5 CU YD SALTER	PW ENVTAL					
0769S	2008 SNO-WAY SALTER 1.5 CU YD	PARKS		6,040			
0770S	2011 WESTERN 7800 7' 2.5 CU YD SALTER	PW WWPCP					
0777S	2011 SNO-WAY 1.5 CU YD SALTER	PARK SERV					
0780S	2013 WESTERN TORNADO SLIDE IN SPREADER	PARKS					
0781S	2013 WESTERN TORNADO SLIDE IN SPREADER	PARKS					
0782S	2015 SALTDogg 2.0 CU YD SALTER	PARKS					
0873S	2011 WESTERN 2.5 CU YD ICE BREAKER SALT	PARKS					12,708
0939S	2008 FISHER PRO-CASTER SALTER 3.3 CU YD	PW WINTERC			6,264		
0940S	2014 FISHER PRO-CASTER SALTER	PW WINTERC					
0947S	2011 WESTERN 3.3 CU YD ICE BREAKER SALT	PW WINTERC					21,887
0948S	2008 FISHER PRO-CASTER SALTER 3.3 CU YD	PW WINTERC			13,938		
<b>Class 664 - 7 - 10 CU YD. SALT SPREADERS (Life Cycle 9 - 11 Years)</b>							
0971S	2006 SCHMIDT STRATOS 4 CU YD SALTER	PW WINTERC					52,618
0991S	2013 SCHMIDT STRATOS B70-42 SALTER COMBI	PW WINTERC					
0992S	2004 SCHMIDT STRATOS V BODY SALTER	PW WINTERC			23,406		
0993S	2004 SCHMIDT STRATOS V BODY SALTER	PW WINTERC			71,124		

<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	
<b>Class 665 - LARGE SNOW PLOWS (Life Cycle 9 - 11 Years)</b>								
0971P	2011 VIKING CHIVES MONASHEE LARGE PLOW	PW WINTERC				64,044		
0991P	2015 VIKING-CIVES 11` SNOW PLOW	PW WINTERC						
0992P	2008 VIKING LARGE PLOW 11`	PW WINTERC			28,054			
0993P	2008 VIKING LARGE PLOW 11`	PW WINTERC			28,054			
<b>Class 667 - SMALL SNOW PLOWS (Life Cycle 9 - 11 Years)</b>								
0649P	2015 WESTERN 7'6" SNOW PLOW	PW ENVTAL						
0769P	2007 FISHER SNOW PLOW 8'6" HD	PARKS		4,752				
0770P	2011 PRO PLOW 7.5 STEEL SNOW PLOW	PW WWPCP						
0771P	2012 FISHER V SNOW PLOW	PW LRPCP			4,913			
0777P	2011 WESTERN SMALL PLOW 7.5 PRO STEEL	PARK SERV						
0780P	2013 WESTERN SNOW PLOW 7.5` FULL TRIP	PARKS						
0781P	2013 WESTERN SNOW PLOW 7.5 FULL TRIP	PARKS						
0782P	2002 WESTERN SMALL PLOW 9` ULTRA MOUNT	PARKS				7,316		
0873P	2009 WESTERN PRO SMALL PLOW 8'6"	PARKS		16,897				
0930P	2007 WESTERN SMALL PLOW 9` ULTRA MOUNT	PW WINTERC					8,788	
0939P	2015 WESTERN PRO PLUS 9` PLOW	PW WINTERC						
0940P	2015 WESTERN PRO PLUS 9 FOOT PLOW	PW WINTERC						
0947P	2016 VIKING-CIVES 9` TRIP EDGE SNOW PLOW	PW WINTERC						
0948P	2016 VIKING-CIVES 9` TRIP EDGE SNOW PLOW	PW WINTERC						
<b>Class 680 - CRASH ATTENUATORS</b>								
1580	2016 VORTEQ CRASH ATTENUATOR	SIGNS&MARK						
<b>Class 700 - FORK LIFTS (Life Cycle 20 Years)</b>								
1603	2013 HYUNDAI 25L-7A FORKLIFT	SIGNS&MARK						
<b>Class 710 - SNOWBLOWER DIESEL (Life Cycle 20 Years)</b>								
1620	1978 VOHL SNOW BLOWER	PW WINTERC				108,022		
<b>Class 735 - LAWN TRACTORS/RIDING MOWERS (Life Cycle 15 Years)</b>								
1672	2013 FRONT MOWER F3080 MOWER/BLOWER	PW LRPCP						
1673	2011 JOHN DEERE 1445 LAWN MOWER	PW WWPCP						
<b>Class 740 - FEL LOADER / BACKHOE (Life Cycle 15 Years)</b>								
1683	2005 CASE 621D 4 WHEEL LOADER	PARKS				187,648		
1684	2016 CAT 926M WHEEL LOADER	PW WINTERC						
<b>Total Number of Active Units: 275</b>			<b>Subtotal:</b>	<b>904,584</b>	<b>2,465,971</b>	<b>2,028,162</b>	<b>1,775,801</b>	<b>876,354</b>
			<b>Unrecoverable HST:</b>	<b>15,922</b>	<b>43,406</b>	<b>35,700</b>	<b>31,258</b>	<b>15,426</b>
			<b>Total Estimated Cost:</b>	<b>920,506</b>	<b>2,509,377</b>	<b>2,063,862</b>	<b>1,807,059</b>	<b>891,780</b>



<u>Unit</u>	<u>Description</u>	<u>Department</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
		<b>Emergency Replacement Contingency:</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>
		<b>Budget Submission:</b>	<b>1,021,000</b>	<b>2,610,000</b>	<b>2,164,000</b>	<b>1,908,000</b>	<b>992,000</b>

**Notes:**

1. Estimated replacement cost represents the total cost plus an annual inflation factor from the date of purchase. The inflation factor is currently set to 2.5% for classes 305-537 & 740 and 1% for all others.
2. Fire and Rescue Services has a separate fleet replacement schedule. The replacement of Fire's small fleet is based on Public Works methodology.
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

<b>Project #</b>	OPS-005-16	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fleet
<b>Title</b>	FleetFocus Web Modules		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
<p>FleetFocus is the fleet management software used by the PW Operations Department, Transit Windsor, and Fire. As a result of the Fleet Shared Service Review, Parks and Police are also implementing the FleetFocus software for use in managing their fleet operations.</p> <p>FleetFocus tracks all functions related to the maintenance of vehicles and equipment including processing of repair and preventative maintenance work orders, capturing operating expenses (i.e. fuel, parts, licensing) and inventory management.</p> <p>It should be noted that the version of FleetFocus being utilized has already passed its end of life, therefore, vendor support may be limited.</p>				<p>In order to gain efficiencies, it is recommended that the FleetFocus web modules be purchased and implemented during the next system upgrade. These modules will make FleetFocus a web based application, provide many role-based portals, and provide enhanced reporting functionality. Moving to a web based software application will allow users to access the software from any network connected personal computer and decrease the maintenance requirements for the Information Technology Department. It will also allow users to leverage new features as new development and enhancements are directed towards the web version of the software.</p> <p>The estimated cost of this project includes the purchase of software licences, implementation services and training. There is an annual software maintenance fee that is shared among the five fleet areas which is currently in the Operating Budget.</p>												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7161034																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<u>Revenue</u>														
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>					
2017	0	0	0	<b>Expenses</b>												
2018	0	0	0	5126	Computer Software											
2019	0	0	0	0	0	0	0	0	0	35,000	35,000					
2020	0	0	0	Total		0	0	0	0	0	35,000	35,000				
2021	0	0	0	<b>Revenues</b>												
2022+	35,000	35,000	0	169	Pay As You Go - Capital Reserve											
	<b>35,000</b>	<b>35,000</b>	<b>0</b>	0	0	0	0	0	0	35,000	35,000					
				Total		0	0	0	0	0	35,000	35,000				
<b>Historical Approved Budget</b>																
		<u>Revenue</u>														
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>													
2016	60,000	60,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>		<b>Description</b>				<b>Exp/(Rev)</b>		<b>FTE Impact</b>				
				Unknown		No Operating Budget Impact				0		0				
<b>Year Identified</b>		<b>Start Date</b>		<b>Project Type for 2017</b>				<b>Project Lead</b>				<b>Est. Completion Date</b>				
2016		January 1, 2016		Growth: 0.0 % Maintenance: 0.0 %				Angela Marazita				2021				



# Project Version Summary

<b>Project #</b>	OPS-022-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fleet
<b>Title</b>	Purchase of Additional Fleet Equipment		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	2017 (Active)		

<b>Project Description</b>
Funds are required to cover the cost of fleet additions and upgrades required to maintain service delivery levels. While the capital budget is based on a 5-year plan, fleet requests are provided on an annual basis, therefore, submissions will be made each year based on user requirements.
All requests are subject to review by the Fleet Review Committee.

<b>Version Description</b>
2017: Add 1 minivan for Building Department Add 1 tractor for Parks Add 1 Sweeper for Parks Upgrade 1 manulift telehandler for Parks Upgrade 1 pickup for Pollution Control Upgrade 1 pickup for Traffic
2019: Add 1 bus for Huron Lodge

<b>Project Comments/Reference</b>
See Document Attached (Closed: 7065024/7096002/7111020/7121008/7131113/7141003) Active: 7151010/7161035

<b>Version Comments</b>
Operating Budget Issue #2017-0325, if accepted by Council, pre-commits funding in 2018 as a first charge to the Capital Budget.

<b>Project Forecast</b>		<b>Revenue</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2017	145,000	145,000	0
2018	0	0	0
2019	0	0	0
2020	0	0	0
2021	0	0	0
2022+	655,000	655,000	0
	<b>800,000</b>	<b>800,000</b>	<b>0</b>

<b>Project Detailed Forecast</b>							
<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Expenses</b>							
5110 Machinery & Equipment - TCA	145,000	0	0	0	0	655,000	800,000
<b>Total</b>	<b>145,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>655,000</b>	<b>800,000</b>
<b>Revenues</b>							
128 Dev Chg - PW/Build/Equip/Fleet	145,000	0	0	0	0	0	145,000
169 Pay As You Go - Capital Reserve	0	0	0	0	0	655,000	655,000
<b>Total</b>	<b>145,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>655,000</b>	<b>800,000</b>

<b>Historical Approved Budget</b>		<b>Revenue</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2009	255,000	255,000	0
2011	154,000	154,000	0
2012	60,000	60,000	0
2013	25,000	25,000	0
2014	125,000	125,000	0
2015	155,500	155,500	0
2016	40,000	40,000	0

Related Projects			Operating Budget Impact	
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date
2007	January 1, 2016	Growth: 100.0 % Maintenance: 0.0 %	Angela Marazita	Ongoing
			Effective Date	Description
			Unknown	Increased operating budgets related to maintenance, parts, fuel, etc. required when equipment is added to the fleet. Magnitude of additional costs dependent upon type of equipment being added.
			Exp/(Rev)	FTE Impact
			0	0

Referred by the Fleet Review Committee to the Capital Budget Review Committee

August 2016

**Fleet Additions & Upgrades Budget Summary**

Item	Department/ Division	Fleet Area	Equipment Request	Request Type	Background Information	Estimated Purchase Price				
						2017	2018	2019	2020	2021
1	Building	Corporate	1 Minivan	Addition	During the 2016 budget process, one Building Inspector and vehicle were approved (2016-0310). This unit is required for the new permanent Building Inspector to carry out his job duties.	\$ 25,000				
2	Parks	Corporate	3 Crew Cab Pickups	Addition	During the 2016 budget process, 5 FTE and 3 vehicles were approved (2016-0408). Three units are required for these employees to maintain the E.C. Row Expressway, ditches and vacant lots.	\$ 120,000				
<b>Total Fleet Additions/Upgrades</b>						<b>\$ 145,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Rounded</b>						<b>\$ 145,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Notes:

1. All requests must be reviewed by the Fleet Review Committee prior to being submitted as a capital budget request.
2. Estimated Purchase Price represents purchase price and capitalization costs.



# Project Version Summary

<b>Project #</b>	OPS-001-10	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>	Unassigned	<b>Division</b>	Traffic Ops, Parking & Trans. Planning
<b>Title</b>	Traffic Signal LED Replacement Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
The useful life of the LEDs ranges from 7 – 10 years. At the time of purchase, LEDs have a 5-year warranty on lumen output, and will be replaced free of charge if they fall below acceptable lumen levels or have any type of failure within the warranty period. The brightness of the LEDs older than 5-years is monitored regularly for re-prioritization in the LED replacement plan. Visual inspection will be undertaken to prioritize the locations requiring LED replacement annually.				Full conversion of LED signal heads was completed in late 2013/early 2014. Replacement of LEDs that have reached the end of their useful life cycle has commenced on Huron Church Road and will continue on this arterial until completed. We will then continue on with the prior list which is based on life cycle of LEDs currently installed.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7109004																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>														
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>					
2017	0	0	0	<b>Expenses</b>												
2018	0	0	0	5410	Construction Contracts - TCA											
2019	350,000	350,000	0		0	0	350,000	450,000	200,000	400,000	1,400,000					
2020	450,000	450,000	0		Total											
2021	200,000	200,000	0													
2022+	400,000	400,000	0	<b>Revenues</b>												
	<b>1,400,000</b>	<b>1,400,000</b>	<b>0</b>	169	Pay As You Go - Capital Reserve											
					0	0	350,000	450,000	200,000	400,000	1,400,000					
					Total											
					0	0	350,000	450,000	200,000	400,000	1,400,000					
<b>Historical Approved Budget</b>																
		<b>Revenue</b>														
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>													
2010	50,000	50,000	0													
2011	50,000	50,000	0													
2012	50,000	50,000	0													
2013	50,000	50,000	0													
2014	50,000	50,000	0													
2015	50,000	50,000	0													
2016	50,000	50,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>		<b>Description</b>		<b>Exp/(Rev)</b>		<b>FTE Impact</b>						
				Unknown		Upgraded equipment will yield lower maintenance costs.		0		0						
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>								
2010	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %		John Wolf				Ongoing								



# Project Version Summary

<b>Project #</b>	OPS-001-13	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>	Unassigned	<b>Division</b>	Traffic Ops, Parking & Trans. Planning
<b>Title</b>	Parking Equipment Replacement Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	Ward 2, Ward 3, Ward 4		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>									
There are several pieces of equipment used in the day to day operations for the On/Off Street Parking Division that require upgrading/replacement over the next several years due to age and new payment technologies.				An annual allotment of funds is identified for replacement of equipment each year. Equipment being replaced includes parking meters, exit gates, entrance gates, pay stations, pay & display machines. Replacements could be a result of upgrading of technology and / or replacement due age or repair requirements.									
<b>Project Comments/Reference</b>				<b>Version Comments</b>									
7135001													
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>									
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>		
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<b>Expenses</b>									
2017	62,000	62,000	0	5110	Machinery & Equipment - TCA								
2018	80,000	80,000	0		62,000	80,000	100,000	100,000	100,000	400,000	842,000		
2019	100,000	100,000	0		Total								
2020	100,000	100,000	0		62,000	80,000	100,000	100,000	100,000	400,000	842,000		
2021	100,000	100,000	0	<b>Revenues</b>									
2022+	400,000	400,000	0	138	Off Street Parking								
	<b>842,000</b>	<b>842,000</b>	<b>0</b>		62,000	80,000	100,000	100,000	100,000	400,000	842,000		
<b>Historical Approved Budget</b>													
		<b>Revenue</b>											
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>										
2013	106,000	106,000	0										
2014	92,000	92,000	0										
2015	72,000	72,000	0										
2016	62,000	62,000	0										
<b>Related Projects</b>				<b>Operating Budget Impact</b>									
				<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>						
				Unknown	Equipment replacements will likely result in decreased operating costs related to maintenance	0	0						
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>					
2013	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %		John Wolf				Ongoing					



# Project Version Summary

<b>Project #</b>	OPS-002-09	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>	Unassigned	<b>Division</b>	Traffic Ops, Parking & Trans. Planning
<b>Title</b>	Video Detection Infrastructure & Equipment Upgrade/Replacement Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
<p>Signalized systems are designed to provide coordination, reduce stops and delays and provide green times based on vehicle demand and adapt to ever-changing traffic conditions. Properly operating traffic signal systems provide significant cost savings to the motoring public by reducing stops and delays which results in increased fuel mileage, reduced maintenance costs, accidents and travel times. These improvements are very visible to the public. Less than optimal operation is often a source of driver frustration, leads to increased congestion and reduced roadway operation.</p> <p>Vehicle detection is the critical component needed to provide optimal traffic signal operation and obtain the benefits noted. After the enhanced capital budget of 2013 is fully implemented, there will be approximately 156 intersections operating on video detection with approximately 130 signalized intersections still to be converted.</p>				<p>This project would provide for Video Detection implementation and the associated infrastructure improvements required for its implementation. Historically, vehicle detection systems are embedded into road surfaces. Due to weather conditions (freeze-thaw cycles), vehicle wear and tear and roadway deterioration, the traditional vehicle detectors fail after 5 years of operations and much more quickly once road surfaces start to fracture. Video Detection Systems have progressed over the last five years, providing a reliable vehicle detection system which is not impacted by road conditions, weather or other external factors. Video detection is a prerequisite to the implementation of adaptive signal operation modules and strategies.</p> <p>Project funds in 2017 (\$500,000) have been approved as a placeholder in the Enhanced 2013 Capital Budget (B26-2013) to fund additional video detection equipment and further approved by CR158/2013 therefore pre-committing those funds. The funds will be used for installation of video detection on arterial and collector roads not completed. These include Riverside, University, Dominion, Cabana, Seminole, and McDougall.</p>											
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
7132014															
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		<b>Revenue</b>													
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>				
2017	500,000	500,000	0	5410											
2018	0	0	0		500,000	0	500,000	400,000	400,000	0	1,800,000				
2019	500,000	500,000	0	Total	500,000	0	500,000	400,000	400,000	0	1,800,000				
2020	400,000	400,000	0	<b>Revenues</b>											
2021	400,000	400,000	0	169											
2022+	0	0	0		500,000	0	500,000	400,000	400,000	0	1,800,000				
<b>1,800,000</b>		<b>1,800,000</b>		Total	500,000	0	500,000	400,000	400,000	0	1,800,000				
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>											
<b>Related Projects</b>				<b>Effective Date</b>		<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>			
				Unknown		Addition of equipment will increase maintenance operating costs. Increased costs will be offset with decreased costs related to the number of service calls and investigation related to complaints due to the automation and upgrades. Net affect on operating is unknown at this time.					0	0			
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>							
2009	January 1, 2017	Growth: 100.0 % Maintenance: 0.0 %		John Wolf				Ongoing							





# Project Version Summary

<b>Project #</b>	OPS-003-11	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>	Unassigned	<b>Division</b>	Traffic Ops, Parking & Trans. Planning
<b>Title</b>	Parking Enforcement Handheld Unit Replacement Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>								
Replacement of the handheld units used by the Parking Enforcement Division need to be purchased. The contractor officers use the handhelds to write tickets and generate parking enforcement data, which the City then uses to collect the funds. The data is the City's property and the handhelds that generate that data were always intended to remain the property of the City, as per Council report and business case CR292/2010, Report #14806. The City and the contractor providing Parking Enforcement services require 16 units, which are expected to reach the end of their useful life in approximately 2020.				The life expectancy of the units is in the order of 6-8 years at which time the units are to be replaced. Older units operate less efficiently, process tickets slower, and are prone to issuing incorrect tickets as buttons become worn or stick. Prior to the initial purchase of these handheld units in 2012, an average of \$450,000 in annual revenues were lost due to cancelled or reduced tickets. These lost revenues have dropped to \$205,000 for 2013, \$100,000 for 2014, and \$38,000 for 2015 as of June 30th, due in large part to these handhelds and the photos which are taken by these handheld ticket writers. Handheld unit replacement should occur in 2020+.								
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
(Closed: 7121010)												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>								
2017	0	0	0	5125	Computers - PCs							
2018	0	0	0		0	0	0	0	175,000	0	175,000	
2019	0	0	0									
2020	0	0	0									
2021	175,000	175,000	0									
2022+	0	0	0									
	<b>175,000</b>	<b>175,000</b>	<b>0</b>									
<b>Historical Approved Budget</b>				<b>Revenues</b>								
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	169	Pay As You Go - Capital Reserve							
2012	151,200	151,200	0		0	0	0	0	175,000	0	175,000	
					0	0	0	0	175,000	0	175,000	
<b>Related Projects</b>				<b>Operating Budget Impact</b>								
				<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>					
				Unknown	Equipment replacement would result in decreased maintenance costs during warranty period only, after which there would be no operating impact	0	0					
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>				
2011	January 1, 2021	Growth: 0.0 % Maintenance: 0.0 %		John Wolf				2021				



# Project Version Summary

<b>Project #</b>	OPS-003-14	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>	Unassigned	<b>Division</b>	Traffic Ops, Parking & Trans. Planning
<b>Title</b>	University Avenue Environmental Assessment Placeholder		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	Ward 2, Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>			<b>Version Description</b>								
As per the 2014 Enhanced Capital Plan, Council approved in principle funds from the 2018 Debt Reduction Levy for an environmental assessment that will be undertaken to create an attractive complete streets corridor by identifying the preferred alternative to reallocate any identified surplus vehicle capacity and optimize the design of the right-of-way. Implementation will be initiated with the balance of the funding.			As per CR89/2014, Report #17088, Council approved the University Avenue Complete Street project.								
<b>Project Comments/Reference</b>			<b>Version Comments</b>								
7144008											
<b>Project Forecast</b>			<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5410	Construction Contracts - TCA						
2018	5,000,000	5,000,000	0		0	5,000,000	0	0	0	0	5,000,000
2019	0	0	0	Total	0	5,000,000	0	0	0	0	5,000,000
2020	0	0	0	<b>Revenues</b>							
2021	0	0	0	169	Pay As You Go - Capital Reserve						
2022+	0	0	0		0	5,000,000	0	0	0	0	5,000,000
	<b>5,000,000</b>	<b>5,000,000</b>	<b>0</b>	Total	0	5,000,000	0	0	0	0	5,000,000
<b>Historical Approved Budget</b>											
<b>Related Projects</b>			<b>Operating Budget Impact</b>								
			<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>					
			Unknown	The results of the ESR could influence the on-going operating expenses	0	0			0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>				<b>Est. Completion Date</b>				
2014	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %	Josette Eugeni				2018				



# Project Version Summary

<b>Project #</b>	OPS-003-16	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>	Unassigned	<b>Division</b>	Traffic Ops, Parking & Trans. Planning
<b>Title</b>	Accessibility - Audible Pedestrian Signals Implementation (AODA)		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
On January 1, 2016 ODA legislation requires the installation of audible pedestrian signals under three scenarios, 1) at new traffic signals, 2) at signals which are being upgraded and 3) at locations where more than 50% of pedestrian heads are being replaced. The budget for new and upgraded signals are included in the appropriate new capital program 7045076 - New Signals & Signal Systems Improvements however, there is no budget allocation for those locations under scenario 3. The cost to implement audible pedestrian signals for an all directional crossing (4 crosswalks at the intersection) is approximately \$9,000.				Funds will be used to install audible signals at intersections where they are required.							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
7045076				Note that it is being recommended that this request be presented to the ODA committee and if approved funded from capital project 7086008 - Accessibility-ODA Requirements.							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5410	Construction Contracts - TCA						
2018	0	0	0		0	0	0	0	0	205,000	205,000
2019	0	0	0								
2020	0	0	0								
2021	0	0	0								
2022+	205,000	205,000	0								
	<b>205,000</b>	<b>205,000</b>	<b>0</b>								
<b>Historical Approved Budget</b>				<b>Revenues</b>							
<b>Related Projects</b>				169 Pay As You Go - Capital Reserve							
					0	0	0	0	0	205,000	205,000
					0	0	0	0	0	205,000	205,000
				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>
				2017-01-01	Annual Maintenance re budget issue 2017-0042					0	0
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2016	January 1, 2016	Growth: 0.0 % Maintenance: 0.0 %		John Wolf				Ongoing			



# Project Version Summary

<b>Project #</b>	OPS-007-16	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>	Unassigned	<b>Division</b>	Traffic Ops, Parking & Trans. Planning
<b>Title</b>	Cabana Rd. Pavement Markings		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	Ward 1, Ward 9		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
CR92/2015 approves Traffic Operations to include ongoing capital requirements for the maintenance of specialty pavement markings of approximately \$110,000 every 5 years until full implementation of the Cabana/Division Road Corridor Environmental Study Report cross section.				Cycling facilities on Cabana Road from Northway Avenue to Walker Road							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5410 Construction Contracts - TCA				110,000	0	0	110,000
2018	0	0	0		0	0	0	110,000	0	0	110,000
2019	0	0	0	<b>Total</b>	0	0	0	110,000	0	0	110,000
2020	110,000	110,000	0	<b>Revenues</b>							
2021	0	0	0	169 Pay As You Go - Capital Reserve				110,000	0	0	110,000
2022+	0	0	0	<b>Total</b>	0	0	0	110,000	0	0	110,000
	<b>110,000</b>	<b>110,000</b>	<b>0</b>								
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	No Operating Budget Impact				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2016	January 1, 2020	Growth: 0.0 % Maintenance: 0.0 %		John Wolf				Every 5 Years			



# Project Version Summary

<b>Project #</b>	OPS-009-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>	Unassigned	<b>Division</b>	Traffic Ops, Parking & Trans. Planning
<b>Title</b>	Transportation Planning Environmental Study Reports (ESRs)		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
Ongoing allocation to provide funds for Environmental Study Reports (ESR) as approved by CR148/2001. Prioritized list for ESRs are:				ESRs typically extend beyond one year in duration (range from \$70,000 - \$500,000 per study). The proposed annual budget is insufficient to tackle a single typical ESR in one year and budgets are accumulated in order to initiate a project. The 2016 Tecumseh Road West EA from Janette Street to West of the ETR is expected to overlap into 2017.  2017-2018: E.C. Row Expressway 2018: Wyandotte Street East extension (Jarvis to Banwell) 2019: Active Transportation Master Plan, Ojibway Parkway (E.C. Row Expressway to Morton Drive) 2020: Lauzon Road (Tecumseh Road East to Forest Glade Drive) 2021+: Transportation Master Plan, Truck Route Stude, Central (Tecumseh to E.C. Row), Jefferson (Rose to Airport Lands)							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
7086010											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	100,000	100,000	0	2950	Other Prof Services-External						
2018	0	0	0		100,000	0	100,000	100,000	100,000	900,000	1,300,000
2019	100,000	100,000	0		<hr/>						
2020	100,000	100,000	0		Total	100,000	0	100,000	100,000	900,000	1,300,000
2021	100,000	100,000	0	<b>Revenues</b>							
2022+	900,000	900,000	0	169	Pay As You Go - Capital Reserve						
	<b>1,300,000</b>	<b>1,300,000</b>	<b>0</b>		100,000	0	100,000	100,000	100,000	900,000	1,300,000
					<hr/>						
					Total	100,000	0	100,000	100,000	900,000	1,300,000
<b>Historical Approved Budget</b>											
		<b>Revenue</b>									
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>								
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								

Related Projects			Operating Budget Impact	
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date
2007	January 2, 2015	Growth: 25.0 % Maintenance: 75.0 %	Josette Eugeni	Ongoing
			Effective Date	Description
			Unknown	The results of the ESRs could influence the operating expenses for the related capital projects.
			Exp/(Rev)	FTE Impact
			0	0



# Project Version Summary

<b>Project #</b>	OPS-010-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>	Unassigned	<b>Division</b>	Traffic Ops, Parking & Trans. Planning
<b>Title</b>	Advanced Traffic Management System (ATMS) - Capital Software/Hardware Upgrades		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>
Council approved upgrading of the ATMS system via CR636/2002 implementing a staged approach to traffic signal system upgrades. Stage 2 was approved by CR359/2005 to commence the workstation interface. CR711/2010 approved the pilot project for implementation of the 2070 controller and D4 firmware, communications system upgrade to ethernet from serial communications, system components to facilitate/integrate the 2070 and ethernet communication systems. Successful implementation of the pilot project made the 2070 the standard controller. This project will be ongoing.

