



# Capital Investment Strategy

2015-2017 approved Capital Budget and Forecast

## CAPITAL ASSET MANAGEMENT

In December 2013, Council approved a Corporate Asset Management Policy to standardize and enhance the organization's approach to capital asset management.

The next step in this process is the development of asset specific plans that will be used to guide department's activities. Due to staff capacity constraints no progress was made on this during 2014.

Development of comprehensive Asset Management Plans (AMPs) is critical to determining the appropriate level of funding required for various types of infrastructure projects. The 'infrastructure gap' is the difference between the appropriate level of funding for these projects and the current funding level. Guelph is not alone—municipalities across Canada are facing the same challenge. The current estimated infrastructure gap is based on assumptions about replacement costs, overall system conditions and timing of replacement. Development of AMPs is the only way for Guelph to truly identify its own infrastructure gap and develop strategies to reduce it over time.

Asset Management is a monumental shift in the way governments approach the long term planning and maintenance of their built environment.

## CAPITAL BUDGET HIGHLIGHTS

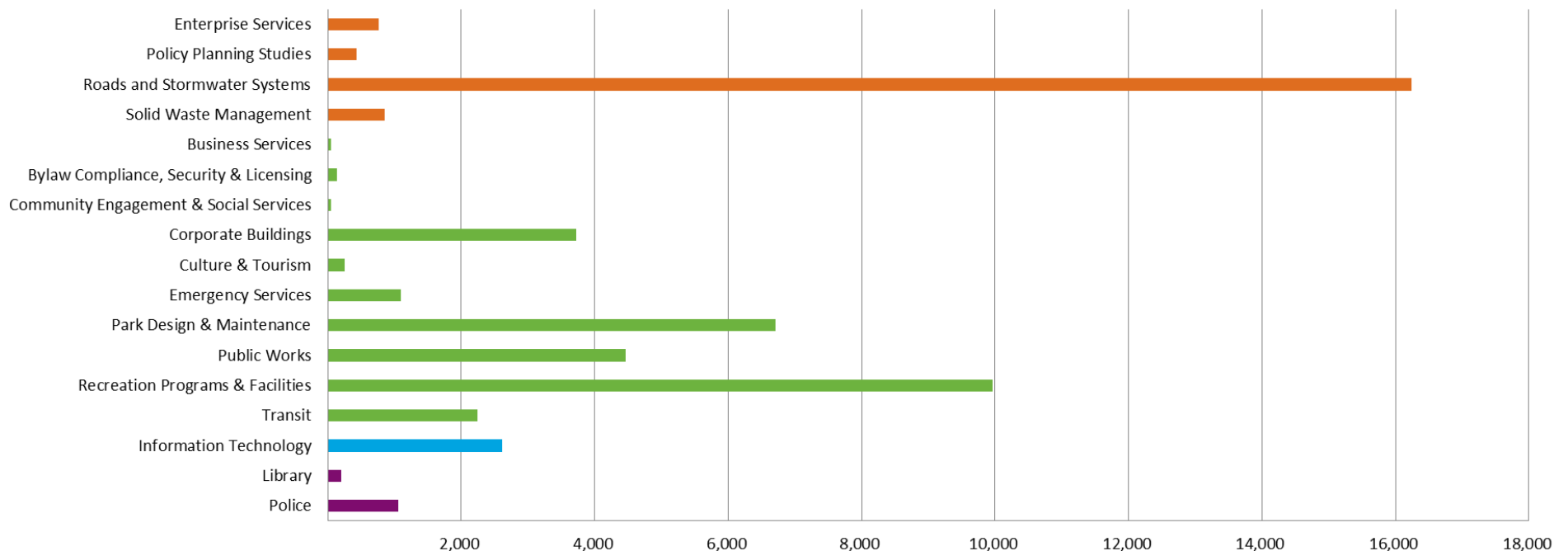
The 2015 Capital Budget is heavily focused on **taking care of what we own**; investing capital funds into the projects that will maintain existing infrastructure, **ensuring the health and safety of the community, enhancing Guelph's quality of life**, and meeting our legislative requirements.

Chart 4 highlights the approved capital budget projects by category. Additional details are provided in later in this chapter.

**Note:** Coloured bars relate to service area the project category falls under in the following chart.

**Chart 4:**

### 2015 Capital Budget by Project Category \$50.9 million



## OPERATING IMPACTS FROM CAPITAL PROJECTS

When considering investment in new capital projects, City Council and administration evaluated the future impacts these projects would have on the operating budget. For example: while funds may be available to build the new community park, consideration is given to the life cycle of the infrastructure added (e.g., playground equipment) and the resources required to maintain the park to ensure the health and safety of the community (e.g., staffing resources, snow removal, mowing, annual landscaping). Planning for ongoing operating costs ensures the City can afford to maintain the asset year-over-year.

Project #	Project Name	FTEs	2015	2016	2017
GG0208	MUNICIPAL ST BLDG EXPANSION				60,675
GG0227	PUBLIC HEALTH NEW 2013		583,630		
GG0241	CITY HALL - ICE RESURFACER		90,000		
IT0024	IT STRATEGIC PLAN			95,300	
PK0001	SOUTH END COMMUNITY PARK			27,000	6,500
PK0002	GUELPH TRAILS			39,000	56,000
PK0004	JUBILEE PARK			83,200	
PK0007	VICTORIA RD NORTHVIEW				45,600
PK0014	EASTVIEW COMMUNITY PARK				54,000
PK0048	CITYWIDE SKATEPARK FACILITY			4,200	
PK0057	ORIN REID PARK - PHASE 2			4,500	
TC0026	TRAPEZE	6	480,100	187,000	9,600

## FUNDING THE BUDGET

When evaluating and prioritizing capital plans and projects, the City considers several different kinds of financing options including but not limited to tax-funded capital reserves, Development Charges, debt, grants or subsidies from other levels of government, partnerships, user fees, special taxes or levies etc.

Different funds can be used for certain types of projects and, in preparing the proposed capital budget, the City balances and combines several financing options to make the best use of all available resources.

Chart 5 outlines the City's guideline for investing in existing infrastructure.

**Chart 5:**

### Infrastructure Renewal Guidelines ('000s)

		2010	2011	Historical 2012	2013	2014	Approved 2015	Forecasted 2016	2017
Buildings	\$	1,750,000	2,950,000	3,252,000	5,483,400	5,191,000	5,205,500	4,804,800	6,026,400
Target = 2%	%	1.79%	2.38%	2.35%	3.38%	3.14%	2.88%	2.61%	3.21%
Transportation & Storm Water	\$	4,022,300	7,378,382	8,598,000	8,716,000	9,535,000	4,275,000	10,868,400	13,137,900
Target = 2-3%	%	1.64%	2.95%	3.26%	3.01%	2.95%	1.29%	3.24%	3.84%
Vehicle & Equipment	\$	6,132,258	5,976,525	9,548,140	11,191,010	9,106,400	11,500,000	14,786,000	10,871,500
Target = 10%	%	10.16%	9.33%	13.97%	18.26%	12.19%	14.15%	16.54%	11.05%

## RESERVE FUNDS

Reserve funds play a critical role in financing current and future capital projects. According to the City of Guelph's capital financing guideline, the City can use an amount up to but not exceeding 20 per cent of the previous year's net tax levy to fund capital projects; allocating these funds to capital reserves or using them to pay back debt (debt servicing).

The City will allocate 16.1 per cent of last year's net tax levy to its capital budget. These calculations are provided in Table 1.

**Table 1:**

<b>2015-2017 TAX SUPPORTED CAPITAL FINANCING GUIDELINE CALCULATION</b>				
<b>('000s)</b>				
		<b>2015</b>	<b>2016</b>	<b>2017</b>
<b>Assumptions</b>				
Levy and Growth Rate Increase %		5.00%	5.00%	5.00%
<b>Prior Year Net Tax Levy</b>	<b>A</b>	<b>\$193,289</b>	<b>\$202,953</b>	<b>\$213,101</b>
Approved Levy and Growth Rate Increase		\$9,664	\$10,148	\$10,655
<b>Net Taxation Requirement</b>		<b>\$202,953</b>	<b>\$213,101</b>	<b>\$223,756</b>
% of Net Tax Levy for Capital	<b>B</b>	<b>16.1%</b>	<b>18%</b>	<b>19%</b>
<b>Capital Funding /Debt Servicing (max 20% of Prior Yr Net Tax Levy)</b>	<b>C = B*A</b>	<b>\$31,061</b>	<b>\$36,532</b>	<b>\$40,489</b>
<b>Debt Servicing (P&amp;I)</b>	<b>D</b>	<b>\$13,069</b>	<b>\$13,243</b>	<b>\$13,801</b>
<b>Capital Funding Available for Projects and Reserves</b>	<b>= C - D</b>	<b>\$17,991</b>	<b>\$23,289</b>	<b>\$26,688</b>

## RESERVE FUNDS

The 2015 tax-supported capital budget is based on \$18 million of reserve contributions which fund capital projects.

The total budget for debt financing and capital reserve contributions is \$31.1 million. This \$2.3 million decrease over last year reflects an additional \$595,000 to pay back debt, and \$2,868,000 less for capital reserve funds.

This funding has been allocated between the various reserve types highlighted below. A complete Reserve & Reserve Fund Report, along with balances, is included in Appendix 5.

2015 Reserve Fund Contributions ('000s)	
Capital Tax	2,419
DC Exemption	350
Road Infrastructure	1,385
Building Lifecycle	1,202
Vehicle and Equipment Replacement	8,536
Departmental Reserves	4,100
<b>Total Reserve Contributions</b>	<b>17,991</b>

## DEVELOPMENT CHARGES

The City completed an update of its Development Charges (DC) Background Study and a new by-law was approved in January 2014.

Appendix 5 identifies projects that are budgeted differently in the DC Background Study than the approved 2015–2024 Capital Budget and Forecast. As the City secures funding through new sources or reallocates existing capital funds, the capital forecast will be revisited and projects will be re-scheduled to ensure affordability for taxpayers, and a sustainable financial future for Guelph.



## DEALING WITH DEBT

In 2014, the City's credit rating was reaffirmed at AA+ with a stable outlook. This reflects the City's strong financial management framework and policies that drive transparent and accountable financial decisions, including debt management. This solid financial foundation provides a platform on which to maintain quality core services while looking to enhancing quality of life for residents through new services and facilities.

Two existing projects in the 2015 Capital Budget (Clair/Laird Road and Hanlon Interchange and Victoria Road Recreation Centre expansion/renovation) will be funded through development charge debt.

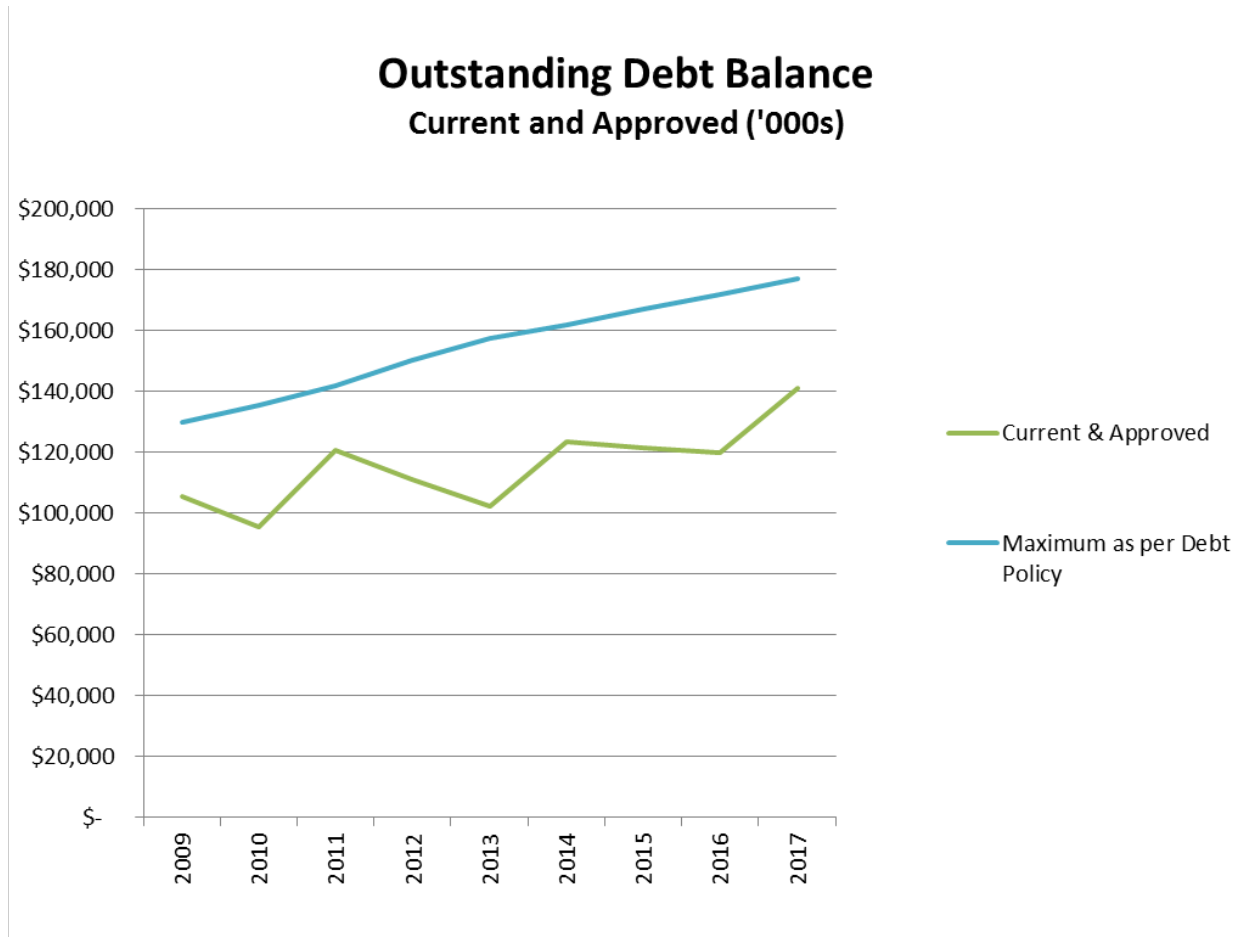
There are no additional projects identified in the 2016-2017 Capital Forecast that require the issuance of debt.

