

CORPORATION OF THE TOWN OF PERTH

DRAFT BUDGET

FOR THE YEAR ENDED DECEMBER 31, 2019



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## Corporation of the Town of Perth Overview of Proposed 2019 Budget

Further to the requirements of the Municipal Act Section 290, the Town of Perth is required to have a budget approved "including estimates of all sums required during the year for the purposes of the municipality".

As a result of the timeline for the budget preparation, there are no confirmed Government funding announcements for 2019 on which to base the Budget. The proposed Budget assumes Provincial Government operating grants in 2019 will remain the same as in 2018.

The proposed Budget meets the conditions for fiscal performance as established in the Budget Principles approved by Council at their September 2018 meeting as well as meeting bylaws previously approved by Council and legislation passed by the Provincial Government.

The Budget is divided into five parts:

- A carry-forward of budget previously approved for 2018 capital projects which were not able to be completed. Supporting funding is similarly carried forward.
- The contribution resulting from normal operations;
- The budget proposed for non-recurring operations;
- The budget required for proposed capital expenditures and supporting funding;
- Proposed transactions in the Reserve Accounts.

The proposed budgets are supported by projections of financial position and cash flows.

If the proposed Budget ran for the full year, the Operating Income from normal operations would be \$2,245,482 including a \$1,200,000 allocation to the Contingency Reserve. The cost of non-recurring operations is \$425,300. The net cost of capital expenditures would be \$1,820,182. Amortization of Capital Assets is projected to be \$1,677,000.

Municipal Equity would be \$73 million at the end of the 2019 fiscal year assuming capital expenditures as listed. Reserves are projected to be \$9.7 million.

The 2019 fiscal year represents a pivotal moment in the operations of the Corporation. The Strategic Plan and the Asset Management Plan are due for renewal. The Recreation Strategic Plan and the Transportation Master Plan have yet to be finalized. The initial phases of the Service Level Review have not yet commenced. As a result the proposed budget for 2019 focuses on foundational activities such as maintenance of existing assets and a focus on Occupational Health and Safety and deferred maintenance.

## **SUMMARIZED RECOMMENDATIONS**

### **Recommendation #1**

**Council approve a 2019 Levy of \$7,453,000 (increase of 2.5%).**

### **Recommendation #2**

**Council approve the Carry-forward to 2019 of the Unspent 2018 Capital Budgets as presented with associated funding.**

### **Recommendation #3**

**Council approve the 2019 Operating Budget as presented.**

### **Recommendation #4**

**Council approve the 2019 One-Time Operating Expenditure Budget as presented.**

### **Recommendation #5**

**Council approve the 2019 Capital Expenditure Budget as presented with associated funding.**

### **Recommendation #6**

**Council approve 2019 Reserve transactions as presented.**

### **Recommendation #7**

**Council approve 2019 BIA levy of \$111,200 (increase of 10%).**

## **ASSUMPTIONS**

A number of assumptions must be made in the preparation of the Budget. Excluding the impacts of normal inflation, the most significant assumptions for 2019 Budget are as follows:

### **Property Assessments**

Property assessments are projected to increase by 3.5% over 2018.

### **Revenues**

Significant changes to revenue budgets are as follows:

- Projected Regular Tax Levy is \$7.453 million representing an increase of 2.5%;
- Grant Revenue from the Provincial Government is projected to be \$1.973 million including \$1.624 million from the Ontario Municipal Partnership Fund (OMPF);
- Projected Water and Sewer revenue takes into account the 2.5% increase approved by Council;
- Projected other revenues include parking, waste disposal and recreation facility fees at rates approved by Council;
- Amortization of Capital Contributions is based on historic data;
- Investment Income is based on current short-term interest rates taking into account projected bank balances. Total projection is \$150K.