<b>Version Description</b>
The requested funds will be used for continued upgrading and addition of enhancements to the KITS/ATMS and continued upgrading of traffic controller equipment to the 2070 controller. This also includes upgrading the communication system to Ethernet from serial via fiber, VDSC, and broadband, replacement of central system hardware, implementation of central system modules, continued upgrade of KITS/ATMS enhanced operational functionalities (\$220K), VIVDS integration packages (\$200K), VideoXpert integration (\$40K), travel time monitoring (\$75K), adaptive traffic (\$600K) and other features, continued CCTV camera expansion, and installation of ITS components associated with the system.

<b>Project Comments/Reference</b>
7003326

<b>Version Comments</b>

<b>Project Forecast</b>		<b>Revenue</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2017	200,000	200,000	0
2018	600,000	600,000	0
2019	600,000	600,000	0
2020	600,000	600,000	0
2021	600,000	600,000	0
2022+	3,400,000	3,400,000	0
	<b>6,000,000</b>	<b>6,000,000</b>	<b>0</b>

<b>Project Detailed Forecast</b>		<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>GL Account</b>								
<b>Expenses</b>								
5410	Construction Contracts - TCA							
		200,000	600,000	600,000	600,000	600,000	3,400,000	6,000,000
	<b>Total</b>	<b>200,000</b>	<b>600,000</b>	<b>600,000</b>	<b>600,000</b>	<b>600,000</b>	<b>3,400,000</b>	<b>6,000,000</b>
<b>Revenues</b>								
176	Federal Gas Tax Rebate							
		200,000	600,000	600,000	600,000	600,000	3,400,000	6,000,000
	<b>Total</b>	<b>200,000</b>	<b>600,000</b>	<b>600,000</b>	<b>600,000</b>	<b>600,000</b>	<b>3,400,000</b>	<b>6,000,000</b>

<b>Historical Approved Budget</b>		<b>Revenue</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2007	200,000	200,000	0
2008	200,000	200,000	0
2009	200,000	200,000	0
2010	200,000	200,000	0
2011	200,000	200,000	0
2012	200,000	200,000	0
2013	100,000	100,000	0
2015	250,000	250,000	0
2016	200,000	200,000	0

Related Projects			Operating Budget Impact	
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date
2007	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	John Wolf	Ongoing
			Effective Date	Description
			Unknown	Minimal decreases and/or increases in operating costs depending on work undertaken
			Exp/(Rev)	FTE Impact
			0	0





## Project Version Summary

<b>Project #</b>	OPS-012-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>	Unassigned	<b>Division</b>	Traffic Ops, Parking & Trans. Planning
<b>Title</b>	Traffic Signals - Capital Upgrades and Replacements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<p><b>Project Description</b></p> <p>This project covers new and existing signals, pedestrian signals, and signal system upgrades required to ensure a safe operating system for the user. There are 287 existing signalized intersections and the average life cycle of a signalized intersection is 20 years. Currently, there are 36 signalized intersections 30 years old or older, and an additional 94 intersections that are 20 years old or older. All of these intersections are on the waiting list for upgrades at this time. The average material cost ranges from \$45,000 to \$55,000 and the average civil construction related costs average \$40,000 to \$70,000; therefore, an average of \$85,000 - \$125,000 per upgrade is required. In 2017, 142 signalized intersections will need to be upgraded to ensure all signalized intersections are within the 20 year life cycle. Afterwards, an average of 15 signals per year will need to be upgraded to meet the scheduled replacements. At a minimum, controller cabinets and devices should be replaced in this lifecycle.</p>	<p><b>Version Description</b></p> <p>In 2017, funds will be used for upgrading local intersection above ground equipment, including controller cabinets and devices (\$10,000 per location on average), poles, mastarms, etc., as well as underground plant and infrastructure. When sufficient funds become available, intersection upgrades will also be completed.</p> <p>Jefferson and Wyandotte will be a priority in 2017 as the conduit system is antiquated, manhole and pole replacement is required.</p>
<p><b>Project Comments/Reference</b></p> <p>7045076 See Document Attached</p>	<p><b>Version Comments</b></p>

Project Forecast				Project Detailed Forecast							
		Revenue		GL Account	2017	2018	2019	2020	2021	2022+	Total
Year	Total Expense	Net City Cost	Subsidies	Expenses							
2017	300,000	300,000	0	5410	Construction Contracts - TCA						
2018	200,000	200,000	0		300,000	200,000	200,000	300,000	300,000	1,200,000	2,500,000
2019	200,000	200,000	0		Total						
2020	300,000	300,000	0		300,000	200,000	200,000	300,000	300,000	1,200,000	2,500,000
2021	300,000	300,000	0	Revenues							
2022+	1,200,000	1,200,000	0	169	Pay As You Go - Capital Reserve						
	<b>2,500,000</b>	<b>2,500,000</b>	<b>0</b>		100,000	0	200,000	100,000	100,000	400,000	900,000
Historical Approved Budget											
Year	Total Expense	Net City Cost	Subsidies	176	Federal Gas Tax Rebate						
2007	200,000	200,000	0		200,000	200,000	0	200,000	200,000	800,000	1,600,000
2008	200,000	200,000	0		Total						
2009	300,000	300,000	0		300,000	200,000	200,000	300,000	300,000	1,200,000	2,500,000
2010	300,000	300,000	0	Operating Budget Impact							
2011	200,000	200,000	0	Effective Date	Description	Exp/(Rev)	FTE Impact				
2012	100,000	100,000	0	Unknown	Upgraded equipment will yield lower maintenance costs.	0	0	Related Projects			
2013	100,000	100,000	0	Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date			
2014	100,000	100,000	0	2007	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	John Wolf	Ongoing			
2015	150,000	150,000	0								
2016	300,000	300,000	0								

**Project Attachment  
For: 2017**

Project # OPS-012-07

Project Name: Traffic Signals Improvements

No.	INTERSECTION	LAST UPGRADE	UPGRADE DUE	AGE	YEARS LEFT IN LIFE CYCLE (negative number indicates years past the useful life cycle)
1	BROCK & SANDWICH	1970	1990	47	-27
2	KILDARE & SENECA	1978	1998	39	-19
3	CALIFORNIA & TECUMSEH	1980	2000	37	-17
4	CANTELON & LAUZON PKWY	1980	2000	37	-17
5	CENTRAL & E.C. ROW (N)	1980	2000	37	-17
6	CENTRAL & E.C. ROW (S)	1980	2000	37	-17
7	DOMINION & E.C. ROW (N)	1980	2000	37	-17
8	DOMINION & E.C. ROW (S)	1980	2000	37	-17
9	ESSEX WAY & LAUZON PKWY	1980	2000	37	-17
10	FOREST GLADE & LAUZON PKWY	1980	2000	37	-17
11	HAWTHORNE & LAUZON PKWY	1980	2000	37	-17
12	RICHMOND & WALKER	1980	2000	37	-17
13	ELLIOTT & OUELLETTE	1983	2003	34	-14
14	OUELLETTE & WYANDOTTE	1983	2003	34	-14
15	CAMPBELL & TECUMSEH	1984	2004	33	-13
16	CRAWFORD & WYANDOTTE	1984	2004	33	-13
17	DIVISION & HOWARD	1984	2004	33	-13
18	ELLIOTT & GOYEAU	1984	2004	33	-13
19	SUNSET & UNIVERSITY	1984	2004	33	-13
20	BRUCE & UNIVERSITY	1985	2005	32	-12
21	CHATHAM & GOYEAU	1985	2005	32	-12
22	DOMINION & GRAND MARAIS	1985	2005	32	-12
23	FOREST GLADE & TECUMSEH	1985	2005	32	-12
24	GEORGE & WYANDOTTE	1985	2005	32	-12
25	GOYEAU & UNIVERSITY	1985	2005	32	-12
26	HOWARD & ROUNDHOUSE	1985	2005	32	-12
27	JEFFERSON & WYANDOTTE	1985	2005	32	-12
28	CENTRAL & TECUMSEH	1986	2006	31	-11
29	DOUGALL & TECUMSEH	1986	2006	31	-11
30	HALL & TECUMSEH	1986	2006	31	-11
31	HURON CHURCH & MALDEN	1986	2006	31	-11
32	JEFFERSON & ROSE	1986	2006	31	-11
33	KILDARE & OTTAWA	1986	2006	31	-11
34	KILDARE & TECUMSEH	1986	2006	31	-11
35	LINCOLN & TECUMSEH	1986	2006	31	-11
36	OTTAWA & PARENT	1986	2006	31	-11
37	CRAWFORD & UNIVERSITY	1987	2007	30	-10
38	DORCHESTER & HURON CHURCH	1987	2007	30	-10
39	DOUGALL & EUGENIE	1987	2007	30	-10

No.	INTERSECTION	LAST UPGRADE	UPGRADE DUE	AGE	YEARS LEFT IN LIFE CYCLE (negative number indicates years past the useful life cycle)
40	DOUGALL & SUPERCENTER	1987	2007	30	-10
41	ERIE & OUELLETTE	1987	2007	30	-10
42	GILES & OUELLETTE	1987	2007	30	-10
43	GOYEAU & TUSCARORA	1987	2007	30	-10
44	MCDUGALL & SHEPHERD	1987	2007	30	-10
45	MELDRUM & TECUMSEH	1987	2007	30	-10
46	MILL & SANDWICH	1987	2007	30	-10
47	OTTAWA & WALKER	1987	2007	30	-10
48	PARENT & TECUMSEH	1987	2007	30	-10
49	BERNARD & TECUMSEH	1988	2008	29	-9
50	CALIFORNIA & COLLEGE	1988	2008	29	-9
51	EUGENIE & OUELLETTE	1988	2008	29	-9
52	FORD & TECUMSEH	1988	2008	29	-9
53	GEORGE & TECUMSEH	1988	2008	29	-9
54	JOS. ST. LOUIS & TECUMSEH	1988	2008	29	-9
55	PILLETTE & WYANDOTTE	1988	2008	29	-9
56	PRINCESS & TECUMSEH	1988	2008	29	-9
57	RIVARD & TECUMSEH	1988	2008	29	-9
58	SEMINOLE & WALKER	1988	2008	29	-9
59	SENECA & WALKER	1988	2008	29	-9
60	AYLMER & WYANDOTTE	1989	2009	28	-8
61	FOREST GLADE & LAUZON	1989	2009	28	-8
62	FOREST GLADE & WILDWOOD	1989	2009	28	-8
63	GLENGARRY & WYANDOTTE	1989	2009	28	-8
64	GOYEAU & PITT	1989	2009	28	-8
65	GOYEAU & RIVERSIDE	1989	2009	28	-8
66	GRAND MARAIS & HOWARD	1989	2009	28	-8
67	HALL & WYANDOTTE	1989	2009	28	-8
68	HURON CHURCH & NORTHWOOD	1989	2009	28	-8
69	HURON CHURCH & TOTTEN	1989	2009	28	-8
70	PARENT & WYANDOTTE	1989	2009	28	-8
71	TECUMSEH & WESTMINSTER	1989	2009	28	-8
72	BRUCE & WYANDOTTE	1990	2010	27	-7
73	COUNTY RD 42 @ COUNTY RD 17	1990	2010	27	-7
74	COUNTY RD 42 @ LAUZON PKWY	1990	2010	27	-7
75	E.C. ROW @ BANWELL	1990	2010	27	-7
76	EUGENIE & MCDUGALL	1990	2010	27	-7
77	JANETTE & WYANDOTTE	1990	2010	27	-7
78	PATRICIA & WYANDOTTE	1990	2010	27	-7

**Project Attachment  
For: 2017**

Project # OPS-012-07

Project Name: Traffic Signals Improvements

No.	INTERSECTION	LAST UPGRADE	UPGRADE DUE	AGE	YEARS LEFT IN LIFE CYCLE (negative number indicates years past the useful life cycle)
79	PELISSIER & WYANDOTTE	1990	2010	27	-7
80	SUNSET & WYANDOTTE W	1990	2010	27	-7
81	UNIVERSITY & VICTORIA	1990	2010	27	-7
82	DOUGALL & NOTTINGHAM	1991	2011	26	-6
83	HURON CHURCH & UNIVERSITY	1991	2011	26	-6
84	WINDSOR & WYANDOTTE	1991	2011	26	-6
85	CENTRAL & SEMINOLE	1992	2012	25	-5
86	CHURCH & UNIVERSITY	1992	2012	25	-5
87	DOUGALL & NORFOLK	1992	2012	25	-5
88	DOUGALL & WEST GRAND	1992	2012	25	-5
89	DROUILLARD & SEMINOLE	1992	2012	25	-5
90	GEORGE & SEMINOLE	1992	2012	25	-5
91	HURON CHURCH & WYANDOTTE	1992	2012	25	-5
92	PILLETTE & SEMINOLE	1992	2012	25	-5
93	VICTORIA & WYANDOTTE	1992	2012	25	-5
94	DROUILLARD & RIVERSIDE	1993	2013	24	-4
95	ELLIOTT & MCDOUGALL	1993	2013	24	-4
96	ELLIS & OUELLETTE	1993	2013	24	-4
97	GIRARDOT & HURON CHURCH	1993	2013	24	-4
98	HURON CHURCH & TECUMSEH	1993	2013	24	-4
99	NORTHWAY & TECUMSEH	1993	2013	24	-4
100	WELLINGTON & WYANDOTTE	1993	2013	24	-4
101	AYLMER & RIVERSIDE	1994	2014	23	-3
102	BRUCE & RIVERSIDE	1994	2014	23	-3
103	CHRYSLER CENTRE & GATE 6	1994	2014	23	-3
104	CHURCH & RIVERSIDE	1994	2014	23	-3
105	COLLEGE & HURON CHURCH	1994	2014	23	-3
106	ERIE & GOYEAU	1994	2014	23	-3
107	GILES & GOYEAU	1994	2014	23	-3
108	GILES & MCDOUGALL	1994	2014	23	-3
109	GILES & PARENT	1994	2014	23	-3
110	GLENGARRY & RIVERSIDE	1994	2014	23	-3
111	OUELLETTE & SHEPHERD	1994	2014	23	-3
112	WATSON & WYANDOTTE	1994	2014	23	-3
113	CAMPBELL & GROVE	1995	2015	22	-2
114	CHRYSLER CENTRE & GATE 5	1995	2015	22	-2
115	EDINBOROUGH & HOWARD	1995	2015	22	-2
116	ERIE & MCDOUGALL	1995	2015	22	-2
117	ERIE & VICTORIA	1995	2015	22	-2

No.	INTERSECTION	LAST UPGRADE	UPGRADE DUE	AGE	YEARS LEFT IN LIFE CYCLE (negative number indicates years past the useful life cycle)
118	GOYEAU & WYANDOTTE	1995	2015	22	-2
119	STRABANE & WYANDOTTE	1995	2015	22	-2
120	CENTRAL & TEMPLE	1996	2016	21	-1
121	CHRYSLER CENTRE & GATE 2	1996	2016	21	-1
122	DIVISION & SYDNEY	1996	2016	21	-1
123	GOYEAU & PARK	1996	2016	21	-1
124	HIRAM WALKERS & RIVERSIDE	1996	2016	21	-1
125	JEFFERSON & RAYMOND	1996	2016	21	-1
126	MCDOUGALL & HOWARD	1996	2016	21	-1
127	MCKAY & UNIVERSITY	1996	2016	21	-1
128	MONTREIUL & RIVERSIDE	1996	2016	21	-1
129	PARK & VICTORIA	1996	2016	21	-1
130	ST. LOUIS & WYANDOTTE	1996	2016	21	-1
131	CHATHAM & GLENGARRY	1997	2017	20	0
132	CURRY & WYANDOTTE	1997	2017	20	0
133	DOMINION & LABELLE	1997	2017	20	0
134	EUGENIE & HOWARD	1997	2017	20	0
135	FLORENCE & RIVERSIDE	1997	2017	20	0
136	GLENGARRY & UNIVERSITY	1997	2017	20	0
137	HOWARD & COUNTRY CLUB/LAKE TRAIL	1997	2017	20	0
138	HOWARD & TECUMSEH	1997	2017	20	0
139	LAUZON & RIVERSIDE	1997	2017	20	0
140	PILLETTE & RIVERSIDE	1997	2017	20	0
141	RIVERSIDE & WALKER	1997	2017	20	0
142	THOMPSON & WYANDOTTE	1997	2017	20	0
143	AYLMER & CHATHAM	1998	2018	19	1
144	AYLMER & UNIVERSITY	1998	2018	19	1
145	CABANA & DOMINION	1998	2018	19	1
146	CABANA & DOUGALL	1998	2018	19	1
147	CABANA & GLENWOOD	1998	2018	19	1
148	CENTRAL & DEZIEL	1998	2018	19	1
149	CENTRAL & YPRES	1998	2018	19	1
150	CRAWFORD & COLLEGE	1998	2018	19	1
151	DOMINION & NORTHWOOD	1998	2018	19	1
152	E.C. ROW (N) & HOWARD	1998	2018	19	1
153	E.C. ROW (S) & HOWARD	1998	2018	19	1
154	FLORA & RIVERSIDE	1998	2018	19	1
155	HOWARD & LOGAN	1998	2018	19	1
156	JEFFERSON & QUEEN ELIZABETH	1998	2018	19	1

**Project Attachment  
For: 2017**

**Project # OPS-012-07**

**Project Name: Traffic Signals Improvements**

No.	INTERSECTION	LAST UPGRADE	UPGRADE DUE	AGE	YEARS LEFT IN LIFE CYCLE (negative number indicates years past the useful life cycle)
157	LAUZON PKWY & TWIN OAKS	1998	2018	19	1
158	MCDOUGALL & CITY HALL SQUARE S.	1998	2018	19	1
159	MCDOUGALL & RIVERSIDE	1998	2018	19	1
160	MCDOUGALL & UNIVERSITY	1998	2018	19	1
161	McDOUGALL & WYANDOTTE	1998	2018	19	1
162	PARENT & ELLIS	1998	2018	19	1
163	PROVINCIAL & SIXTH CONC.	1998	2018	19	1
164	RIVERSIDE & STRABANE	1998	2018	19	1
165	ST.ROSE & WYANDOTTE	1998	2018	19	1
166	TECUMSEH & LOEB IGA	1998	2018	19	1
167	VICTORIA & YMCA	1998	2018	19	1
168	ANNIE & TECUMSEH	1999	2019	18	2
169	CRAWFORD & TECUMSEH	1999	2019	18	2
170	CURRY/SOUTH CAMERON & TECUMSEH	1999	2019	18	2
171	DIVISION & MARENTETTE	1999	2019	18	2
172	EASTOWN CTR & TECUMSEH	1999	2019	18	2
173	HURON CHURCH & RIVERSIDE	1999	2019	18	2
174	LAUZON & TECUMSEH	1999	2019	18	2
175	LAUZON & THE MALL	1999	2019	18	2
176	LAUZON PKWY & TECUMSEH	1999	2019	18	2
177	LINCOLN & RIVERSIDE	1999	2019	18	2
178	OJIBWAY & WEAVER	1999	2019	18	2
179	WALKER & ST.JULIEN	1999	2019	18	2
180	WALKER & VIMY	1999	2019	18	2
181	CAMPBELL & COLLEGE	2000	2020	17	3
182	COLLEGE & WELLINGTON	2000	2020	17	3
183	DOUGALL & ROSELAND	2000	2020	17	3
184	DROUILLARD & MILLOY	2000	2020	17	3
185	FORD GATE & SEMINOLE	2000	2020	17	3
186	OUELLETTE & PITT	2000	2020	17	3
187	PARENT & RIVERSIDE	2000	2020	17	3
188	WALKER & YPRES	2000	2020	17	3
189	CAMPBELL & UNIVERSITY	2001	2021	16	4
190	JEFFERSON & QUALITY WAY	2001	2021	16	4
191	LAUZON & TRANBY	2001	2021	16	4
192	LAUZON PKWY & CATHERINE	2001	2021	16	4
193	LAUZON PKWY & LAUZON LINE	2001	2021	16	4
194	LAUZON PKWY & TRANBY	2001	2021	16	4
195	MATCHETTE & PRINCE	2001	2021	16	4

No.	INTERSECTION	LAST UPGRADE	UPGRADE DUE	AGE	YEARS LEFT IN LIFE CYCLE (negative number indicates years past the useful life cycle)
196	PILLETTE & PLYMOUTH	2001	2021	16	4
197	PILLETTE & TECUMSEH	2001	2021	16	4
198	SCULPTURE GARDEN & RIVERSIDE	2001	2021	16	4
199	CURRY @ GRAND MARAIS	2002	2022	15	5
200	DIVISION & WALKER	2002	2022	15	5
201	DROUILLARD & TECUMSEH	2002	2022	15	5
202	FERRY & RIVERSIDE	2002	2022	15	5
203	McDOUGALL & TECUMSEH	2002	2022	15	5
204	OUELLETTE & RIVERSIDE	2002	2022	15	5
205	RAYMO & WYANDOTTE	2002	2022	15	5
206	SEMINOLE & SNAKE LANE	2002	2022	15	5
207	WALKER & CALDERWOOD	2002	2022	15	5
208	BANWELL & TECUMSEH	2003	2023	14	6
209	TECUMSEH & WALKER	2003	2023	14	6
210	WALKER @ CANADA POST	2003	2023	14	6
211	CHRYSLER CTR. & GATE 3	2004	2024	13	7
212	DOUGALL PKWY @ SIXTH CONC	2004	2024	13	7
213	FOSTER & WALKER	2004	2024	13	7
214	MONMOUTH @ OTTAWA	2004	2024	13	7
215	WALKER @ COCO PLAZA	2004	2024	13	7
216	BANWELL & WILDWOOD	2005	2025	12	8
217	CABANA & HOWARD	2005	2025	12	8
218	CENTRAL & GRAND MARAIS	2005	2025	12	8
219	CHRYSLER CENTRE & GRAND MARAIS	2005	2025	12	8
220	CHRYSLER CTR. & GATE 1	2005	2025	12	8
221	GRAND MARAIS & GATE #8	2005	2025	12	8
222	HOWARD & SHEPHERD	2005	2025	12	8
223	JEFFERSON & TECUMSEH	2005	2025	12	8
224	TECUMSEH & CLOVER	2005	2025	12	8
225	BANWELL & MCHUGH/MCNORTON	2006	2026	11	9
226	GILES & HOWARD	2006	2026	11	9
227	HOWARD & OTTAWA	2006	2026	11	9
228	LAUZON & LITTLE RIVER	2006	2026	11	9
229	LAUZON & McHUGH	2006	2026	11	9
230	MILL @ WYANDOTTE	2006	2026	11	9
231	OJIBWAY & SPRUCEWOOD	2006	2026	11	9
232	CHATHAM & OUELLETTE	2007	2027	10	10
233	DROUILLARD & WYANDOTTE	2007	2027	10	10
234	TECUMSEH @ AUTO MALL	2007	2027	10	10