A thorough debt review and full debt continuity schedule is included in Appendix 6.

Graph 4 compares the City's total current and proposed debt to the maximum set out in Guelph's Council-approved Debt Policy.

## DEALING WITH DEBT

Graph 4:



### Notes

The first line (green) represents Guelph's outstanding debt balances as of December 31, 2014 and all debt-funded projects approved by Council for which the debt has not yet been issued.

Construction of the Laird/Clair/Hanlon Interchange—a \$13.5 million project legislatively required by the Province—drives the City over the Council-approved Development Charge-funded debt limit in 2016.

## DEALING WITH DEBT

Chart 6 details the projects, current and proposed, funded through debt.

**Chart 6:**

### Current Approved and 2015 Approved Debt Funding ('000s)

Project # & Description	Current Approved Obligations			2015 Approved		
	Year of Issue	Amount	Tax, DC or Other Funded Debt	Year of Issue	Amount	Tax, DC or Other Funded Debt
Previously Issued Debt	Various	124,321.3	Various			
Tax Increment Based Grants	2015-2017	13,106.5	Tax			
Baker St. Redevelopment (SS0018, SS0019, SS0020)	2016	5,274.3	Tax			
Automated Waste Collection Carts (WC0001)	2016	423.5	Tax			
Victoria Road Recreation Centre Renovation (RF0051)	2017	2,173.0	Tax	2017	9,124.3	Tax
Police Headquarters Renovations (PS0033)	2017	16,324.3	Tax			
Police Headquarters Renovations (PS0033)	2017	14,800.2	DC			
Clair/Laird Interchange (RD0267)	2016	1,592.8	DC	2016-2017	10,400.0	DC
<b>Total</b>		<b>178,016.0</b>			<b>19,524.3</b>	

# CAPITAL BUDGET APPROVED PROJECTS

## Planning

Project Number & Description	Gross Project Cost \$(000's)				Sources of External Funding					Net Cost to City	Sources of City Funding			
	2015	2016	2017	3 Yr Project Cost	Grants & Subsidies	Donations & Own Revenue	Developer & Partner	Development Charges	DC Debt		Capital Tax Reserves	Contingency Reserve	Capital Asset Renewal Reserve	Tax Debt
<b>Planning</b>														
PL0021 ZONING BY-LAW REVIEW	183.5	198.3		381.8				257.8		124.0	124.0			
PL0022 CLAIR/MALTBY SECONDARY PLAN	244.7			244.7				220.2		24.5	24.5			
PL0024 HERITAGE INITIATIVES		85.6		85.6				7.7		77.9	77.9			
PL0036 MIXED USE NODES & CORRIDORS		56.6	61.8	118.4				42.7		75.7	75.7			
PL0054 OFFICIAL PLAN REVIEW		100.0	227.3	327.3				220.9		106.4	106.4			
PL0055 BROWNFIELD INITIATIVES			66.0	66.0				44.6		21.5	21.5			
PL0056 URBAN DESIGN GUIDELINES			220.0	220.0				110.0		110.0	110.0			
<b>Total Planning</b>	<b>428.2</b>	<b>440.5</b>	<b>575.1</b>	<b>1,443.8</b>				<b>903.9</b>		<b>540.0</b>	<b>540.0</b>			
<b>Total Planning</b>	<b>428.2</b>	<b>440.5</b>	<b>575.1</b>	<b>1,443.8</b>				<b>903.9</b>		<b>540.0</b>	<b>540.0</b>			

# CAPITAL BUDGET APPROVED PROJECTS

## Engineering

Project Number & Description	Gross Project Cost \$(000's)				Sources of External Funding					Net Cost to City	Sources of City Funding			
	2015	2016	2017	3 Yr Project Cost	Grants & Subsidies	Donations & Own Revenue	Developer & Partner	Development Charges	DC Debt		Capital Tax Reserves	Contingency Reserve	Capital Asset Renewal	Tax Debt
Engineering														
Roads														
RD0118 TRANSPORT STRATEGY & TDM INIT		50.0	50.0	100.0				50.0		50.0	50.0			
RD0123 INFRASTRUCTRE SUSTAIN INITIATVS		20.5	51.5	72.0						72.0	72.0			
RD0265 GORDON- CLAIR TO MALTBY			500.0	500.0				350.0		150.0	150.0			
RD0267 CLAIR/LAIRD & HANLON INTERCHNG	10,400.0			10,400.0					10,400.0					
RD0271 STONE - EVERGREEN TO VICTORIA	2,500.0	200.0		2,700.0				1,890.0		810.0	810.0			
RD0272 VICTORIA- YORK TO STONE II	200.0			200.0				140.0		60.0	60.0			
RD0273 SILVERCREEK PKWY/CN SEP		5,000.0		5,000.0			3,035.7	1,375.0		589.3	589.3			
RD0274 INT SPEEDVALE & DELHI			1,030.0	1,030.0				515.0		515.0	515.0			
RD0276 PAVEMENT DEFICIT		1,500.0	1,750.0	3,250.0	2,600.0					650.0	650.0			
RD0277 CIP ROAD UPGRADES	1,000.0	1,000.0	1,000.0	3,000.0	2,400.0					600.0	600.0			
RD0278 WYNDHAM- CARDEN TO WOOLWICH		1,000.0	1,000.0	2,000.0	1,600.0					400.0	400.0			
RD0280 MAJOR ROAD RECONSTRUCTION	1,225.0	1,500.0	1,500.0	4,225.0	2,745.0					1,480.0	1,480.0			
RD0281 MINOR ROAD RECONSTRUCTION		350.0	500.0	850.0	680.0					170.0	170.0			
RD0285 STARWOOD- WATSON TO GRANGE (SA)		190.0		190.0				133.0		57.0	57.0			
RD0310 GORDON: EDINBURGH TO LOWES		1,350.0		1,350.0			675.0	675.0						
RD0316 INT DOWNEY & NISKA		200.0		200.0				200.0						
RD0321 ACTIVE TRANSPORTATION	600.0	300.0	300.0	1,200.0				600.0		600.0	600.0			
RD0323 INT VICTORIA & CLAIR			150.0	150.0				150.0						
RD0329 DOWNEY ROAD		75.0		75.0	60.0					15.0	15.0			
RD0330 EMMA/EARL PEDESTRIAN BRIDGE			100.0	100.0						100.0	100.0			
Total Roads	15,925.0	12,735.5	7,931.5	36,592.0	10,085.0		3,710.7	6,078.0	10,400.0	6,318.3	6,318.3			
Bridges														
PL0039 WELLINGTON ST DAM EA		120.0		120.0						120.0	120.0			
RB0003 BRIDGE RECONSTRUCTION			200.0	200.0	160.0					40.0	40.0			
RB0005 2017 SPEEDVALE AVE BRIDGE			2,500.0	2,500.0	2,000.0					500.0	500.0			
RD0284 STRUCTURE REHABILITATION		150.0		150.0	120.0					30.0	30.0			
RD0286 NISKA BRIDGE REPL	200.0	1,550.0	250.0	2,000.0				1,400.0		600.0	600.0			
Total Bridges	200.0	1,820.0	2,950.0	4,970.0	2,280.0			1,400.0		1,290.0	1,290.0			

# CAPITAL BUDGET APPROVED PROJECTS

## Engineering continued

Project Number & Description	Gross Project Cost \$(000's)				Sources of External Funding					Net Cost to City	Sources of City Funding			
	2015	2016	2017	3 Yr Project Cost	Grants & Subsidies	Donations & Own Revenue	Developer & Partner	Development Charges	DC Debt		Capital Tax Reserves	Contingency Reserve	Capital Asset Renewal	Tax Debt
Storm Water Management														
SW0049 HANLON CREEK STORM		205.0		205.0				184.5		20.5	20.5			
SW0051 SWM POND REHABILITATION			350.0	350.0	280.0					70.0	70.0			
SW0055 STORM SEWER INVESTIGATIONS		270.0	350.0	620.0						620.0	620.0			
SW0057 STORM SEWER REPLACEMENT		500.0	500.0	1,000.0	750.0					250.0	250.0			
SW0059 HANLON CREEK/MILL CREEK WATERSHED		105.0		105.0						105.0	105.0			
SW0061 WATERSHED STUDY UPDATES			100.0	100.0				72.0		28.0	28.0			
SW0062 STORM SEWER RELINE/REPAIR			500.0	500.0	400.0					100.0	100.0			
SW0063 STORM SYSTEM UPGRADES		750.0	750.0	1,500.0	1,200.0					300.0	300.0			
SW0066 STORMWATER DRAINAGE OVERSIZING		150.0		150.0				132.0		18.0	18.0			
SW0069 STORMWATER STUDY IMPLEMENTATION		250.0		250.0						250.0	250.0			
SW0070 WYNDHAM/CARDEN TO WOOLWICH		200.0	200.0	400.0	320.0					80.0	80.0			
SW0071 2015 STORM SEWER REPL CIP	650.0	1,550.0	500.0	2,700.0	2,135.0					565.0	565.0			
Total Storm Water Management	650.0	3,980.0	3,250.0	7,880.0	5,085.0			388.5		2,406.5	2,406.5			
Development														
PL0040 SITE MONITORING & REMEDIATION		50.0	75.0	125.0						125.0	125.0			
PL0058 2015 FOUNTAIN ST - GEOTECH & ENVIRO	270.0			270.0			175.0			95.0	95.0			
PL0059 2016 - 2018 HISTORICAL LANDFILL INVESTIGATION		67.0	67.0	134.0						134.0	134.0			
Total Development	270.0	117.0	142.0	529.0			175.0			354.0	354.0			
Street Lighting														
SL0001 INFRA SUSTAIN- STREETLIGHTS		300.0	300.0	600.0	480.0					120.0	120.0			
Total Street Lighting		300.0	300.0	600.0	480.0					120.0	120.0			
Total Engineering	17,045.0	18,952.5	14,573.5	50,571.0	17,930.0		3,885.7	7,866.5	10,400.0	10,488.8	10,488.8			
Total Engineering	17,045.0	18,952.5	14,573.5	50,571.0	17,930.0		3,885.7	7,866.5	10,400.0	10,488.8	10,488.8			

## Solid Waste

Project Number & Description	Gross Project Cost \$(000's)				Sources of External Funding					Net Cost to City	Sources of City Funding			
	2015	2016	2017	3 Yr Project Cost	Grants & Subsidies	Donations & Own Revenue	Developer & Partner	Development Charges	DC Debt		Capital Tax Reserves	Contingency Reserve	Capital Asset Renewal	Tax Debt
Solid Waste														
WC0005 NEW COLLECTION VEHICLE			325.0	325.0						325.0	325.0			
WC0006 WRIC EQUIPMENT REPLACEMENT	850.0	645.0	800.0	2,295.0	1,594.0					701.0	701.0			
WC0007 DOUBLE DECK FIBRE SCREEN			550.0	550.0						550.0			550.0	
WP0004 EASTVIEW METHANE COLLECTION SY		100.0	100.0	200.0						200.0	200.0			
WP0005 COMMERCIAL OUTBOUND SCALE			250.0	250.0						250.0	250.0			
Total Solid Waste	850.0	745.0	2,025.0	3,620.0	1,594.0					2,026.0	1,476.0		550.0	
Total Solid Waste	850.0	745.0	2,025.0	3,620.0	1,594.0					2,026.0	1,476.0		550.0	

# CAPITAL BUDGET APPROVED PROJECTS

## Enterprise

Project Number & Description	Gross Project Cost \$(000's)				Sources of External Funding					Net Cost to City	Sources of City Funding			
	2015	2016	2017	3 Yr Project Cost	Grants & Subsidies	Donations & Own Revenue	Developer & Partner	Development Charges	DC Debt		Capital Tax Reserves	Contingency Reserve	Capital Asset Renewal	Tax Debt
Enterprise														
Community Energy Plan														
PL0029 FACILITY ENERGY MEASURES	759.8	849.8	776.9	2,386.5						2,386.5			2,386.5	
Total Community Energy Plan	759.8	849.8	776.9	2,386.5						2,386.5			2,386.5	
Total Enterprise	759.8	849.8	776.9	2,386.5						2,386.5			2,386.5	
Total Enterprise	759.8	849.8	776.9	2,386.5						2,386.5			2,386.5	

## Recreation Programs and Facilities

Project Number & Description	Gross Project Cost \$(000's)				Sources of External Funding					Net Cost to City	Sources of City Funding			
	2015	2016	2017	3 Yr Project Cost	Grants & Subsidies	Donations & Own Revenue	Developer & Partner	Development Charges	DC Debt		Capital Tax Reserves	Contingency Reserve	Capital Asset Renewal	Tax Debt
Recreation Programs & Facilities														
VRRC														
RF0051 VRRC EXPANSION/RENOVATION	9,934.3			9,934.3				810.0		9,124.3				9,124.3
Total VRRC	9,934.3			9,934.3				810.0		9,124.3				9,124.3
Centennial														
RF0059 CENTENNIAL ARENA RENO			40.0	40.0						40.0	40.0			
Total Centennial			40.0	40.0						40.0	40.0			
WECC														
RF0062 WECC FITNESS ROOM EQUIP		60.0		60.0						60.0	60.0			
RF0071 WECC VESTIBULE @ POOL ENTRANCE		75.0		75.0						75.0	75.0			
Total WECC		135.0		135.0						135.0	135.0			
Lyons														
RF0037 LYONS- WALL REMOVAL			20.0	20.0						20.0	20.0			
Total Lyons			20.0	20.0						20.0	20.0			
Total Recreation Programs & Facilities	9,934.3	135.0	60.0	10,129.3				810.0		9,319.3	195.0			9,124.3
Total Recreation Programs & Facilities	9,934.3	135.0	60.0	10,129.3				810.0		9,319.3	195.0			9,124.3