### **Expenditures**

Significant changes to expenditure budgets are as follows:

- Salaries reflect a provision of an average of 1.7% increase for all employee groups (based on Collective Agreement);
- Employee Benefits reflect the changes in the salary accounts and a provision for inflation and Employee Benefit Plan impacts;
- The proposed budget for expenditures on Other Expenses includes anticipated insurance, training and professional development and water treatment supplies.
- Equipment and building amortization are based on historical data;
- Interest expense on Long-Term Debt reflects the impact of outstanding and projected debt.

### **Statement of Financial Position**

Projected figures are based on the most current projection for 2018 and the proposed operating and capital budgets for 2019.

## Reserves

The projected reserves include a \$1.2 million increase in the Contingency Reserve which is consistent with Council's motion 2014-120 to allocated any police services savings to reserves.

## Risk

There are areas of risk in the Proposed Budget which include the following:

<i>Risk</i>	<i>Probability/Impact</i>
Material change in total property assessment	Low/Medium
Material change in total population	Low/Low
Material change in Industrial activity	Medium/Medium
Material change in Provincial Operating Grants	Medium/Medium
Capital cost for catastrophic property loss	Low/High
Material change in priorities due to election	Medium/Medium
Material change in cost of labour	Low/Medium
Change in value of cost sharing arrangements	Medium/Medium
Risk introduced by new budget format /staff	Low/Medium
Breakage of existing capital assets	Low/Medium
Risk of Significant Sick Leave	Low/Medium

## Risk Mitigation

The proposed operating budget includes a \$395K Contingency Account. This account includes a provision for Provincial Operating grants currently under review, potential changes in cost sharing agreements and a provision for significant sick leave for which no other provisions exist in the budget. .

The proposed capital budget includes a \$200K contingency for unanticipated repairs or breakages.

Average salary increases of 1.7% are consistent with recent Collective Bargaining Settlements. No new staff hours have been introduced in the proposed budget.

Note if contingency accounts are not fully utilized, the remainder will be added to the contingency reserve.

## Strategic Alignment of Proposed 2019 Budget

A renewal of the existing Strategic Plan is currently in process. In absence of the renewal being completed, the directions of the existing Strategic Plan have been used as guidance for proposed expenditures.

### **Asset Management Plan**

The Asset Management Plan is due for renewal in 2019. In absence of the renewal, the following estimated costs are noted for information:

Construction of Landfill Expansion in 2020 (required)	\$2.6 million
Roads / Sewers with low overall current rating	\$5.0 million
Recommended Bridge and Culvert Program	\$1.7 million
Replacement of Crystal Palace with new structure	\$1.6 million

Note that this is not meant to be an exhaustive list of existing deferred maintenance but an example of some of the larger, more immediate pressures that exist. Detailed quotes for each product are included in the Appendices.

**Corporation of the Town of Perth  
2018 Capital Projects  
Carried forward to 2019**

	Amount	Grant Funding		Reserve Funding	
Terrace on the Tay	158,249	12,939	Dev Chgs	145,310	Contingency Reserve
Town Hall Ongoing maintenance - exterior painting	10,000	-		10,000	Contingency Reserve
Replace Stone Steps - Museum	15,000	-		15,000	Museum Res and Cont Reserve
Replace stone work around Big Ben	15,000	-		15,000	Big Ben & Contingency Reserves
Main Street Revitalization Capital	25,000	25,000	AMO	-	
Sump Pump Disconnect	2,317,250	1,544,833	SCF (P/F)	772,417	Water Reserve
Landfill - Pre-Engineering, MOECC Application	124,740	-		124,740	Contingency Reserve
Sewer Refining	185,000	-		185,000	Water Reserve
Stormwater improvements	58,168	38,779	SCF (P/F)	19,389	Contingency Reserve
SCADA Automation	20,232	20,232	Gas Tax	-	
Low Lift Automation	80,000	-		80,000	Water Reserve
Valve Replacement	78,954	-		78,954	Water Reserve
Mill St Paving	56,240	56,240	Gas Tax	-	
Bulk Water Fill Station	5,000	-		5,000	Water Reserve
Street Lights - Warren Cres	20,000	20,000	Dev Chgs	-	
<b>TOTAL</b>	<b><u>\$ 3,168,833</u></b>	<b><u>\$ 1,718,023</u></b>		<b><u>\$ 1,450,810</u></b>	