**Project Attachment  
For: 2017**

**Project # OPS-012-07**

**Project Name: Traffic Signals Improvements**

No.	INTERSECTION	LAST UPGRADE	UPGRADE DUE	AGE	YEARS LEFT IN LIFE CYCLE (negative number indicates years past the useful life cycle)
235	CHATHAM & MCDOUGALL	2008	2028	9	11
236	DIVISION AND HOME DEPOT	2008	2028	9	11
237	ERIE & HOWARD	2008	2028	9	11
238	GRAND MARAIS & WALKER	2008	2028	9	11
239	LAUZON & LAUZON LINE	2008	2028	9	11
240	LAUZON & WYANDOTTE	2008	2028	9	11
241	MCDOUGALL & PITT	2008	2028	9	11
242	MCHUGH & WFCU EAST ENTRANCE	2008	2028	9	11
243	MCHUGH & WFCU WEST ENTRANCE	2008	2028	9	11
244	OUELLETTE & UNIVERSITY	2008	2028	9	11
245	WYANDOTTE & RIVERDALE	2008	2028	9	11
246	CLOVER & MCHUGH	2009	2029	8	12
247	DARFIELD & MCHUGH	2009	2029	8	12
248	HOWARD & NORTH TALBOT	2009	2029	8	12
249	MAIDEN LANE & OUELLETTE	2009	2029	8	12
250	PROVINCIAL & LOWE'S	2009	2029	8	12
251	WALKER & DIGBY	2009	2029	8	12
252	WALKER & PARKDALE	2009	2029	8	12
253	CRAWFORD & RIVERSIDE	2010	2030	7	13
254	DOUGALL & E.C. ROW (N)	2010	2030	7	13
255	DOUGALL & E.C. ROW (S)	2010	2030	7	13
256	DUCHARME @ WALKER	2010	2030	7	13
257	EASTPARK & TECUMSEH	2010	2030	7	13
258	HOWARD & MEMORIAL	2010	2030	7	13
259	MONMOUTH & WYANDOTTE	2010	2030	7	13
260	OUELLETTE & PARK	2010	2030	7	13
261	OUELLETTE & TECUMSEH	2010	2030	7	13
262	PARK & PELISSIER	2010	2030	7	13
263	PELLISSIER & UNIVERSITY	2010	2030	7	13
264	PROVINCIAL & WALKER	2010	2030	7	13
265	ROSEVILLE & TECUMSEH	2010	2030	7	13
266	TECUMSEH @ HOME DEPOT	2010	2030	7	13
267	WALKER & HOME DEPOT	2010	2030	7	13
268	WALKER & SEVENTH CONCESSION	2010	2030	7	13
269	WALKER & WYANDOTTE	2010	2030	7	13
270	CABANA & PROVINCIAL	2012	2032	5	15
271	DOMINION & TOTTEN	2012	2032	5	15
272	E.C. ROW (N) & WALKER	2012	2032	5	15
273	E.C. ROW (S) & WALKER	2012	2032	5	15

No.	INTERSECTION	LAST UPGRADE	UPGRADE DUE	AGE	YEARS LEFT IN LIFE CYCLE (negative number indicates years past the useful life cycle)
274	RANDOLPH & WYANDOTTE	2012	2032	5	15
275	RIVERSIDE & RIVERDALE	2012	2032	5	15
276	RIVERSIDE & SOLIDARTITY TOWERS	2012	2032	5	15
277	CALIFORNIA & WYANDOTTE	2013	2033	4	16
278	CAMPBELL & WYANDOTTE	2013	2033	4	16
279	GLADSTONE & OTTAWA	2013	2033	4	16
280	HALL & OTTAWA	2013	2033	4	16
281	LINCOLN & OTTAWA	2013	2033	4	16
282	SYDNEY & WALKER	2013	2033	4	16
283	WALKER & AIRPORT	2013	2033	4	16
284	CALIFORNIA & UNIVERSITY	2014	2034	3	17
285	DEVONSHIRE & WYANDOTTE	2014	2034	3	17
286	GLADSTONE & WYANDOTTE	2014	2034	3	17
287	LINCOLN & WYANDOTTE	2014	2034	3	17



# Project Version Summary

<b>Project #</b>	OPS-014-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>	Unassigned	<b>Division</b>	Traffic Ops, Parking & Trans. Planning
<b>Title</b>	Citywide Bikeway Development Initiatives		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>			
Various locations for bike facility development as approved by B.U.M.P. and CR554/2001. This funding is dedicated to implementing the 4 main components of Cycling Network Development, Cycling Awareness and Education, Cycling-Transit Links and End-of-trip Facilities. Note: Implementation of on-road lanes will depend on schedule of road reconstruction and resurfacing projects.			
<b>Project Comments/Reference</b>			
(Closed: 7086009,7092024-ISF) Active: 7111031			
<b>Project Forecast</b>			
		<b>Revenue</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2017	400,000	400,000	0
2018	500,000	500,000	0
2019	600,000	600,000	0
2020	600,000	600,000	0
2021	600,000	600,000	0
2022+	20,000,000	20,000,000	0
	<b>22,700,000</b>	<b>22,700,000</b>	<b>0</b>
<b>Historical Approved Budget</b>			
		<b>Revenue</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2007	200,000	200,000	0
2008	200,000	200,000	0
2009	200,000	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

<b>Version Description</b>							
Increased capital budgets since 2011 is essential to ensuring cycling facilities are constructed in capital projects by other divisions. Community connections to the Rt. Hon. Herb Gray Parkway 20km trail system will be prioritized in the coming construction seasons.							
<b>Version Comments</b>							
2013 & 2014 Enhanced Capital Budget, the Windsor Loop funds have allocated approximately \$6,800,000 to add bike lanes and sidewalks.							
<b>Project Detailed Forecast</b>							
<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>
<b>Expenses</b>							
5410	Construction Contracts - TCA						
	400,000	500,000	600,000	600,000	600,000	20,000,000	22,700,000
Total	400,000	500,000	600,000	600,000	600,000	20,000,000	22,700,000
<b>Revenues</b>							
160	Capital Expenditure Reserve						
	100,000	500,000	0	0	0	0	600,000
169	Pay As You Go - Capital Reserve						
	300,000	0	600,000	0	0	0	900,000
176	Federal Gas Tax Rebate						
	0	0	0	600,000	600,000	20,000,000	21,200,000
Total	400,000	500,000	600,000	600,000	600,000	20,000,000	22,700,000

Related Projects			Operating Budget Impact	
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date
2007	January 1, 2015	Growth: 100.0 % Maintenance: 0.0 %	Josette Eugeni	Ongoing
			Effective Date	Description
			Unknown	The addition of cycling facilities adds to maintenance requirements related to signage, pavement marking, streetscaping, winter maintenance, etc.
			Exp/(Rev)	FTE Impact
			0	0





# Project Version Summary

<b>Project #</b>	OPS-018-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>	Unassigned	<b>Division</b>	Traffic Ops, Parking & Trans. Planning
<b>Title</b>	Parking Garage Capital Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>
<p>Ongoing municipal parking garages improvements as required. Installation of protective membrane acts as a barrier to protect the concrete from water and salt penetration. Without this membrane, structural repairs will arise due to corrosion. These membranes have a life expectancy of 5-10 years, therefore ongoing project funding is required. Currently, inspections are done annually to determine rehabilitation priorities.</p> <p>There are 6 floors at the Pitt/Goyeau parking garage which have the membrane in place plus the exit spiral. Historically, a \$200,000 allocation would complete 1 floor in the Pitt/Goyeau parking garage or half of the exit spiral. With CPI increases, this amount has now increased to \$250,000.</p> <p>NOTE: THE ON/OFF-STREET PARKING RESERVE IS CURRENTLY IN A DEFICIT POSITION.</p>

<b>Version Description</b>
<p>In 2017 and in future years, the funds will be used for:</p> <ul style="list-style-type: none"> <li>- concrete repairs and membrane replacement on levels 2, 3, 4, 5 of Parking Garage 1 (Goyeau) as well as the entrance ramp</li> <li>- Joint rehabilitation on level 4 of Parking Garage 2 (Pelissier) as well as continued rehabilitation of membrane on level 1</li> <li>- Placement of membrane on the southerly half of level 1 in Parking Garage 3 (1 Riverside) and construction joint replacement on levels 1 and 3</li> </ul> <p>Condition assessment reports will be required in 2017 and are completed every two years. These reports detail the capital works priorities for each garage for the following two years (2017/2018).</p> <p>In the five year timeframe, conversion of lighting in the parking garages to LED should be undertaken and planning for upgrading of the elevators in Parking Garage 1 should be considered as the cost will likely exceed \$500,000. Elevator upgrade is tentatively scheduled in 2021.</p>

<b>Project Comments/Reference</b>
(Closed: 7035075/7121002) 7131114

<b>Version Comments</b>

<b>Project Forecast</b>		<b>Revenue</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2017	300,000	300,000	0
2018	300,000	300,000	0
2019	600,000	600,000	0
2020	600,000	600,000	0
2021	1,100,000	1,100,000	0
2022+	600,000	600,000	0
	<b>3,500,000</b>	<b>3,500,000</b>	<b>0</b>

<b>Project Detailed Forecast</b>								
<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>	
<b>Expenses</b>								
5410	Construction Contracts - TCA							
	300,000	300,000	600,000	600,000	1,100,000	600,000	3,500,000	
	<u>Total</u>	<u>300,000</u>	<u>300,000</u>	<u>600,000</u>	<u>600,000</u>	<u>1,100,000</u>	<u>600,000</u>	<u>3,500,000</u>
<b>Revenues</b>								
138	Off Street Parking							
	300,000	300,000	600,000	600,000	1,100,000	600,000	3,500,000	
169	Pay As You Go - Capital Reserve							
	0	0	0	0	0	0	0	
	<u>Total</u>	<u>300,000</u>	<u>300,000</u>	<u>600,000</u>	<u>600,000</u>	<u>1,100,000</u>	<u>600,000</u>	<u>3,500,000</u>

<b>Historical Approved Budget</b>		<b>Revenue</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
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

Related Projects			Operating Budget Impact	
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date
2007	January 1, 2015	Growth: 0.0 % Maintenance: 100.0 %	John Wolf	Ongoing
			Effective Date	Description
			Unknown	Improvements will likely result in decreased operating costs related to maintenance
			Exp/(Rev)	FTE Impact
			0	0



# Project Version Summary

<b>Project #</b>	OPS-019-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>	Unassigned	<b>Division</b>	Traffic Ops, Parking & Trans. Planning
<b>Title</b>	New Parking Lot Development		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<p>This allocation provides for property acquisition and development for the expansion of the municipal parking program throughout the city where required. This project is to be funded from the Off-Street Parking Reserve Fund once it returns to a surplus position (projected to be 2017).</p> <p>- Per CR499/91, purchase of properties for construction of off-street parking facilities within the Erie St. BIA.</p> <p>- Per CR1203/99, purchase of properties for construction of off-street parking facilities along Wyandotte St. from McDougall to Devonshire.</p> <p>NOTE: THE OFF-STREET PARKING RESERVE IS IN A DEFICIT POSITION.</p>											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
7059127 closed											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5210 Land Acquisition							
2018	0	0	0		0	0	150,000	150,000	150,000	150,000	600,000
2019	150,000	150,000	0	Total	0	0	150,000	150,000	150,000	150,000	600,000
2020	150,000	150,000	0	<b>Revenues</b>							
2021	150,000	150,000	0	138 Off Street Parking							
2022+	150,000	150,000	0		0	0	150,000	150,000	150,000	150,000	600,000
	<b>600,000</b>	<b>600,000</b>	<b>0</b>	169 Pay As You Go - Capital Reserve							
					0	0	0	0	0	0	0
				Total	0	0	150,000	150,000	150,000	150,000	600,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	No Operating Budget Impact			0	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2007	January 1, 2020	Growth: 0.0 % Maintenance: 0.0 %		John Wolf				Ongoing			



# Project Version Summary

<b>Project #</b>	OPS-020-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>	Unassigned	<b>Division</b>	Traffic Ops, Parking & Trans. Planning
<b>Title</b>	Parking Lot Rehabilitation Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
This allocation provides for the rehabilitation of municipal parking lots in the City. An annual expenditure of \$250,000 is recommended. This project is to be funded from the Off-Street Parking Reserve Fund once it returns to a surplus position (projected to be 2017).  NOTE: THE OFF-STREET PARKING RESERVE IS CURRENTLY IN A DEFICIT POSITION.				Per CR1203/99, construction of facilities along Wyandotte Street from McDougall to Devonshire, new lot construction to take place after land is acquired.  Lots 18 and 15 Lots 4-2 and lot 21 or 22											
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
7059014 closed, 7111032 closed															
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		<b>Revenue</b>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>				
2017	0	0	0	<b>Expenses</b>											
2018	0	0	0	5410	Construction Contracts - TCA										
2019	50,000	50,000	0		0	0	50,000	150,000	150,000	350,000	700,000				
2020	150,000	150,000	0	Total	0	0	50,000	150,000	150,000	350,000	700,000				
2021	150,000	150,000	0	<b>Revenues</b>											
2022+	350,000	350,000	0	138	Off Street Parking										
	<b>700,000</b>	<b>700,000</b>	<b>0</b>		0	0	50,000	150,000	150,000	250,000	600,000				
<b>Historical Approved Budget</b>															
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>												
2011	40,000	40,000	0												
<b>Related Projects</b>				<b>Operating Budget Impact</b>											
				<b>Effective Date</b>		<b>Description</b>		<b>Exp/(Rev)</b>		<b>FTE Impact</b>					
				Unknown		Rehabilitation will likely result in decreased operating costs related to maintenance		0		0					
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>							
2007	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		John Wolf				Ongoing							



# Project Version Summary

<b>Project #</b>	OPS-021-07	<b>Service Area</b>	Office of the City Engineer
<b>Budget Year</b>	2017	<b>Department</b>	Public Works Operations
<b>Asset Type</b>	Unassigned	<b>Division</b>	Traffic Ops, Parking & Trans. Planning
<b>Title</b>	Traffic Calming Initiatives		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>									
General ongoing allocation of funds for Traffic Calming initiatives per the Traffic Calming Policy (CR537/2005). On September 21, 2015, Council approved the revised Traffic Calming Policy (M394-2015). Ongoing Capital budget is required including processing requests through the policy process and implementation of prioritized traffic calming plans.				The magnitude of the prioritized traffic calming plans and available funding will dictate the implementation schedule.									
<b>Project Comments/Reference</b>				<b>Version Comments</b>									
7069022													
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>									
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>		
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>									
2017	0	0	0	2950	Other Prof Services-External								
2018	100,000	100,000	0		0	100,000	169,000	106,000	0	235,000	610,000		
2019	169,000	169,000	0		Total								
2020	106,000	106,000	0		0	100,000	169,000	106,000	0	235,000	610,000		
2021	0	0	0	<b>Revenues</b>									
2022+	235,000	235,000	0	160	Capital Expenditure Reserve								
	<b>610,000</b>	<b>610,000</b>	<b>0</b>		0	100,000	169,000	106,000	0	235,000	610,000		
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>									
		<b>Revenue</b>		<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>						
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	Unknown	Traffic calming features have associated on-going maintenance / operational costs including signage, markings, surface and winter maintenance. (The ongoing operational costs associated with the temporary speed cushions are approximately \$2,000 per location annually and approximately \$500 per location annually for permanent speed cushions.)	0	0						
2011	50,000	50,000	0										
2014	75,000	75,000	0										
2016	75,000	75,000	0										
<b>Related Projects</b>													
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>					
2007	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %		Josette Eugeni				Ongoing					

# **2017 Recommended Capital Budget**



## **Capital Project Summaries**

**Office of the City Solicitor**



# Project Version Summary

<b>Project #</b>	FRS-002-17	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2017	<b>Department</b>	Fire & Rescue
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fire Operations
<b>Title</b>	Portable Restroom for Fire & Rescue (on scene)		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>								
<p>Fire is requesting funds for the purchase of a mobile restroom unit. When large emergencies occur, the availability of an appropriate restroom facility is limited. In the past when these situations have occurred the department has reached out to local sanitation companies for the delivery of a portable toilet. It takes a significant amount of time for an unscheduled delivery to be coordinated and there is no guarantee that the department will be successful in contacting a supplier after hours or during a holiday. The purchase of a mobile restroom unit would ensure one is available at all times.</p> <p>In order to maximize the efficiency of such a purchase the unit could be shared with the Parks and Recreation division as well as other city departments where staff are working outdoors in areas where appropriate facilities are not readily available.</p>				Initial purchase \$20,000 includes industrial mobile unit and trailer.								
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
New												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>		<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>								
2017	20,000	20,000	0	5111 Machinery & Equipment -Non TCA								
2018	0	0	0			20,000	0	0	0	0	0	20,000
2019	0	0	0									
2020	0	0	0									
2021	0	0	0									
2022+	0	0	0									
	<b>20,000</b>	<b>20,000</b>	<b>0</b>	<b>Revenues</b>								
				163 Fire Major Equipment								
						20,000	0	0	0	0	0	20,000
						<b>Total</b>	<b>20,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20,000</b>
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>								
<b>Related Projects</b>				<b>Effective Date</b>		<b>Description</b>		<b>Exp/(Rev)</b>		<b>FTE Impact</b>		
				Unknown		Ongoing costs of owning a mobile unit would be limited to minor repairs and the costs associated with emptying it after use. Annual operating costs are estimated to be less than \$2,000 and will be absorbed in the operating budget of departments using the facility.		0		0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>				
2017	January 1, 2017	Growth: 100.0 % Maintenance: 0.0 %		Deputy Fire Chief Steve Laforet				2017				



# Project Version Summary

<b>Project #</b>	FRS-003-13	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2017	<b>Department</b>	Fire & Rescue
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fire Operations
<b>Title</b>	New Fire Headquarters - Station #1		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 3, City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>
<p>Fire is recommending the replacement of the existing Station 1/Headquarters facility. The current building was built in 1967 and is in poor condition. The building is in need of substantial repairs which may be very costly and only serve as stopgap measures. The new facility would also house the Fire Prevention division which is currently working out of an annex building located to the rear of the current headquarters.</p> <p>The current headquarters building provides only very limited access to persons with physical disabilities. Accessibility is limited to the first floor Administration area only. The Administrative area of the headquarters building also has inadequate office and storage space. Staff is forced to share workspace with limited storage capability. A central record keeping area does not exist within the facility, which creates difficulty in ensuring records are kept and maintained according to best practices.</p> <p>Due to the age of the building, the energy efficiency is virtually non-existent. Both the building construction and outdated mechanicals contribute to the inefficiency of the structure. It is not uncommon for repairs to the air conditioning system to take days.</p>

<b>Version Description</b>
<p>The fire station section of the headquarters building is in extreme disrepair. The building is crumbling around the windows and has experienced numerous problems with the air handling equipment and plumbing. Flooding is experienced in major rain falls. Repairs often take days to complete due to aging equipment and the difficulty in finding parts.</p> <p>Relative to the current Fire Prevention building, only the front vestibule can accommodate persons with disabilities. The corridors, door widths and offices cannot accommodate a person in a wheel chair. Fire Prevention staff are currently working out of renovated closets with little room for more than a desk and chair. The Fire Prevention annex faces the same challenges with energy efficiency and general disrepair.</p> <p>A new facility will house Administration, Fire Prevention and Station 1 operations. The new facility will provide an accessible, energy efficient facility that meets the current and future needs of Windsor Fire and Rescue Services. A placeholder to secure the land is recommended for 2021 in order to meet the strategic location requirements of the new Fire Hall.</p>

<b>Project Comments/Reference</b>

<b>Version Comments</b>

<b>Project Forecast</b>	<b>Revenue</b>		
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2017	0	0	0
2018	0	0	0
2019	0	0	0
2020	0	0	0
2021	1,000,000	1,000,000	0
2022+	22,000,000	22,000,000	0
	<b>23,000,000</b>	<b>23,000,000</b>	<b>0</b>

<b>Project Detailed Forecast</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>GL Account</b>							
<b>Expenses</b>							
5410 Construction Contracts - TCA	0	0	0	0	1,000,000	22,000,000	23,000,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>	<b>22,000,000</b>	<b>23,000,000</b>
<b>Revenues</b>							
169 Pay As You Go - Capital Reserve	0	0	0	0	1,000,000	22,000,000	23,000,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>	<b>22,000,000</b>	<b>23,000,000</b>

<b>Historical Approved Budget</b>

<b>Related Projects</b>

<b>Operating Budget Impact</b>			
<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>
Unknown	An increase/decrease to the annual operating budget may be required upon project completion (ie. utilities, maintenance contracts etc.)	0	0



<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>
2013	January 1, 2021	Growth: 0.0 % Maintenance: 0.0 %	Fire Chief Bruce Montone	2022+



## Project Version Summary

<b>Project #</b>	FRS-004-16	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2017	<b>Department</b>	Fire & Rescue
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fire Operations
<b>Title</b>	Fire & Rescue Apparatus Technology-aided Solutions		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<p><b>Project Description</b></p> <p>Installing computers on fire apparatus would provide significant efficiencies in business processes, deployment of resources, operations at emergency scenes and functionality throughout ongoing in- station daily tasks. By utilizing the following identified mobile applications this proposed solution would provide the following functionality and efficiencies:</p> <p>CriSys Mobile App</p> <ul style="list-style-type: none"> <li>• Mapping to and of incident location - quicker arrival due to more accurate routing</li> <li>• Hydrant locations - ensure best water supply and alternates if required</li> <li>• Ability to record status to, from, and at scene - records from apparatus to provide accurate data regarding response times when radio traffic volume is high and arriving vehicles have to wait to notify dispatch</li> <li>• Site information - identification of onsite hazards and others in area</li> <li>• Global positioning of fire apparatus - identification of other resources on scene and still available</li> </ul> <p>Fire Management System</p> <ul style="list-style-type: none"> <li>• Section E Reports - Provide access to the onboard officers to complete required reports on scene and ensure they have required information for every call they attend</li> </ul> <p>Status Boards App</p> <ul style="list-style-type: none"> <li>• Road construction information - working in conjunction with CRISYS to develop best mapping for travel to emergency</li> <li>• Weather reports - wind directions, etc. to alert to smoke or hazardous gas travel paths that would allow for earlier notification to planning to advise on evacuations and/or shelter in place advisories</li> <li>• Vehicles dispatched - from and still available at stations and the type of event they are attending</li> </ul> <p>Wake Up Windsor App</p> <ul style="list-style-type: none"> <li>• More process efficient by utilizing touch screen confirmations with address information and owner approval sign-off instead of a single page of paper for every address with a larger margin of error due to human error</li> </ul> <p>Vehicle Inventory</p> <ul style="list-style-type: none"> <li>• Provide process and resource efficiencies in how daily vehicle inventory and truck checks are completed and the information is logged into a database, as opposed to utilizing two separate people. Also provides immediate accurate information on the vehicle that can be tracked by apparatus, in the event of an accident involving a fire apparatus. Provides probable cost savings in the purchase and tracking of equipment of vehicles, allowing for quick identification of equipment in the case of replacement schedules and product recalls and or replacements</li> </ul> <p>Rehab Tracking</p> <ul style="list-style-type: none"> <li>• Provide Rehabilitation tracking functionality at emergency scenes and to provide accurate information in compliance with Ministry of Labour documentation requirements. Provides tracking of volume of nourishments and liquids provided</li> </ul> <p>Fire Safety Plans</p> <ul style="list-style-type: none"> <li>• Provide Fire Safety Plan information, including building schematics to aid in access to critical building and hazard information within structures to assist in critical decision making processes</li> </ul> <p>Internet/ Intranet Capabilities</p> <ul style="list-style-type: none"> <li>• Provide continuous communication and updates between Command vehicles, Administration, Emergency Operations Centre, Command Bus and the Hazmat Team's monitoring equipment during emergency events</li> </ul>	<p><b>Version Description</b></p> <p>A mass installation to bring all apparatus to the same ability of utilization of its resources is recommended.</p>
<p><b>Project Comments/Reference</b></p>	<p><b>Version Comments</b></p>

Project Forecast			Revenue		Project Detailed Forecast							
Year	Total Expense	Net City Cost	Subsidies	GL Account	2017	2018	2019	2020	2021	2022+	Total	
2017	130,000	130,000	0	<b>Expenses</b>								
2018	0	0	0	5125 Computers - PCs								
2019	0	0	0		130,000	0	0	0	0	0	130,000	
2020	0	0	0	Total	130,000	0	0	0	0	0	130,000	
2021	0	0	0	<b>Revenues</b>								
2022+	0	0	0	163 Fire Major Equipment								
	<b>130,000</b>	<b>130,000</b>	<b>0</b>		130,000	0	0	0	0	0	130,000	
				Total	130,000	0	0	0	0	0	130,000	
<b>Historical Approved Budget</b>												
<b>Related Projects</b>			<b>Operating Budget Impact</b>									
			<b>Effective Date</b>						<b>Description</b>		<b>Exp/(Rev) FTE Impact</b>	
			2017-01-01						Crisys maintenance fee, Connectivity costs & Internal IT computer fees.		43,320 0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>				
2016	January 1, 2016	Growth: 100.0 % Maintenance: 0.0 %		Fire Chief Bruce Montone				2017				



# Project Version Summary

<b>Project #</b>	FRS-001-15	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2017	<b>Department</b>	Fire & Rescue
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fire Support Services
<b>Title</b>	Fire & Rescue GPS Traffic Pre-emption Technology Infrastructure		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	2016 version (Active)		

