City of Brockville

2018 Budget

November 7, 2017

PROPOSED 2018 CAPITAL PROJECTS

2018 Proposed Capital Budget

CAPITAL PROJECTS PROPOSED FOR 2018

Costs and Revenues stated in 2017 dollars

Category	Projects	Gross cost of Project	Amount required this year	Federal Gas Tax	Reserve Funds / Reserves / Surplus'	Grants/ Subsidies/ Donations / Other	Water Fund	Wastewater Fund	Operating Fund	Debentures	Total Capital Funding
Bridges	.1 William Street Overpass Repairs	1,715,000	1,715,000	479,485		1,235,515					1,715,000
Bridges	.2 Elm Street Pedestrian Bridge Repairs	40,000	40,000						40,000	0	40,000
Total Bridges		1,755,000	1,755,000	479,485	0	1,235,515	0	0	40,000	0	1,755,000
Facilities	.1 Building/Equipment Maintenance Program	384,150	384,150		75,000				309,150	0	384,150
Facilities	.2 Victoria Building - Window Repair/Replacement-Phase 6 of 8	1,160,000	100,000	100,000						0	100,000
Total Facilities		1,544,150	484,150	100,000	75,000	0	0	0	309,150	0	484,150
Employment Lands	.1 Service Employment Lands	900,000	900,000			900,000					900,000
Total Employment Lands		900,000	900,000	0	0	900,000	0	0	0	0	900,000
Fleet-Tax Rate	Tax Rate portion	598,344	598,344		271,569	13,000			115,916	197,859	598,344
Fleet-Wastewater	Wastewater portion	71,928	71,928					71,928		0	71,928
Fleet-Water	Water portion	134,416	134,416				134,416			0	134,416
Total Fleet		804,688	804,688	0	271,569	13,000	134,416	71,928	115,916	197,859	804,688
Parking	.1 Parking Lot Improvements	0	0							0	0
Total Parking				0	0	0	0	0	0	0	0
Recreational	.1 Rotary Park - Phase 4 of 4	200,000	50,000						50,000	0	50,000
Recreational	.2 Brock Trail	2,151,000	201,000	67,000		134,000				0	201,000
Recreational	.3 Cycling Network	270,000	30,000	15,000		15,000				0	30,000
Recreational	.4 Twin Pad Ice Rink - Phase 1 of 3	15,000,000	750,000		750,000						750,000
Recreational	.5 Parkland Equipment Program	350,479	350,479		50,000				183,479	117,000	350,479
Recreational	.6 Reynolds Park Design	50,000	50,000		50,000						50,000
Recreational	.7 Cunningham Park Seawall	300,000	300,000	300,000							300,000
Recreational	.8 Ferry Street Seawall	125,000	125,000	125,000							125,000
Total Recreational		18,446,479	1,856,479	507,000	850,000	149,000	0	0	233,479	117,000	1,856,479
Roads	.1 Asphalt / Concrete Program	750,000	750,000	680,000					70,000		750,000
Roads	.2 Garden St - King to Pine Tax Rate portion	90,000	90,000	8,256					81,744	0	90,000
Roads	.3 Bying Ave.- North Augusta-Murray Tax Rate portion	75,000	75,000	0					75,000	0	75,000
Total Roads		915,000	915,000	688,256	0	0	0	0	226,744	0	915,000
Total Solid Waste				0	0	0	0	0	0	0	
Stormsewer	.1 Garden St.- King to Pine Storm Sewer portion	95,000	95,000	41,628					53,372		95,000
Stormsewer	.2 Bying Ave.- North Augusta-Murray Storm Sewer portion	110,000	110,000	56,628					53,372	0	110,000
Total Stormsewer		205,000	205,000	98,256	0	0	0	0	106,744	0	205,000
Total Tourism				0	0	0	0	0	0	0	0
Traffic Signals	.1 Traffic Signal Controllers (2/year)	70,000	70,000	70,000						0	70,000
Total Traffic Signals		70,000	70,000	70,000	0	0	0	0	0	0	70,000
Wastewater	.1 Garden St.- King to Pine Sanitary Sewer portion	95,000	95,000		65,000			30,000		0	95,000
Wastewater	.2 Bying Ave.- North Augusta-Murray Sanitary Sewer portion	110,000	110,000		65,000			45,000		0	110,000
Wastewater	.3 Pre-Engineering services	10,000	10,000					10,000		0	10,000
Wastewater	.4 Water/Wastewater Meter Replacement Program Phase 7 of 7	162,500	162,500					162,500		0	162,500
Wastewater	.5 WPCC Equipment program	376,500	376,500					376,500		0	376,500
Total Wastewater		754,000	754,000	0	130,000	0	0	624,000	0	0	754,000
Water	.1 Garden St.- King to Pine Water portion	110,000	110,000		65,000		45,000			0	110,000
Water	.2 Bying Ave.- North Augusta to Murray Water portion	145,000	145,000		65,000		80,000			0	145,000
Wastewater	.3 Water/Wastewater Meter Replacement Program Phase 7 of 7	162,500	162,500				162,500	0		0	162,500
Water	.4 Water Distribution Projects	425,000	425,000		0		425,000			0	425,000
Water	.5 Water Equipment	624,000	624,000		0		624,000			0	624,000
Total Water		1,466,500	1,466,500	0	130,000	0	1,336,500	0	0	0	1,466,500
Other	.1 Computer Replacement Program Tax Portion	92,000	92,000				2,700		89,300		92,000
Other	.2 Corporate Computer System	189,000	189,000						189,000		189,000
Other	.3 Replacement of GWMC/Fire Radio & Communication Equip.	80,000	80,000	80,000							80,000
Other	.4 Priority Minor Capital Projects	107,750	107,750				5,000	5,000	97,750		107,750
Other	.5 Floodplain Mapping Update	107,500	107,500			72,500			35,000		107,500
Total Other		576,250	576,250	80,000	0	72,500	7,700	5,000	411,050	0	576,250
Grand Total		27,437,067	9,787,067	2,022,997	1,456,569	2,370,015	1,478,616	700,928	1,443,083	314,859	9,787,067
											9,787,067