## CAPITAL BUDGET APPROVED PROJECTS

### Community Engagement and Social Services

Project Number & Description	Gross Project Cost \$(000's)				Sources of External Funding					Net Cost to City	Sources of City Funding			
	2015	2016	2017	3 Yr Project Cost	Grants & Subsidies	Donations & Own Revenue	Developer & Partner	Development Charges	DC Debt		Capital Tax Reserves	Contingency Reserve	Capital Asset Renewal	Tax Debt
Community Engagement & Social Services														
Evergreen Senior's Centre														
AS0004 EVERGREEN- INTERIOR BLINDS	30.0			30.0						30.0	30.0			
AS0007 EVERGREEN - KITCHEN	25.0	25.0		50.0						50.0	50.0			
Total Evergreen Senior's Centre	55.0	25.0		80.0						80.0	80.0			
Total Community Engagement & Social Services	55.0	25.0		80.0						80.0	80.0			
Total Community Engagement & Social Services	55.0	25.0		80.0						80.0	80.0			

### Culture and Tourism

Project Number & Description	Gross Project Cost \$(000's)				Sources of External Funding					Net Cost to City	Sources of City Funding			
	2015	2016	2017	3 Yr Project Cost	Grants & Subsidies	Donations & Own Revenue	Developer & Partner	Development Charges	DC Debt		Capital Tax Reserves	Contingency Reserve	Capital Asset Renewal	Tax Debt
Culture & Tourism														
River Run														
RR0102 BOX OFFICE / OTHER		60.0		60.0		60.0								
RR0103 TECHNICAL / THEATRE	65.0	45.0	40.0	150.0		135.0				15.0	15.0			
RR0104 2015 FRONT OF HOUSE	100.0		25.0	125.0		125.0								
Total River Run	165.0	105.0	65.0	335.0		320.0				15.0	15.0			
Sleeman Centre														
RF0028 SLEEMAN- REPL CONSESSION EQUIP	25.0	25.0	25.0	75.0						75.0	75.0			
RF0052 SLEEMAN SPONSORSHIP PROJECT	70.0	70.0	70.0	210.0		160.0				50.0	50.0			
Total Sleeman Centre	95.0	95.0	95.0	285.0		160.0				125.0	125.0			
Total Culture & Tourism	260.0	200.0	160.0	620.0		480.0				140.0	140.0			
Total Culture & Tourism	260.0	200.0	160.0	620.0		480.0				140.0	140.0			



# CAPITAL BUDGET APPROVED PROJECTS

## Corporate Building Maintenance

Project Number & Description	Gross Project Cost \$(000's)				Sources of External Funding					Net Cost to City	Sources of City Funding			
	2015	2016	2017	3 Yr Project Cost	Grants & Subsidies	Donations & Own Revenue	Developer & Partner	Development Charges	DC Debt		Capital Tax Reserves	Contingency Reserve	Capital Asset Renewal	Tax Debt
Corporate Building Maintenance														
FS0054 FIRE LIFECYCLE	115.0	210.0	314.5	639.5						639.5	639.5			
GG0180 ACCESSIBILITY IMPROVEMENTS		200.0	200.0	400.0						400.0	400.0			
GG0232 ADMIN LIFECYCLE		280.0	243.5	523.5						523.5	523.5			
GG0233 OPERATIONS AND TRANSIT LIFECYCLE	2,000.0	127.0	53.5	2,180.5	1,744.4					436.1	436.1			
GG0234 STRUCTURAL	479.5	350.0	400.0	1,229.5						1,229.5	1,229.5			
GG0241 CITY HAL - ICE RESURFACER	90.0			90.0						90.0	90.0			
LB0034 2017 LIBRARY LIFECYCLE			68.0	68.0						68.0	68.0			
PO0021 PARKS LIFECYCLE		330.0	320.0	650.0						650.0	650.0			
RF0080 RECREATION LIFECYCLE	1,036.0	548.0	115.0	1,699.0	1,578.4					120.6	120.6			
Total Corporate Building Maintenance	3,720.5	2,045.0	1,714.5	7,480.0	3,322.8					4,157.2	4,157.2			
Total Corporate Building Maintenance	3,720.5	2,045.0	1,714.5	7,480.0	3,322.8					4,157.2	4,157.2			

## Business Services

Project Number & Description	Gross Project Cost \$(000's)				Sources of External Funding					Net Cost to City	Sources of City Funding			
	2015	2016	2017	3 Yr Project Cost	Grants & Subsidies	Donations & Own Revenue	Developer & Partner	Development Charges	DC Debt		Capital Tax Reserves	Contingency Reserve	Capital Asset Renewal	Tax Debt
Business Services														
GG0243 2017 POSTAGE MACHINE			35.0	35.0						35.0	35.0			
RF0082 2015 RECREATION SYSTEM REPLACEMENT	50.0	100.0	150.0	300.0						300.0	300.0			
Total Business Services	50.0	100.0	185.0	335.0						335.0	335.0			
Total Business Services	50.0	100.0	185.0	335.0						335.0	335.0			

# CAPITAL BUDGET APPROVED PROJECTS

## Parks

Project Number & Description	Gross Project Cost \$(000's)				Sources of External Funding					Net Cost to City	Sources of City Funding			
	2015	2016	2017	3 Yr Project Cost	Grants & Subsidies	Donations & Own Revenue	Developer & Partner	Development Charges	DC Debt		Capital Tax Reserves	Contingency Reserve	Capital Asset Renewal	Tax Debt
<b>Parks</b>														
<b>Parks Planning</b>														
PK0001 SOUTH END COMMUNITY PARK	249.3	409.8		659.1				593.2		65.9	65.9			
PK0002 GUELPH TRAILS		928.8	956.7	1,885.5				1,696.9		188.6	188.6			
PK0005 SUNNY ACRES		79.6	546.0	625.6						625.6	625.6			
PK0007 VICTORIA RD NORTHVIEW	750.0		525.0	1,275.0				1,147.5		127.5	127.5			
PK0008 BULLFROG PARK NEW BASKETBALL			56.3	56.3						56.3	56.3			
PK0009 HUGH GUTHRIE PARK REDEVELOPMENT			129.4	129.4						129.4	129.4			
PK0012 DAKOTA PARK REDEVELOPMENT		125.7	675.3	801.0						801.0	801.0			
PK0014 EASTVIEW COMMUNITY PARK	2,652.3	1,093.0	1,688.0	5,433.3				4,890.0		543.3	543.3			
PK0018 MICO VALERIOE PARK REDEVELOPMENT		382.5		382.5						382.5	382.5			
PK0022 GUELPH TRAIL UPGRADES		109.3	123.8	233.1						233.1	233.1			
PK0023 LYON PARK	631.4			631.4	505.0					126.4	126.4			
PK0027 EXHIBITION PARK			112.6	112.6						112.6	112.6			
PK0032 WINDSOR PARK REDEVELOPMENT			84.4	84.4						84.4	84.4			
PK0033 PLAYGROUND EQUIPMENT REPLA	700.0	500.0	500.0	1,700.0						1,700.0	1,700.0			
PK0038 GRANGEHILL PHASE 7			56.3	56.3				50.7		5.6	5.6			
PK0040 PETER MISERSKY			112.6	112.6				50.7		61.9	61.9			
PK0044 300 - 312 GRANGE ROAD PARK		54.6	275.7	330.3				297.2		33.1	33.1			
PK0048 CITYWIDE SKATEPARK FACILITY	831.0			831.0				623.3		207.8	207.8			
PK0053 COLONIAL DRIVE ICE RINK		75.9		75.9						75.9	75.9			
PK0058 GYM PARKING LOT EXPANSION			56.3	56.3						56.3	56.3			
PK0062 LEASH FREE ZONES POLICY REVIEW		54.6		54.6				36.6		18.0	18.0			
PK0063 PROPERTY DEMARCATION POICY REVIEW			56.3	56.3				37.7		18.6	18.6			
PK0071 WELLINGTON PARK		150.0		150.0						150.0	150.0			
PK0075 PEDSTRN CONNECTN RAILWAY BRIDGE	106.1		956.7	1,062.8				478.3		584.5	584.5			
PK0083 ST. JAMES SCHOOL			95.7	95.7						95.7	95.7			
<b>Total Parks Planning</b>	<b>5,920.1</b>	<b>3,963.8</b>	<b>7,007.1</b>	<b>16,891.0</b>	<b>505.0</b>			<b>9,902.1</b>		<b>6,484.0</b>	<b>6,484.0</b>			
<b>Parks Operations</b>														
PO0007 PARKS INFRASTRUCTURE	300.0	382.5	450.2	1,132.7	256.0					876.7	876.7			
PO0008 TREES FOR GUELPH GREENING	25.0	25.0	25.0	75.0						75.0	75.0			
PO0014 PARKS EQUIPMENT GROWTH	195.0	210.9	189.1	595.0				535.5		59.5	59.5			
PO0017 SPORTS FIELD RENOVATIONS	60.0	54.6	135.1	249.7						249.7	249.7			
PO0022 SPORTSFIELDS LIGHTING	21.2	21.9	33.8	76.9						76.9	76.9			
PO0023 CAROUSEL R & M		32.8		32.8						32.8	32.8			
PO0024 SCOREBOARD REPLACEMENTS	47.7		75.0	122.7						122.7	122.7			
PO0025 INFRASTRUCTURE RENNOVATIONS	84.9	87.4	106.9	279.2						279.2	279.2			
PO0027 2015 PARKS IRRIGATION	50.8	114.7	67.5	233.0						233.0	233.0			
<b>Total Parks Operations</b>	<b>784.6</b>	<b>929.8</b>	<b>1,082.6</b>	<b>2,797.0</b>	<b>256.0</b>			<b>535.5</b>		<b>2,005.5</b>	<b>2,005.5</b>			
<b>Total Parks</b>	<b>6,704.7</b>	<b>4,893.6</b>	<b>8,089.7</b>	<b>19,688.0</b>	<b>761.0</b>			<b>10,437.6</b>		<b>8,489.5</b>	<b>8,489.5</b>			
<b>Total Parks</b>	<b>6,704.7</b>	<b>4,893.6</b>	<b>8,089.7</b>	<b>19,688.0</b>	<b>761.0</b>			<b>10,437.6</b>		<b>8,489.5</b>	<b>8,489.5</b>			

# CAPITAL BUDGET APPROVED PROJECTS

## By-law Compliance, Security and Licensing

Project Number & Description	Gross Project Cost \$(000's)				Sources of External Funding					Net Cost to City	Sources of City Funding			
	2015	2016	2017	3 Yr Project Cost	Grants & Subsidies	Donations & Own Revenue	Developer & Partner	Development Charges	DC Debt		Capital Tax Reserves	Contingency Reserve	Capital Asset Renewal	Tax Debt
Bylaw Compliance, Security & Licensing														
PG0071 SECURITY INFRA REPL	136.0	175.0	261.0	572.0						572.0	572.0			
PG0072 LICENCE PLATE RECOGNITION			77.0	77.0						77.0	77.0			
PG0080 2017 COMPUTER TICKET WRITERS			40.0	40.0						40.0	40.0			
Total Bylaw Compliance, Security & Licensing	136.0	175.0	378.0	689.0						689.0	689.0			
Total Bylaw Compliance, Security & Licensing	136.0	175.0	378.0	689.0						689.0	689.0			

## Transit

Project Number & Description	Gross Project Cost \$(000's)				Sources of External Funding					Net Cost to City	Sources of City Funding			
	2015	2016	2017	3 Yr Project Cost	Grants & Subsidies	Donations & Own Revenue	Developer & Partner	Development Charges	DC Debt		Capital Tax Reserves	Contingency Reserve	Capital Asset Renewal	Tax Debt
Transit														
Conventional														
TC0004 COIN EQUIPMENT	30.0			30.0				6.8		23.3	23.3			
TC0006 SATELLITE LOCAL CLAIR/GORDON		310.0		310.0				310.0						
TC0018 TERMINAL IMPROVE AT SUB-NODES			105.0	105.0				105.0						
TC0023 BASE SERVICE INCREASE- LAFARGE			1,050.0	1,050.0				945.0		105.0	105.0			
TC0043 BUS SHELTER PURCHASE		52.0	53.0	105.0						105.0	105.0			
TC0047 TRANSIT MASTER PLAN UPDATE			300.0	300.0				202.5		97.5	97.5			
TC0048 TRANSIT VEH & EQUIP REPLACEMENT 2015	2,212.0	2,193.7	2,123.6	6,529.3	550.0					5,979.3	5,979.3			
TC0050 BUS STOP ACCESS UPGRADE 2016		54.1	55.2	109.3						109.3	109.3			
Total Conventional	2,242.0	2,609.8	3,686.8	8,538.6	550.0			1,569.3		6,419.4	6,419.4			
Mobility														
TM0005 2017 MOBILITY VAN NEW			220.0	220.0				148.5		71.5	71.5			
Total Mobility			220.0	220.0				148.5		71.5	71.5			
Total Transit	2,242.0	2,609.8	3,906.8	8,758.6	550.0			1,717.8		6,490.9	6,490.9			
Total Transit	2,242.0	2,609.8	3,906.8	8,758.6	550.0			1,717.8		6,490.9	6,490.9			