<b>Project Description</b>				<b>Version Description</b>							
Current traffic pre-emption technology in use at the City (Opticom) is not installed throughout the city and existing units require extensive adjustments and maintenance. GPS traffic pre-emption technology will allow for the control of all traffic signals throughout the City through connections via the traffic services ATMS and utilizes GPS technology to identify vehicle locations, vehicle speed and potentially can monitor vehicle operations (e.g. brakes, engine temperature, etc.). Installation of this technology has the potential to reduce response times by as much as 30 seconds on short distance responses and as much as one minute on longer distance responses. This technology could put responders on scene sooner and in greater numbers, and will support the corporate vision of employee safety and public safety.				This technology would be a cost aversion strategy as the need for additional infrastructure - and thereby capital dollars - may be reduced as the reach of existing fire services is extended. Further, this system - once operational - could be expanded to include other agencies such as Transit, Police and EMS, all of which could leverage this investment.  Total projected costs for the GPS traffic pre-emption system including installation are approximately \$2,540,000 and include: - Controllers & Communications Network - ATMS System Development and Integration Costs - Antenna and Equipment Install on Each Fire Apparatus							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5110 Machinery & Equipment - TCA	0	0	0	0	0	2,540,000	2,540,000
2018	0	0	0								
2019	0	0	0								
2020	0	0	0								
2021	0	0	0								
2022+	2,540,000	2,540,000	0								
	<b>2,540,000</b>	<b>2,540,000</b>	<b>0</b>	<b>Revenues</b>							
				169 Pay As You Go - Capital Reserve	0	0	0	0	0	2,540,000	2,540,000
					0	0	0	0	0	2,540,000	2,540,000
					0	0	0	0	0	2,540,000	2,540,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>				
				2020-01-01	Monthly connectivity costs for Fire through corporate cellular network contracts of \$10/mth per vehicle are anticipated. \$10 x 12 months x 13 vehicles* = \$1,560/year (*11 trucks/engines + 2 district chief vehicles)	1,560	0				
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2015	January 1, 2021	Growth: 0.0 % Maintenance: 0.0 %		Fire Chief Bruce Montone				2022+			



# Project Version Summary

<b>Project #</b>	FRS-002-07	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2017	<b>Department</b>	Fire & Rescue
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fire Support Services
<b>Title</b>	Fire & Rescue Computer-aided Dispatch System (CRISYS) Upgrade		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Technology		
<b>Wards</b>	City Wide		
<b>Version Name</b>	2016 version (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<p>The current Crisys Computer Aided Dispatch (CAD) system was implemented in 2004. This CAD system is one of the major components of the Windsor Fire Communications as it provides speed and accuracy on processing emergency calls for the City of Windsor. Additional important features include vital information for firefighting and rescue operations such as location and the type of hazardous materials, location of physically challenged citizens, location and size of hydrants, special warnings, fire pre-planning information, etc.</p> <p>The City of Windsor also sells this service to other municipalities to be in a position of dispatching other municipalities.</p>				<p>Crisys recommends complete system replacement every 3 years as computer processor manufacturers typically are doubling the speed of these devices every 18 months. In order to ensure the reliability of the supporting equipment, a full replacement of the system, including workstations that can accommodate the upgraded system, was done in 2010. The 2013 &amp; 2016 upgrade involved computer hardware components only, and the manufacturer indicated that approximately \$50,000 will be required every 3-years going forward. The next replacement would then be in the year 2019.</p>							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
(Closed:7101012 / 7131006) / 7161037											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5125	Computers - PCs						
2018	0	0	0								
2019	50,000	50,000	0		0	50,000	0	0	50,000	100,000	
2020	0	0	0		0	0	50,000	0	0	50,000	100,000
2021	0	0	0	<b>Revenues</b>							
2022+	50,000	50,000	0	170	Pay As You Go - Leasing Reserve						
	<b>100,000</b>	<b>100,000</b>	<b>0</b>		0	0	50,000	0	0	50,000	100,000
<b>Historical Approved Budget</b>											
		<b>Revenue</b>									
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>								
2010	180,000	180,000	0								
2013	40,000	40,000	0								
2016	50,000	50,000	0								
<b>Related Projects</b>				<b>Operating Budget Impact</b>							
<b>Precedes</b>		<b>Project Title</b>		<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>				
ITC-001-12		Fire and Rescue Records Management and Computer Aided Dispatch System Initiatives		Unknown	No operating budget impact.	0	0				
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2007	January 1, 2013	Growth: 0.0 % Maintenance: 0.0 %		Deputy Fire Chief Andrea Dejong				Ongoing			



# Project Version Summary

<b>Project #</b>	FRS-002-16	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2017	<b>Department</b>	Fire & Rescue
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fire Support Services
<b>Title</b>	Fire Engine Portable Hoists		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	2016 version (Active)		

<b>Project Description</b>
<p>The Fire Apparatus Division is requesting funding to purchase portable hoists capable of lifting large fire rescue vehicles. Currently the department has a single permanent hoist capable of lifting the largest vehicles. The purchase of portable hoists would increase the efficiency of the division by affording staff the ability to complete major repairs to separate vehicles simultaneously, rather than having to wait for one vehicle repair to be finished before another one could begin.</p> <p>In some cases a repair may be completed while working under the vehicle while the technician lies on his back using a "creeper". The portable hoists can be used in these circumstances as well. The ability to raise the vehicle provides for a safer and more ergonomic method of completing the repair or service. Additionally, repairs done while the vehicle is raised are typically completed more quickly and efficiently.</p> <p>Portable hoists would provide a level of flexibility that currently does not exist within the division. It is expected that the addition of this equipment would increase the overall safety and efficiency of the division and reduce the amount of time vehicles are out of service awaiting repairs.</p>

<b>Version Description</b>
<p>Windsor Fire &amp; Rescue Services is recommending the purchase of four portable hoists in 2021, at an estimated cost of \$20,000 each.</p>

<b>Project Comments/Reference</b>

<b>Version Comments</b>

<b>Project Forecast</b>	<b>Revenue</b>			
	<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>
	2017	0	0	0
	2018	0	0	0
	2019	0	0	0
	2020	0	0	0
	2021	80,000	80,000	0
	2022+	0	0	0
		<b>80,000</b>	<b>80,000</b>	<b>0</b>

<b>Project Detailed Forecast</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Expenses</b>	5110 Machinery & Equipment - TCA	0	0	0	0	80,000	0	80,000
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>80,000</b>	<b>0</b>	<b>80,000</b>
<b>Revenues</b>	169 Pay As You Go - Capital Reserve	0	0	0	0	80,000	0	80,000
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>80,000</b>	<b>0</b>	<b>80,000</b>

<b>Historical Approved Budget</b>

<b>Operating Budget Impact</b>								
<table border="1"> <tr> <td><b>Effective Date</b></td> <td><b>Description</b></td> <td><b>Exp/(Rev)</b></td> <td><b>FTE Impact</b></td> </tr> <tr> <td>Unknown</td> <td>No operating budget impact.</td> <td>0</td> <td>0</td> </tr> </table>	<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>	Unknown	No operating budget impact.	0	0
<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>					
Unknown	No operating budget impact.	0	0					

<b>Related Projects</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>
2016	January 1, 2021	Growth: 0.0 % Maintenance: 0.0 %	Deputy Fire Chief Steve Laforet	2022+





# Project Version Summary

<b>Project #</b>	FRS-003-16	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2017	<b>Department</b>	Fire & Rescue
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fire Support Services
<b>Title</b>	Fire Education Materials, Displays & Equipment		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
Funding is requested to purchase replacement and new public education display materials and equipment to support the increasing number of public education-related activities undertaken by the Windsor Fire & Rescue Fire Services' Fire Prevention and Emergency Management Divisions. The current materials being utilized for Fire Prevention public education are approximately 10 years old or more in some cases and are worn, inoperable and unprofessional in appearance. Further, the single set of Fire Prevention materials is insufficient to meet the current needs of Windsor Fire & Rescue as there are often two events occurring simultaneously.				Windsor Fire and Rescue Services is aware of the expectation to promote the City of Windsor in a competent and professional manner. Utilizing damaged and worn displays has a negative impact on this expectation and the current materials and equipment do not reflect the new corporate visual identity standard.											
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
7161038															
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		<b>Revenue</b>													
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>				
2017	0	0	0	2360 Promotional Material & Product											
2018	0	0	0		0	0	0	20,000	0	0	20,000				
2019	0	0	0	Total	0	0	0	20,000	0	0	20,000				
2020	20,000	20,000	0	<b>Revenues</b>											
2021	0	0	0	169 Pay As You Go - Capital Reserve											
2022+	0	0	0		0	0	0	20,000	0	0	20,000				
	<b>20,000</b>	<b>20,000</b>	<b>0</b>	Total	0	0	0	20,000	0	0	20,000				
<b>Historical Approved Budget</b>															
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>												
2016	20,000	20,000	0												
<b>Related Projects</b>				<b>Operating Budget Impact</b>											
				<u>Effective Date</u>	<u>Description</u>			<u>Exp/(Rev)</u>			<u>FTE Impact</u>				
				Unknown	No operating budget impact.			0			0				
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>							
2016	January 1, 2016	Growth: 0.0 % Maintenance: 0.0 %		Deputy Chief Andrea Dejong				2021							



# Project Version Summary

<b>Project #</b>	FRS-004-07	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2017	<b>Department</b>	Fire & Rescue
<b>Asset Type</b>	Unassigned	<b>Division</b>	Fire Support Services
<b>Title</b>	Breathing Apparatus Replacement		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>								
<p>Firefighter safety is an essential component to maintaining an effective Fire and Rescue Service. The SCBA unit provides the firefighter ability to breathe, work and communicate in a potentially toxic atmosphere that would otherwise be dangerous to health and safety. Emergencies, such as structure fires, vehicle fires and hazardous material release, all contain elements of smoke, fire and chemical compounds. The SCBA unit protects the firefighter in these environments while performing rescue and hazard mitigation activities.</p>				<p>Breathing apparatus is under constant wear and tear as it is used by all employees attending every fire scene. Due to unforeseen and unavoidable delays in the NFPA certification process this project was delayed until 2015/2016. The 2012 funding of \$600,000 was identified insufficient to replace all required SCBA components, and the department estimated in 2014 that an additional \$500,000 would be required to fund the replacement of all equipment to ensure compliance with the latest standards.</p>								
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
(Closed: 7071069/7111033) 7121012				Report #18092, CR41/2016 approved a pre-commitment of \$300,000 from 2018 funds.								
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>								
2017	0	0	0	5110	Machinery & Equipment - TCA							
2018	300,000	300,000	0		0	300,000	0	0	0	0	300,000	
2019	0	0	0		Total							
2020	0	0	0		0	300,000	0	0	0	0	300,000	
2021	0	0	0	<b>Revenues</b>								
2022+	0	0	0	169	Pay As You Go - Capital Reserve							
	<b>300,000</b>	<b>300,000</b>	<b>0</b>		0	300,000	0	0	0	0	300,000	
					Total							
					0	300,000	0	0	0	0	300,000	
<b>Historical Approved Budget</b>												
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>									
2007	220,000	220,000	0									
2011	20,000	20,000	0									
2012	600,000	600,000	0									
2016	200,000	200,000	0									
<b>Related Projects</b>				<b>Operating Budget Impact</b>								
				<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>					
				Unknown	No operating budget impact.	0	0					
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>				
2007	January 1, 2014	Growth: 0.0 % Maintenance: 0.0 %		Deputy Fire Chief Steve Laforet				2018				



# Project Version Summary

<b>Project #</b>	ENG-005-16	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2017	<b>Department</b>	Legal
<b>Asset Type</b>	Unassigned	<b>Division</b>	Legal, Real Estate & Risk Mgmt
<b>Title</b>	2437 Howard Ave. Improvements Placeholder		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>			
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
The building at 2437 Howard Avenue, adjacent to the Parks and Facilities office on McDougall, was purchased in 2014 and is currently being used as storage space. The facility includes an existing 2 storey office space that is approximately 11,000 sq. ft. and requires significant renovations to make it useable. Funding is necessary to proceed with capital improvements that would make the office space usable. Improvements would include the installation of City network connection, new partitions, flooring, ceiling, lighting, HVAC distribution, CCTV and security alarm, card access, etc.				Further to Council report (LL#17867; CR#161/2015) approved on August 24th, 2015, the Real Estate Division in conjunction with Facilities Operations, will bring forward a report with recommendations resulting from the study of administrative and operational buildings and space needs with future projections including the market value estimates and the constraints in proceeding with the sale of existing buildings. It is to be noted that there is an immediate need in the adjacent building at 2450 McDougall which houses the Facilities, Parks, Recreation and Administrative staff. These funds, based on an estimate of approximately \$45/sq. ft. for renovations, are sought as a placeholder until such report is presented to Council.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7161039																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<u>Revenue</u>														
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>					
2017	250,000	250,000	0	5410 Construction Contracts - TCA												
2018	0	0	0	250,000	0	0	0	0	0	0	250,000					
2019	0	0	0	Total	250,000	0	0	0	0	0	250,000					
2020	0	0	0	<b>Revenues</b>												
2021	0	0	0	169 Pay As You Go - Capital Reserve												
2022+	0	0	0	250,000	0	0	0	0	0	0	250,000					
<b>250,000</b>		<b>250,000</b>		<b>0</b>		Total	250,000	0	0	0	0	250,000				
<b>Historical Approved Budget</b>																
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>													
2016	250,000	250,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<u>Effective Date</u>	<u>Description</u>					<u>Exp/(Rev)</u>	<u>FTE Impact</u>					
				Unknown	Until the report is finalized and further action on renovations to the building can be initiated, the facility will remain vacant and under utilized and continue to incur operational expenses such as utilities (minimum electrical for security alarm, outside lights). Facility Operations has put forward a request of \$25,000 in the 2016 operating budget to cover these expenses.					0	0					
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>								

2016	January 4, 2016	Growth: 0.0 % Maintenance: 100.0 %	Shelby Askin-Hagar	Dec 2016
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# Project Version Summary

<b>Project #</b>	LGL-001-17	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2017	<b>Department</b>	Legal
<b>Asset Type</b>	Unassigned	<b>Division</b>	Legal, Real Estate & Risk Mgmt
<b>Title</b>	Former Marlborough Community Centre		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 2		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
The building at 3557 Melbourne is the former Marlborough Community Centre, which was constructed in 1968. It is attached to Marlborough School. The GECDSDB leased the building from September 1, 2002 – August 31, 2007. The building has been vacant since September 1, 2007. The WECDSB has expressed no interest in acquiring the property, and the City has identified no current municipal use. It is recommended that the building be demolished as there are limited operating funds to maintain the building. The building is not in move in condition. In the event that the building was to be occupied again, a building condition analysis would have to be prepared in order to determine what repairs would be necessary.				The Real Estate Division will be preparing a report for Council's consideration recommending the demolition of the former Marlborough Community Centre. An estimated demolition cost of \$50,000 is being sought as a placeholder until such report is presented to Council.							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5410 Construction Contracts - TCA						50,000	50,000
2018	0	0	0		0	0	0	0	0	50,000	50,000
2019	0	0	0	<b>Total</b>	0	0	0	0	0	50,000	50,000
2020	0	0	0	<b>Revenues</b>							
2021	0	0	0	160 Capital Expenditure Reserve						50,000	50,000
2022+	50,000	50,000	0	<b>Total</b>	0	0	0	0	0	50,000	50,000
	<b>50,000</b>	<b>50,000</b>	<b>0</b>								
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	No Operating Budget Impact			0	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017	January 1, 2017	Growth: 0.0 % Maintenance: 0.0 %		Frank Scarfone				December 31, 2017			



# Project Version Summary

<b>Project #</b>	LGL-002-17	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2017	<b>Department</b>	Legal
<b>Asset Type</b>	Unassigned	<b>Division</b>	Legal, Real Estate & Risk Mgmt
<b>Title</b>	Demolition of Transitional Buildings		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	2017 (Active)		

<b>Project Description</b>				<b>Version Description</b>												
Part of the Transitional Buildings portfolio includes properties that have been vested to the City that had not sold at the various property tax sales. Some of these properties are unfit to occupy or in such a poor state that the cost to repair would exceed the market value of the property as improved. There are several properties eligible for vesting in 2017, 2018 and 2019 that likely will need to be demolished.				The Real Estate Division will be bringing forward reports for the demolition of various transitional properties currently under the Transitional Buildings portfolio and those properties that are proposed to be vested in 2017 and 2018 that need to be demolished. A placeholder of \$100,000 per year for 2017, 2018 and 2019 is being requested but cannot be accommodated due to limited funding. Administration may propose to fund the demolition costs from the eventual sale of those properties.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>														
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>					
2017	0	0	0	<b>Expenses</b>												
2018	0	0	0	5410	Construction Contracts - TCA											
2019	0	0	0		0	0	0	0	0	300,000	300,000					
2020	0	0	0		Total	0	0	0	0	0	300,000	300,000				
2021	0	0	0	<b>Revenues</b>												
2022+	300,000	300,000	0	169	Pay As You Go - Capital Reserve											
	<b>300,000</b>	<b>300,000</b>	<b>0</b>		0	0	0	0	0	300,000	300,000					
					Total	0	0	0	0	0	300,000	300,000				
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>												
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>							
				Unknown	No Operating Budget Impact			0	0							
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>				<b>Est. Completion Date</b>									
2017	January 1, 2017	Growth: 0.0 % Maintenance: 0.0 %	Frank Scarfone				December 31, 2019									



# Project Version Summary

<b>Project #</b>	LGL-003-17	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2017	<b>Department</b>	Legal
<b>Asset Type</b>	Unassigned	<b>Division</b>	Legal, Real Estate & Risk Mgmt
<b>Title</b>	Confidential Property Related Matters - In-Camera Items		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<b>Expenses</b>							
2017	0	0	0	2920	Legal Services						
2018	1,000,000	1,000,000	0		0	1,000,000	100,000	4,100,000	500,000	0	5,700,000
2019	100,000	100,000	0	5410	Construction Contracts - TCA						
2020	4,100,000	4,100,000	0		0	0	0	0	0	0	0
2021	500,000	500,000	0	<hr/>							
2022+	0	0	0	Total	0	1,000,000	100,000	4,100,000	500,000	0	5,700,000
	<b>5,700,000</b>	<b>5,700,000</b>	<b>0</b>	<b>Revenues</b>							
				169	Pay As You Go - Capital Reserve						
					0	1,000,000	100,000	4,100,000	500,000	0	5,700,000
				<hr/>							
				Total	0	1,000,000	100,000	4,100,000	500,000	0	5,700,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	No Operating Budget Impact		0		0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017	January 1, 2017	Growth: 0.0 % Maintenance: 0.0 %		Frank Scarfone				December 31, 2017			



# Project Version Summary

<b>Project #</b>	PBG-001-14	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2017	<b>Department</b>	Planning & Building
<b>Asset Type</b>	Unassigned	<b>Division</b>	Development
<b>Title</b>	Alley Closing Subsidy Pilot Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Roads		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
As per the 2014 Enhanced Capital Plan, Council approved in principle funds from the 2018 Debt Reduction Levy for the closing of alleys within the City.				As per CR88/2014, Report #17038, Council formerly approved the proceeding with the Alley Closing Subsidy Pilot Program.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7145002																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>														
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>					
2017	0	0	0	<b>Expenses</b>												
2018	790,000	790,000	0	5410	Construction Contracts - TCA											
2019	0	0	0	0	790,000	0	0	0	0	0	790,000					
2020	0	0	0	Total		0	790,000	0	0	0	0	790,000				
2021	0	0	0	<b>Revenues</b>												
2022+	0	0	0	169	Pay As You Go - Capital Reserve											
<b>790,000</b>		<b>790,000</b>		0	790,000	0	0	0	0	0	790,000					
<b>790,000</b>		<b>790,000</b>		Total		0	790,000	0	0	0	0	790,000				
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>		<b>Description</b>		<b>Exp/(Rev)</b>		<b>FTE Impact</b>						
				Unknown		No Operating budget Impact		0		0						
<b>Year Identified</b>		<b>Start Date</b>		<b>Project Type for 2017</b>		<b>Project Lead</b>			<b>Est. Completion Date</b>							
2014		January 2, 2014		Growth: 0.0 % Maintenance: 0.0 %		Don Wilson			2018							





# Project Version Summary

<b>Project #</b>	PBG-002-14	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2017	<b>Department</b>	Planning & Building
<b>Asset Type</b>	Unassigned	<b>Division</b>	Policy & Design
<b>Title</b>	Ontario's Investment Ready Certified Sites Program - Airport Cargo Hub West		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	Ward 9		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<p>Cost of preparing a reference plan for an area identified on airport lands and required studies under the Provincial Investment Ready: Certified Sites Program. The Program is a province-wide investment attraction program, the purpose of which is to promote an inventory of sites that meet a set of minimum requirements. 50% of the costs associated with preparing the required material are eligible for reimbursement from the Province up to a maximum of \$25,000. The Airport has agreed to fund 50% of the cost from the Commercial Feasibility capital project id 7091022) subject to the Airport's Board approval.</p> <p>Note: Given the timing of this budget request, Administration has captured the request in advance and will update Council during budget deliberations if in fact the Board has approved the funding request.</p>				<p>In the event that the City works toward adding the area east of the Cargo Hub as a second certified site or enlarge the current certified site west of the Cargo Hub with a future zoning, the area along County Rd. 42 would need to be rezoned to apply under the program. If we did this, then more funds would be required. It is estimated that an additional \$50,000 would be adequate.</p>							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
7151019											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	2916	INTERNAL Services- non-salary						
2018	0	0	0		0	0	0	0	50,000	0	50,000
2019	0	0	0		Total						
2020	0	0	0		0	0	0	0	50,000	0	50,000
2021	50,000	50,000	0	<b>Revenues</b>							
2022+	0	0	0	169	Pay As You Go - Capital Reserve						
	<b>50,000</b>	<b>50,000</b>	<b>0</b>		0	0	0	0	50,000	0	50,000
					Total						
					0	0	0	0	50,000	0	50,000
<b>Historical Approved Budget</b>											
		<b>Revenue</b>									
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>								
2015	50,000	0	50,000								
<b>Related Projects</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	No Operating Budget Impact			0	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2014	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %		Greg Atkinson				2021			



# Project Version Summary

<b>Project #</b>	PLN-007-07	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2017	<b>Department</b>	Planning & Building
<b>Asset Type</b>	Unassigned	<b>Division</b>	Policy & Design
<b>Title</b>	Growth Management Plan Review and Implementation		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<p>In accordance with the Environmental Master Plan (EMP) and provincial requirements for managed regional growth, City Planning staff will lead a multi-departmental/agency process to produce this plan integrating land use, services, active transportation and open space.</p> <p>The plan will include strategies to facilitate developments with a high environmental benefit with examples that include reducing the urban heat island effect and the negative effects of climate change.</p>				<p>2019: Review opportunities for improvement to quality of life and environmental sustainability (consultant to be hired to do public survey) - \$100,000                  2022: Develop policy and implement recommendations from consultant survey - \$100,000</p>							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5410	Construction Contracts - TCA						
2018	0	0	0		0	0	100,000	0	0	100,000	200,000
2019	100,000	100,000	0		Total						
2020	0	0	0		0	0	100,000	0	0	100,000	200,000
2021	0	0	0	<b>Revenues</b>							
2022+	100,000	100,000	0	169	Pay As You Go - Capital Reserve						
	<b>200,000</b>	<b>200,000</b>	<b>0</b>		0	0	100,000	0	0	100,000	200,000
					Total						
					0	0	100,000	0	0	100,000	200,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>
				Unknown	No Operating Budget Impact				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2007	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Michael Cooke				2020+			



# Project Version Summary

<b>Project #</b>	PLN-008-07	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2017	<b>Department</b>	Planning & Building
<b>Asset Type</b>	Unassigned	<b>Division</b>	Policy & Design
<b>Title</b>	"Green Windsor" Protection and Funding Strategy		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>								
<p>As part of implementing the Green Windsor strategy of the Environmental Master Plan and Official Plan, City Planning staff will develop with regional partners a strategy to assemble green system components. The project will focus on the creation of a connected linear park system in adherence with the 2016 Parks Master Plan to meet rising public demand for healthy recreational opportunities while offering the added benefit of increasing property assessment values.. Further more, these linear parks can incorporate new storm water management facilities and active transportation opportunities that together may reduce the negative impacts of climate change and also help to alleviate basement flooding. Cost sharing with regional partners will be required.</p> <p>Project is being deferred until 2019+.</p>				<p>Project will include specific targeted areas such as Ojibway Shores and Schiller's Bush.</p> <p>2019: Study how the city can create opportunities to continue to "green" the community in recognition of: species at risk; provincially significant wetlands; natural greenway linkages and source water protection areas.</p> <p>2022: Implement changes to the Zoning By-law, Official Plan, and other related corporate plans to recognize the significance of linear park systems.</p>								
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>								
2017	0	0	0	5410	Construction Contracts - TCA							
2018	0	0	0		0	0	80,000	0	0	100,000	180,000	
2019	80,000	80,000	0		<hr/>							
2020	0	0	0		Total	0	0	80,000	0	0	100,000	180,000
2021	0	0	0	<b>Revenues</b>								
2022+	100,000	100,000	0	169	Pay As You Go - Capital Reserve							
	<b>180,000</b>	<b>180,000</b>	<b>0</b>		0	0	80,000	0	0	100,000	180,000	
					<hr/>							
					Total	0	0	80,000	0	0	100,000	180,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>								
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>			
				Unknown	No Operating Budget Impact			0	0			
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>				
2007	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Michael Cooke				2019 and Beyond				