FUNDING OF PROJECTS

FACILITIES

2.2 – Victoria Building Window Retrofit

Project Description & Rationale

Project Description:

Phase 6 of City Hall Window Retrofit program to improve both energy efficiency and esthetic of all City Hall Windows.
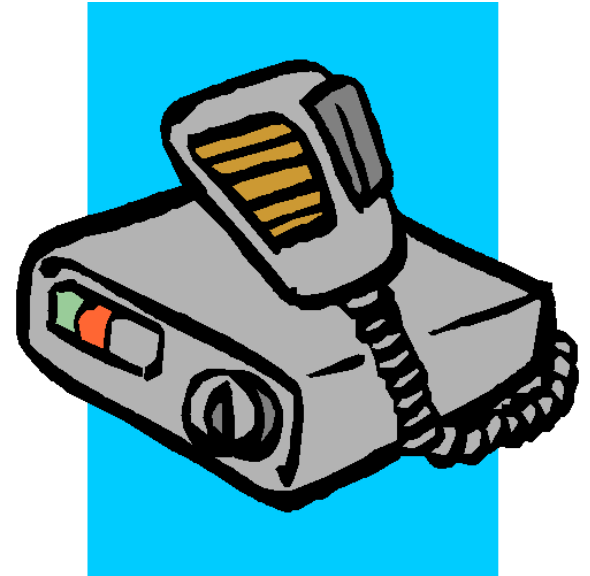
Project Rationale:

The project originated from and Energy Audit of City Hall that recommended retrofitting the windows would increase energy efficiency and at the same time save money spent on heating and cooling. As the Ontario Heritage Trust has restrictions on changes to City Hall due to their funding of the restoration of the Clock Tower, it was not possible to replace the windows with new but to restore the original windows.

2.2 – Victoria Building Window Retrofit

Project Budget			
	2018	**2019**	**2020 onward**
Funding:			
Operating Fund	0	$150,000	$0
Federal Gas Tax	100,000	0	0
Debentures	0	0	350,000
Total Funding	**$100,000**	**$150,000**	**$350,000**
Expenditures:			
Construction	$100,000	$150,000	$350,000
Total Expenditures	**$100,000**	**$150,000**	**$350,000**

NON-CATEGORIZED

10.1 – Computer Replacement Program

Project Description & Rationale

Project Description:

The intent of the computer replacement program is to provide for the replacement and upgrade of computer related hardware and software on a four year rotational basis.

Project Rationale:

The replacement program is based on a four (4) year lifecycle. There are two (2) categories of users: Primary & Secondary. Primary users are those staff who use their computer systems between eight (8) and twenty-four (24) hours per day. All other users are classified as secondary. Secondary users receive rebuilt equipment from end of cycle computers which are left over from primary users. MIS staff rebuilds the equipment and distributes it accordingly. This is performed on an as needed basis and helps to lower the total cost of ownership associated with Information Technology within the corporation.

10.1 – Computer Replacement Program

Project Budget			
	2018	**2019**	**2020 onward**
Funding:			
Operating Fund	$89,300	$90,000	$922,500
Water Fund	2,700	4,000	49,600
Wastewater Fund	0	5,000	40,000
Cost-sharing	0	0	0
Total Funding	**$92,000**	**$99,000**	**$1,012,100**
Expenditures:			
Equipment	$92,000	$99,000	$1,012,100
Total Expenditures	**$92,000**	**$99,000**	**$1,012,100**

10.2 – Corporate Computer Systems Capital

Project Budget			
	2018	**2019**	**2020 onward**
Funding:			
Operating Fund	$189,000	$150,750	$2,500,250
Total Funding	**$189,000**	**$150,750**	**$2,500,250**
Expenditures:			
Equipment & Software	$189,000	$150,750	$2,500,250
Total Expenditures	**$189,000**	**$150,750**	**$2,500,250**