# CAPITAL BUDGET APPROVED PROJECTS

## Public Works

Project Number & Description	Gross Project Cost \$(000's)				Sources of External Funding					Net Cost to City	Sources of City Funding			
	2015	2016	2017	3 Yr Project Cost	Grants & Subsidies	Donations & Own Revenue	Developer & Partner	Development Charges	DC Debt		Capital Tax Reserves	Contingency Reserve	Capital Asset Renewal	Tax Debt
Public Works														
Roadside Operations														
RD0293 SNOW DUMP CONSTRUCTION	50.0		600.0	650.0						650.0	650.0			
RD0295 ROAD INFR SUSTAINABILITY	60.0	60.0	60.0	180.0						180.0	180.0			
RD0333 2015 RIGHT OF WAY INFR SUSTAIN	50.0	50.0	50.0	150.0						150.0	150.0			
WN0001 WINTER CONTROL UPGRADE		325.0		325.0	260.0					65.0	65.0			
Total Roadside Operations	160.0	435.0	710.0	1,305.0	260.0					1,045.0	1,045.0			
Traffic														
TF0001 STARWOOD & WATSON TRAFFIC SIGNALS		150.0		150.0				105.0		45.0	45.0			
TF0002 NEW SIGNAL INSTALLATION		165.0	173.3	338.3				304.5		33.8	33.8			
TF0003 TRAFFIC SIGNAL EQUIP REPL	160.0	168.0	264.6	592.6						592.6	592.6			
TF0004 INTERSECTION- SIGNAL REBUILD	120.0	280.0	300.0	700.0						700.0	700.0			
TF0005 SIGNALIZED CONTROL SYSTEM		425.0		425.0						425.0	425.0			
TF0007 LED SIGNAL REPLACEMENT		150.0	160.0	310.0						310.0	310.0			
TF0008 TRAFFIC MGMT INITIATIVES	85.0		250.0	335.0				167.5		167.5	167.5			
TF0009 ACCESSIBLE PEDESTRIAN SIGNALS			168.0	168.0						168.0	168.0			
TF0010 PEDESTRIAN COUNTDOWN HEADS			135.0	135.0						135.0	135.0			
TF0012 SCHOOL SPEED ZONE		21.0	22.1	43.1						43.1	43.1			
Total Traffic	365.0	1,359.0	1,473.0	3,197.0				577.0		2,620.0	2,620.0			
Parking														
PG0057 WEST PARKADE- STRUCTURAL REHAB	500.0			500.0						500.0	500.0			
PG0058 PARKADE ANNUAL STRUCTURAL REHA		410.0	375.0	785.0						785.0	785.0			
PG0059 PARK YOURSELF UNITS- REPL		50.0		50.0						50.0	50.0			
PG0061 PARKING METER- REPL			70.0	70.0						70.0	70.0			
PG0064 WEST PARKADE ROOF DECK			500.0	500.0						500.0	500.0			
PG0066 PARKADE ELEVATOR REPL		150.0		150.0						150.0	150.0			
PG0070 PARKING SIGN UPGRADES			150.0	150.0						150.0	150.0			
PG0073 SURFACE LOT ANNUAL REHAB		150.0		150.0						150.0	150.0			
PG0075 PARKING SYSTEM STUDY			100.0	100.0				45.0		55.0	55.0			
Total Parking	500.0	760.0	1,195.0	2,455.0				45.0		2,410.0	2,410.0			
Fleet														
GG0187 FLEET VEH & EQUIP RPLCMNT	2,720.3	3,907.6	2,072.0	8,699.9						8,699.9	8,699.9			
GG0228 PUBLIC WORKS FACILITY NEEDS ASSESSMENT	100.0			100.0				75.0		25.0	25.0			
GG0244 RIVERSIDE FUEL TANK 2015	300.0			300.0	150.0					150.0	150.0			
Total Fleet	3,120.3	3,907.6	2,072.0	9,099.9	150.0			75.0		8,874.9	8,874.9			
Forestry														
PO0013 EMERALD ASH BORER STRATEGY	400.0	450.0	500.0	1,350.0						1,350.0	1,350.0			
PO0026 2015 TREE & SHRUB RENEWAL	10.0	20.0	30.0	60.0						60.0	60.0			
Total Forestry	410.0	470.0	530.0	1,410.0						1,410.0	1,410.0			
Total Public Works	4,555.3	6,931.6	5,980.0	17,466.9	410.0			697.0		16,359.9	16,359.9			
Total Public Works	4,555.3	6,931.6	5,980.0	17,466.9	410.0			697.0		16,359.9	16,359.9			

# CAPITAL BUDGET APPROVED PROJECTS

## Emergency Services

Project Number & Description	Gross Project Cost \$(000's)				Sources of External Funding					Net Cost to City	Sources of City Funding			
	2015	2016	2017	3 Yr Project Cost	Grants & Subsidies	Donations & Own Revenue	Developer & Partner	Development Charges	DC Debt		Capital Tax Reserves	Contingency Reserve	Capital Asset Renewal	Tax Debt
Emergency Services														
Fire														
FS0030 FIRE VEHICLE REPL	50.0	1,647.8	86.8	1,784.6			419.4	652.0		713.2	713.2			
FS0031 FIRE EQUIP REPL	304.9	212.0	190.8	707.7			180.3			527.4	527.4			
FS0032 FIRE RADIO REPL 11	105.1	73.6		178.7						178.7	178.7			
FS0045 RADIO INFRASTRUCTURE REPLACEMENT		750.0		750.0						750.0	750.0			
Total Fire	460.0	2,683.4	277.6	3,421.0			599.7	652.0		2,169.3	2,169.3			
Land Ambulance														
AM0001 LAND AMBULANCE VEH REPL	551.9	712.1	510.0	1,774.0			709.5			1,064.5	1,064.5			
AM0002 LAND AMBULANCE EQUIP REPL 2012	91.0	19.3		110.3			44.1			66.2	66.2			
Total Land Ambulance	642.9	731.4	510.0	1,884.3			753.6			1,130.7	1,130.7			
Total Emergency Services	1,102.9	3,414.8	787.6	5,305.3			1,353.3	652.0		3,300.0	3,300.0			
Total Emergency Services	1,102.9	3,414.8	787.6	5,305.3			1,353.3	652.0		3,300.0	3,300.0			

## Information Technology

Project Number & Description	Gross Project Cost \$(000's)				Sources of External Funding					Net Cost to City	Sources of City Funding			
	2015	2016	2017	3 Yr Project Cost	Grants & Subsidies	Donations & Own Revenue	Developer & Partner	Development Charges	DC Debt		Capital Tax Reserves	Contingency Reserve	Capital Asset Renewal	Tax Debt
Information Technology														
IT0001 FOLDING MACHING REPL			30.0	30.0						30.0	30.0			
IT0015 LAND AMBULANCE ITS REPL	189.2	111.2	60.3	360.7			144.4			216.3	216.3			
IT0016 DESKTOP REPLACEMENT	438.3	369.2	336.4	1,143.9						1,143.9	1,143.9			
IT0017 NETWORK EQUIP REPLACEMENT	307.1	395.0	249.9	952.0						952.0	952.0			
IT0018 SERVER REPLACEMENT	234.2	317.9	300.3	852.4						852.4	852.4			
IT0019 SOFTWARE UPGRADE REPL	180.5	577.9	193.1	951.5						951.5	951.5			
IT0020 PRINTER REPLACEMENT	135.0	211.9	15.3	362.2						362.2	362.2			
IT0024 IT STRATEGIC PLAN	843.7	863.7	364.8	2,072.2						2,072.2	2,072.2			
IT0025 IT VOIP SYSTEM REPL	179.0	16.0	304.3	499.3						499.3	499.3			
IT0027 IT STRATEGIC PLAN - LAND AMBUL	104.7	107.2	45.3	257.2			102.9			154.3	154.3			
IT0038 2017 DATA ARCHIVAL SYSTEM			65.5	65.5						65.5	65.5			
Total Information Technology	2,611.7	2,970.0	1,965.2	7,546.9			247.3			7,299.6	7,299.6			
Total Information Technology	2,611.7	2,970.0	1,965.2	7,546.9			247.3			7,299.6	7,299.6			

# CAPITAL BUDGET APPROVED PROJECTS

## Finance

Project Number & Description	Gross Project Cost \$(000's)				Sources of External Funding					Net Cost to City	Sources of City Funding			
	2015	2016	2017	3 Yr Project Cost	Grants & Subsidies	Donations & Own Revenue	Developer & Partner	Development Charges	DC Debt		Capital Tax Reserves	Contingency Reserve	Capital Asset Renewal	Tax Debt
Finance														
GG0238 2019 DC STUDY			310.5	310.5				279.5		31.1		31.1		
Total Finance			310.5	310.5				279.5		31.1		31.1		
Total Finance			310.5	310.5				279.5		31.1		31.1		

## Police

Project Number & Description	Gross Project Cost \$(000's)				Sources of External Funding					Net Cost to City	Sources of City Funding			
	2015	2016	2017	3 Yr Project Cost	Grants & Subsidies	Donations & Own Revenue	Developer & Partner	Development Charges	DC Debt		Capital Tax Reserves	Contingency Reserve	Capital Asset Renewal	Tax Debt
Police														
PS0032 POLICE VEHICLES NEW		61.2		61.2						61.2	61.2			
PS0044 POLICE IT HARDWARE	211.7	308.1	267.0	786.8						786.8	786.8			
PS0045 POLICE BODY ARMOUR	28.3	63.3	62.8	154.4						154.4	154.4			
PS0046 POLICE FURNITURE	16.8	17.2	17.6	51.6						51.6	51.6			
PS0047 POLICE VEHICLE BASED EQUIPMENT	83.1	84.3	120.8	288.2						288.2	288.2			
PS0048 POLICE TACTICAL EQUIPMENT	87.8	18.5	25.8	132.1						132.1	132.1			
PS0049 POLICE EQUIPMENT GENERAL	120.4	156.6	186.5	463.5						463.5	463.5			
PS0057 POLICE VEHICLE REPL	414.4	453.6	610.4	1,478.4			24.0			1,454.4	1,454.4			
PS0059 POLICE RADIO SYSTEM		1,000.0		1,000.0						1,000.0	1,000.0			
PS0060 POLICE TELECOM EQUIP		400.0		400.0						400.0	400.0			
PS0061 POLICE HQ IT EQUIP	100.0	100.0		200.0						200.0	200.0			
Total Police	1,062.5	2,662.8	1,290.9	5,016.2			24.0			4,992.2	4,992.2			
Total Police	1,062.5	2,662.8	1,290.9	5,016.2			24.0			4,992.2	4,992.2			

## Library

Project Number & Description	Gross Project Cost \$(000's)				Sources of External Funding					Net Cost to City	Sources of City Funding			
	2015	2016	2017	3 Yr Project Cost	Grants & Subsidies	Donations & Own Revenue	Developer & Partner	Development Charges	DC Debt		Capital Tax Reserves	Contingency Reserve	Capital Asset Renewal	Tax Debt
Library														
LB0018 RFID INVENTORY CONTROL SYSTEM	105.0	135.0	150.0	390.0						390.0	390.0			
LB0019 LIBRARY SYSTEM/NETWORK UPGRDS		45.0		45.0						45.0	45.0			
LB0020 MAIN LIBRARY UPGRADES	10.0	10.0	160.0	180.0						180.0	180.0			
LB0032 LIBRARY OUTREACH SERV EXPANSIO		50.0		50.0						50.0	50.0			
LB0033 BRANCH UPGRADES & SUSTAINABILI	95.0		40.0	135.0						135.0	135.0			
Total Library	210.0	240.0	350.0	800.0						800.0	800.0			
Total Library	210.0	240.0	350.0	800.0						800.0	800.0			

## CAPITAL BUDGET APPROVED PROJECTS: DESCRIPTIONS

### Planning

#### **PL0021 ZONING BY-LAW REVIEW**

The Planning Act requires that the City update its Zoning By-law to be in conformity with the new Official Plan Update within three years of its approval. It is anticipated this comprehensive review will commence when the City's new Official Plan comes into effect and will require consultant and contract staff resources over a period of several years.

The overall project will be phased with Phase 1 commencing in 2015 which is an update of the CBD Zoning in accordance with the Downtown Secondary Plan.

#### **PL0022 CLAIR/MALTBY SECONDARY PLAN**

In accordance with the Official Plan, a comprehensive Secondary Plan is to be prepared for the Clair Maltby lands in south Guelph. The project is anticipated to be initiated in 2015 and will take approximately 36 to 42 months. A total project budget of \$900,000 is required to undertake comprehensive environmental, servicing, transportation, planning, design, financial and other studies necessary to support a community plan of this scale.

#### **PL0024 HERITAGE INITIATIVES**

In accordance with the Official Plan and the Ontario Heritage Act, the City will be undertaking a series of Heritage Conservation District Studies between 2011 and 2021. The first such study for the Brooklyn College Hill area was initiated in 2011 and was completed in 2014 (now under appeal to the OMB).

Subsequent HCD Study areas will be determined in consultation with Heritage Guelph and area residents.

#### **PL0036 MIXED USE NODES & CORRIDORS**

The measure of intensification and the creation of an attractive and livable City will be the successful development and redevelopment of the mixed use nodes, intensification corridors and neighbourhood nodes. Several of the Mixed Use Nodes are within the Greenfield Area and make a meaningful contribution to the Greenfield density targets. The intensification corridors have been identified in the City's Growth Plan Conformity amendment–Amendment 39. Detailed plans and urban design guidelines will be developed for these areas, phased over the next 10 years. The project will focus on priority corridors experiencing redevelopment pressure.

This is an action item from the Urban Design Action Plan OP Policies.

#### **PL0054 OFFICIAL PLAN REVIEW**

To initiate the next statutory update to the Official Plan. The review may be scoped and will need to address: Lake Erie Source Water Protection Plan, 2014 Provincial Policy Statement, 10 year review of the Growth Plan for the Greater Golden Horseshoe. The review could require significant background studies/analysis and public consultation to inform potential policy revisions (e.g. local growth management strategy, commercial policy review).

#### **PL0055 BROWNFIELD INITIATIVES**

To initiate a five-year review of the Brownfields Community Improvement Plan that was completed in 2011. It is anticipated that this will be a two year project requiring \$50,000 in total funding.

## CAPITAL BUDGET APPROVED PROJECTS: DESCRIPTIONS

### **PL0056 URBAN DESIGN GUIDELINES**

#### DSP Implementation

Implementation of the Downtown Secondary Plan includes the development of a Riverfront Public Realm Master Plan which is anticipated to be a two year project. The master plan will ensure the river system is protected and improved from an ecosystem function perspective while allowing and managing appropriate human and enjoyment of publicly accessible amenities.

### **Engineering**

### **PL0039 WELLINGTON ST DAM EA**

The 50 year agreement between the City and GRCA which assigned management responsibility for the dam to GRCA elapsed in 2008, and discussions are ongoing between the City and GRCA regarding the City taking over ownership and management of the dam. As a result of this process an Environmental Assessment will be required to determine the social, economic and environmental impacts of removing or retaining the structure.

### **PL0040 SITE MONITORING & REMEDIATION**

On going site monitoring and remediation for various City owned property such as IMICO, Fountain Street Lot, abandoned landfills as required by Ministry of Environment or other requirements.

### **RB0003 BRIDGE RECONSTRUCTION**

Provincial regulations require all bridges to be inspected at least once every two years. Engineering Services retains a consultant to provide these inspection services. In addition to these inspection services, an inventory with condition

assessments, rehabilitation recommendations and cost estimates are provided. The 2009 replacement value for the Bridge and Structure inventory was \$65 million. Based on this overall inventory value, it is recommended to budget \$1.5 million to \$2 million annually for sustainable funding for these important municipal assets.