# Project Version Summary

<b>Project #</b>	PLN-010-07	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2017	<b>Department</b>	Planning & Building
<b>Asset Type</b>	Unassigned	<b>Division</b>	Policy & Design
<b>Title</b>	Heritage Preservation Study and Identification of Incentives		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
Planning staff will lead 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.				2018+: Recommend implementation of incentives to support tax rebates for heritage properties. Funding of \$150,000 is available to be transferred from the existing BIA Assistance Program (7069002) in 2018.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7141014																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>														
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>					
2017	0	0	0	<b>Expenses</b>												
2018	150,000	0	150,000	2950	Other Prof Services-External											
2019	0	0	0		0	150,000	0	0	435,000	0	585,000					
2020	0	0	0	Total		0	150,000	0	0	435,000	0	585,000				
2021	435,000	435,000	0	<b>Revenues</b>												
2022+	0	0	0	169	Pay As You Go - Capital Reserve											
	<b>585,000</b>	<b>435,000</b>	<b>150,000</b>		0	0	0	0	435,000	0	435,000					
<b>Historical Approved Budget</b>																
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>													
2014	50,000	0	50,000													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>					
				Unknown	No Operating Budget Impact					0	0					
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>								
2007	January 1, 2020	Growth: 0.0 % Maintenance: 0.0 %		Michael Cooke				2020+								



# Project Version Summary

<b>Project #</b>	PLN-017-07	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2017	<b>Department</b>	Planning & Building
<b>Asset Type</b>	Unassigned	<b>Division</b>	Policy & Design
<b>Title</b>	Business Improvement Area Assistance Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>												
The City's traditional annual budget allocation for the 9 BIAs has been for cost-sharing ad-hoc beautification initiatives. Disbursements from this project now are mainly for new Capital Asset requests from BIAs. This project also supports annual programs previously approved by Council.				2018 Funding of \$150,000 transferred to Heritage Preservation (PLN-010-07) for same year (2018). 2020: To ensure support of local development in all 9 BIA's.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
7069002				Community Improvement Plans are currently being prepared for a facade improvement program and are also expected to use the budgeted funds in 2017 onward.												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>														
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>					
2017	0	0	0	<b>Expenses</b>												
2018	150,000	150,000	0	2950	Other Prof Services-External											
2019	0	0	0		0	150,000	0	150,000	0	0	300,000					
2020	150,000	150,000	0	Total		0	150,000	0	150,000	0	0	300,000				
2021	0	0	0	<b>Revenues</b>												
2022+	0	0	0	169	Pay As You Go - Capital Reserve											
	<b>300,000</b>	<b>300,000</b>	<b>0</b>		0	150,000	0	150,000	0	0	300,000					
Total				Total		0	150,000	0	150,000	0	0	300,000				
<b>Historical Approved Budget</b>																
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>													
2007	175,000	175,000	0													
2008	100,000	100,000	0													
2009	150,000	150,000	0													
2010	150,000	150,000	0													
2011	200,000	200,000	0													
2014	100,000	100,000	0													
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>							
				Unknown	No Operating Budget Impact			0	0							
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>								
2007	January 1, 2018	Growth: 0.0 % Maintenance: 0.0 %		Michael Cooke				Ongoing								



# Project Version Summary

<b>Project #</b>	PLN-005-07	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2017	<b>Department</b>	Planning & Building
<b>Asset Type</b>	Unassigned	<b>Division</b>	Urban Design
<b>Title</b>	Planning & Building E-Plan & E-Permit Review and Implementation		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
Implement an e-plan and e-permit Customer Resource Management System for plan submission, review and approval processes for Planning and Building Services. The implementation of these processes is consistent with and supports many of the recommendations contained in the Planning Business Process Review and specifically the Business Process Improvements related to improved customer service and communication which can be supported by technological change.				<p>2017: Prepare a RFP for a comprehensive solution for e-permitting including Plan Submission, Permitting, Plan Review, Inspection, and Transaction Software. Conduct a trial (i.e. proof of concept &amp; pilot project) of the proposed solution with the Site Plan Control staff and Building Permits staff.            Site Plan Approval Solution Development: \$75,000            Building Permits Solution Development: \$45,000            Bluebeam software (additional 25 licenses): \$2,500            Purchased Training: \$8,000            Contingency: \$45,000</p> <p>The above task list totals \$175,500 and expends all of 2017 funds as well as a pre-commitment of \$87,500 against 2018 stated funds.</p> <p>2018-2019: Begin implementation of an e-permitting solution to coincide with the opening of the "One Stop" Service desk in the new City Hall. Initial implementation will be to handle Site Plan Control applications and Building Permit applications, the two largest volume activity areas to benefit from the software solution. Then gradually implement other types of applications received by the Department that are value added over the interim.            To be used toward implementation of other applications and general completion of project: \$132,500 or balance remaining after 2017 pre-commitment costs.</p> <p>Note: operational costs may change should the analysis assumptions change.</p>							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	88,000	88,000	0	5410 Construction Contracts - TCA							
2018	210,000	210,000	0		88,000	210,000	10,000	0	0	0	308,000
2019	10,000	10,000	0								
2020	0	0	0								
2021	0	0	0								
2022+	0	0	0								
	<b>308,000</b>	<b>308,000</b>	<b>0</b>	<b>Revenues</b>							
				169 Pay As You Go - Capital Reserve							
					88,000	210,000	10,000	0	0	0	308,000
					<b>Total</b>	<b>88,000</b>	<b>210,000</b>	<b>10,000</b>	<b>0</b>	<b>0</b>	<b>308,000</b>
<b>Historical Approved Budget</b>											

Related Projects			Operating Budget Impact																	
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date																
2007	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %	John Revell/Neil Robertson	2020+																
			<table border="1"> <thead> <tr> <th>Effective Date</th> <th>Description</th> <th>Exp/(Rev)</th> <th>FTE Impact</th> </tr> </thead> <tbody> <tr> <td>2017-01-01</td> <td>Software maintenance, licenses, variable usage costs.</td> <td>3,000</td> <td>0</td> </tr> <tr> <td>2019-01-01</td> <td>Software maintenance, licenses, variable usage costs.</td> <td>136,000</td> <td>0</td> </tr> <tr> <td>2019-01-01</td> <td>Recovery of fixed and variable costs associated with usage of the system. Fees will be subject to review until some continuum of customer usage of the system is established. The goal is full recovery of annual operating costs.</td> <td>(136,000)</td> <td>0</td> </tr> </tbody> </table>	Effective Date	Description	Exp/(Rev)	FTE Impact	2017-01-01	Software maintenance, licenses, variable usage costs.	3,000	0	2019-01-01	Software maintenance, licenses, variable usage costs.	136,000	0	2019-01-01	Recovery of fixed and variable costs associated with usage of the system. Fees will be subject to review until some continuum of customer usage of the system is established. The goal is full recovery of annual operating costs.	(136,000)	0	
Effective Date	Description	Exp/(Rev)	FTE Impact																	
2017-01-01	Software maintenance, licenses, variable usage costs.	3,000	0																	
2019-01-01	Software maintenance, licenses, variable usage costs.	136,000	0																	
2019-01-01	Recovery of fixed and variable costs associated with usage of the system. Fees will be subject to review until some continuum of customer usage of the system is established. The goal is full recovery of annual operating costs.	(136,000)	0																	



# Project Version Summary

<b>Project #</b>	PLN-012-07	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2017	<b>Department</b>	Planning & Building
<b>Asset Type</b>	Unassigned	<b>Division</b>	Urban Design
<b>Title</b>	City Centre Community Development Plan		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<p>Program's aim is to maximize a positive investment climate for diverse land uses downtown. Project authorized (CR457/2005) phased preparation of the Sustainable Downtown Plan [SDP] to update the 1994 City Centre Revitalization Study, starting with a Community Improvement Plan that would offer financial incentives to encourage private sector investment. In 2007 Capital Budget deliberations, the SDP work program was deferred to 2011. The March 7, 2011 Council Motion (M70-2011) expands on the previous Council CR and directs the Planning Department to report back to Council the process to harmonize the two community improvement plans (City Centre West/Glengarry-Marentette) including expansion of the City Centre Planning District and creation of incentives geared to specific guideline standards for the upgrade of both residential and commercial properties. This project also aims to cover the municipal portion of costs incurred (and provision for incentives) in the City Centre West Commercial Facade Improvement Program Study as authorized in CR224/2006.</p>				<p>This project will conduct the study in accordance with the Terms of Reference that will be presented to Council in response to M70-2011 (completion in 2015).</p> <p>Funding required to:</p> <ul style="list-style-type: none"> <li>- Prepare a comprehensive Downtown Community Improvement Plan - \$150,000</li> <li>- Conduct a detailed zoning/regulatory review for downtown - \$50,000</li> <li>- Prepare urban design guidelines for downtown - \$25,000</li> <li>- Plan Assistant/Rotating University Co-Op Student to work with Community Development projects - \$40,000</li> <li>- Fund incentives for the Downtown Community Improvement Plan - \$150,000</li> <li>- Future funds to be used for the implementation of the "Downtown Capital Improvement Investment Strategy/Action Plan"</li> </ul>							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
7011022				Note: There are surplus funds currently in project 7011022 - City Centre Community Development Planning of approx. \$500k.							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	0	0	0	5410	Construction Contracts - TCA						
2018	0	0	0		0	0	0	0	0	415,000	415,000
2019	0	0	0		0	0	0	0	0	415,000	415,000
2020	0	0	0		0	0	0	0	0	415,000	415,000
2021	0	0	0		0	0	0	0	0	415,000	415,000
2022+	415,000	415,000	0		0	0	0	0	0	415,000	415,000
	<b>415,000</b>	<b>415,000</b>	<b>0</b>		0	0	0	0	0	415,000	415,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
		<b>Revenue</b>		<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>				
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	Unknown	No Operating Budget Impact	0	0				
2009	280,000	280,000	0								
2010	200,000	200,000	0								
<b>Related Projects</b>											
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			



2007	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Neil Robertson	2019 and Beyond
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# Project Version Summary

<b>Project #</b>	PLN-018-07	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2017	<b>Department</b>	Planning & Building
<b>Asset Type</b>	Unassigned	<b>Division</b>	Urban Design
<b>Title</b>	Neighbourhood Studies and Design Guidelines		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>													
Funds to be used to study and implement design standards and physical features/amenities that contribute to a higher quality of life in local neighbourhoods. Past funding has been used to complete the Site Plan Review Manual, then to fund production of Riverside Drive Vista Improvement Streetscape guidelines per CR364/2009. Complementary to the Site Plan Review Manual, the preparation of development guidelines for different areas of the City began in 2015.				2021: 1) Neighbourhood engagement/integrated service review (using NIST model). Pilot program for: Glengarry/Marentette, Drouillard/Ford City and Sandwich areas in coordination with the United Way 2) Develop & adopt the Site Plan Review Manual 3) Prepare Community Improvement Plans for targeted neighbourhoods 4) Comprehensive Sign Bylaw Review 5) Develop & adopt Design Guidelines & Standards for Civic Ways & Theme Streets 6) Develop City of Windsor Urban Design Manual 7) Prepare targeted area Design Guidelines													
<b>Project Comments/Reference</b>				<b>Version Comments</b>													
7045003																	
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>													
		<b>Revenue</b>															
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>						
2017	0	0	0	<b>Expenses</b>													
2018	0	0	0	2950	Other Prof Services-External												
2019	100,000	100,000	0	0	0	100,000	100,000	25,000	0	225,000							
2020	100,000	100,000	0	Total							0	0	100,000	100,000	25,000	0	225,000
2021	25,000	25,000	0	<b>Revenues</b>													
2022+	0	0	0	169	Pay As You Go - Capital Reserve												
<b>225,000</b>		<b>225,000</b>		0	0	100,000	100,000	25,000	0	225,000							
				Total							0	0	100,000	100,000	25,000	0	225,000
<b>Historical Approved Budget</b>																	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>														
2007	85,000	85,000	0														
2014	130,000	130,000	0														
<b>Related Projects</b>				<b>Operating Budget Impact</b>													
				<b>Effective Date</b>		<b>Description</b>		<b>Exp/(Rev)</b>		<b>FTE Impact</b>							
				Unknown		No Operating budget Impact		0		0							
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>									
2007	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %		Neil Robertson				2020+									



# Project Version Summary

<b>Project #</b>	PLN-021-07	<b>Service Area</b>	Office of the City Solicitor
<b>Budget Year</b>	2017	<b>Department</b>	Planning & Building
<b>Asset Type</b>	Unassigned	<b>Division</b>	Urban Design
<b>Title</b>	City Hall Square and Civic Esplanade		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Community & Economic Development		
<b>Wards</b>	Ward 3		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>
<p>Future funds that coincide with the completion of the new City Hall are to be used for capital investments relating to the design, implementation and construction of the Civic Square Campus area (including the Civic Square Campus, Charles Clark Square and the Civic Esplanade) consistent with the Civic Square Campus Conceptual Site Plan that was approved in principle (CR162/2014) for the purposes of providing a definable direction for the ongoing development of the Civic Square Campus and surrounding areas.</p> <p>Work to date has been completed to meet the vision articulated in the 1991 Civic Square study. Initial work in 2010 involved the restoration of the planters, new site furnishings including tables, umbrellas, planters, access control bollards and trash/recycle receptacles have been administered and awarded through several RFP's.</p>

<b>Version Description</b>
<p>To coincide with the completion of the new City Hall and demolition of the old City Hall, additional capital investment is recommended to design/install/construct features in the Civic Square Campus area, including Phase 2 of the Casino Esplanade Landscaping Plan (CR210/2008), design review of Charles Clark Square, Civic Esplanade and Civic Square (i.e. the area immediately adjacent to the new City Hall).</p>

<b>Project Comments/Reference</b>
(7033086 Closed) / 7161040

<b>Version Comments</b>
<p>\$150,000 from the Farmer's Market Improvements placeholder (BSR) is being recommended to be transferred to this project.</p> <p>As per CR130/2016, \$337,000 approved for the New City Hall - Hydro Transformers &amp; Secondary Distribution Switch (SDS) box removal (\$150,000 in 2016 + \$187,000 in 2019).</p>

<b>Project Forecast</b>		<b>Revenue</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>
2017	0	0	0
2018	0	0	0
2019	500,000	500,000	0
2020	258,000	258,000	0
2021	300,000	300,000	0
2022+	827,000	827,000	0
	<b>1,885,000</b>	<b>1,885,000</b>	<b>0</b>

<b>Project Detailed Forecast</b>							
<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Expenses</b>							
5410	Construction Contracts - TCA						
	0	0	500,000	258,000	300,000	827,000	1,885,000
	Total						
	0	0	500,000	258,000	300,000	827,000	1,885,000
<b>Revenues</b>							
169	Pay As You Go - Capital Reserve						
	0	0	500,000	258,000	300,000	827,000	1,885,000
	Total						
	0	0	500,000	258,000	300,000	827,000	1,885,000

<b>Historical Approved Budget</b>		<b>Revenue</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>
2009	65,000	65,000	0
2010	100,000	100,000	0
2016	150,000	150,000	0

Related Projects			Operating Budget Impact	
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date
2007	January 1, 2020	Growth: 0.0 % Maintenance: 0.0 %	Neil Robertson	2020+

Effective Date	Description	Exp/(Rev)	FTE Impact
Unknown	Upon completion of the project, operating impact is undetermined but expected to be negligible or limited and dependent upon minor repairs resulting from instances such as vandalism, weather impacts such as snow clearing and miscellaneous such as periodic emptying of trash bins and as needed watering of any planters. In other words, a minor extension of that which is already in place for the existing esplanade area.	0	0

# **2017 Recommended Capital Budget**



## **Capital Project Summaries**

**Transportation Services Office**



# Project Version Summary

<b>Project #</b>	TRN-003-07	<b>Service Area</b>	Transportation Services Office
<b>Budget Year</b>	2017	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Transit Windsor
<b>Title</b>	Transit Windsor Customer Service Improvements - Shelters/Signage/Amenities		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>			
Customer service requirements include the purchase and installation of bus shelters, schedules at bus stops, bus stop signage and other amenities to meet customer needs. This also includes concrete pads which are installed prior at bus shelters and at bus stops without bus shelters so that the area is more accessible to the customer. The ongoing shelter program will continue as will the replacement of bus stop signs.			
<b>Project Comments/Reference</b>			
7045018			
<b>Project Forecast</b>			
		<b>Revenue</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>
2017	0	0	0
2018	0	0	0
2019	0	0	0
2020	0	0	0
2021	0	0	0
2022+	20,000	20,000	0
	<b>20,000</b>	<b>20,000</b>	<b>0</b>
<b>Historical Approved Budget</b>			
		<b>Revenue</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>
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

<b>Version Description</b>							
<b>Version Comments</b>							
<b>Project Detailed Forecast</b>							
<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Expenses</b>							
5110	Machinery & Equipment - TCA						
	0	0	0	0	0	20,000	20,000
Total	0	0	0	0	0	20,000	20,000
<b>Revenues</b>							
127	Dev Chg - Transit						
	0	0	0	0	0	0	0
169	Pay As You Go - Capital Reserve						
	0	0	0	0	0	20,000	20,000
Total	0	0	0	0	0	20,000	20,000

Related Projects			Operating Budget Impact	
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date
2007	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %	Steve Habrun	Ongoing
			<b>Effective Date</b> Unknown	<b>Description</b> All bus shelters are cleaned twice a month at a cost of \$16.00 per shelter per month. Two new shelters would result in an increase of \$32.00 per month in window cleaning costs.
			<b>Exp/(Rev)</b>	<b>FTE Impact</b>
			0	0



# Project Version Summary

<b>Project #</b>	TRN-004-07	<b>Service Area</b>	Transportation Services Office
<b>Budget Year</b>	2017	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Transit Windsor
<b>Title</b>	Transit Windsor Master Plan Implementation		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

**Project Description**  
 The Transit Master Plan focused on an overall improvement to customers' needs including route improvements and amenities. The Master Plan indicated that the number of shelters be increased at a rate of 7.3% from the existing number, however, this does not account for the replacement of aging or damaged bus shelters. Implementation of new bus stop signage across the city to provide customers with route and contact information at each bus stop will be completed in conjunction with Transit's new Intelligent Information System (ITS) project. As Transit Windsor grows its service, along with the growth of the City of Windsor, customer service amenities will continue to increase in scope, size and importance to include transit terminal amenities, other bus stop amenities and additional customer service needs.

**Version Description**  
 The project funds are set aside and earmarked for passenger/customer amenities as the need arises. In conjunction with the Intelligent Information System (ITS) project, there will be a city wide revamping of bus signs to provide passengers with route and contact information.

**Project Comments/Reference**  
 (Closed 7071189) 7075189

**Version Comments**

**Project Forecast**

Year	Total Expense	Revenue	
		Net City Cost	Subsidies
2017	0	0	0
2018	0	0	0
2019	0	0	0
2020	0	0	0
2021	50,000	50,000	0
2022+	50,000	50,000	0
	<b>100,000</b>	<b>100,000</b>	<b>0</b>

**Project Detailed Forecast**

GL Account	2017	2018	2019	2020	2021	2022+	Total
<b>Expenses</b>							
5410 Construction Contracts - TCA							
	0	0	0	0	50,000	50,000	100,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>	<b>100,000</b>
<b>Revenues</b>							
169 Pay As You Go - Capital Reserve							
	0	0	0	0	50,000	50,000	100,000
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50,000</b>	<b>50,000</b>	<b>100,000</b>

**Historical Approved Budget**

Year	Total Expense	Revenue	
		Net City Cost	Subsidies
2007	100,000	100,000	0
2008	40,000	40,000	0
2009	750,000	750,000	0
2010	50,000	50,000	0
2011	50,000	50,000	0
2012	5,000	5,000	0
2014	50,000	50,000	0
2015	50,000	50,000	0
2016	50,000	50,000	0



Related Projects			Operating Budget Impact	
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date
2007	January 1, 2019	Growth: 0.0 % Maintenance: 0.0 %	Steve Habrun	Ongoing
			Effective Date	Description
			Unknown	Until further information becomes available the amount of the operating impact cannot be quantified.
			Exp/(Rev)	FTE Impact
			0	0



# Project Version Summary

<b>Project #</b>	TRN-005-17	<b>Service Area</b>	Transportation Services Office
<b>Budget Year</b>	2017	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Transit Windsor
<b>Title</b>	Transit Windsor Service Delivery Review and Project Management		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<p>In a 2015 review, it was recommended that Transit Windsor complete an enterprise wide review of its services, focusing on conventional service, specialized transit services, and development of new transit services. The objectives of this review would be to improve transit efficiencies through innovation, identification and implementation of industry best practices, increase overall ridership, and maximize cost recovery.</p> <p>NOTE: Project submitted for PTIF funding which will be announced January 2017. As such Federal Grant funding is not yet approved and should the project not receive the grant funding this project may not be proceeding.</p>											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	325,000	50,000	275,000	5410 Construction Contracts - TCA							
2018	0	0	0		325,000	0	175,000	50,000	0	0	550,000
2019	175,000	175,000	0	<b>Total</b>	325,000	0	175,000	50,000	0	0	550,000
2020	50,000	50,000	0	<b>Revenues</b>							
2021	0	0	0	169 Pay As You Go - Capital Reserve	50,000	0	175,000	50,000	0	0	275,000
2022+	0	0	0	6320 Canada Specific Grants	275,000	0	0	0	0	0	275,000
	<b>550,000</b>	<b>275,000</b>	<b>275,000</b>	<b>Total</b>	325,000	0	175,000	50,000	0	0	550,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	No Operating Budget Impact.				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017	September 1, 2017	Growth: 100.0 % Maintenance: 0.0 %		Pat Delmore				2018			



# Project Version Summary

<b>Project #</b>	TRN-008-17	<b>Service Area</b>	Transportation Services Office
<b>Budget Year</b>	2017	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Administration - Transit Windsor
<b>Title</b>	Transit Windsor Fare Structure Review		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<p>Included in this project is the implementation of software and website design that customers can utilize and purchase fare products i.e. mobile ticketing and electronic fare payment. Transit industry recognizes that introducing technology to customers helps build and strengthen transit ridership.</p> <p>NOTE: Project submitted for PTIF funding which will be announced January 2017. As such Federal Grant funding is not yet approved and should the project not receive the grant funding this project may not be proceeding.</p>											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
				Report # C187/2016 was approved by Council on Oct. 3rd/16 for the submission for Public Transit Infrastructure Funding (PTIF).							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	370,000	0	370,000	5410	Construction Contracts - TCA						
2018	0	0	0		370,000	0	0	20,000	0	0	390,000
2019	0	0	0		Total						
2020	20,000	20,000	0		370,000	0	0	20,000	0	0	390,000
2021	0	0	0	<b>Revenues</b>							
2022+	0	0	0	169	Pay As You Go - Capital Reserve						
	<b>390,000</b>	<b>20,000</b>	<b>370,000</b>		0	0	0	20,000	0	0	20,000
<b>Historical Approved Budget</b>				6320	Canada Specific Grants						
					195,000	0	0	0	0	0	195,000
				7052	TRANSFER From Capital Projects						
					175,000	0	0	0	0	0	175,000
					Total						
					370,000	0	0	20,000	0	0	390,000
<b>Related Projects</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	No Operating Budget Impact.		0		0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017	June 1, 2017	Growth: 100.0 % Maintenance: 0.0 %		Pat Delmore				December 31, 2017			



## Project Version Summary

<b>Project #</b>	TRN-001-07	<b>Service Area</b>	Transportation Services Office
<b>Budget Year</b>	2017	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Transit Maintenance
<b>Title</b>	Transit Windsor Fleet Replacement Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>This project contains funding for the Transit Windsor fleet replacement program. Prior to 2016, this project included funding for the fleet replacement program and refurbishment or repair costs that extend the useful life of the buses (as reflected in the Historical Approved Budget section). Commencing in 2016, the refurbishment and repair budget funding has been separated into a separate project (project # TRN-001-16). The funding under the Ontario Bus Replacement Program (OBRP) for fleet replacement was cancelled in 2010.</p> <p>Currently, the 2017 Capital Budget does not include a provision to purchase new buses. Typically included in this project, when funding is available, is the annual acquisition of new buses for Transit Windsor and support vehicles which have become increasingly more expensive to maintain due to the age of the fleet. With such a large and varying fleet of buses, an average age of 9.3+ years, and continual fiscal pressures, the City of Windsor commissioned a full lifecycle costing study to determine the optimal cycle of maintenance, renewal and refurbishment of the Transit Windsor fleet. The study was completed and reported to Council in 2016.</p>	<p>Transit Windsor and the City of Windsor will be seeking funding from the federal government for transit-related projects, including funds to support the replacement of the existing rolling stock that has exceeded its expected useful life. The replacement of these buses will improve the overall passenger experience, and provide an opportunity for Transit Windsor to encourage commuters to use public transit as their primary mode of transportation. Replacing these buses will also enhance the environment of our neighbourhoods by fostering healthy lifestyles and integrating environmentally friendly transportation systems.</p> <p>The introduction of new and modern vehicles will be another step in the process to encourage behavioural change in the community by improving the competitiveness and attractiveness of public transport. Ultimately the goal is to double the transit modal split by encouraging non-riders to take public transit for selected trips rather than drive their cars and to expand the system to improve service in the region of Windsor and Essex County.</p> <p>The primary reason for undertaking this project is that the current age of the Transit Windsor fleet is 9.3 years with the oldest bus in the fleet being a 1986 vehicle which is operated on a daily basis. In the industry, buses have a projected life expectancy of 12 years with some properties keeping their buses as long as 18 years. Transit Windsor has 40 buses over the normal retirement age of 12 years. Two (2) of these buses have high floors and are not accessible. Sixteen (16) of these buses are first generation low floor buses between the ages of 16 and 18 years (1997-1999). These buses are costly to maintain and are not environmentally friendly. Transit Windsor has difficulty procuring repair parts and has to salvage parts from other buses to keep the buses on the road. The immediate replacement of these 26 vehicles with newer clean diesel buses will reduce the GHG emissions and allow Transit Windsor to dispose of any bus older than 12 years. The average age of the Transit Windsor fleet will be reduced to approximately six years. Transit Windsor's operations will become more efficient with repairs less costly and these funds can be redirected into providing and expanding service.</p> <p>In addition to the benefit to Transit Windsor's ridership, the regional community will also benefit from the introduction of an environmentally friendly fleet as this will result in a cleaner community. New buses will be more accessible and modern and replacing the current high floor with lower floor buses will also be especially attractive for seniors and persons with disabilities. Students will also be an important target group as approximately over 40% of the 22,000 full time college and university students live outside the City of Windsor. Lack of transit services has been cited as a barrier to obtaining higher education in a recent survey conducted by the University of Windsor.</p> <p>The City of Windsor budgets for its capital programs using a five year plan. Currently the five year capital plan has funding budgeted for the replacement of conventional buses in 2017 in project TRN-010-17.</p>
<p><b>Project Comments/Reference</b>            (7003812, 7111029, 7131003 Closed)            7109002/7121003/7141015/7151006/7151007</p>	<p><b>Version Comments</b></p>