**Corporation of the Town of Perth  
Summary of 2019 Proposed Operating Budget**

Dept No	Description	Amount
0	Property Taxes	7,495,000
0	Undistributed	(16,836)
1	Governance	(416,729)
2	Corporate Management - Admin	(179,582)
5	Corporate Management - Finance	(533,305)
6	Corporate Management - Emergency Plan	(1,800)
17	Program Support - Property Mgmt	(349,100)
30	Proceeds of Crime/Mental Health Grant	-
31	Fire	(455,485)
32	Police	(1,731,300)
33	Animal	(15,870)
34	Building Inspection	20,770
37	Provincial Offences	74,922
41	Roadways	(537,508)
42	Winter Control	(179,000)
44	Parking	89,900
45	Street Lighting	(86,200)
51	Sanitary Sewers	909,975
52	Storm	(34,000)
53	Waterworks	658,734
54	Waste Collection	(142,000)
55	Waste Disposal	(139,219)
56	Recycling	(13,200)
57	Composting	(5,000)
58	Waste Diversion	(50,000)
59	Environmental Services Administration	(244,022)
60	Fleet	(291,313)
61	Parks - Last Duel	(2,633)
62	Parks - Stewart	(83,623)
69	Parks - All Other	(62,304)
71	BIA Beautification	(49,516)
72	Grants to Others	(408,010)
73	Recreation - Community Centre	19,786
74	Recreation - Conlon Farm	(55,705)
75	Recreation - Indoor Pool	110,833
76	Recreation - Crystal Palance	(12,588)
77	Triathlon	-
81	Heritage Management	(8,700)
84	Museum	(155,150)
87	Economic Development and Tourism	(162,673)
89	Recreation - Administration	(301,949)
90	Property Management	(210,052)
91	Planning and Zoning	(200,067)
92	BIA	-
<b>Total</b>		<b>2,245,482</b>

Figures presented do not include allocation of administrative expenses to operating departments.

**Corporation of the Town of Perth  
2019 One-time Operating Projects**

Operating	Amount	Rationale
Digitizing Planning Documents	1,500	Integration with GIS
10 street light poles with LED light fixture	55,000	Establish Inventory
Recreation Master Plan	30,000	Strategic Plan Sector #1, SI #5
Replace Rubber Matting Arena	5,000	End of Life Cycle
Repair Olympia Room Corner Arena	5,000	OHS
Replace Eavestroughs Arena	7,500	End of Life Cycle
Replace Overhead Door Arena	7,500	End of Life Cycle
Community Diamond Infield re-build	7,500	End of Life Cycle
Soccer Field Benches Conlon	2,000	End of Life Cycle
Basketball and Tennis nets	2,000	End of Life Cycle
Re-shingle Shed Roof Pool	1,000	End of Life Cycle
Partner with Algonquin for Heritage Cons District Property Packages	10,000	Tourism Strategic Plan, SI#1 Heritage Product Development
Stone back oven supplies, staff costumes	1,200	Tourism Strategic Plan, SI#1 Heritage Product Development
Canopy for Terrace on the Tay	8,000	Strategic Plan Sector #2, SI #2
Rocky Ramp Study	9,500	Council Request
1881 - FOBs for 2 doors and 40 FOBs + 1 keypad	5,600	OHS
LDP Dock weed cutting for big boat docking	5,000	Strategic Plan Sector #2, SI #2
Repair/replace exterior wall concrete siding	12,000	End of Life Cycle
Replace lane lines on bottom of pool	7,500	End of Life Cycle
Replace skylight window in atrium - Town Hall	8,000	End of Life Cycle
Design Concepts Including engineering consultation - Crystal Palace	30,000	End of Life Cycle
Lifeguard chairs - Pool	6,000	OHS
Easy Ladder - Pool	3,000	OHS
Lighting for Town Hall Tower	5,000	Strategic Plan Sector #2, SI #2
Trimming trees/stump removal for hydro lines	40,000	Public Safety
Replace Tourism Door to Museum	4,000	Accessibility
1881 - Exterior lights for Firefighter safety	4,500	OHS
Planning Approvals Study	2,000	Boundry Settlement
Election Software Contract	10,000	Contract Renewal
Peer Review of Water Flow for Fire	20,000	Safety
Foster St Design Study - water main, sanitary, storm sewer, paving	30,000	End of Life Cycle - Eng Report
Little Tay Bridge - replace wall and mortar - includes design	25,000	End of Life Cycle - Eng Report
Peter St Bridge - replace seals - includes design	25,000	End of Life Cycle - Eng Report
Cavers Bridge - underpin south footing - Includes design	30,000	End of Life Cycle - Eng Report
<b>TOTAL</b>	<b>\$ 425,300</b>	