Capital projects are based on the recommended life cycle rehabilitation work as reported in the bridge inspection report.

This project will be aligned with the reconstruction of streets, underground infrastructure improvements and widening of bridges may be included to provide bicycle lanes.

### **RD0118 TRANSPORT STRATEGY & TDM INITIATIVE**

Initiatives from the approved Guelph Wellington Transportation Study addresses the transportation needs in Guelph-Wellington for the planning period from 2001 to 2021. The Transportation Master Plan (Section 8 of the report) includes specific recommendations for Transportation Demand Management (TDM), walking and cycling, Guelph and inter-regional transit, City and County roadways, and Provincial highways in the study area.

### **PL0058 2015 FOUNTAIN ST - GEOTECH & ENVIRO**

2015 - Fountain St. - Geotechnical & Environmental investigations



## CAPITAL BUDGET APPROVED PROJECTS: DESCRIPTIONS

### **PL0059 2016 - 2018 HISTORICAL LANDFILL INVESTIGATION**

Fourteen landfills to be investigated over the three year period.

### **RB0005 2017 SPEEDVALE AVE BRIDGE**

Provincial regulations require all bridges to be inspected at least once every two years. Engineering Services retains a consultant to provide these inspection services. In addition to these inspection services, an inventory with condition assessments, rehabilitation recommendations and cost estimates are provided. The 2009 replacement value for the Bridge and Structure inventory was \$65 million. Based on this overall inventory value, it is recommended to budget \$1.5 million to \$2 million annually for sustainable funding for these important municipal assets.

Capital projects are based on the recommended life cycle rehabilitation work as reported in the bridge inspection report.

This project is aligned with the reconstruction of Speedvale to accommodate stormwater, watermain and wastewater servicing master plan recommendations. Widening of the bridge may be included to provide bicycle lanes.

### **RD0123 INFRASTRUCTURE SUSTAIN INITIATIVES**

The project is based on advancing the city's asset management for transportation, stormwater, water and wastewater asset systems. The replacement value of these system assets from the 2012 Sustainable Infrastructure Report was \$2.1 billion.

Ongoing condition assessments, lifecycle analysis, level of service review, integration of systems, project prioritization and infrastructure sustainability reporting are some of the activities that will continue to occur within this project.

### **RD0265 GORDON- CLAIR TO MALTBY**

Phase 2 of project commenced in 2009 for section of Gordon Street from 200 metres south of Clair Road to Maltby Road.

Existing road requires rehabilitation and upgrades due to additional anticipated traffic volumes from growth. Environmental Assessment (EA) completed for Gordon Street from Hart's Lane to Maltby. This section would be the third phase of the EA to be completed. The proposed upgrades include urbanizing the current rural road section, adding a additional through lanes, bicycle lanes and sidewalks. As well improvements for future subdivision development. The road reconstruction will be tied to future Water and Wastewater accounts to provide servicing for future development.

### **RD0267 CLAIR/LAIRD & HANLON INTERCHANGE**

Ministry of Transportation to construct interchange in 2011 to 2014 with agreement from City pay share at the time of completion of interchange. This infrastructure supports the development of the Hanlon Creek Business Park and South Guelph Industrial Lands.

### **RD0270 YORK-VICTORIA TO EAST CITY LIMITS**

Existing road requires rehabilitation and upgrades due to additional anticipated traffic volumes from growth. An Environmental Assessment (EA) was completed for York Road from Wyndham to Watson, this project would be an

## CAPITAL BUDGET APPROVED PROJECTS: DESCRIPTIONS

update of the EA for this second phase. The proposed upgrades include urbanizing the current rural road section, adding additional through lanes, bicycle lanes and sidewalks. As well improvements will facilitate future Guelph Innovation District development. The road reconstruction will be tied to future Water and Wastewater accounts to provide servicing for future development.

### **RD0271 STONE - EVERGREEN TO VICTORIA**

**Phase 1** of project was completed in 2005 for section of Stone Road from Watson to Victoria.

**Proposed Phase 2** is for Stone Road from Victoria to Monticello.

**Phase 2 - Stage 1** for Stone Road from Victoria to Village Green Drive started in 2014 and will be completed in 2015 to base course asphalt

**Phase 2 - Stage 2** for Stone Road from Village Green Drive to Gordon to be started in 2015

Completion expected to be in 2016 with final surface asphalt.

Environmental Assessment (EA) completed for Stone Road from Watson to Monticello.

The proposed upgrades include urbanizing the current rural road section, adding an additional through lanes, bicycle lanes and sidewalks.

### **RD0273 SILVERCREEK PKWY/CN SEP**

Environmental Assessment (EA) study is completed to support transportation needs at this location. The construction of this grade separation is part of the Ontario Municipal Board (OMB) settlement with the developers of the adjacent "Lafarge lands".

Project budget is for City share of grade separation along with road reconstruction of Silvercreek Parkway from Paisley to Waterloo Avenue.

### **RD0274 INT SPEEDVALE & DELHI**

Project identified in Guelph Wellington Transportation Study and City's Development Charges study.

The intersection would be reconstructed to add turning lanes and possibly bicycle lanes to facilitate anticipated increase in traffic volumes due to growth.

The reconstruction would also be tied to water and wastewater servicing master plan upgrades identified for the Speedvale corridor to support future growth and intensification.

The project is tied to the reconstruction of Speedvale Avenue from Stevenson to Woolwich. An Environmental Assessment is underway to determine the road cross section details, property and utility implications.

### **RD0276 PAVEMENT DEFICIT**

Rehabilitation of existing road pavement at various locations throughout City. Timely rehabilitation of pavement on a life cycle cost basis will assist in reducing future budget infrastructure funding deficits. Improved road network

## CAPITAL BUDGET APPROVED PROJECTS: DESCRIPTIONS

provides safe passage for the public and goods and services as well as improving the city image as being well maintained and a desirable place to live, work and play. A list of candidate roads is being developed through the city's Pavement Management System. Geotechnical investigations, closed circuit television review of underground infrastructure and consultation with city staff and external agencies will be conducted prior to establishing the 2011 Annual Asphalt Paving program.

### **RD0277 CIP ROAD UPGRADES**

Reconstruction of existing road pavement at various locations throughout area as detailed in the St Patrick's Ward Community Improvement Plan. This capital project is tied to Sewer Replacement, Watermain Replacement and Storm Sewer Replacement capital accounts. Infrastructure improvements in the area will support property redevelopment such as Woods property redevelopment, York/Wyndham property redevelopment, IMICO property redevelopment.

### **RD0278 WYNDHAM- CARDEN TO WOOLWICH**

This project to reconstruct Wyndham Street would include urban design elements and improvements to St. George's Square. Improved public spaces may also facilitate include cultural elements. The project would be aligned with watermain, wastewater and storm sewer replacement accounts. The design and work would support the Downtown Secondary Plan and Downtown Streetscape Plan.

### **RD0280 MAJOR ROAD RECONSTRUCTION**

Reconstruction of existing arterial and collector roads at various locations throughout the city. This project is tied to Sewer Replacement, Watermain Replacement and Storm Sewer Replacement accounts. Project may also include recommendations from the Water and Wastewater Servicing Master Plan. It is expected that the road reconstruction will include widening the road to include bicycle lanes.

### **RD0281 MINOR ROAD RECONSTRUCTION**

Reconstruction of existing local roads at various locations throughout the city. This project is tied to Sewer Replacement, Watermain Replacement and Storm Sewer Replacement accounts. Project may also include recommendations from the Water and Wastewater Servicing Master Plan.

### **RD0284 STRUCTURE REHABILITATION**

Rehabilitation of various structures throughout the city to extend service life. The city's inventory includes various structures such as minor culverts, retaining walls, steps that are reviewed on a bi annual basis to be consistent with provincial requirements for bridges.

### **RD0285 STARWOOD- WATSON TO GRANGE (SA)**

Placement of surface asphalt that has been deferred for a number of years.

### **RD0286 NISKA BRIDGE REPL**

An Environmental Assessment (EA) study is currently underway to determine the recommended alternatives for the bridge and road on Niska Road from Downey to the west city limit.

## CAPITAL BUDGET APPROVED PROJECTS: DESCRIPTIONS

### **RD0310 GORDON: EDINBURGH TO LOWES**

An Environmental Assessment (EA) will commence in 2015 with previously approved funds to review the possible widening of Gordon Street to accommodate a centre left turn. With residential intensification planned for this corridor, it is expected that additional traffic volume will require a turning lane to accommodate the increase in users.

### **RD0316 INT DOWNEY & NISKA**

An Environmental Assessment (EA) study is currently underway to determine the recommended alternatives for the bridge and road on Niska Road from Downey to the west city limit. The EA includes a review of the intersection of Downey and Niska.

### **RD0321 ACTIVE TRANSPORTATION**

This project results from the findings of the approved transportation master plan and cycling master plan. The initial project to be funded from this account is the design and construction of a multi use boulevard trail on Woodlawn Road from Nicklin to Elmira Road. Future active transportation facilities would be funded from this account as well.

### **RD0323 INT VICTORIA & CLAIR**

Anticipated increase in traffic volumes requires upgrades to this intersection including signalization.

### **RD0329 DOWNEY ROAD**

Traffic calming measures for Downey Road from Niska to Teal Drive is being reviewed in 2015. This project would

implement the recommended traffic calming measures based on the 2015 review.

### **RD0330 EMMA/EARL PEDESTRIAN BRIDGE**

An Environmental Assessment (EA) is required to review the possible construction of an active transportation link from Emma Street to Earl Street across the Speed River.

### **SL0001 INFRA SUSTAIN- STREETLIGHTS**

Capital upgrades to City's street lighting system at various locations throughout the City. The existing street lighting system requires on going replacement and rehabilitation to improve the street lighting network to provide safe passage for the public and goods and services as well as improving the city image as being well maintained and a desirable place to live, work and play. This on going annual program for street lighting replacement and rehabilitation is done by Guelph Hydro.

### **SW0049 HANLON CREEK STORM**

Storm water budget allocation to provide City share for oversizing of storm sewers and facilities in the Hanlon Creek Business Park.

### **SW0051 SWM POND REHABILITATION**

Completion of 2008 Stormwater Management Facility Inventory, Assessment and Maintenance Needs Plan for the city's existing inventory of over 100 storm water management facilities recommended rehabilitation of various facilities at locations throughout the City.

## CAPITAL BUDGET APPROVED PROJECTS: DESCRIPTIONS

Ministry of Environment certificate of approvals for storm water facilities requires on going maintenance and rehabilitation.

Another benefit of this on-going capital project is protection of the natural environment by improving quantity and quality of storm water to receiving water bodies.

### **SW0055 STORM SEWER INVESTIGATIONS**

On going condition assessment of stormwater sewer network as part of asset management program. Information is used to assist in determining priority capital project replacement and rehabilitation work

### **SW0057 STORM SEWER REPLACEMENT**

Reconstruction of existing storm sewers at various locations throughout the city. This project budget is tied to Major Road Reconstruction, Minor Road Reconstruction, Sanitary Sewer Replacement, Watermain Replacement, Water and Wastewater Servicing Master Plan and Stormwater Management Master Plan projects.

### **SW0059 HANLON CREEK/MILL CREEK WATERSHED**

This project will address needs in the area south of Clair Road with respect to city share of storm water infrastructure primarily along the Gordon Street corridor

### **SW0061 WATERSHED STUDY UPDATES**

Watershed studies completed by the city require updating as development in the area occurs to provide future guidance.

### **SW0062 STORM SEWER RELINE/REPAIR**

Results from the Storm Sewer Investigation study from 2008 to 2010 recommend rehabilitation of storm sewers to increase the life cycle of the existing sewer assets.

The study to date has investigated 35 per cent of the city's storm sewer network and has recommended \$35 million of various repairs. The timeline for these repairs needs to be confirmed but staff at this time have assumed a 20 year timeline.

Instead of replacing storm sewers, this project would strategically target storm sewers to use trenchless technology to reline sewers and perform point repairs prior to the sewer deteriorating to the point of full replacement.

This project would possibly be linked to the Pavement Deficit project in order to rehabilitate the underground infrastructure prior to rehabilitating the road surface.

### **SW0063 STORM SYSTEM UPGRADES**

With the expected completion and approval of the Storm Water Management Master Plan in 2011, staff is expecting, based on preliminary results, a number of storm sewer system upgrades to be recommended. To date, staff has received a preliminary list of seven projects totaling \$2.7 million. This project estimates a number of upgrades to the storm sewer system will be required.

### **SW0066 STORMWATER DRAINAGE OVERSIZING**

This development charge project is intended for the city share of oversized sewers.

## CAPITAL BUDGET APPROVED PROJECTS: DESCRIPTIONS

### **SW0069 STORMWATER STUDY IMPLEMENTATION**

A Stormwater Funding Study is currently underway and is expected to be completed in 2015. Depending on the approved recommendations from this study, the project will provide details on implementing a possible new funding method for stormwater system assets.

### **SW0070 WYNDHAM/CARDEN TO WOOLWICH**

This project is for the replacement and upgrading of stormwater infrastructure as part of the complete reconstruction of Wyndham Street from Carden to Woolwich. It is integrated with capital road, wastewater and water projects for this corridor.

### **SW0071 2015 STORM SEWER REPL CIP**

On going project for the replacement or rehabilitation of existing storm sewer system. Various locations as detailed in the St Patrick's Ward Community Improvement Plan. This project is tied to CIP Road Upgrades, Ward One: Sewer Replacement, Ward One: Watermain Replacement and projects recommended in the Water and Wastewater Servicing Master Plan and Stormwater Management Master Plan. Projects here will facilitate development and intensification in CIP area such as York/ Wyndham site, Woods site, IMICO site and other properties.

### **Solid Waste**

#### **WC0005 NEW COLLECTION VEHICLE**

This will support the Council approved project in converting the curbside waste collection program from a manual plastic bag collection program to a fully-automated cart collection program for organics, recyclables and garbage streams. This project encompasses the cost to purchase

fully automated growth collections vehicles equipped with GPS, and computer interface. It is necessary to increase the capacity of the waste collection, to accommodate for the City of Guelph's population growth. This will be achieved through the purchase of additional trucks.

#### **WC0006 WRIC EQUIPMENT REPLACEMENT**

This equipment meets the PSAB criteria for equipment replacement and has reached the end of its useful life. These initiatives will leverage technology to improve service delivery by increasing operational efficiency and improve asset management.