Project Forecast				Project Detailed Forecast							
		Revenue		GL Account	2017	2018	2019	2020	2021	2022+	Total
Year	Total Expense	Net City Cost	Subsidies								
2017	0	0	0								
2018	0	0	0								
2019	763,108	763,108	0								
2020	2,085,500	2,085,500	0								
2021	3,010,500	3,010,500	0								
2022+	9,031,500	9,031,500	0								
	<b>14,890,608</b>	<b>14,890,608</b>	<b>0</b>								
Historical Approved Budget											
Year	Total Expense	Net City Cost	Subsidies								
2008	5,898,500	4,818,500	1,080,000								
2009	6,509,133	3,904,557	2,604,576								
2010	4,530,500	4,530,500	0								
2011	3,859,554	3,859,554	0								
2012	3,860,500	3,860,500	0								
2013	350,000	350,000	0								
2014	3,510,500	3,510,500	0								
2015	3,510,500	3,510,500	0								
Related Projects				Operating Budget Impact							
				Effective Date	Description	Exp/(Rev)	FTE Impact				
				Unknown	Operating efficiencies are expected as a result of the implementation of the recommendations arising from the lifecycle costing study. Those same recommendations will inform Transit Windsor about future decisions regarding fleet maintenance and replacement.	0	0				
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date							
2007	January 2, 2016	Growth: 0.0 % Maintenance: 0.0 %	Tony Houad	Ongoing							



# Project Version Summary

<b>Project #</b>	TRN-001-08	<b>Service Area</b>	Transportation Services Office
<b>Budget Year</b>	2017	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Transit Maintenance
<b>Title</b>	Transit Windsor Smart Bus Technology/Intelligent Transportation System (ITS) Initiative		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>The Intelligent Transportation System provides a unified computerized system with all components needed in today's modern transit buses including:</p> <ul style="list-style-type: none"> <li>• Automatic Vehicle Location</li> <li>• Computer-Aided Dispatch for real time service monitoring</li> <li>• Real Time Passenger Information Systems including Text/SMS, Interactive Voice Response System, and website information</li> <li>• Automated Stop Announcements</li> <li>• Implementation of security cameras on the buses</li> </ul>	<p>The Management Team at Transit Windsor has recognized that there are opportunities for transformation in some operational areas. For the City of Windsor and Transit Windsor, using smart bus technology would greatly improve the delivery of transit services and benefits provided to passengers in the following ways:</p> <p><b>More Predictable Bus Service</b> Through access to real time information, riders would be able to predict the arrival of their bus at a stop including if it has been delayed for some reason. Passengers will have access via web applications or SMS. Third party applications could publish this information through the City's Open Data Initiative.</p> <p><b>Improved Accessibility</b> The automated announcement of the next bus stop would create a more user friendly and accessible public transportation service for an increasingly diverse population.</p> <p><b>More Reliable Service</b> Operators and the Transit Control Centre could monitor the real time status of buses compared to the planned schedule, thus enabling them to address operational issues as they occur.</p> <p><b>Safer Transit Experience</b> By integrating security cameras into the solution, Transit Windsor will have the ability to review documented video footage and follow up on reported incidents. This could also greatly reduce the costs of insurance claims by those claiming injury onboard buses.</p>
Project Comments/Reference	Version Comments
<p>7139007</p> <p>On July 6, 2015, City Council approved the Intelligent Transportation System (ITS)/Smart Bus Capital Project (CR129/2015) providing a budget of \$2.7 million to move forward with the ITS project.</p> <p>The agreement with the selected vendor, Strategic Mapping, was executed in November, 2015. The project has been progressing well and is on track for a December 2016 implementation.</p> <p>The projected impact on the operating budget has been outlined below, and has been included in the 2017 operating budget development.</p>	<p>The project has \$1.7 million approved under the 2013 Enhanced Capital Spending Plan, \$500,000 funded from the 2012 Fleet Replacement Project and as per CR129/2015, a pre-commitment from the 'planned' 2019 Capital Budget for the Transit Windsor ITS Project. In addition, there have been some amendments to the contract with Strategic Mapping for items related to the ITS project that will enhance customer service and the overall experience for the riders.</p>

Project Forecast			Revenue		Project Detailed Forecast							
Year	Total Expense	Net City Cost	Subsidies	GL Account	2017	2018	2019	2020	2021	2022+	Total	
2017	0	0	0	<b>Expenses</b>								
2018	0	0	0	5110								
2019	500,000	500,000	0	Machinery & Equipment - TCA			500,000	0	0	0	500,000	
2020	0	0	0		0	0	500,000	0	0	0	500,000	
2021	0	0	0		0	0	500,000	0	0	0	500,000	
2022+	0	0	0		0	0	500,000	0	0	0	500,000	
	<b>500,000</b>	<b>500,000</b>	<b>0</b>	<b>Revenues</b>								
				160								
				Capital Expenditure Reserve			220,000	0	0	0	220,000	
					0	0	220,000	0	0	0	220,000	
				169								
				Pay As You Go - Capital Reserve			280,000	0	0	0	280,000	
					0	0	280,000	0	0	0	280,000	
					0	0	500,000	0	0	0	500,000	
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>								
<b>Related Projects</b>				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				2017-01-01	With the project launch target of Q4 2015, the additional operating costs slated to begin in year 2 would begin in 2017. The operating costs of the project for years 2-5, are estimated as a net annual increase of \$160,109 (subject to changes in CPI and annual negotiated increases, as well as offsets by other potential savings and efficiencies). In addition, the staff establishment at Transit Windsor will be adjusted by a net 1 FTE position as a result of the addition of 1 FTE Hardware Support Specialist and the conversion of 1 FTE Statistics and Transit Technology Coordinator to 1 FTE ITS Coordinator. Details of the operating budget impact are listed in the attachment as per Report #17574, CR129/2015.				160,108	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>				<b>Est. Completion Date</b>					
2008	January 1, 2016	Growth: 0.0 % Maintenance: 0.0 %	Tony Houad				2019 & Beyond					



# Project Version Summary

<b>Project #</b>	TRN-001-16	<b>Service Area</b>	Transportation Services Office
<b>Budget Year</b>	2017	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Transit Maintenance
<b>Title</b>	Transit Windsor Fleet Refurbishment/Repair Costs		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Fleet Refurbishment/Repair Costs (Active)		

<b>Project Description</b>				<b>Version Description</b>												
This project has funding for the Transit Windsor fleet refurbishment and repair costs that extend the useful life of the buses.  The 2017 Capital Budget submission includes a provision for refurbishment and repair costs, which is consistent with funding levels provided in prior years.				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.												
<b>Project Comments/Reference</b>				<b>Version Comments</b>												
(Closed: 7151007) / 7161041																
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>												
		<b>Revenue</b>														
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>					
2017	500,000	500,000	0	<b>Expenses</b>												
2018	500,000	500,000	0	2250	Vehicle Maint Parts/Materials											
2019	500,000	500,000	0		500,000	500,000	500,000	500,000	500,000	529,000	3,029,000					
2020	500,000	500,000	0													
2021	500,000	500,000	0													
2022+	529,000	529,000	0													
	<b>3,029,000</b>	<b>3,029,000</b>	<b>0</b>													
<b>Historical Approved Budget</b>																
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<b>Revenues</b>												
2016	471,000	471,000	0	160	Capital Expenditure Reserve											
					0	500,000	0	0	500,000	0	1,000,000					
				169	Pay As You Go - Capital Reserve											
					500,000	0	500,000	500,000	0	529,000	2,029,000					
					500,000	500,000	500,000	500,000	500,000	529,000	3,029,000					
<b>Related Projects</b>				<b>Operating Budget Impact</b>												
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>					
				Unknown	No Operating budget Impact.					0	0					
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>								
2016	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %		Tony Houad				December 31, 2017								





# Project Version Summary

<b>Project #</b>	TRN-002-08	<b>Service Area</b>	Transportation Services Office
<b>Budget Year</b>	2017	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Transit Maintenance
<b>Title</b>	Transit Windsor Fleet Structural Repairs		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>								
This request is to fund the major repair costs to the fleet due to the delay in replacing buses. Transit Windsor expects to continue to accrue costs to keep the existing fleet operational until such time as the older buses can be removed from service.				This provision will assist in replacing major components such as hybrid batteries, DPIM's and the DPF emission system when replacement is required. Industry experience indicates that these two major components start to fail between 6 to 8 years of age. Transit Windsor currently has 29 hybrid vehicles in the fleet and all of these vehicles are currently out of warranty.								
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
(Closed: 7135000/7141016) /7161042												
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>								
2017	0	0	0	5110	Machinery & Equipment - TCA							
2018	0	0	0		0	0	2,500	0	300,000	450,000	752,500	
2019	2,500	2,500	0		Total							
2020	0	0	0		0	0	2,500	0	300,000	450,000	752,500	
2021	300,000	300,000	0	<b>Revenues</b>								
2022+	450,000	450,000	0	160	Capital Expenditure Reserve							
	<b>752,500</b>	<b>752,500</b>	<b>0</b>		0	0	0	0	0	0	0	
<b>Historical Approved Budget</b>												
		<b>Revenue</b>										
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>									
2013	150,000	150,000	0									
2014	300,000	300,000	0									
2016	300,000	300,000	0									
<b>Related Projects</b>				<b>Operating Budget Impact</b>								
				<b>Effective Date</b>	<b>Description</b>	<b>Exp/(Rev)</b>	<b>FTE Impact</b>					
				Unknown	The life cycle of some of the major components (such as the hybrid batteries and the DPIMs) is challenging to predict. There is no definite date or age as to when these components will require replacement. The replacement costs for the Hybrid ESS battery and DPIM controller are estimated at \$60,000 and \$90,000 respectively. Since 18 hybrid buses were purchased in 2009, there is likelihood that these parts will all require replacement at the same time.	0	0					
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>				
2008	January 1, 2016	Growth: 0.0 % Maintenance: 0.0 %		Tony Houad				Ongoing				



# Project Version Summary

<b>Project #</b>	TRN-002-13	<b>Service Area</b>	Transportation Services Office
<b>Budget Year</b>	2017	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Transit Maintenance
<b>Title</b>	Transit Windsor Fuel System Improvements Initiative		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b> <p>The current fuel system was first installed in 1988 and upgraded in 2004. The system was originally designed to track and control distribution of all diesel fuel, gasoline, SAE 40 engine oil and transmission oil. Over the years, the influence of new engine and transmission technologies has led to the introduction of additional oils. Also, different business and work practices have triggered more distribution needs and the current system was never upgraded to accommodate these needs. A request of \$100,000 has been made to upgrade this system.</p> <p>NOTE: Project submitted for PTIF funding which will be announced January 2017. As such Federal Grant funding is not yet approved and should the project not receive the grant funding this project may not be proceeding.</p>				<b>Version Description</b> <p>The budget for Transit Windsor's annual bulk fluids is approximately \$154,000. Currently, Transit Windsor is unable to track the usage of bulk fluids (antifreeze, engine oil, transmission fluid, and window washer fluid) back to the bus fleet, which puts Transit Windsor at risk. This upgrade would allow for the effective management and costing of oil usage, by monitoring usage and costing by kilometre, similar to the monitoring of fuel usage litres by kilometre that is currently in place. Implementation of this system would ensure that proper controls are put in place to safeguard the inventory of bulk fluids. It would also assist in the monthly monitoring of budget versus actual costs in the maintenance area.</p>							
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	50,000	0	50,000	5110	Machinery & Equipment - TCA						
2018	0	0	0		50,000	0	55,000	0	0	0	105,000
2019	55,000	55,000	0		Total						
2020	0	0	0		50,000	0	55,000	0	0	0	105,000
2021	0	0	0	<b>Revenues</b>							
2022+	0	0	0	169	Pay As You Go - Capital Reserve						
	<b>105,000</b>	<b>55,000</b>	<b>50,000</b>		0	0	55,000	0	0	0	55,000
<b>Historical Approved Budget</b>				6320	Canada Specific Grants						
					50,000	0	0	0	0	0	50,000
					Total						
					50,000	0	55,000	0	0	0	105,000
<b>Related Projects</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>
				Unknown	The implementation of a fuel system upgrade would assist in the monthly monitoring of budget versus actual costs in the maintenance area and potentially assist in the identification of waste and tightening of controls in this area.					0	0
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2013	January 1, 2019	Growth: 0.0 % Maintenance: 100.0 %		Tony Houad				2019			



# Project Version Summary

<b>Project #</b>	TRN-005-07	<b>Service Area</b>	Transportation Services Office
<b>Budget Year</b>	2017	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Transit Maintenance
<b>Title</b>	Handi-Transit Bus Acquisitions		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>			
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>											
Bus replacement vehicles which have been listed annually on the MTO Forms. Cost is estimated based on previous purchases, however, Handi Transit plans to access the Metrolinx project in order to obtain the best price possible before purchasing.				2019: Purchase 4 replacement vehicles - approx. cost \$120,000 ea. - \$480,000 2020: Purchase 2 replacement vehicles - approx. cost \$120,000 ea. - \$240,000											
<b>Project Comments/Reference</b>				<b>Version Comments</b>											
(7081003/7091038 Closed) 7151008/7161043															
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>											
		<b>Revenue</b>													
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>				
2017	0	0	0	5110 Machinery & Equipment - TCA											
2018	0	0	0		0	0	480,000	240,000	0	0	720,000				
2019	480,000	480,000	0	Total	0	0	480,000	240,000	0	0	720,000				
2020	240,000	240,000	0	<b>Revenues</b>											
2021	0	0	0	169 Pay As You Go - Capital Reserve											
2022+	0	0	0		0	0	480,000	240,000	0	0	720,000				
	<b>720,000</b>	<b>720,000</b>	<b>0</b>	Total	0	0	480,000	240,000	0	0	720,000				
<b>Historical Approved Budget</b>															
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>												
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												
<b>Related Projects</b>				<b>Operating Budget Impact</b>											
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>				
				Unknown	Handi-Transit acquired (4) four new buses in 2016, with these new vehicles in the fleet we will have 50% of our fleet that should require minimal maintenance in order to meet and maintain MTO requirements.					0	0				
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>							
2007	January 1, 2015	Growth: 0.0 % Maintenance: 0.0 %		Lori Colenutt				2020+							



# Project Version Summary

<b>Project #</b>	TRN-010-17	<b>Service Area</b>	Transportation Services Office
<b>Budget Year</b>	2017	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Transit Maintenance
<b>Title</b>	Acquisition of 40' Clean Diesel Buses		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<p>In a recent life cycle costing review, it was recommended that Transit Windsor adopt a 12 year life cycle for its buses to improve operational efficiencies. This investment of 12 buses in 2017 and 12 buses in 2018 would allow for buses that have exceeded their useful life to be retired. Internal benefits include financial cost savings and operational improvements. A newer fleet improves the customer experience, reliability of service and reduces CO2 emissions.</p> <p>NOTE: Project submitted for PTIF funding which will be announced January 2017. As such Federal Grant funding is not yet approved and should the project not receive the grant funding this project may not be proceeding.</p>											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	6,247,392	0	6,247,392	5110	Machinery & Equipment - TCA						
2018	4,000,000	4,000,000	0		6,247,392	4,000,000	2,247,392	0	0	0	12,494,784
2019	2,247,392	2,247,392	0		<hr/>						
2020	0	0	0		Total	6,247,392	4,000,000	2,247,392	0	0	0 12,494,784
2021	0	0	0	<b>Revenues</b>							
2022+	0	0	0	169	Pay As You Go - Capital Reserve						
					0	4,000,000	2,247,392	0	0	0	6,247,392
	<b>12,494,784</b>	<b>6,247,392</b>	<b>6,247,392</b>	6320	Canada Specific Grants						
					6,247,392	0	0	0	0	0	6,247,392
					Total	6,247,392	4,000,000	2,247,392	0	0	0 12,494,784
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	No Operating Budget Impact.			0	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %		T. Houad				2018			



# Project Version Summary

<b>Project #</b>	TRN-011-17	<b>Service Area</b>	Transportation Services Office
<b>Budget Year</b>	2017	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Transit Maintenance
<b>Title</b>	Implementation of a Hybrid Bus Refurbishing Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<p>Based on 29 hybrid buses purchased in 2009 and 2011, it has been determined that mid life replacement of batteries and power converters is estimated to be approximately \$150,000 per vehicle. Given the age of these vehicles, a rehabilitation program of these components should be undertaken to ensure maximization of bus life expectancy. The mid life rehabilitation program will ensure these hybrid buses are operational and continue to reduce fuel consumption.</p> <p>NOTE: Project submitted for PTIF funding which will be announced January 2017. As such Federal Grant funding is not yet approved and should the project not receive the grant funding this project may not be proceeding.</p>											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	1,200,000	600,000	600,000	5110	Machinery & Equipment - TCA						
2018	0	0	0		1,200,000	0	0	0	0	0	1,200,000
2019	0	0	0		Total						
2020	0	0	0		1,200,000	0	0	0	0	0	1,200,000
2021	0	0	0	<b>Revenues</b>							
2022+	0	0	0	160	Capital Expenditure Reserve						
					600,000	0	0	0	0	0	600,000
				6320	Canada Specific Grants						
					600,000	0	0	0	0	0	600,000
					Total						
	<b>1,200,000</b>	<b>600,000</b>	<b>600,000</b>		1,200,000	0	0	0	0	0	1,200,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	No Operating Budget Impact.			0	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %		Pat Delmore				2018			



# Project Version Summary

<b>Project #</b>	TRN-012-17	<b>Service Area</b>	Transportation Services Office
<b>Budget Year</b>	2017	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Transit Maintenance
<b>Title</b>	Rehabilitation of Concrete Surfaces/Drains in Fuelling and Cleaning Area of the Maintenance Garage		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<p>Given the age of the facility (approximately 37+ years) and that approximately 80 buses travel through this area on a daily basis, repeated exposure to water and salt has resulted in the need for rehabilitation to concrete surfaces and trench drains. This would avoid operational disruptions by ensuring vehicles are serviced on a timely basis.</p> <p>NOTE: Project submitted for PTIF funding which will be announced January 2017. As such Federal Grant funding is not yet approved and should the project not receive the grant funding this project may not be proceeding.</p>											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	65,000	0	65,000	5410 Construction Contracts - TCA							
2018	0	0	0		65,000	0	5,000	0	0	0	70,000
2019	5,000	5,000	0	<b>Total</b>	65,000	0	5,000	0	0	0	70,000
2020	0	0	0	<b>Revenues</b>							
2021	0	0	0	169 Pay As You Go - Capital Reserve			5,000	0	0	0	5,000
2022+	0	0	0								
	<b>70,000</b>	<b>5,000</b>	<b>65,000</b>	6320 Canada Specific Grants							
<b>Historical Approved Budget</b>					35,000	0	0	0	0	0	35,000
				7052 TRANSFER From Capital Projects							
					30,000	0	0	0	0	0	30,000
				<b>Total</b>	65,000	0	5,000	0	0	0	70,000
<b>Related Projects</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	No Operating budget Impact.				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %		T. Houad				August 31, 2017			



# Project Version Summary

<b>Project #</b>	TRN-013-17	<b>Service Area</b>	Transportation Services Office
<b>Budget Year</b>	2017	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Transit Maintenance
<b>Title</b>	Rehabilitation of Concrete Surfaces throughout the Maintenance Garage		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<p>Given the age of the facility (approximately 37 + years), regular maintenance has not kept up with the regular use of the maintenance garage to perform mechanical, structural and facility repairs and inspections. This has caused a significant deterioration of the shop floor. Given the health and safety issues this may cause, immediate attention is required to ensure compliance. Any disruption in completing assigned mechanical tasks will result in delays in repairing the fleet.</p> <p>NOTE: Project submitted for PTIF funding which will be announced January 2017. As such Federal Grant funding is not yet approved and should the project not receive the grant funding this project may not be proceeding.</p>											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	50,000	0	50,000	5410 Construction Contracts - TCA							
2018	0	0	0		50,000	0	50,000	0	0	0	100,000
2019	50,000	50,000	0	Total	50,000	0	50,000	0	0	0	100,000
2020	0	0	0	<b>Revenues</b>							
2021	0	0	0	169 Pay As You Go - Capital Reserve	0	0	50,000	0	0	0	50,000
2022+	0	0	0	6320 Canada Specific Grants	50,000	0	0	0	0	0	50,000
	<b>100,000</b>	<b>50,000</b>	<b>50,000</b>	Total	50,000	0	50,000	0	0	0	100,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	No Operating Budget Impact.			0	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %		T. Houad				2017			



# Project Version Summary

<b>Project #</b>	TRN-014-17	<b>Service Area</b>	Transportation Services Office
<b>Budget Year</b>	2017	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Transit Maintenance
<b>Title</b>	Replacement Of Three High-Speed Doors in the Maintenance Garage		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<p>Transit Windsor currently operates three high speed doors through which buses enter and exit the central garage. Two of these doors were installed over 30 years ago and show signs of deterioration and failures. Replacing these doors will allow minimal disruption to bus traffic entering and exiting the maintenance garage.</p> <p>NOTE: Project submitted for PTIF funding which will be announced January 2017. As such Federal Grant funding is not yet approved and should the project not receive the grant funding this project may not be proceeding.</p>											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	45,000	0	45,000	5410	Construction Contracts - TCA						
2018	0	0	0		45,000	0	45,000	0	0	0	90,000
2019	45,000	45,000	0		Total						
2020	0	0	0		45,000	0	45,000	0	0	0	90,000
2021	0	0	0	<b>Revenues</b>							
2022+	0	0	0	169	Pay As You Go - Capital Reserve						
	<b>90,000</b>	<b>45,000</b>	<b>45,000</b>		0	0	45,000	0	0	0	45,000
<b>Historical Approved Budget</b>				6320	Canada Specific Grants						
					45,000	0	0	0	0	0	45,000
					Total						
					45,000	0	45,000	0	0	0	90,000
<b>Related Projects</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	No Operating Budget Impact			0	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %		T. Houad				2017			





# Project Version Summary

<b>Project #</b>	TRN-017-17	<b>Service Area</b>	Transportation Services Office
<b>Budget Year</b>	2017	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Transit Maintenance
<b>Title</b>	Installation of an Exhaust Unit for Improved Ventilation at Main Transit Terminal		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<p>Given a recent energy audit of the main transit terminal, it was identified that a makeup/exhaust system requires replacement to ensure improved ventilation and efficiencies. This would generate an expected annual savings of \$18,000 in hydro costs. Further, the installation of a carbon monoxide monitoring system would ensure the safety of employees and customers at this facility.</p> <p>NOTE: Project submitted for PTIF funding which will be announced January 2017. As such Federal Grant funding is not yet approved and should the project not receive the grant funding this project may not be proceeding.</p>											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<u>Revenue</u>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>	<b>Expenses</b>							
2017	375,000	0	375,000	5410 Construction Contracts - TCA							
2018	0	0	0		375,000	0	0	375,000	0	0	750,000
2019	0	0	0	<u>Total</u>	<u>375,000</u>	<u>0</u>	<u>0</u>	<u>375,000</u>	<u>0</u>	<u>0</u>	<u>750,000</u>
2020	375,000	375,000	0	<b>Revenues</b>							
2021	0	0	0	169 Pay As You Go - Capital Reserve				375,000	0	0	375,000
2022+	0	0	0	6320 Canada Specific Grants				0	0	0	375,000
	<b>750,000</b>	<b>375,000</b>	<b>375,000</b>	<u>Total</u>	<u>375,000</u>	<u>0</u>	<u>0</u>	<u>375,000</u>	<u>0</u>	<u>0</u>	<u>750,000</u>
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				2017-01-01	Reduction in hydro costs.				(18,000)	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %		T. Houad				2018			



## Project Version Summary

<b>Project #</b>	TRN-018-17	<b>Service Area</b>	Transportation Services Office
<b>Budget Year</b>	2017	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Transit Maintenance
<b>Title</b>	Acquisition of a Commercial Grade Floor Sweeper for Maintenance Garage Floor		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<p>The current equipment is in excess of 20 years old and has exceeded its useful life. Current operating dollars are used to maintain this equipment and could be eliminated by the acquisition of a new commercial grade floor sweeper. This would result in fewer breakdowns and ensure the garage floor is clean of grease and other debris to avoid employee injury.</p> <p>NOTE: Project submitted for PTIF funding which will be announced January 2017. As such Federal Grant funding is not yet approved and should the project not receive the grant funding this project may not be proceeding.</p>											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	42,500	0	42,500	5410	Construction Contracts - TCA						
2018	0	0	0		42,500	0	0	42,500	0	0	85,000
2019	0	0	0								
2020	42,500	42,500	0								
2021	0	0	0								
2022+	0	0	0								
	<b>85,000</b>	<b>42,500</b>	<b>42,500</b>		<b>42,500</b>	<b>0</b>	<b>0</b>	<b>42,500</b>	<b>0</b>	<b>0</b>	<b>85,000</b>
<b>Historical Approved Budget</b>				<b>Revenues</b>							
				169	Pay As You Go - Capital Reserve						
					0	0	0	42,500	0	0	42,500
				6320	Canada Specific Grants						
					42,500	0	0	0	0	0	42,500
					<b>42,500</b>	<b>0</b>	<b>0</b>	<b>42,500</b>	<b>0</b>	<b>0</b>	<b>85,000</b>
<b>Related Projects</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	No Operating Budget Impact.			0	0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %		T. Houad				December 31, 2017			