Corporation of the Town of Perth  
2019 Capital Projects

Recommended	Amount	Rationale	External Funding	Description of Funding Source
Breathing Apparatus - Fire	180,000	OHS Standards		Fire Equip Reserve / Contingency
Replacement of Fire Truck 770 Pickup Truck	30,000	End of Life Cycle		Contingency Reserve
Perth Lagoon - electrical & SCADA	15,000			Water Reserve
Residential Water Meter Replacement - startup	86,496	Business Case		Water Reserve
Pump Station VFD's & Electrical	30,528	Business Case		Water Reserve
Ladder to Water Tower	12,000	OHS Standards		Water Reserve
Water Treatment Plant	1,666,000	Bylaw	1,473,967	OCIF (not confirmed) /Water Reserve
Replace Sidewalk Plow	150,000	End of Life Cycle		Contingency Reserve
Outdoor Water Testing Equipment	34,000	ECA Regulation		Water Reserve
Sidewalk - Herriot from Gore to Wilson	49,600	Accessibility	49,600	Gas Tax Grant 2019
Sidewalk - Lustre St.	15,985	Accessibility	15,985	Gas Tax Grant 2019
Sidewalk - Wilson from Halton to South	80,920	Accessibility	80,920	Gas Tax Grant 2019
Sidewalk - Sinclair St.	62,605	Accessibility	31,495	Gas Tax Grant 2019 / Contingency Reserve
Sidewalk - Garden Ave.	152,515	Accessibility		Contingency Reserve
AODA Compliant Website	20,000	Legislation		Contingency Reserve
Phone system Upgrade	22,000	End of Life Cycle		Contingency Reserve
ICON Upgrade POA	20,000	End of Life Cycle		Contingency Reserve
Other IT Upgrades	50,000	End of Life Cycle		Contingency Reserve
Terrace on the Tay Fence	20,000	Council Bylaw		Contingency Reserve
Old Fire Hall Drying Tower roof, windows, re-pointing	150,000	End of Life Cycle		Contingency Reserve
Replace surface of Tennis Courts 1 and 2 - Conlon	150,000	OHS		Contingency Reserve
Replace water fountains in basin	30,000	End of Life Cycle		Contingency Reserve
First stage of extending Tay River pathway from County Buildings - plan	30,000	Strategic Plan Sector #2, SI #2		Contingency Reserve
Town Hall repointing, interior painting.	25,000	End of Life Cycle		Contingency Reserve
Portable Drinking Station for Events	15,500	Tourism Strategic Plan, SI#3		Contingency Reserve
Landscaping, permanent benches, bike racks - Gore/Herriott corner	15,000	Strategic Plan Sector #1, SI #2		Contingency Reserve
Replace surface of one Basketball Court - Conlon	10,000	OHS		Contingency Reserve
Replace showers in 2 or 3 dressing rooms - Arena	10,000	End of Life Cycle		Contingency Reserve
Cedar shake roof on Stone bake oven - Museum	5,000	End of Life Cycle		Contingency Reserve
MPR Sink Installation - Pool	4,000	Strategic Plan Sector #6, SI #4		Contingency Reserve
Pump Track	100,000	Strategic Plan Sector #6, SI #4	50,000	Community Support (not confirmed) Contingency Reserve
<b>Sub-total</b>	<u>3,242,149</u>		<u>1,701,967</u>	
UFCO Landfill - Amortization	100,000			Contingency Reserve
Contingency	180,000			Contingency Reserve
<b>TOTAL</b>	<u>\$ 3,522,149</u>		<u>\$ 1,701,967</u>	
		Net	<u>\$ 1,820,182</u>	Funded from Reserves
<b>Projects proposed but not recommended</b>				
Wilson Street Parking Lot	200,000			
Crystal Palace - New Water Service	152,640			
Crystal Palace - Winterize Washrooms	20,000			
Crystal Palace - Replace all ceiling panels with permanent roof	250,000			
<b>Total</b>	<u>\$ 622,640</u>			