10.2. – Corporate Computer Systems

Project Description/Rationale	Amount
Remove and Upgrade City's in building WiFi Remove and upgrade the City's in building WiFi systems. The in building WiFi system provides wireless connectivity to staff and guests in the majority of our City offices. The current system is approaching the seven year mark and is due to be replaced. Current technology standards such as A/C are not available on the current equipment. Further, prices for wireless equipment have come down significantly and due to this we would be able to deploy more access points and deliver broader coverage at higher rates of speed.	16,000
Document Management System – Phase 2 Purchase and deploy a corporate document management system. Project funding Phase 2. The purpose of this project is to purchase and deploy a document management system. The system is to provide a central repository for all City documents in digital form. The funding of this project would take a phased funding approach that would ask for $50,000 in 2017 and $50,000 in 2018. Phase 1 funding of $50,000 was approved during the 2017 budget process.	50,000

10.2. – Corporate Computer Systems

Project Description/Rationale	Amount
Trend Micro Antivirus Enhancement Ransomware is increasingly targeting servers. Attackers use known software vulnerabilities to inject ransomware which in turn compromises files and applications and is disruptive to City business. We already utilize the Trend Micro suite of products on our server and endpoint (PC's) machines. Deploying the Integrity Monitoring product will help us in detecting and stopping malicious programs should they gain access to our systems before they can do damage. Further, we would like to extend the Antivirus protection we currently have to our fleet of mobile devices to ensure they have the same protection as other equipment utilized to conduct City business.	28,000
Firewall Replacement - Police To replace a seven year old firewall appliance at the Brockville Police Service. The current firewall at Police headquarters and the corresponding unit at the Court house are well beyond their service lives. Since the installation of these units, there have been significant advances in terms of security and the availability of units that provide better services at a lower cost. It is imperative that the BPS keep up to date to ensure the protection of critical and confidential information.	25,000

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10.2. – Corporate Computer Systems

Project Description/Rationale	Amount
Vadim Financial System Upgrade Vadim has changed their process for major software updates. Previously they would plan a major upgrade every 2 to 4 years, but this can be expensive if municipalities have to pay it out all at once. What Vadim is doing now is spreading the major upgrade over a few years. This is how the program will work: the upgrades will be module by module. Once a module is released, a municipality has 18 months to use the old version before it is no longer supported. These upgrades are mandatory.	20,000
Security Appliance Intrusion Detection To purchase and deploy a network intrusion detection system to allow for more rapid identification and removal of malicious software within the corporate network. Intrusion Detection Systems automatically and accurately identify hidden infections in real time on live traffic. This tool will provide us with the means to identify, contain and nullify threats that exist on our network before they have a chance to spread. We currently employ standard practices of having firewalls and antivirus protection in place. The Intrusion Detection System is the third point in our triad of security services and will help us in ensuring confidentiality, Integrity, and availability of our data. It is our intent to deploy this product to provide countermeasures against Crypto Ransomware and other related threats. This product is one tool in the defense against the kind cyber threat that held the University of Calgary's data hostage.	30,000

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10.2. – Corporate Computer Systems

Project Description/Rationale	Amount
IT Managed Service Contract Through the RFP process, engage and retain managed services from a qualified IT service company to monitor the City's critical infrastructure 24/7/365. The IT infrastructure of the City of Brockville is constantly changing and becoming more complex as it evolves. The addition of systems such as GIS, the expansion of software related support services, and criticality of data retention and backups, have outpaced ITS staff's ability to adequately monitor and provide service for our critical systems. The approach until now has been one of break fix which has higher cost implications on a per incident basis. The managed service would monitor our critical systems 24/7/365 and alert us during standard or non-standard business hours to situations that arise so they can be addressed before they become problematic. Operations such as the Brockville Fire Department, Water, and Waste Water, all depend on systems being available at all times. Taking a more proactive contracted approach would allow is to more readily regulate the costs of outside contractors. The procurement of this service would allow is to discontinue the use of current monitoring software that we have in place thus, eliminating a support contract cost of over $4,000.00 annually.	20,000
Total	**$189,000**

10.4 – Minor Capital Projects

Project Budget			
	2018	**2019**	**2020 onward**
Funding:			
Operating Fund	$97,750	$100,000	$680,000
Water Fund	5,000	0	0
Wastewater Fund	5,000	0	0
Total Funding	**$107,750**	**$100,000**	**$680,000**
Expenditures:			
Contracted Services	$107,750	$100,000	$680,000
Total Expenditures	**$107,750**	**$100,000**	**$680,000**

10.4 - Minor Capital Projects

Department / Board	Description	Amount
General Government	• Council Chamber Desks	8,500
Library	• Wireless Router upgrade – staff network – Updated cost	2,500
MIS	• Downtown Core WiFi – pending grant approval	8,000
MIS	• Arts Management Cloud at the BAC	7,000
General Government	• Upgrade Itron Software water meter reading	10,000