# Project Version Summary

<b>Project #</b>	TRN-019-17	<b>Service Area</b>	Transportation Services Office
<b>Budget Year</b>	2017	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Transit Maintenance
<b>Title</b>	Acquisition of a Commercial Grade Parts Washer for the Maintenance Garage		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<p>The current equipment is 25 years old and has exceeded its useful life. Current operating dollars are used to maintain this equipment and could be eliminated by the acquisition of a new commercial grade parts washer. This unit is used to high pressure wash bus parts for re-use and to extend their useful life. A new parts washer would eliminate regular breakdowns experienced with the existing equipment and allow improved efficiency of operations.</p> <p>NOTE: Project submitted for PTIF funding which will be announced January 2017. As such Federal Grant funding is not yet approved and should the project not receive the grant funding this project may not be proceeding.</p>											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	37,500	0	37,500	5110 Machinery & Equipment - TCA							
2018	0	0	0		37,500	0	37,500	0	0	0	75,000
2019	37,500	37,500	0	<b>Total</b>	37,500	0	37,500	0	0	0	75,000
2020	0	0	0	<b>Revenues</b>							
2021	0	0	0	169 Pay As You Go - Capital Reserve	0	0	37,500	0	0	0	37,500
2022+	0	0	0	6320 Canada Specific Grants	37,500	0	0	0	0	0	37,500
	<b>75,000</b>	<b>37,500</b>	<b>37,500</b>	<b>Total</b>	37,500	0	37,500	0	0	0	75,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	No Operating Budget Impact.				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %		T. Houad				December 31, 2017			



# Project Version Summary

<b>Project #</b>	TRN-021-17	<b>Service Area</b>	Transportation Services Office
<b>Budget Year</b>	2017	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Transit Maintenance
<b>Title</b>	Acquisition of Fleet Inspection Equipment to Support the Bus Rehabilitation Program		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<p>Nine of the 11 in ground hoists exceed 38 years and have outlived their useful life. Rehabilitation and replacement of this equipment will ensure business continuity and minimize breakdowns, resulting in a more efficient operation through better utilization of resources and equipment. Further, the installation of an inspection service pit will allow for greater throughput and enhancement of preventative maintenance repairs and bus inspection functions.</p> <p>NOTE: Project submitted for PTIF funding which will be announced January 2017. As such Federal Grant funding is not yet approved and should the project not receive the grant funding this project may not be proceeding.</p>											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	387,500	0	387,500	5110	Machinery & Equipment - TCA						
2018	0	0	0		387,500	0	0	387,500	0	0	775,000
2019	0	0	0								
2020	387,500	387,500	0								
2021	0	0	0								
2022+	0	0	0								
	<b>775,000</b>	<b>387,500</b>	<b>387,500</b>								
<b>Historical Approved Budget</b>				<b>Revenues</b>							
				169	Pay As You Go - Capital Reserve						
					0	0	0	387,500	0	0	387,500
				6320	Canada Specific Grants						
					387,500	0	0	0	0	0	387,500
					387,500	0	0	387,500	0	0	775,000
<b>Related Projects</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>
				Unknown	No Operating Budget Impact.				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017	January 1, 2017	Growth: 20.0 % Maintenance: 80.0 %		T. Houad				2018			



# Project Version Summary

<b>Project #</b>	TRN-001-17	<b>Service Area</b>	Transportation Services Office
<b>Budget Year</b>	2017	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Transit Operations
<b>Title</b>	Transit Windsor - Building Maintenance		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>			
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>
<p>Transit Windsor's main office and maintenance garage located at 3700 North Service Road was opened in April 1978 and operates 24 hours a day and 7 days a week. The facility and many of the building components are past their life expectancy which are experiencing greater capital investment needs to maintain, repair or replace aging components. The regular demands of the facility has identified a number of ongoing capital improvements required to enhance the overall operational efficiency of the facility in order to meet the demands of the community that rely on public transit.</p> <p>In 2015, a study was conducted by Parsons Brinckerhoff to develop a Transit Fleet Asset Management Plan that identified strategies for fiscal expenditures that results in a reduction to transit's operating budget. Some of these best practices are transferable to the facility and equipment including implementing a life cycle costing program. The facility has a vast array of equipment that is used to run the garage as well as the facility required to support transit operations. The warranty for most of the equipment in the facility has now expired so this program will fund necessary replacement of equipment and facility improvements. Specific attention to equipment and facility requirements to support maintaining a fleet of 112 buses and supporting vehicles, body shop and mechanic workstations, bus servicing area and the transportation area.</p>

<b>Version Description</b>

<b>Project Comments/Reference</b>

<b>Version Comments</b>

<b>Project Forecast</b>		<b>Revenue</b>	
<u>Year</u>	<u>Total Expense</u>	<u>Net City Cost</u>	<u>Subsidies</u>
2017	0	0	0
2018	0	0	0
2019	0	0	0
2020	0	0	0
2021	0	0	0
2022+	1,040,000	1,040,000	0
	<b>1,040,000</b>	<b>1,040,000</b>	<b>0</b>

<b>Project Detailed Forecast</b>							
<u>GL Account</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022+</u>	<u>Total</u>
<b>Expenses</b>							
5110	Machinery & Equipment - TCA						
	0	0	0	0	0	1,040,000	1,040,000
5410	Construction Contracts - TCA						
	0	0	0	0	0	0	0
Total	0	0	0	0	0	1,040,000	1,040,000
<b>Revenues</b>							
169	Pay As You Go - Capital Reserve						
	0	0	0	0	0	1,040,000	1,040,000
Total	0	0	0	0	0	1,040,000	1,040,000

<b>Historical Approved Budget</b>

<b>Related Projects</b>			<b>Operating Budget Impact</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>
2017	January 1, 2022	Growth: 0.0 % Maintenance: 0.0 %	Tony Houad	2022+



## Project Version Summary

<b>Project #</b>	TRN-002-17	<b>Service Area</b>	Transportation Services Office
<b>Budget Year</b>	2017	<b>Department</b>	Transit Windsor
<b>Asset Type</b>		<b>Division</b>	Transit Operations
<b>Title</b>	Transit Maintenance - Safety Assessment at Transit Windsor Property		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Corporate Property Infrastructure		
<b>Wards</b>	Ward 5, City Wide		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>Transit Windsor has over \$50 million dollars invested in its fleet and equipment and given the community's reliance on public transit, any disruption to Transit Windsor's operations would disadvantage many individuals in the community. Based on the assessment conducted by Windsor Police, Transit Windsor has already implemented low cost recommendations to improve safety at its facility. The report states: "From a Crime Prevention Through Environmental Design (CPTED) perspective, the building is vulnerable to limitations in natural surveillance, combined with deficiencies in access control, activity management, and behavior engineering."</p> <p>The following are larger and more costly solutions required to better secure the site and facility.</p> <ol style="list-style-type: none"> <li>1. Trespassing &amp; Access Control – There is a very tangible risk with trespassing at all hours of the day onto the site and into the building which makes it very easy for anyone to simply gain access into the building. The two perimeter gates on the property are kept wide open to allow easy entry/exit for transit fleet. Better fencing and door/gate access controls could provide a higher level of site security without compromising fleet operations.</li> <li>2. CCTV Cameras - To optimize the security of the entire property, additional CCTV cameras should be added to offer a more comprehensive degree of security and safe guarding of assets.</li> </ol> <p>Estimated cost: Awaiting cost estimates.</p> <p>NOTE: Project submitted for PTIF funding which will be announced January 2017. As such Federal Grant funding is not yet approved and should the project not receive the grant funding this project may not be proceeding.</p>	
Project Comments/Reference	Version Comments

Project Forecast			Revenue		Project Detailed Forecast							
Year	Total Expense	Net City Cost	Subsidies	GL Account	2017	2018	2019	2020	2021	2022+	Total	
2017	90,000	0	90,000	<b>Expenses</b>								
2018	0	0	0	5110	Machinery & Equipment - TCA							
2019	180,000	180,000	0		90,000	0	180,000	0	0	0	270,000	
2020	0	0	0									
2021	0	0	0									
2022+	0	0	0									
	<b>270,000</b>	<b>180,000</b>	<b>90,000</b>									
<b>Historical Approved Budget</b>												
<b>Related Projects</b>												
			<b>Operating Budget Impact</b>									
			<b>Effective Date</b>				<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>
			Unknown				No Operating Budget Impact				0	0
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>			<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %			Tony Houad				June 30, 2017			

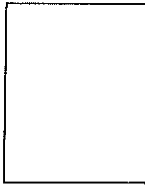




# Project Version Summary

<b>Project #</b>	TRN-003-17	<b>Service Area</b>	Transportation Services Office
<b>Budget Year</b>	2017	<b>Department</b>	Transit Windsor
<b>Asset Type</b>		<b>Division</b>	Transit Operations
<b>Title</b>	Transit Windsor - West End Terminal		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>			
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<p>Transit Windsor administration has been in negotiations to relocate its West End Terminal after they were informed that they would be required to relocate from the College Avenue Community Centre. The attached report to Council outlines that in 1997, Transit Windsor contributed approximately \$102,000 towards the relocation of the west end terminal located at Mill and Baby Streets to College and Brock Street across from the College Avenue Community Centre. Several attempts have been made to negotiate the recovery of the relocation costs that will be incurred to again relocate the West End Terminal, from the sale of the College Avenue Community Centre, however, these attempts were not successful. Transit Windsor is submitting an estimate of the costs that will be required to facilitate a move in 2017.</p> <p>NOTE: Project submitted for PTIF funding which will be announced January 2017. As such Federal Grant funding is not yet approved and should the project not receive the grant funding this project may not be proceeding.</p>											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
See attached document.											
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	200,000	100,000	100,000	5410	Construction Contracts - TCA						
2018	0	0	0		200,000	0	0	0	0	0	200,000
2019	0	0	0		<hr/>						
2020	0	0	0	Total	200,000	0	0	0	0	0	200,000
2021	0	0	0	<b>Revenues</b>							
2022+	0	0	0	169	Pay As You Go - Capital Reserve						
					100,000	0	0	0	0	0	100,000
				6320	Canada Specific Grants						
					100,000	0	0	0	0	0	100,000
				Total	200,000	0	0	0	0	0	200,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
				Unknown	No Operating Budget Impact		0		0		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %		Tony Houad/Steve Haburn				2017			



**THE CORPORATION OF THE CITY OF WINDSOR**

**MISSION STATEMENT:**

*"The City of Windsor, with the involvement of its citizens, will deliver effective and responsive municipal services, and will mobilize innovative community partnerships"*

DPW#198/97

**DATE:** August 27, 1997

**TO:** Chief Administrative Officer

**FROM:** Commissioner of Works  
Acting General Manager, Transit Windsor  
Commissioner of Corporate Services and Treasurer

**RE:-** *Transit Windsor West End Terminal and Reconstruction of College Avenue from South Street to Brock Street- Contract 97-32*

**AIM:**

To recommend the award of the above referenced contract.

**BACKGROUND:**

In a report submitted to City Council on July 14, 1997, approval was given by Council Resolution 810/97 for the relocation of the west end terminal located at Mill and Baby Streets to College and Brock Street across from the College Avenue Community Centre. It was noted in the report that, in partnership with the Parks and Recreation Department, a solution for the relocation of the terminal had been developed which was beneficial for all parties concerned. A partnership funding arrangement with the M.T.O. will provide 50% subsidy for the bus terminal component on condition of its completion by December 31, 1997. It was also noted in the report that the Public Works Department had indicated that there was an insufficient road base on College Avenue to sustain the proposed bus traffic. Included in the tender call is the reconstruction of College Avenue from South Street to Brock Street, which will be funded from the expanded 1994 National Infrastructure Program - Road Rehabilitation. Council will recall that on August 11, 1997 approval was given by resolution CR949/97 for the reallocation of grant funding under the N.I.P. program to continue major road rehabilitation projects such as this.

**COMMENTS:**

The following tenders were received and opened on August 28, 1997:

TENDERER	TENDER AMOUNT
1.- D'Amore Construction (Windsor) Limited 2501 Ouellette Avenue Windsor, Ontario N8X 1L5	\$483,248.00
2. M. R. Dunn Contractors Limited 425 Little Baseline Road R.R. #1 Tecumseh, Ontario N8N 2L9	\$488,531.50*
3.- Coco Paving (1990) Ltd. 6725 South Service Road R.R. #2 Windsor, Ontario N8N 2M1	\$500,980.00
4.- Amico Contracting & Engineering. 2155 Fasan Dr., R. R. #1 Oldeastle, Ontario N0R 1L0	\$517,000.00
5.- Elmara Construction Co. Ltd.. P. O. Box 1329- Windsor, Ontario N9A 6R3	\$547,770.00

DPW#198/97

\* Corrected value.

All tenders were checked and found to be in order with the exception of the tender submitted by M. R. Dunn Contractors Limited which contained an addition error. The corrected M. R. Dunn Contractors Limited tender is shown above.

Based on the low tender, funds required for this project are as follows:

Low Tenderer ( <i>D'Amore Construction Ltd.</i> )	\$ 483,248.00
Contract Administration and Site Supervision	\$ 20,000.00
Interim Financing	\$ 5,000.00
Net G.S.T. Applicable (3%)	\$ 14,497.00
<b>Total Estimated Gross Cost:</b>	<b><u>\$ 522,745.00</u></b>

Less:

Anticipated M.T.O. funding	\$ 100,466.00
National Infrastructure Funding	\$ 211,188.00

**Total Net Cost:** **\$ 211,091.00**

Based on the above sufficient funds are available to carry out this project.

**RECOMMENDATION:**

I.- That the following low tender **BE ACCEPTED**:

<b>Tenderer:</b>	<i>D'Amore Construction Ltd..</i>	
<b>Work:</b>	<i>Transit Windsor West End Terminal and Reconstruction of College Avenue (Contract No. 97-32)</i>	
<b>Total Tendered Price:</b>	<i>\$483,248.00</i>	
<b>Accounts Charged:</b>	<i>07-4400-5410-STD-STD-745045</i>	<i>\$108,625.00</i>
	<i>07-3810-5410-STD-STD-773812</i>	<i>\$102,466.00</i>

- II.- The Mayor and Commissioner of Council Services and City Clerk **BE AUTHORIZED** to sign a contract with the Low Tenderer, satisfactory in form to the Commissioner of Legal and Human Resources.
- III.- Funds in the amount of \$ \$102,466.00 required for the Transit Windsor component of the bus terminal **BE CHARGED** to the 1997 and/or 1998 Operating and Capital Budget as determined by Transit Windsor and the Commissioner of Corporate Services and Treasurer.
- IV.- The Commissioner of Legal and Human Resources **BE AUTHORIZED** to prepare the necessary construction by-law.

\_\_\_\_\_  
COMMISSIONER OF WORKS

\_\_\_\_\_  
COMMISSIONER OF CORPORATE  
SERVICES AND TREASURER

\_\_\_\_\_  
ACTING GENERAL MANAGER OF  
TRANSIT WINDSOR

\_\_\_\_\_  
C. W. WILLS, CGA  
CHIEF ADMINISTRATIVE OFFICER

EN/bmw



# Project Version Summary

<b>Project #</b>	TRN-004-17	<b>Service Area</b>	Transportation Services Office
<b>Budget Year</b>	2017	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Transit Operations
<b>Title</b>	Automatic Passenger Counter		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<p>This project will provide the number, time and location of riders boarding and exiting buses. This solution incorporates 3D camera technology and imaging that differentiates between adults, children, strollers, wheelchairs, etc., thereby allowing for more accurate counts. Internal benefits include ridership predictions and service planning. External benefits include a more attractive service based on predicted ridership patterns.</p> <p>NOTE: Project submitted for PTIF funding which will be announced January 2017. As such Federal Grant funding is not yet approved and should the project not receive the grant funding this project may not be proceeding.</p>											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	200,000	0	200,000	5410 Construction Contracts - TCA							
2018	0	0	0		200,000	0	0	0	0	0	200,000
2019	0	0	0	Total	200,000	0	0	0	0	0	200,000
2020	0	0	0	<b>Revenues</b>							
2021	0	0	0	6320 Canada Specific Grants							
2022+	0	0	0		100,000	0	0	0	0	0	100,000
	<b>200,000</b>	<b>0</b>	<b>200,000</b>	7052 TRANSFER From Capital Projects							
					100,000	0	0	0	0	0	100,000
				Total	200,000	0	0	0	0	0	200,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	No Operating Budget Impact.				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017	January 1, 2017	Growth: 100.0 % Maintenance: 0.0 %		T. Houad				December 31, 2017			



# Project Version Summary

<b>Project #</b>	TRN-006-17	<b>Service Area</b>	Transportation Services Office
<b>Budget Year</b>	2017	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Transit Operations
<b>Title</b>	Additional Intelligent Transportation System Laptops For On Road Supervisory Support Vehicles		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
Installing computers in these vehicles will enhance incident management by allowing the on road supervisor with field access to the same automatic vehicle location information available to dispatch. Provides real time information to supervisors and becomes a mobile dispatch to address on street incidents and monitor service levels.											
NOTE: Project submitted for PTIF funding which will be announced January 2017. As such Federal Grant funding is not yet approved and should the project not receive the grant funding this project may not be proceeding.											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	9,000	0	9,000	5410 Construction Contracts - TCA							
2018	0	0	0		9,000	0	0	0	0	0	9,000
2019	0	0	0	Total	9,000	0	0	0	0	0	9,000
2020	0	0	0	<b>Revenues</b>							
2021	0	0	0	6320 Canada Specific Grants	4,500	0	0	0	0	0	4,500
2022+	0	0	0	7052 TRANSFER From Capital Projects	4,500	0	0	0	0	0	4,500
	<b>9,000</b>	<b>0</b>	<b>9,000</b>	Total	9,000	0	0	0	0	0	9,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	No Operating Budget Impact.				0	0	
<b>Related Projects</b>											
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017	January 1, 2017	Growth: 100.0 % Maintenance: 0.0 %		T. Houad				2017			



## Project Version Summary

<b>Project #</b>	TRN-007-17	<b>Service Area</b>	Transportation Services Office
<b>Budget Year</b>	2017	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Transit Operations
<b>Title</b>	Installation of Eight LED Outdoor Message Signs At Bus Stops and Two Flat Panel Indoor Displays		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
Eight outdoor LED signs and two indoor flat panel displays will be coupled with cellular data communication modems and antennas that will enable wireless connection to the central automatic vehicle location system. Signs will display predicted departure and arrival times by route or stop, public service information/announcements, current time, temperature and map display.											
NOTE: Project submitted for PTIF funding which will be announced January 2017. As such Federal Grant funding is not yet approved and should the project not receive the grant funding this project may not be proceeding.											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	200,000	0	200,000	5410 Construction Contracts - TCA							
2018	0	0	0		200,000	0	0	0	0	0	200,000
2019	0	0	0	Total	200,000	0	0	0	0	0	200,000
2020	0	0	0	<b>Revenues</b>							
2021	0	0	0	6320 Canada Specific Grants							
2022+	0	0	0		100,000	0	0	0	0	0	100,000
	<b>200,000</b>	<b>0</b>	<b>200,000</b>	7052 TRANSFER From Capital Projects							
					100,000	0	0	0	0	0	100,000
				Total	200,000	0	0	0	0	0	200,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	No Operating Budget Impact.				0	0	
<b>Related Projects</b>											
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017	January 1, 2017	Growth: 100.0 % Maintenance: 0.0 %		T. Houad				December 31, 2017			



# Project Version Summary

<b>Project #</b>	TRN-020-17	<b>Service Area</b>	Transportation Services Office
<b>Budget Year</b>	2017	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Transit Operations
<b>Title</b>	Renovations and Enhancements to the Transportation Services Area		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<p>Since the construction of the facility in 1979, the transportation area and central dispatch at the main transit terminal have expanded to support new technologies, including the Intelligent Transportation System. These new technology improvements facilitate the need to enhance existing facilities to ensure effective communication to on street service. Improvements in communication allow for better functionality with bus drivers and customers through real time information.</p> <p>NOTE: Project submitted for PTIF funding which will be announced January 2017. As such Federal Grant funding is not yet approved and should the project not receive the grant funding this project may not be proceeding.</p>											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	100,000	0	100,000	5410 Construction Contracts - TCA							
2018	0	0	0		100,000	0	0	100,000	0	0	200,000
2019	0	0	0	<b>Total</b>	100,000	0	0	100,000	0	0	200,000
2020	100,000	100,000	0	<b>Revenues</b>							
2021	0	0	0	169 Pay As You Go - Capital Reserve				100,000	0	0	100,000
2022+	0	0	0	6320 Canada Specific Grants				0	0	0	100,000
	<b>200,000</b>	<b>100,000</b>	<b>100,000</b>	<b>Total</b>	100,000	0	0	100,000	0	0	200,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	No Operating Budget Impact.				0	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %		T. Houad				2018			



# Project Version Summary

<b>Project #</b>	TRN-009-17	<b>Service Area</b>	Transportation Services Office
<b>Budget Year</b>	2017	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Transit Planning
<b>Title</b>	Restoration of Multiple Transit Windsor Pedestrian Shelters		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>								
<p>The purchase of up to 152 bus shelters equipped with solar lighting and solar advertising panels, along with refurbishing of up to 41 existing bus shelters, will assist in providing enhanced customer amenities. External benefits would increase our shelter coverage from 13% to 20% within our service area.</p> <p>NOTE: Project submitted for PTIF funding which will be announced January 2017. As such Federal Grant funding is not yet approved and should the project not receive the grant funding this project may not be proceeding.</p>												
<b>Project Comments/Reference</b>				<b>Version Comments</b>								
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>								
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>	
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>								
2017	520,000	20,000	500,000	5410	Construction Contracts - TCA							
2018	20,000	20,000	0		520,000	20,000	120,000	320,000	20,000	0	1,000,000	
2019	120,000	120,000	0		Total							
2020	320,000	320,000	0		520,000	20,000	120,000	320,000	20,000	0	1,000,000	
2021	20,000	20,000	0	<b>Revenues</b>								
2022+	0	0	0	127	Dev Chg - Transit							
	<b>1,000,000</b>	<b>500,000</b>	<b>500,000</b>		20,000	20,000	20,000	20,000	20,000	0	100,000	
<b>Historical Approved Budget</b>				169	Pay As You Go - Capital Reserve							
					0	0	100,000	300,000	0	0	400,000	
				6320	Canada Specific Grants							
					500,000	0	0	0	0	0	500,000	
					Total	520,000	20,000	120,000	320,000	20,000	0	1,000,000
<b>Related Projects</b>				<b>Operating Budget Impact</b>								
				<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				2017-01-01	Reduction in hydro costs by installing solar shelters (\$30,000). Increase in revenue due to increase in number of advertising shelters (\$66,000). Increase in maintenance costs of \$14,000 just for cleaning however full maintenance plan has to be put in place to include snow removal, moving shelters, repairs to glass etc.					(82,000)	0	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>	<b>Project Lead</b>	<b>Est. Completion Date</b>								
2017	January 1, 2017	Growth: 30.0 % Maintenance: 70.0 %	S. Habrun	2018								





# Project Version Summary

<b>Project #</b>	TRN-015-17	<b>Service Area</b>	Transportation Services Office
<b>Budget Year</b>	2017	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Transit Sales & Customer Service
<b>Title</b>	Expansion of Customer Service Parking to Support Increased Demand		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>									
<p>In recent years, Transit Windsor has focused on expanding transit customer service to provide a full range of fare products. As a result, there is limited parking space to facilitate these initiatives. Providing additional parking will improve the customer experience through convenience and efficiency.</p> <p>NOTE: Project submitted for PTIF funding which will be announced January 2017. As such Federal Grant funding is not yet approved and should the project not receive the grant funding this project may not be proceeding.</p>													
<b>Project Comments/Reference</b>				<b>Version Comments</b>									
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>									
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>		
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>									
2017	10,000	0	10,000	5410	Construction Contracts - TCA								
2018	0	0	0		10,000	0	10,000	0	0	0	20,000		
2019	10,000	10,000	0										
2020	0	0	0										
2021	0	0	0										
2022+	0	0	0										
	<b>20,000</b>	<b>10,000</b>	<b>10,000</b>										
<b>Historical Approved Budget</b>				<b>Revenues</b>									
				169	Pay As You Go - Capital Reserve								
					0	0	10,000	0	0	0	10,000		
				6320	Canada Specific Grants								
					10,000	0	0	0	0	0	10,000		
					10,000	0	10,000	0	0	0	20,000		
<b>Related Projects</b>				<b>Operating Budget Impact</b>									
				<b>Effective Date</b>	<b>Description</b>			<b>Exp/(Rev)</b>	<b>FTE Impact</b>				
				Unknown	No Operating Budget Impact.			0	0				
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>					
2017	January 1, 2017	Growth: 0.0 % Maintenance: 0.0 %		T. Houad				December 31, 2017					