#### **WC0007 DOUBLE DECK FIBRE SCREEN**

One of the recommendations in the approved Solid Waste Management Master Plan is to achieve "High Performance Recycling." Installation of a new double deck fibre screen will enable the MRF to double its fibre processing capability and reduce labour costs. This aligns with best practices and improves operational efficiency, energy efficiency and service delivery levels.

#### **WP0004 EASTVIEW METHANE COLLECTION SY**

Upgrades to the system and infrastructure are required to ensure that there is sufficient amount methane being collected to supply the Ecotricity cogeneration facility and ensure it is running at its peak performance. An increase in methane collection has a direct relationship to emission reduction credits available for the city to market. This project directly contributes to several goals and objectives of the community energy objectives.



## CAPITAL BUDGET APPROVED PROJECTS: DESCRIPTIONS

It will increase the reliability of the equipment, leverage energy demand management, reduce the investment in infrastructure, reduce the operating costs (dedicated manpower/maintenance costs, field transportation, energy consumption) and annual equipment depreciation will improve.

### **WP0005 COMMERCIAL OUTBOUND SCALE**

The material shredder will reduce logistics costs by compacting the material volume for waste that is shipped off-site (increase tonnage shipped on a truck). As well, it allows for greater floor space availability for the storage of additional material.

### **Enterprise**

#### **PL0029 FACILITY ENERGY MEASURES**

This budget item covers energy efficiency and conservation measures that will be determined through multi-year auditing and continuous commissioning at City facilities. Improved corporate energy efficiency contributes to achievement of the Community Energy Initiative. It also establishes the City as a leader, both within and outside the community. Moreover, in light of double-digit utility rate escalation, reducing utility consumption is a key risk management strategy for the City.

### **Recreation Programs & Facilities**

#### **RF0037 LYONS- WALL REMOVAL**

A large block wall was erected at Lyon Pool when an accessibility ramp was installed in the pool. This wall reduces visibility of the guard staff and necessitates an extra staff person on deck during opening hours. Removing

the wall will enhance the look of the pool, and make it a safer facility.

Removal of the wall will result in a \$5,000 per year operating savings (PT Labour).

#### **RF0051 VRRC EXPANSION/RENOVATION**

The VRRC was built in 1974, and the average lifespan for a multi-recreational facility such as the VRRC is approximately 40 years. The ramps to access the pool and the arena viewing area do not meet current accessibility codes, and the lobby, handicap accessible pool change room and other areas need reconfiguration for future use.

#### **RF0059 CENTENNIAL ARENA RENO**

To examine the feasibility of building a second ice pad at the Centennial Arena site, and renovations to the existing arena site. Relocating the Zamboni "Corral" area so that the machine does not have to drive in an area outside the building where people may be walking.

#### **RF0062 WECC FITNESS ROOM EQUIP**

The West End fitness room is a small but extremely well used component of the community centre. Combined with the pools and gymnasium it provides for well-rounded fitness programming/opportunities for patrons. Specifically, this fitness room attracts a number of patrons who would be most unlikely to attend commercial fitness centres. There is a constantly growing demand from rehab participants and subsequently, there are a number of machines that are accessible.

## CAPITAL BUDGET APPROVED PROJECTS: DESCRIPTIONS

The Nautilus equipment in the West End fitness room is from the original build in 2001. It has had a number of repairs on it and several components are nearing the end of their life cycle.

An upgraded unit will continue to serve the health and wellness needs of our patrons.

These dollars are designated to upgrading the fitness equipment in 2016.

### **RF0071 WECC VESTIBULE @ POOL ENTRANCE**

The design of the main entrance of the West End Community Centre is impacting on the internal HVAC system. Currently the vestibule is too short and one automatic door does not have time to close before the second one opens which results in a blast of cold air each and every time the door opens. The cold air then gets pulled into the pool change rooms directly down the hall due to the negative pressure in pool/change rooms making those areas hard to maintain temperature in through our HVAC system and resulting in numerous customer complaints. This project will deliver a permanent solution that will assist in improving staff and customer experience and reducing energy consumption.

### **Community Engagement & Social Services**

#### **AS0004 EVERGREEN- INTERIOR BLINDS**

The Evergreen Seniors Community centre was opened in 1992 and 12 large windows have the original window covering still in place. The coverings, along with being outdated are also not energy efficient. The standard blinds currently on 12 oversize windows may have an insulating

value of R-1 and with new energy efficient blinds we could achieve an insulating value of up to R-6.

#### **AS0007 EVERGREEN - KITCHEN**

The Evergreen Kitchen has been functioning for more than 20 years, and is in need of equipment life span replacement. This equipment is needed to ensure reliability for safe food storage and preparation. New equipment will ensure fire code compliance, and be more energy efficient.

The current commercial oven within the restaurant operation is now 23 years old and it has been determined that the current safety and related energy requirements surrounding the operation of this equipment may be increasing utility costs significantly and thus needs replacement. As well, the current freezers are very old, have been serviced regularly and have become unreliable. The freezer has lasted beyond its current life cycle. A new freezer is anticipated to decrease energy costs as well as ensure food is stored at proper temperatures. It is estimated that the cost of a new freezer is less than the dollar value of spoiled food from an unreliable freezer, as well as the interruption in service to customers. An industrial exhaust fan needs to be installed to properly ventilate kitchen equipment, specifically the dishwasher and convection oven. The hood exhaust over the commercial oven needs to be replaced due to being at the end of its life cycle.

### **Culture & Tourism**

#### **RF0028 SLEEMAN- REPL CONCESSION EQUIP**

Replace aging concession equipment most of which is over 16 years old.



## CAPITAL BUDGET APPROVED PROJECTS: DESCRIPTIONS

### **RF0052 SLEEMAN SPONSORSHIP PROJECT**

The Naming Rights Agreement between the City and Sleeman Breweries Ltd calls for Sleeman Brewery Ltd to pay over a thirteen year period a sum of one million dollars. As part of the agreement, the yearly fee was phased in. It was understood that the funds were to be used exclusively for improvements at the Sleeman Centre. The current net annual fee is approximately \$66k annually. There are a number of projects that the funds were intended to be spent on and include TV replacement in bars and corridors, lighting upgrades, etc. The agreement contains an option for Sleeman to renew for a further 10 ten years on the same terms and conditions except for financial terms that would need to be renegotiated.

### **RR0102 BOX OFFICE / OTHER**

2016 - River Run Centre Box Office life cycle replacements or improvements including sign and system replacements

### **RR0103 TECHNICAL / THEATRE**

2015 - River Run Centre Front of House life cycle replacements or improvements including audio components and soft good replacement

2016 - River Run Centre Front of House life cycle replacements or improvements including lighting equipment and soft goods

### **RR0104 2015 FRONT OF HOUSE**

2015 - River Run Centre Front of House life cycle replacements or improvements including lobby video monitoring system and signage

### **Corporate Building Maintenance**

#### **FS0054 FIRE LIFECYCLE**

Plymovent system alterations to meet Ontario Building Code

#### **GG0180 ACCESSIBILITY IMPROVEMENTS**

Accessibility Audits will be coordinated with other audit projects (connectivity) in 2015, accessibility projects will be identified and prioritized for this year. AODA requirements under the Design of Public Spaces will form the base for the audits. Buildings that are likely to be of priority for this year include buildings attached to outdoor recreation facilities.

#### **GG0232 ADMIN LIFECYCLE**

Purchase of two new vehicles to be used by the supervisors in Corporate Building Maintenance

#### **GG0233 OPERATIONS AND TRANSIT LIFECYCLE**

Maintenance and replacement work at Operations building and maintenance for 50 Municipal

#### **GG0234 STRUCTURAL**

Low Risk Repairs & Assessments, some structural assessments, and Building Condition Assessment (\$125,000)

#### **GG0241 CITY HAL - ICE RESURFACER**

Purchase of a new ice resurfacing machine for the Market Square ice rink at City Hall. The current machine being used is at the end of its life cycle.

#### **LB0034 2017 LIBRARY LIFECYCLE**

2015 - Library life cycles projects includes partial flooring replacement, removal of asbestos cast iron boiler, replacement of parking lot lighting and stone repointing

## CAPITAL BUDGET APPROVED PROJECTS: DESCRIPTIONS

### **PO0021 PARKS LIFECYCLE**

Renovations to the Riverside Bandshell

### **RF0080 RECREATION LIFECYCLE**

Replacements and repairs at Centennial Pool, Centennial Arena & Sleeman Centre, repairs and maintenance at RCP Lawn Bowling, Evergreen, Exhibition, WECC & River Run.

### **Business Services**

### **RF0082 CLASS LICENSING MODULE**

This funding is for the upfront systems analysis and requirements gathering - predominately consultant expertise, it is anticipated once we have a better understanding of the scope and obtain the industry products availability, the actual purchase and installation of a new product will be much higher and additional funding will be required. The current software used by the Recreation department (CLASS) is being decommissioned in 2016 by the vendor. This software is mission critical to both the Recreation and other departments. It processes all the registrations for our leisure guide programs as well as administers our low-income subsidies (Fee assistance in recreation and affordable bus pass), provides the bookings and reservations for all our sports fields, arenas, gymnasiums and community rooms and is the Corporate point-of-sale system for all items sold over the counter across the city counters including Police, Courts, Transit, PW, Parking, Farmer Market and ServiceGuelph.

The scope of this funding is to cover the system as it relates to the business of "Recreation" and not the corporate point-of-sale system which is a separate project that will need to happen as a result of the CLASS decommissioning.

### **GG0243 2017 POSTAGE MACHINE**

Each year, the City sends approximately 200,000 items of mail valued at \$150,000 of postage. Many of the items that are mailed include legislated public notices and reports, property tax bills, invoices, and confidential or personal material. The postage machine is the fastest and most efficient way to process these daily large quantities of mail and most effective use of the staff time to complete the necessary task of getting postage on the mail.

The corporate postage machine useful life is five years and the current machine was purchased in 2012, and this is the planned replacement funding.

### **Parks**

### **PK0001 SOUTH END COMMUNITY PARK**

Due diligence and detailed design to support asphalt pathways for 2016.

### **PK0002 GUELPH TRAILS**

The Guelph Trails project involves continued implementation of growth related new trail projects as identified through Council approved Guelph Trail Master Plan.

2015: Detailed design and Construction of proposed canoe launch and node at priority location.

### **PK0005 SUNNY ACRES**

Due diligence phase: Park Re-Master Plan of P2 neighbourhood park and its implementation - design development to tender-ready set

Due diligence phase to include public consultation via community engagement model. Park budget to be

## CAPITAL BUDGET APPROVED PROJECTS: DESCRIPTIONS

established in conjunction with current standards for new parks.

To include but not limited to new trails, conversion of wading pool, play equipment upgrade in conjunction with replacement schedule, a picnic shelter, additional trees and re-purposing of scrub diamond. Development standards increase due to current community needs and expectations as well as best practices in other municipalities. Cost brought into line with 2013 DC study findings.

### **PK0007 VICTORIA RD NORTHVIEW**

Park Development: implementation phase 1

The project involves implementation of master plan including tendering process and construction of park elements for a new neighbourhood park in Northview Eastates subdivision. The programming for the park will include play equipment, planting, trails, bookable mini soccer field or neighbourhood field, natural ice rink and half basketball court. Development standards increase due to current community needs and expectations as well as best practices in other municipalities. Cost brought into line with DC study findings of 2013.

Corporate Strategic Plan: 3.1 Ensure a well designed, safe, inclusive, appealing and sustainable City

Funding: typical parks DC model (90/10)

Order of Magnitude: Class E (no concept exists; however, program parameters are a build-to budget)

### **PK0008 BULLFROG PARK NEW BASKETBALL**

Install a new half basketball court (20'x20' asphalt court, line painting, regulation height post with breakaway backboard).

### **PK0009 HUGH GUTHRIE PARK REDEVELOPMENT**

Due diligence phase: Park Re-Master Plan of P3 community park and its implementation - design development to tender-ready set

Due diligence phase to include public consultation via community engagement model. Park budget to be established in conjunction with current standards for new parks.

New master plan - Old University Community Improvement Plan item; Public process and implementation (Play Equipment Replacement due in 2017) Development standards increase due to current community needs and expectations as well as best practices in other municipalities. Cost brought into line with 2013 DC study findings.

### **PK0012 DAKOTA PARK REDEVELOPMENT**

Due diligence phase: Park Re-Master Plan of P2 neighbourhood park and its implementation - design development to tender-ready set

Due diligence phase to include public consultation via community engagement model. Park budget to be established in conjunction with current standards for new parks.

Re-Master Plan and Implementation to include but not limited to full/half basketball court, pathways, regarding of

## CAPITAL BUDGET APPROVED PROJECTS: DESCRIPTIONS

old play equipment areas, seating and picnic area and additional plantings (trees) Development standards increase due to current community needs and expectations as well as best practices in other municipalities. Cost brought into line with 2013 DC study findings.

### **PK0014 EASTVIEW COMMUNITY PARK**

The project involves continued implementation of Council approved Community Park Master Plan at closed Eastview Landfill Site at 186 Eastview Road. The Master Plan includes four Soccer Fields (Lit and Irrigated), two Football Fields (Lit and Irrigated), one Multi-purpose field/ Natural ice rink, Children's play area including junior play equipment, senior play equipment and water play, eight Beach Volleyball courts, two Basketball/ Tennis Courts, one concession/ washrooms/ change room facility with pedestrian plaza space, Picnic area with shelters, Recreational Trails/ pathways Vehicular Access from Speedvale Avenue and Watson Parkway and parking facilities, Tree and Shrub Plantings and Signage

2017: Construction of two soccer fields, eight beach Volleyball Courts, picnic shelters, park furniture, trails and Signage.

### **PK0018 MICO VALERIOTE PARK REDEVELOPMENT**

Conversion of existing wading pool to splash pad - holding amount only. Final budget will depend on site analysis, and final location.

### **PK0022 GUELPH TRAIL UPGRADES**

The project will involve design and development of trail connections within existing communities as per the Guelph Trails Master Plan.