Corporation of the Town of Perth  
 Projected Reserve Balances  
 as at December 31, 2019

Name	Projected 31-Dec-18	2018 Carry Forward	2019 Capital	Transfers	Operations	Interest	Projected 31-Dec-19
Working Funds	629,397						629,397
Contingency	3,139,920	(311,226)	(1,442,125)	(13,000)	1,611,473		2,985,043
Emergency Planning	20,000						20,000
Fire Dept - Small Equipment	8,000		(8,000)				-
Water / Sewer	5,333,757	(1,121,371)	(370,057)		1,408,709	112,720	5,563,758
Property Development	168,399						168,399
Arthur St - Green Space	14,052						14,052
Big Ben	7,479	(7,479)					-
Forester	1,310						1,310
Mill St Playground	58,737			13,000			71,737
Elections	10,000						10,000
Governance / Local auth serv	11,468						11,468
Splash Pad	13,073						13,073
BIA Operations	19,486						19,486
BIA Stewart Park Festival	29,253						29,253
BIA Beautification	7,784		(2,600)				26,653
Museum	10,735	(10,735)					7,784
Library (Based on 2017 year-end)	118,745						118,745
<b>Total</b>	<b>\$ 9,801,595</b>	<b>\$ (1,450,810)</b>	<b>\$ (1,822,782)</b>	<b>\$ -</b>	<b>\$ 3,020,182</b>	<b>\$ 112,720</b>	<b>\$ 9,660,905</b>

**CORPORATION OF THE TOWN OF PERTH  
STATEMENT OF FINANCIAL POSITION**

	Projected December 2020	Projected December 2019	Projected December 2018	Actual December 2017
<b>ASSETS</b>				
<b>Financial Assets</b>				
Cash and short term deposits	\$ 13,597,271	\$ 12,863,703	\$ 8,510,040	\$ 10,032,165
Taxes receivable (net of allowance \$20,000)	486,376	476,839	468,869	461,031
User charges receivable (net of allowance \$10,000)	395,704	387,945	380,339	372,881
Other Accounts receivable (net of allowance \$30,000)	1,246,204	1,221,768	1,197,812	2,446,245
Inventory for resale	510,674	500,661	490,844	504,132
	<u>16,236,229</u>	<u>15,450,917</u>	<u>11,047,903</u>	<u>13,816,454</u>
<b>LIABILITIES</b>				
<b>Financial Liabilities</b>				
Accounts payable and accrued liabilities	3,374,050	3,307,892	3,243,032	3,179,443
Prepaid property taxes	449,208	440,400	431,765	423,299
Accrued landfill closure and post closure liability	1,330,000	1,330,000	1,330,000	1,330,000
Other current liabilities	836,050	819,657	803,586	787,829
Employee future benefit obligations	140,000	150,000	160,000	166,717
Deferred revenues	814,432	800,818	787,431	965,014
Long term liabilities	3,785,870	4,176,870	167,500	372,440
	<u>10,729,611</u>	<u>11,025,638</u>	<u>6,923,314</u>	<u>7,224,741</u>
<b>NET FINANCIAL ASSETS</b>	<u>5,506,619</u>	<u>4,425,279</u>	<u>4,124,589</u>	<u>6,591,713</u>
<b>NON-FINANCIAL ASSETS</b>				
Tangible capital assets	69,813,900	68,890,900	63,976,918	57,377,705
Prepaid expenses	148,636	148,636	148,636	148,636
	<u>69,962,536</u>	<u>69,039,536</u>	<u>64,125,554</u>	<u>57,526,341</u>
<b>MUNICIPAL EQUITY</b>	<u>\$ 75,469,154</u>	<u>\$ 73,464,815</u>	<u>\$ 68,250,144</u>	<u>\$ 64,118,054</u>