# Project Version Summary

<b>Project #</b>	TRN-016-17	<b>Service Area</b>	Transportation Services Office
<b>Budget Year</b>	2017	<b>Department</b>	Transit Windsor
<b>Asset Type</b>	Unassigned	<b>Division</b>	Transit Sales & Customer Service
<b>Title</b>	Renovations And Enhancements To Customer Service Area At The Main Transit Terminal		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	City Wide		
<b>Version Name</b>	Main (Active)		

<b>Project Description</b>				<b>Version Description</b>							
<p>Since the construction of the facility in 1979, the customer service area at the main transit terminal has expanded its services to the public. This project includes reconfiguring the accessible entrance and customer service counter area to reflect current business practices and needs. The proposed renovations would enhance the security of the area to ensure safety for employees and customers.</p> <p>NOTE: Project submitted for PTIF funding which will be announced January 2017. As such Federal Grant funding is not yet approved and should the project not receive the grant funding this project may not be proceeding.</p>											
<b>Project Comments/Reference</b>				<b>Version Comments</b>							
<b>Project Forecast</b>				<b>Project Detailed Forecast</b>							
		<b>Revenue</b>		<b>GL Account</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022+</b>	<b>Total</b>
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>							
2017	20,000	0	20,000	5410 Construction Contracts - TCA							
2018	0	0	0		20,000	0	20,000	0	0	0	40,000
2019	20,000	20,000	0	<b>Total</b>	20,000	0	20,000	0	0	0	40,000
2020	0	0	0	<b>Revenues</b>							
2021	0	0	0	169 Pay As You Go - Capital Reserve			20,000	0	0	0	20,000
2022+	0	0	0	6320 Canada Specific Grants			0	0	0	0	20,000
	<b>40,000</b>	<b>20,000</b>	<b>20,000</b>	<b>Total</b>	20,000	0	20,000	0	0	0	40,000
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>							
				<b>Effective Date</b>	<b>Description</b>				<b>Exp/(Rev)</b>	<b>FTE Impact</b>	
				Unknown	No Operating Budget Impact.				0	0	
<b>Related Projects</b>											
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Type for 2017</b>		<b>Project Lead</b>				<b>Est. Completion Date</b>			
2017	January 1, 2017	Growth: 0.0 % Maintenance: 100.0 %		T. Houad				December 31, 2017			



# Project Version Summary

<b>Project #</b>	ECP-010-09	<b>Service Area</b>	Transportation Services Office
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Airport
<b>Asset Type</b>	Unassigned	<b>Division</b>	Windsor-Airport
<b>Title</b>	Airport Various Asset Replacement/Refurbishment/Upgrades		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	Ward 9		
<b>Version Name</b>	Main (Active)		

<p><b>Project Description</b></p> <p>The construction or rehabilitation of various aprons, taxiways and runways noted within the 10-yr. capital program dated 2005-2014.          Apron 1 rehabilitation and Golf West Taxiway was due in 2005-2006.          Apron 111 rehabilitation and Delta Taxiway was due in 2008-2009.          Runway 12-30 rehabilitation was due in 2015.</p> <p>YQG has requested items as outlined in the attached YQG letter. However, due to limited capital funding, YQG will prioritize funds based on a reactive/urgent need to ensure continuous and safe operation at the Airport.</p>	<p><b>Version Description</b></p> <p>2017: \$310,000 – Replacement of E power feeds to the glide-path, localizer, the receiver / transmitter sites and Runway 25 approach          \$45,000 – Replacement of one Flex Winged Mower          \$65,000 – Replacement of 6 automatic entrance doors to the ATB          \$40,000 – Replacement of the FEC roof and refurbishment of the storage garage</p> <p>2018: \$160,000 – Drainage work          \$40,000 – Replacing roof on the 3rd floor and tower cab          \$3,200,000 – Rehabilitation of Runway 12-30 Note: Represents total required expenditures with funding available in future years.</p> <p>2019: \$1,210,000 – Reconstruction of Hayes Road          \$140,000 – Replacement of the two wheel drive tractor          \$150,000 – Replacement of the 3rd floor and tower HVAC          \$1,167,000 – Replacement of Apron 1</p> <p>2020: \$1,311,000 – Replacement of the Apron 3 slab sections and rehabilitation of Taxiway D          \$700,000 – Replacement of the 1995 E-One fire truck          \$200,000 – Replacement of the baggage carousel in the International Wing          \$55,000 – Replacement of one Flex Winged Mower          \$55,000 – Replacement of pick-up truck – staff vehicle #26          \$175,000 – Replacement of backhoe</p> <p>2021: \$750,000 – Replacement of runway edge and approach lighting systems          \$260,000 – Replacement of the 4-wheeled front-end loader          \$40,000 – Replacement of Man Lift Unit</p>																																																																																																										
<p><b>Project Comments/Reference</b></p> <p>7141055          See attached YQG letter approved by YQG Board of Directors.</p>	<p><b>Version Comments</b></p> <p>This project is being submitted for available ACAP funding to offset the total cost of runway construction, provided the application is successful. Additional financing costs have been incorporated into the funding requirements, as funds will likely be spent in advance of being received.</p>																																																																																																										
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Related Projects		Operating Budget Impact			
Precedes	Project Title	Effective Date	Description	Exp/(Rev)	FTE Impact
ECP-046-07	Airport Capital Improvements	Unknown	These works are all related to replacement and refurbishment of existing equipment and are expected to result in decreased maintenance costs.	0	0
Year Identified	Start Date	Project Type for 2017	Project Lead	Est. Completion Date	
2009	January 1, 2016	Growth: 0.0 % Maintenance: 100.0 %	France Isabelle Tunks	Ongoing	



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

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

October 12<sup>th</sup> 2016

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

**Attention: Onorio Colucci, Chief Administrative Officer**

Dear Mr. Colucci;

**RE: AMENDED FIVE (5) YEAR CAPITAL PLAN FOR AIRPORT OPERATIONS  
 YOUR QUICK GATEWAY (WINDSOR) INC.**

---

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

**Airport Operations**

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

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

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

Some of the projects identified below qualify and may be eligible for funding under the Federal Airport Capital Assistance Plan (ACAP). Application to ACAP has been made for this funding for 2 of the identified projects and will be made for the others before the end of the year.

The five-year capital budget for Airport operations is summarized in the following table.

	2017	2018	2019	2020	2021
Asset Management	\$500,000	\$100,000	\$345,000	\$380,000	\$380,000
Asset Replacement	\$460,000	\$3,400,000	\$2,667,000	\$2,496,000	\$1,050,000
<b>Total Capital</b>	<b>\$960,000</b>	<b>\$3,500,000</b>	<b>\$3,012,000</b>	<b>\$2,876,000</b>	<b>\$1,430,000</b>

**2017**

**Asset Management**

There are no changes to the amount of \$500,000 that was previously approved in principle. This funding is required for ongoing pavement rehabilitation (\$100,000); a fuel tank management system (\$45,000); airside window glazing (\$20,000); storm water drainage (\$300,000); and new fencing for the long term parking lot (\$35,000).

**Asset Replacement**

There are no changes to the amount of \$460,000 that was previously approved in principle. This funding is required for the replacement of the emergency power feeds to the glide path, localizer, the receiver/transmitter sites and the Runway 07-25 approach (\$310,000); replacement of one Flex-winged Mower (\$45,000); Replacement of 6 automatic entrance doors to the ATB (\$65,000), the centre and east vestibule doors are heavily used and have required many costly repairs over the past 3 years. Replacement of the roof of the Field Electrical Centre and refurbishment of the storage garage (\$40,000).

**2018**

**Asset Management**

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

**Asset Replacement**

The amount of \$200,000 that was previously approved in principle will be required for drainage (\$160,000) and replacing the roof on the 3<sup>rd</sup> floor of the Airport terminal Building and the Air Traffic Control Tower (\$40,000).

The following new request is submitted for City Council’s consideration: Rehabilitation of Runway 12-30 (\$3,200,000). Runway 12-30 is nearing the end of its useful life and will require significant rehabilitation to permit its continued use. The runway way was last milled and paved in 1994. A recent visual inspection by a Transport Canada engineer has raised concerns. Application to Airport Capital Assistance Program funding has been made and this project may qualify for up to \$900,000, thereby reducing the City’s contribution to \$2,300,000. If significant improvements cannot be made to this runway within the next 3 years, the airport would risk having to close the runway for landings and take offs, and limit the use to taxiing purposes.

## **2019**

### **Asset Management**

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

### **Asset Replacement**

For 2019 YQG is requesting the \$1,500,000 which was previously approved in principle to undertake the following projects:

1. Reconstruction of Hayes Road (\$1,210,000). This airport road is used by the general public, transport trucks and fire trucks. After 40 years without rehabilitation, the road is now in disrepair.
2. Replacement of the two wheel drive Tractor (\$140,000). This tractor will be 26 years old and due to its usage will have exceeded its life expectancy.
3. Replacement of the 3<sup>rd</sup> floor and Tower HVAC (\$150,000). This equipment will be 34 years old and will be near the end of its useful life. New units will be more efficient and will require less maintenance.

In addition, the following new request is submitted for City Council's consideration: Replacement of Apron 1 (\$1,167,000). This apron is at the end of its useful life. It was built in 1934 and last overlaid in 1982. This apron requires significant repair and maintenance annually. This project does not qualify for ACAP funding. This apron is often used as a taxiway from the Air Terminal Building to the threshold of Runway 07 for commercial passenger traffic. It also provides parking for small cargo planes, and serves as an area for small aircraft to enter the Windsor Flying Club and the Air Cadets Hangar.

## **2020**

### **Asset Management**

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

### **Asset Replacement**

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

1. Replacement of the Apron 3 slab sections and rehabilitation of Taxiway D (\$1,311,000). Sections of the apron and the taxiway are near the end of their useful life. The slab and the taxiway were installed in 1956 and sections of the taxiway were last overlaid in 1980. Recent inspections on the apron suspect a failing granular base under many of the slabs. This may have happened due to some failing drainage infrastructure which has since been repaired. Application will be made to ACAP for funding assistance of up to 60% for the apron slab replacement work.
2. Replacement of the 1995 E-One fire truck (\$700,000) Application to ACAP funding will be made in 2016 and will qualify for up to 60% of costs associated with the acquisition of this vehicle.

The 1995 truck will remain active and the airport will be able to support category 8 emergency fire suppression for aircraft.

3. Replacement of the baggage carousel in the International Wing (\$200,000). This carousel was partially refurbished in 2014/15 but many of the parts had to be custom machined as the manufacturer is no longer in business and parts are not available.
4. Replacement of one Flex Winged Mower (\$55,000). The current mower will be at the end of its useful life.
5. Replacement of Pick-up Truck- Staff vehicle # 26, (\$55,000). This truck will be 15 years old and in need of replacement.
6. Replacement of a backhoe, (\$175,000) current backhoe is 1976 and requires considerable maintenance.

## **2021**

### **Asset Management**

YQG is requesting \$380,000. This funding is required for ongoing Drainage Maintenance and culvert replacement, (\$220,000), Pavement Maintenance (\$100,000) upgrading of the Runway Condition Reporting System (\$35,000) and Computer Upgrades (\$25,000)

### **Asset Replacement**

YQG is requesting \$1,050,000 for the replacement or rehabilitation of the following:

1. Replacement of the runway edge and approach lighting systems (\$750,000). This equipment was installed in 1977 and 1980 respectively and is now failing electrical tests. A new LED edge lighting system will improve reliability, cut both maintenance and electrical costs. This project also qualifies for ACAP funding assistance for up to 60%. Other federal or provincial assistance programs may be available for projects that reduce electrical usage.
2. Replacement of the 4 wheeled front-end loader (\$260,000). The current loader will be 27 years old and is currently showing significant wear. This Equipment should be eligible for ACAP funding for up to 55% of the cost.
3. Replacement of Man Lift Unit (\$40,000)

## **2022 and Beyond (3 year projection)**

### **Asset Management**

- Annual maintenance of drainage system and pavement (\$200,000)
- Expansion and upgrade of the washrooms in the Airport Terminal Building (\$180,000)
- Painting the interior of the Airport Terminal Building (\$40,000)
- Replace groundside windows and frames of the Airport Terminal Building (\$35,000)
- Replacing the seating in the Airport Terminal Building (\$45,000)
- Computer Upgrades (\$20,000)
- Upgrading the Runway Condition Reporting System (\$35,000)
- Upgrading the washroom facilities in the Combined Services Building (\$80,000)
- Taxiway Alpha refurbishment (\$110,000)



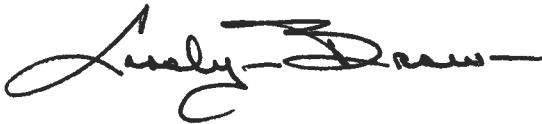
**Asset Replacement**

- Rehabilitation of Runway 07-25 (\$6,500,000). Runway 07-25 is nearing the end of its useful life and will require significant rehabilitation to permit its continued use. The runway was last milled and paved in 2003. This project will qualify for ACAP funding assistance of up to 55% of its total cost. Runway 07-25 is the airport’s main runway and currently supports over 80% of all air traffic for the airport.
- Lighting Upgrades for Runway 12-30 (\$145,000)
- Replacing the old Shell building with a storage building /warehouse (\$185,000)
- Refurbishment of the driveway to Airport Terminal Building (\$120,000)
- Lighting Upgrade for Aprons at Airport Terminal Building and Combined Services Building (Change to LED or high efficiency lighting - \$ 70,000)
- Replacement of Emergency Generator (\$250,000)
- Replace 1998 2 wheel drive tractor (\$150,000)
- Replace small 1990 4 wheel drive tractor (\$55,000)
- Addition to maintenance garage (\$160,000)

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

Sincerely,

**YOUR QUICK GATEWAY (WINDSOR) INC.**



Carolyn A. Brown  
Chief Executive Officer

cc: Airport Coordinating Committee

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## Project Version Summary

<b>Project #</b>	ECP-046-07	<b>Service Area</b>	Transportation Services Office
<b>Budget Year</b>	2017	<b>Department</b>	Windsor Airport
<b>Asset Type</b>	Unassigned	<b>Division</b>	Windsor-Airport
<b>Title</b>	Airport Capital Improvements		
<b>Budget Status</b>	Capital Bdgt. Exec. Comm. (CBC) Recommended		
<b>Major Category</b>	Transportation Infrastructure		
<b>Wards</b>	Ward 9		
<b>Version Name</b>	Main (Active)		

Project Description	Version Description
<p>YQG has requested various items as outlined in the attached YQG letter. However, due to limited capital funding, YQG must prioritize those capital items to ensure the continuous and safe operations of the Airport.</p>	<p>2017: \$100,000 – Ongoing pavement rehabilitation            \$45,000 – Fuel Tank Management system            \$20,000 – Airside window glazing            \$300,000 – Storm Water drainage            \$35,000 – New fencing for the long term parking lot            Note: Timing of \$40,000 in expenditures to be carried out in 2018 when funding is available.            2018: \$100,000 – Storm water drainage project and pavement rehabilitation            2019: \$85,000 – Ongoing pavement rehabilitation            \$50,000 – Replacement of Staff 21 pickup            \$210,000 – Fire suppression mains            2020: \$100,000 – Ongoing drainage maintenance            \$100,000 – Ongoing pavement maintenance            \$40,000 – Painting the exterior of the Combined Services Building and steel dry storage building            \$140,000 – HVAC upgrades RTU #2 &amp; #3            2021: \$220,000 – Ongoing drainage maintenance and culvert replacement            \$100,000 – Pavement maintenance            \$35,000 – Upgrading Runway Condition Reporting System            \$25,000 – Computer upgrades</p>
Project Comments/Reference	Version Comments
<p>(Closed: 7059011/7111009)            7141054 Drainage Improv.            7141055 Electrical-Fleet-Facilities            See attached YQG letter dated August 12, 2015 and approved by YQG Board of Directors.</p>	<p>Additional project funds (\$2.5m) have been pre-approved in principle as a placeholder in the 2014 Approved Capital Budget. CR89/2014 Report #17088 approves this placeholder.</p>

Project Forecast				Project Detailed Forecast									
		Revenue		GL Account	2017	2018	2019	2020	2021	2022+	Total		
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Expenses</b>									
2017	460,000	460,000	0	5410	Construction Contracts - TCA								
2018	140,000	140,000	0		460,000	140,000	345,000	380,000	380,000	745,000	2,450,000		
2019	345,000	345,000	0		Total								
2020	380,000	380,000	0		460,000	140,000	345,000	380,000	380,000	745,000	2,450,000		
2021	380,000	380,000	0	<b>Revenues</b>									
2022+	745,000	745,000	0	028	Sewer Surcharge								
<b>2,450,000</b>	<b>2,450,000</b>	<b>0</b>			300,000	100,000	0	0	220,000	0	620,000		
<b>Historical Approved Budget</b>				<b>Operating Budget Impact</b>									
<b>Year</b>	<b>Total Expense</b>	<b>Net City Cost</b>	<b>Subsidies</b>	<b>Effective Date</b>	<b>Description</b>					<b>Exp/(Rev)</b>	<b>FTE Impact</b>		
2009	250,000	250,000	0	Unknown	These works are all related to rehabilitation and repair of existing Airport facilities and are expected to result in decreased operating costs, going forward.					0	0		
2010	310,000	310,000	0	<b>Follows</b>									
2011	660,000	660,000	0	ECP-010-09									
2012	660,000	510,000	150,000	Project Title									
2013	260,000	260,000	0	Airport Various Asset									
2014	400,000	400,000	0	Replacement/Refurbishment/Upgrades									
2015	150,000	150,000	0	<b>Year Identified</b>									
2016	650,000	650,000	0	<b>Start Date</b>			<b>Project Type for 2017</b>			<b>Project Lead</b>			
				2007			January 1, 2015			Growth: 0.0 % Maintenance: 100.0 %		France Isabelle Tunks	
										Ongoing			



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

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

October 12<sup>th</sup> 2016

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

**Attention: Onorio Colucci, Chief Administrative Officer**

Dear Mr. Colucci;

**RE: AMENDED FIVE (5) YEAR CAPITAL PLAN FOR AIRPORT OPERATIONS  
 YOUR QUICK GATEWAY (WINDSOR) INC.**

---

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

**Airport Operations**

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

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

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

Some of the projects identified below qualify and may be eligible for funding under the Federal Airport Capital Assistance Plan (ACAP). Application to ACAP has been made for this funding for 2 of the identified projects and will be made for the others before the end of the year.

The five-year capital budget for Airport operations is summarized in the following table.

	2017	2018	2019	2020	2021
Asset Management	\$500,000	\$100,000	\$345,000	\$380,000	\$380,000
Asset Replacement	\$460,000	\$3,400,000	\$2,667,000	\$2,496,000	\$1,050,000
<b>Total Capital</b>	<b>\$960,000</b>	<b>\$3,500,000</b>	<b>\$3,012,000</b>	<b>\$2,876,000</b>	<b>\$1,430,000</b>

**2017**

**Asset Management**

There are no changes to the amount of \$500,000 that was previously approved in principle. This funding is required for ongoing pavement rehabilitation (\$100,000); a fuel tank management system (\$45,000); airside window glazing (\$20,000); storm water drainage (\$300,000); and new fencing for the long term parking lot (\$35,000).

**Asset Replacement**

There are no changes to the amount of \$460,000 that was previously approved in principle. This funding is required for the replacement of the emergency power feeds to the glide path, localizer, the receiver/transmitter sites and the Runway 07-25 approach (\$310,000); replacement of one Flex-winged Mower (\$45,000); Replacement of 6 automatic entrance doors to the ATB (\$65,000), the centre and east vestibule doors are heavily used and have required many costly repairs over the past 3 years. Replacement of the roof of the Field Electrical Centre and refurbishment of the storage garage (\$40,000).

**2018**

**Asset Management**

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

**Asset Replacement**

The amount of \$200,000 that was previously approved in principle will be required for drainage (\$160,000) and replacing the roof on the 3<sup>rd</sup> floor of the Airport terminal Building and the Air Traffic Control Tower (\$40,000).

The following new request is submitted for City Council’s consideration: Rehabilitation of Runway 12-30 (\$3,200,000). Runway 12-30 is nearing the end of its useful life and will require significant rehabilitation to permit its continued use. The runway way was last milled and paved in 1994. A recent visual inspection by a Transport Canada engineer has raised concerns. Application to Airport Capital Assistance Program funding has been made and this project may qualify for up to \$900,000, thereby reducing the City’s contribution to \$2,300,000. If significant improvements cannot be made to this runway within the next 3 years, the airport would risk having to close the runway for landings and take offs, and limit the use to taxiing purposes.

## **2019**

### **Asset Management**

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

### **Asset Replacement**

For 2019 YQG is requesting the \$1,500,000 which was previously approved in principle to undertake the following projects:

1. Reconstruction of Hayes Road (\$1,210,000). This airport road is used by the general public, transport trucks and fire trucks. After 40 years without rehabilitation, the road is now in disrepair.
2. Replacement of the two wheel drive Tractor (\$140,000). This tractor will be 26 years old and due to its usage will have exceeded its life expectancy.
3. Replacement of the 3<sup>rd</sup> floor and Tower HVAC (\$150,000). This equipment will be 34 years old and will be near the end of its useful life. New units will be more efficient and will require less maintenance.

In addition, the following new request is submitted for City Council's consideration: Replacement of Apron 1 (\$1,167,000). This apron is at the end of its useful life. It was built in 1934 and last overlaid in 1982. This apron requires significant repair and maintenance annually. This project does not qualify for ACAP funding. This apron is often used as a taxiway from the Air Terminal Building to the threshold of Runway 07 for commercial passenger traffic. It also provides parking for small cargo planes, and serves as an area for small aircraft to enter the Windsor Flying Club and the Air Cadets Hangar.

## **2020**

### **Asset Management**

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

### **Asset Replacement**

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

1. Replacement of the Apron 3 slab sections and rehabilitation of Taxiway D (\$1,311,000). Sections of the apron and the taxiway are near the end of their useful life. The slab and the taxiway were installed in 1956 and sections of the taxiway were last overlaid in 1980. Recent inspections on the apron suspect a failing granular base under many of the slabs. This may have happened due to some failing drainage infrastructure which has since been repaired. Application will be made to ACAP for funding assistance of up to 60% for the apron slab replacement work.
2. Replacement of the 1995 E-One fire truck (\$700,000) Application to ACAP funding will be made in 2016 and will qualify for up to 60% of costs associated with the acquisition of this vehicle.

The 1995 truck will remain active and the airport will be able to support category 8 emergency fire suppression for aircraft.

3. Replacement of the baggage carousel in the International Wing (\$200,000). This carousel was partially refurbished in 2014/15 but many of the parts had to be custom machined as the manufacturer is no longer in business and parts are not available.
4. Replacement of one Flex Winged Mower (\$55,000). The current mower will be at the end of its useful life.
5. Replacement of Pick-up Truck- Staff vehicle # 26, (\$55,000). This truck will be 15 years old and in need of replacement.
6. Replacement of a backhoe, (\$175,000) current backhoe is 1976 and requires considerable maintenance.

## **2021**

### **Asset Management**

YQG is requesting \$380,000. This funding is required for ongoing Drainage Maintenance and culvert replacement, (\$220,000), Pavement Maintenance (\$100,000) upgrading of the Runway Condition Reporting System (\$35,000) and Computer Upgrades (\$25,000)

### **Asset Replacement**

YQG is requesting \$1,050,000 for the replacement or rehabilitation of the following:

1. Replacement of the runway edge and approach lighting systems (\$750,000). This equipment was installed in 1977 and 1980 respectively and is now failing electrical tests. A new LED edge lighting system will improve reliability, cut both maintenance and electrical costs. This project also qualifies for ACAP funding assistance for up to 60%. Other federal or provincial assistance programs may be available for projects that reduce electrical usage.
2. Replacement of the 4 wheeled front-end loader (\$260,000). The current loader will be 27 years old and is currently showing significant wear. This Equipment should be eligible for ACAP funding for up to 55% of the cost.
3. Replacement of Man Lift Unit (\$40,000)

## **2022 and Beyond (3 year projection)**

### **Asset Management**

- Annual maintenance of drainage system and pavement (\$200,000)
- Expansion and upgrade of the washrooms in the Airport Terminal Building (\$180,000)
- Painting the interior of the Airport Terminal Building (\$40,000)
- Replace groundside windows and frames of the Airport Terminal Building (\$35,000)
- Replacing the seating in the Airport Terminal Building (\$45,000)
- Computer Upgrades (\$20,000)
- Upgrading the Runway Condition Reporting System (\$35,000)
- Upgrading the washroom facilities in the Combined Services Building (\$80,000)
- Taxiway Alpha refurbishment (\$110,000)

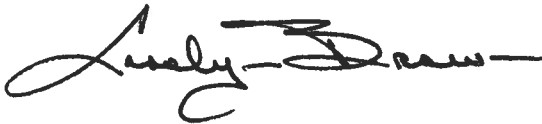
**Asset Replacement**

- Rehabilitation of Runway 07-25 (\$6,500,000). Runway 07-25 is nearing the end of its useful life and will require significant rehabilitation to permit its continued use. The runway was last milled and paved in 2003. This project will qualify for ACAP funding assistance of up to 55% of its total cost. Runway 07-25 is the airport’s main runway and currently supports over 80% of all air traffic for the airport.
- Lighting Upgrades for Runway 12-30 (\$145,000)
- Replacing the old Shell building with a storage building /warehouse (\$185,000)
- Refurbishment of the driveway to Airport Terminal Building (\$120,000)
- Lighting Upgrade for Aprons at Airport Terminal Building and Combined Services Building (Change to LED or high efficiency lighting - \$ 70,000)
- Replacement of Emergency Generator (\$250,000)
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**YOUR QUICK GATEWAY (WINDSOR) INC.**



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Chief Executive Officer

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