2015: Infrastructure upgrades to existing trails

### **PK0023 LYON PARK**

Laneway's primary purpose was to act as access for park only. With sale of roadway, the lane has become main entrance into Wood Station - including heavy equipment movement. Dangerous situations exist for users as well as city staff / contractors using the roadway. Timing ahead of roadway refurbishment to take advantage of economies.

The project itself will involve the re-design of park where significant public safety issues are present. Park program will be maintained as well as revenue generating capacity.

### **PK0027 EXHIBITION PARK**

Redevelopment Master Planning and Implementation for an existing park.

Project Scope of work will include public consultation and Council approval of master plan.

### **PK0032 WINDSOR PARK REDEVELOPMENT**

Due diligence phase: Park Re-Master Plan of P2 neighbourhood park and its implementation - design development to tender-ready set

Due diligence phase to include public consultation via community engagement model. Park budget to be established in conjunction with current standards for new parks

Park Master Plan implementation for an existing park where park parcel size has been changed due to a land-swap in 2008. Children's play area to be relocated from behind the lots to front on Waverley Drive due to sight line and safety issues. The project timing to coincide with timing of play

## CAPITAL BUDGET APPROVED PROJECTS: DESCRIPTIONS

equipment replacement in 2015. Development standards increase due to current community needs and expectations as well as best practices in other municipalities. Cost brought into line with 2013 DC study findings.

### **PK0033 PLAYGROUND EQUIPMENT REPLACEMENT**

Play Equipment Replacement project is used annually for the replacement of existing equipment in City parks and open spaces to keep play equipment safe and up to Canadian Standards Association safety codes, there is a need to replace equipment at the end of its useful life expectancy. For the most part replacements are based on a pre-determined schedule, but in some cases equipment is replaced earlier due to vandalism or excessive use in very active parks.

2015: Play Equipment replacements due at Windsor, CNR Spurline, Mayfield and Riverside-West Parks

Play standards increase due to current community needs and expectations as well as best practices in other municipalities. Cost brought into line with 2013 DC study findings.

### **PK0038 GRANGEHILL PHASE 7**

Neighbourhood Park Master Planning for a future subdivision.

### **PK0040 PETER MISERSKY**

Due diligence phase: Master Planning for Redevelopment of Peter Misersky Park.

A housing development on former school board site adjacent to the park has forced the need to reorganize a

couple of the sportsfields impacted due to the new housing project. The project will involve re-purposing of existing baseball diamonds to soccer fields and construction of trails. Extensive neighbourhood consultation will be required.

### **PK0044 300 - 312 GRANGE ROAD PARK**

Master planning and community consultation for future parkette.

### **PK0048 CITYWIDE SKATEPARK FACILITY**

Construction of a City-wide skateboard park facility.

### **PK0053 COLONIAL DRIVE ICE RINK**

Installation of new Ice Rink in existing park. Increase to budget reflects new programming model - inclusion of backflow preventer and hot box.

### **PK0058 GYMCA PARKING LOT EXPANSION**

Project scope includes GYMCA Parking Lot expansion onto Joseph Wolfond Memorial Park West.

### **PK0062 LEASH FREE ZONES POLICY REVIEW**

Project scope of work includes review of current leash free zones policy and its update. Intended to re-align policy with new animal control by-law currently in progress. As well define new leash free zones and the associated programming, as well as future capital costs to implement.

### **PK0063 PROPERTY DEMARCATION POLICY REVIEW**

Looks at policies surrounding demarcation of public lands, as well as interface between public and private lands and best practices surrounding edge treatments and development. also ties into encroachment policy.

## CAPITAL BUDGET APPROVED PROJECTS: DESCRIPTIONS

### **PK0071 WELLINGTON PARK**

Beginning of due diligence phase for park design and development: soils testing, FSR, tree inventory, EIS, infrastructure assessments.

### **PK0075 PEDSTRN CONNECTN RAILWAY BRIDGE**

Detailed design development for construction in 2016 - to coincide with new railway bridge reconstruction. Bridge will be a vital link in active transportation network as well as provide key pedestrian linkage for large high-density new development sites along Arthur Street.

### **PK0083 ST. JAMES SCHOOL**

Reto-fit of existing outdoor (public) running track; under City obligation through reciprocal agreement with Catholic Board.

### **PO0007 PARKS INFRASTRUCTURE**

Capital funding to address upgrades and/or replacement of aging parks infrastructure, including fencing, bollards, pathways, tennis court surfacing, washroom interiors, lighting etc. Also includes projects as defined by H&S inspections for issues concerning public and employee safety. Includes all hard and soft costs of construction.

### **PO0008 TREES FOR GUELPH GREENING**

Funding for the installation of trees and shrubs city-wide, as part of Trees for Guelph's greening initiatives with local school groups.

### **PO0014 PARKS EQUIPMENT GROWTH**

Additional equipment is necessary due to expanded park assets/growth. The equipment will improve upon delivery of maintenance service standards.

### **PO0017 SPORTS FIELD RENOVATIONS**

Funding to fully renovate selected sports fields, including regarding and sodding to improve drainage and playability. Some city sports fields were developed in-house 30+ years ago, using crude agricultural implements, and the assets are long overdue for renovation. The fields will be taken off-line---not permitted for the season. We have not been able to schedule this work as we've been waiting for new sports field assets to be built to minimize the inconvenience to our user groups with the loss of fields from our booking inventory.

### **PO0022 SPORTSFIELDS LIGHTING**

Rotational program to ensure public safety and maintain service standards for user groups. Lights at all five major lit sports parks will be cleaned, re-lamped, and aimed.

2015 - Joe Kane

### **PO0023 CAROUSEL R & M**

Rotational planning for repairs and maintenance to alleviate extensive work in a singular season

### **PO0024 SCOREBOARD REPLACEMENTS**

Capital funding to address upgrades and/or replacement of aging parks infrastructure. Rotational program to ensure public safety and maintain service standards for user groups.

### **PO0025 INFRASTRUCTURE RENNOVATIONS**

Contingency/emergency funding to deal with pop-up/unplanned infrastructure needs. The number has been set as a percentage of the capital works scheduled for each year.



## CAPITAL BUDGET APPROVED PROJECTS: DESCRIPTIONS

### **PO0027 2015 PARKS IRRIGATION**

This phased project includes irrigation systems at various sports fields as part of the operation's Integrated Pest Management program to improve the quality of sports turf for safe playing conditions, while maximizing the use of water.

### **By-law Compliance, Security and Licensing**

#### **PG0071 SECURITY INFRASTRUCTURE REPLACEMENT**

To replace aging security systems (Camera, access, intrusion) within various City facilities as they reach the end of their life cycle. Existing systems within City facilities are in place to provide protection to the public, staff and City assets by discouraging unwanted activities.

#### **PG0072 LICENCE PLATE RECOGNITION**

Replacement of the current assets (licence plate recognition system) that Bylaw Compliance Officers utilize to issue parking tickets for time limit zones and to identify stolen vehicles.

#### **PG0080 2017 COMPUTER TICKET WRITERS**

Replacement of the current assets (handheld ticket writers) that Bylaw Compliance Officers utilize to issue parking tickets for various offences.

### **Transit**

#### **TC0004 COIN EQUIPMENT**

Asset will be at the end of its useful life. This project is for replacement of the coin counter and roller/wrapper in Guelph Transit's coin room twice within the 10-year window. The first replacement is required in 2013 and the second in 2021. The 2013 expenditure was pushed out to 2014 during

the 2012 capital budget process and then pushed to 2015 during 2014 budget process.

#### **TC0006 SATELLITE LOCAL CLAIR/GORDON**

The development of this local Transit hub will support the transit network in the south end which is the fastest growing area of the City. This hub will allow the development of a route network and service levels to achieve the goals and objectives of the Transit Growth Strategy. A license agreement was signed with Loblaw Properties in March 2010.

#### **TC0010 EXISTING BUS STOP- UPGRADE**

Ongoing upgrades of signage, information posts and pads at bus stops that have not changed location under Transit Growth Strategy but will require ongoing upgrades to accessible concrete pads, info posts and signage. Accelerates Project TC0041.

#### **TC0018 TERMINAL IMPROVE AT SUB-NODES**

Improvements to sub-nodes are critical to implementation of new routes developed and approved in the Transit Growth Strategy. Locations identified in the Transit Growth Strategy include West End Rec Centre, Waste Resource Innovation Centre and Stone Road Mall.

#### **TC0023 BASE SERVICE INCREASE- LAFARGE**

Implementation of new route on Silvercreek Parkway to service Lafarge lands located between Paisley and Waterloo after Silvercreek Parkway is reopened south of Paisley. Project requires installation of stops including pads, shelters, posts, signage as well as acquisition of two new buses. Implementation of this route is detailed in the Transit Growth Strategy.

## CAPITAL BUDGET APPROVED PROJECTS: DESCRIPTIONS

### **TC0043 BUS SHELTER PURCHASE**

Increase number of bus shelters throughout the city.  
Purchase of five new shelters per year.

### **TC0047 TRANSIT MASTER PLAN UPDATE**

The Transit Growth Strategy was approved by Council in 2010. This is a review and update of that plan. The Plan is required for the proper planning and acquisition of transit related infrastructure to support future demand.

### **TC0048 TRANSIT VEH & EQUIP REPLACEMENT 2015**

Vehicle replacements - four conventional buses, one service vehicle and onboard camera replacements

### **TC0050 BUS STOP ACCESS UPGRADE 2016**

This is an ongoing annual program to upgrade existing bus stops from non-accessible to accessible. Bus stop accessibility upgrades are a requirement under AODA legislation, allowing passengers who utilize mobility devices access to conventional Transit services. The request for funding is a continuation of the commitment by Council to be fully compliant with accessibility standards and comply with AODA regulations.

### **TM0005 2017 MOBILITY VAN NEW**

As per the recommendation in the Transit Growth Strategy, the Community Bus routes will be expanded to provide additional coverage. The revised Community Bus routes that were implemented in January 2012 have proven very successful and have a very high utilization rate.

### **Public Works**

### **GG0187 FLEET VEH & EQUIP REPLACEMENT**

This project is for the annual replacement of vehicles and equipment in the Corporate Fleet

### **GG0228 MUNICIPAL ST BLDG EXPANSION**

This project is to provide funding for a consultant to provide a building/operation needs assessment for the Public Works Department. In 2013 Public Works undertook a project to close a section of to increase Denver Street to increase the size of the Public Works Yard. During our Community Engagement process it was made amply clear by the citizens in the neighbour that by enlarge not only were opposed to the closure of Denver Street, they would also like to see the Public Works Yard relocated to a more industrial area of the City as has been recently done by several neighbouring municipalities.

### **GG0244 2015 RIVERSIDE FUEL TANK**

This project is for the replacement of the in-ground fuel tanks at Riverside Park.

### **PG0057 WEST PARKADE- STRUCTURAL REHAB**

Install an elastomeric waterproofing and traffic topping system in two to three levels in the West Parkade. The intermediate garage slabs are not protected from salt penetration. Salt may eventually penetrate the reinforcing and post tensioning cables leading to costly repairs. The work, scheduling and estimated costs have been identified through an annual Structural Assessment undertaken by Engineering consultants. The planned work is required to maintain the structural integrity of the facility and forms part of other rehabilitative activities required to maintain the operation of the facility.

### **PG0058 PARKADE ANNUAL STRUCTURAL REHABILITATION**

Minor rehabilitation of the East and West Parkades. Timely rehabilitation on a life cycle cost basis will assist in reducing



## CAPITAL BUDGET APPROVED PROJECTS: DESCRIPTIONS

future budget infrastructure costs. The work, scheduling and estimated costs have been identified through an annual Structural Assessment undertaken by Engineering consultants. The planned work is required to maintain the structural integrity of the facility and forms part of other rehabilitative activities required to maintain the operation of the facility.

### **PG0059 PARK YOURSELF UNITS- REPLACEMENT**

To replace the existing park yourself units in various parking facilities that allow the public to make direct payment to park. The existing units are at the end of their life cycle and will begin to require substantial maintenance. These replacement machines will have the ability to accept various methods of payment.

### **PG0061 PARKING METER- REPLACEMENT**

Replacement parts and housings for on-street parking meters located on West mount Road, Delhi and other areas.

### **PG0064 WEST PARKADE ROOF DECK**

The garage roof slab is not protected from salt penetration. Positive drainage is provided by the slope of the deck, reducing water pooling on the deck for extended periods of time. Salt from vehicle undercarriages may eventually penetrate the reinforcing and post tension cables, leading to costly repairs. As this level of the garage is exposed to the elements many waterproofing products are not suitable for this application. A bonded asphalt waterproofing and traffic topping system at this level of the garage is recommended.

### **PG0066 PARKADE ELEVATOR REPLACEMENT**

This project encompasses the assessment and replacement of one elevator in the West Parkade. In 2010 one of the

elevator's in the West Parkade failed for long periods of time generating concerns and negative feedback from the public and the owners and occupants of the Quebec Mall.

### **PG0070 PARKING SIGN UPGRADES**

The design and replacement of directional and kiosk signing throughout the downtown plays an important role in the viability of downtown as it provides wayfinding to the facilities as well as, could provide real time information as to what parking is available and improve the public's satisfaction with the parking operation.

### **PG0073 SURFACE LOT ANNUAL REHABILITATION**

Minor rehabilitation of surface parking lots. Timely rehabilitation on a life cycle cost basis will assist in reducing future budget infrastructure costs. The work, scheduling and estimated costs have been identified through annual assessments undertaken by staff. The planned work is required to maintain the structural integrity of the parking lot and ensures minimum time that the lots would be unavailable for public use.

### **PG0075 PARKING SYSTEM STUDY**

Study to assess existing parking operations and recommend new or enhanced parking operational systems with an implementation plan and schedule and cost estimate. Parking study to take into consideration growth in and around the downtown as well as any other urban growth centres or nodes that may be existing or proposed.

### **PO0013 EMERALD ASH BORER STRATEGY**

The Emerald Ash Borer has been discovered in Guelph, it is imperative to develop a strategy to address the significant impacts of this destructive pest. With the arrival of the pest,

## CAPITAL BUDGET APPROVED PROJECTS: DESCRIPTIONS

thousands of ash trees will be lost and it is critical to identify a means of managing the green infrastructure.