**CORPORATION OF THE TOWN OF PERTH  
STATEMENT OF CASH FLOWS**

	Projected December 2020	Projected December 2019	Projected December 2018
<b>OPERATING ACTIVITIES</b>			
Results of Operations	\$ 413,339	\$ 3,563,172	\$ 3,927,150
Amortization of Capital Assets	1,677,000	1,677,000	1,677,000
Principal portion of Long Term Debt Payments	391,000	451,500	204,940
Transfer to Reserves in Income	1,200,000	1,200,000	-
Write-down of tangible capital assets	-	-	-
	<u>3,681,339</u>	<u>6,891,672</u>	<u>5,809,090</u>
Net Change in Non-Cash Working Capital Balances			
Taxes receivable	(9,537)	(7,971)	(7,838)
User charges receivable	(7,759)	(7,607)	(7,458)
Accounts receivable	(24,435)	(23,956)	1,248,433
Inventory for resale	(10,013)	(9,817)	13,288
Accounts payable and accrued liabilities	66,158	64,861	63,589
Prepaid property taxes	8,808	8,635	8,466
Accrued landfill closure and post closure	-	-	-
Other current liabilities	16,393	16,072	15,757
Employee future benefit obligation	(10,000)	(10,000)	(6,717)
Deferred revenues	13,614	13,386	(177,583)
Prepaid expenses	-	-	-
	<u>43,229</u>	<u>43,603</u>	<u>1,149,938</u>
Working Capital from Operations	<u>3,724,568</u>	<u>6,935,275</u>	<u>6,959,028</u>
<b>CAPITAL ACTIVITIES</b>			
Acquisition of tangible capital assets	(2,600,000)	(6,590,982)	(8,276,213)
Disposal of capital assets	-	-	-
Net investment in tangible capital assets	<u>(2,600,000)</u>	<u>(6,590,982)</u>	<u>(8,276,213)</u>
<b>FINANCING ACTIVITIES</b>			
Increase in Debt	-	4,460,870	-
Debt principal repayments	(391,000)	(451,500)	(204,940)
	<u>(391,000)</u>	<u>4,009,370</u>	<u>(204,940)</u>
NET INCREASE (DECREASE) IN CASH	733,568	4,353,664	(1,522,125)
CASH, BEGINNING OF YEAR	12,863,703	8,510,040	10,032,165
CASH, END OF YEAR	<u>\$ 13,597,271</u>	<u>\$ 12,863,703</u>	<u>\$ 8,510,040</u>