### **PO0026 2015 TREE & SHRUB RENEWAL**

Funding for the installation of trees and shrubs by Forestry staff for both new and replacement plantings in parks and greenways. The funding provides for discretionary plantings beyond developer funded subdivision plantings. Where trees are lost in mature neighbour hoods and parks due to storm damage or insect/disease, these funds will allow for replacement plantings. With the arrival of the Emerald Ash Borer, thousands of trees are at risk of loss.

### **RD0293 SNOW DUMP CONSTRUCTION**

Construction of a snow storage and controlled melt facility to conform to industry best management practices and Federal salt management requirements to mitigate and reduce the impact of road salt to the physical environment.

### **RD0295 ROAD INFR SUSTAINABILITY**

Creation of mobile road patrol/asset inspection system as required through provincial legislation to identify necessary road and related infrastructure repairs. Where deficiencies are identified, return such assets to compliance and to fund ongoing repairs identified through inspection and condition assessment processes.

### **RD0333 2015 RIGHT OF WAY INFRASTRUCTURE SUSTAIN**

Creation of inventories and condition assessments to identify necessary repairs to infrastructure that is deficient and provide funding to return such assets to compliance such as: guide-rails, handrails, retaining walls, fencing, etc.

### **TF0001 STARWOOD & WATSON TRAFFIC SIGNALS**

New warranted traffic signal installation to support increase traffic volumes, pedestrian flow and reduction in collisions.

### **TF0004 INTERSECTION- SIGNAL REBUILD**

This annual project is for minor modifications to existing traffic signals e.g., replacing malfunctioning equipment, upgrading the equipment, adding pedestrian count down heads, audible pedestrian signals, advance left turn indications etc.

### **TF0002 NEW SIGNAL INSTALLATION**

New signalized locations are based upon warrants that consider vehicle and pedestrian movements over the highest 8 traveled hours of the day and collisions that are preventable with their installation over a three year period.

### **TF0003 TRAFFIC SIGNAL EQUIP REPLACEMENT**

This annual project is based upon the scheduled replacement of traffic signals controllers based upon a life cycle of 10 to 12 years.

### **TF0005 SIGNALIZED CONTROL SYSTEM**

The traffic signalized control signal system coordinates traffic signals to achieve network wide traffic operational objectives. This system consists of intersection traffic signals, a communication network to tie them together and a central computer or network of computers to manage the system. The existing traffic signal system is comprised of two separate systems running independently, purchased in 1998 and 2001. It is recommended through best practice reviews that traffic signal systems be replaced every seven to 10 years due to software and hardware being aged and no replacements available and the inability of existing

## CAPITAL BUDGET APPROVED PROJECTS: DESCRIPTIONS

systems to add functionality such as transit priority. This is a two year project, 2015 and 2016.

### **TF0007 LED SIGNAL REPLACEMENT**

The LED signal replacement program is required as the initial LED technology implemented has a life cycle of seven to 10 years. It is important to realize that the use of LED technology reduces energy consumption costs (hydro) by up to 90 per cent.

### **TF0008 TRAFFIC MGMT INITIATIVES**

Traffic management initiatives consist of physical changes on local and collector roads that evolve through community engagement activities to reduce/mitigate traffic speeds and through traffic issues. Staff has been attempting to rectify these issues through the use of signage, pavement markings and enforcement. Community groups continue to request physical changes (speed humps, narrowing of roads, etc.) to resolve/mitigate the issue(s).

### **TF0009 ACCESSIBLE PEDESTRIAN SIGNALS**

City of Guelph Accessible Customer Service Policy (AODA) states that "Reasonable efforts will be made to ensure that people with disabilities will be given an opportunity equal to that given to others to obtain, use and benefit from the goods and services." The installation of Accessible Pedestrian Signals on a planned program over a 10 year period adheres to the general principle noted above and allows both residents and non-residents the ability to be mobile throughout the community.

### **TF0010 PEDESTRIAN COUNTDOWN HEADS**

Pedestrian Count Down Heads provide additional information to those who cross at signalized locations. It

enables improved decision making to the elderly and children as they attempt to cross the traveled portion of the roadway.

### **TF0012 SCHOOL SPEED ZONE**

In 2014 the city implemented reduced speed zones in front of elementary schools; two types; 30 km/h all day and flashing 40 km/h during certain times of the day Monday through Friday. It is anticipated that we will be expanding this program on annual basis. These costs are based upon two additional schools per year, plus additional installations requested by Council, with a five per cent inflation per year.

### **WN0001 WINTER CONTROL UPGRADE**

Project consists of upgrades and additions to operating equipment inventories in order to comply with federal/provincial legislation with respect to salt impact to the environment and to support the Council approved Salt Management Plan and Winter Control Service levels. Improvements also include upgrades to technological tools/software to aid in the delivery of services and reduce overall salt output and related costs.

### **Emergency Services**

#### **AM0001 LAND AMBULANCE VEH REPLACEMENT**

Life cycling of three ambulances which have high mileage and are subject to breaking down. It is essential that this equipment be dependable as it is used to preserve life. Also includes one management SUV. This vehicle allows on call management staff to attend multi-casualty and other severe incidents.

## CAPITAL BUDGET APPROVED PROJECTS: DESCRIPTIONS

### **AM0002 LAND AMBULANCE EQUIP REPLACEMENT**

Life cycle replacement of stretchers (main, bariatric and scoop), stair chairs, fracture boards and C-pap units.

### **FS0030 FIRE VEHICLE REPLACEMENT**

Life Cycling of Chief Training Officers 10 year old vehicle.

### **FS0031 FIRE EQUIP REPLACEMENT**

Life cycling of protective gear (helmets, clothing, boots, etc.), air monitoring equipment, generators & battery back-up, furniture, fleet mechanical equipment and fire hoses.

### **FS0032 FIRE RADIO REPLACEMENT**

Replacement of end of life Dispatch consoles. Motorola is ceasing production of this style of console and is winding down support. Existing dispatch console is 16 years old and have been in use 24/7/365.

### **FS0045 RADIO INFRASTRUCTURE REPLACEMENT**

The current FleetNet radio system utilized by Fire and Police will not be supported in it's current form past 2016. We have been informed that we need to be budgeting infrastructure funds as we will need upgrades if the current radio system is used or we will have to look at a replacement radio system. The province is involved in the Government Mobile Communications Project (radio system replacement) and this is coming to fruition in 2016. This is causing some uncertainty for the future of our radio system. The Guelph Police Service will be budgeting a similar amount. Should Bell Mobility Radio not be utilized a replacement radio system will be considerably more expensive.

### **Information Technology**

#### **IT0001 FOLDING MACHING REPLACEMENT**

The Folding machine is used by various departments for mass mailings to internal and external parties. Replacement schedule is based on life-cycle analysis linked to total usage.

#### **IT0015 LAND AMBULANCE ITS REPLACEMENT**

To provide for the scheduled replacement of computer desktop hardware, network hardware, server hardware, upgrades to software systems and printing devices.

The replacement schedule is based on a life-cycle analysis that minimizes total cost of ownership.

#### **IT0016 DESKTOP REPLACEMENT**

To provide for the scheduled replacement of computer desktop hardware including: monitors, laptops, specialty laptops, specialty application desktops, multi media devices such as LCD projectors and GPS locators.

The replacement schedule is based on a life-cycle analysis that minimizes total cost of ownership.

#### **IT0017 NETWORK EQUIP REPLACEMENT**

To provide for the scheduled replacement of network hardware including the following: core network communication appliances, network security devices, fibre optic cable replacements, network supporting infrastructure, communication wiring, and existing wireless infrastructure.

The replacement schedule is based on a life-cycle analysis that minimizes total cost of ownership.

## CAPITAL BUDGET APPROVED PROJECTS: DESCRIPTIONS

### **IT0018 SERVER REPLACEMENT**

To provide for the scheduled replacement of server hardware including the following: physical and virtual servers, disk drives and storage solutions, backup infrastructure and related supporting infrastructure. These devices are distributed across two data centres.

The replacement schedule is based on a life-cycle analysis for current items that minimizes total cost of ownership and maintains availability of systems as prescribed by user needs.

### **IT0019 SOFTWARE UPGRADE REPLACEMENT**

To provide for scheduled upgrades of software systems which are required to ensure compliance with maintenance agreements as well provide the latest features and fixes of those systems. The following is also included: updates and renewal of the Corporate web site, upgrades of server operating systems, upgrades of desktop software suites, upgrades and renewal of major applications.

### **IT0020 PRINTER REPLACEMENT**

To provide for the scheduled replacement of printing devices including the following: office printers, large format printers and other specialized printing devices.

The replacement schedule is based on a life-cycle analysis that minimizes total cost of ownership.

### **IT0024 IT STRATEGIC PLAN**

The IT strategic plan outlines a series of goals, objectives and initiatives designed to support the strategic directions of the City. The plan will guide IT decision making, resource

allocation and prioritization by focusing on how technology is planned for and delivered to the entire organization.

The following pillars, constitute the IT Strategic Plan framework for leveraging the City's technology investment and corporate strategic goals:

I. Open Government Data/e-Government

II. IT Governance

III. IT Sustainability

IV. Service Delivery Standards.

### **IT0025 IT VOIP SYSTEM REPLACEMENT**

"To provide for the scheduled replacement of Phone System hardware including the following:

Phones, Analog Equipment, PBX software, Applications like call queueing, Network equipment like routers and voice gateways

The replacement schedule is based on a life-cycle analysis that minimizes total cost of ownership.

### **IT0027 IT STRATEGIC PLAN - LAND AMBUL**

This project is directly associated with IT0024. This account reflects the portion of the total IT Strategic Plan associated to Land Ambulance.

### **IT0038 2017 DATA ARCHIVAL SYSTEM**

To provide an expansion of existing data capacity and its life cycle replacement. This secondary storage level will be used to archive older data at near line accessibility levels (as opposed to on-line) for information that is no longer current

## CAPITAL BUDGET APPROVED PROJECTS: DESCRIPTIONS

but required to be kept according to retention legislation and by-laws.

The replacement schedule is based on a life-cycle analysis that minimizes total cost of ownership.

### Finance

#### **GG0238 2019 DC STUDY**

Development charges provide for the recovery of growth-related capital expenditures from new development. The Development Charges Act is the statutory basis to recover these charges and the background study represents the service needs arising from residential and non-residential growth over the forecast periods.

Although the current DC By-law does not expire until March 2, 2019 staff require sufficient time to prepare the necessary forecasts, gain stakeholder input and review policy recommendations.

### Police

#### **PS0032 POLICE VEHICLES NEW**

Long term schedule for acquisition of new vehicles based upon projected growth.

#### **PS0044 POLICE IT HARDWARE**

The capital project Information technology (IT) hardware includes both information technology equipment and the investigative unit technical crimes equipment. The project includes the life cycle replacement of IT hardware.

#### **PS0045 POLICE BODY ARMOUR**

Life cycle replacement of police regular body armour, heavy duty tactical body armour and tactical ballistic helmets.

#### **PS0046 POLICE FURNITURE**

Life cycle replacement of furniture at police facilities.

#### **PS0047 POLICE VEHICLE BASED EQUIPMENT**

Life cycle replacement of police vehicle based equipment including lighting, prisoner partitions, etc. This also includes the general costs that are required to prepare a vehicle for the road including striping, installation of lights, etc which is an extension of the total cost of the vehicle.

#### **PS0048 POLICE TACTICAL EQUIPMENT**

Life cycle replacement of police tactical equipment including specialized equipment and firearms.

#### **PS0049 POLICE EQUIPMENT GENERAL**

Life cycle replacement of police equipment which includes firearms and specialized equipment for police units (traffic, intelligence, identification, etc.). This project excludes the tactical unit equipment as well as information technology hardware which are both budgeted in other capital projects.

#### **PS0057 POLICE VEHICLE REPLACEMENT**

Life cycle replacement strategy for police vehicles. A total of 22 vehicles are scheduled to be replaced with new and pre owned vehicles in 2015.

#### **PS0059 POLICE RADIO SYSTEM**

Due to the anticipated expiry of the current radio system contract with Bell in 2016 a placeholder has been forecasted to fund radio system infrastructure in 2016. The radio structure is shared with Fire, therefore, this project will be cost shared equally with the Fire department. There is a need for the radio system to be updated to more current technology as the current equipment will not be supported past the expiry of the current contract. An amount has been



## CAPITAL BUDGET APPROVED PROJECTS: DESCRIPTIONS

estimated as it is not known at this time who will be the chosen vendor as the majority of the province will be looking for a new contract in 2016.

### **PS0060 POLICE TELECOM EQUIPMENT**

The telecom equipment that the police utilize will reach end of life in 2016 and will no longer be supported by Bell Canada for 911. The equipment will need to be transitioned from Nortel equipment to new equipment that Bell Canada will support.

### **PS0061 POLICE HQ IT EQUIPMENT**

A placeholder has been forecasted for Information Technology equipment that will be required for the upcoming police headquarters renovation. Required equipment includes security cameras, conferencing equipment, telephones, wireless equipment and cabling.

### **Library**

#### **LB0018 RFID INVENTORY CONTROL SYSTEM**

In keeping with the best practices the implementation of an inventory control and security system for the library's collection. This would be an ongoing project over the course of a number of years as each branch collection, unit by unit, must be tagged and information input into system. In addition workflow issues involving re-configuration of circulation desks, moving security gates, and providing self-checkout units to the different locations. This technology would be fully transferable to a new Central Library location.

#### **LB0019 LIBRARY SYSTEM/NETWORK UPGRDS**

Required upgrades to our network and server infrastructure as well as any enhancements to our Integrated Library System, Polaris. This technology is integral to the Library's

daily operations and includes, but is not limited to, traditional and wireless networks, VOIP, and the Integrated Library Software.

### **LB0020 MAIN LIBRARY UPGRADES**

Ensuring that the current Main Branch remains operational and accessible until a new Central branch is constructed.

### **LB0032 LIBRARY OUTREACH SERVICE EXPANSION**

As stated in the Guelph Public Library Bookmobile Service Review in 2011, the current bookmobile has been evaluated by City of Guelph Public Works Department to have a life expectancy of five years. In 2016, GPL would replace the current bookmobile with different service model to continue to serve the citizens who have difficulty accessing the library.

### **LB0033 BRANCH UPGRADES & SUSTAINABILITY**

On-going funding requested for branch location upgrades to maintain/expand current service level.