**CORPORATION OF THE TOWN OF PERTH  
STATEMENT OF OPERATIONS  
for 12 months ended**

	<b>Projected December 2020</b>		<b>Proposed Budget December 2019</b>
<b>REVENUES</b>			
Tax Levy	\$ 7,639,325	2.5%	\$ 7,453,000
Operating Grant Revenue	1,973,180	0.0%	1,973,180
Cost Sharing	390,500	0.0%	390,500
Water and Sewer Revenue	3,187,750	2.5%	3,110,000
POA Revenue (net)	438,500	0.0%	438,500
Other Revenues	1,859,915	2.5%	1,814,551
	<b>15,489,170</b>		<b>15,179,731</b>
<b>TOTAL REVENUES</b>			
<b>EXPENDITURES</b>			
Salaries and Benefits	4,780,736	2.5%	4,664,133
Utilities	437,286	2.5%	426,620
Police Contract	1,902,400	2.5%	1,856,000
Other Professional Fees / Contracted Services	1,940,581	2.5%	1,893,250
Transfer to Reserve	1,200,000	0.0%	1,200,000
Contingency	385,336	0.0%	385,336
Debt Charges (Principal & Interest)	527,087	Actual	569,100
Grants to Others (includes library)	408,010	0.0%	408,010
Other costs	1,570,095	2.5%	1,531,800
	<b>13,151,531</b>		<b>12,934,249</b>
<b>TOTAL EXPENDITURES</b>			
<b>NET REVENUE FROM OPERATIONS</b>			
	<b>2,337,639</b>		<b>2,245,482</b>
<b>OTHER</b>			
Grants and transfers related to capital	178,000	Actual	3,419,990
Amortization of Capital Assets	(1,677,000)	0.0%	(1,677,000)
One Time Operating Projects	(425,300)	0.0%	(425,300)
	<b>413,339</b>		<b>3,563,172</b>
<b>ANNUAL SURPLUS</b>			
<b>Add Back:</b>			
Transfer to Reserve	1,200,000		1,200,000
Principal Portion of Debt Charges	391,000		451,500
<b>MUNICIPAL EQUITY, BEGINNING OF YEAR</b>			
	<b>73,464,815</b>		<b>68,250,143</b>
<b>MUNICIPAL EQUITY, END OF YEAR</b>			
	<b>\$ 75,469,154</b>		<b>\$ 73,464,815</b>

Amortization of Capital Assets is based on 2017 Actual

**Corporation of the Town of Perth  
Summary of Grant Revenue Included in 2019 Proposed Budget**

<b>Operating Grants</b>	<b>Amount</b>
OMPF Grant	1,623,800
LST Proceeds of Crime Grant	79,080
Situation Table	60,000
RIDE Program Grant Revenue	8,800
MCSCS Court Security / Prisoner Transport	115,000
Blue Box Grant	54,000
Ontario Museum Grant	19,000
Museum Other Grants	12,000
Comm & Indust Misc Grant	1,500
	<hr/>
<b>TOTAL</b>	<b>\$ 1,973,180</b>
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<b>Capital Grants</b>	
Federal Gas Tax Grants	178,000
OCIF	1,473,967
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<b>TOTAL</b>	<b>\$ 1,651,967</b>
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**Town of Perth Landfill Expansion**  
*Cost Estimate*

**Table 1: Contracting Costs**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
<b>SITE SETUP</b>					
A1	Mobilization				\$100,000
A2	Bonding/Insurance	1	LS	\$20,000	\$20,000
A3	New steel casings for existing wells	2	LS	\$500	\$1,000
A4	New monitoring wells	7	units	\$2,000	\$14,000
A5	Site Layout	1	LS	\$5,000	\$5,000
A6	Installation of Temporary Exclusion Fence	300	LM	\$25	\$7,500
A7	Grade Existing Wetland Setback	1,500	SM	\$10	\$15,000
A8	Establish swales and Enhanced Swale	2,188	SM	\$20	\$43,750
A9	Vegetate Wetland Setback Area	6,000	SM	\$10	\$60,000
A10	Supply and Install CSP Culverts	20	LM	\$170	\$3,400
A11	Installation of Permanent Exclusion Fence	300	LM	\$25	\$7,500
<b>SUBTOTAL SITE SETUP</b>					<b>\$277,150</b>
<b>REMEDIATION SYSTEM</b>					
B1	Excavate trench	1,200	m3	\$20.00	\$24,000
B2	Install Impermeable Membrane	600	m2	\$30.00	\$18,000
B3	Backfill lower portion of trench	300	m3	\$10.00	\$3,000
B4	Install French Drain	200	lm	\$50.00	\$10,000
B5	Install Granular material	600	m2	\$50.00	\$30,000
B6	Backfill upper portion of trench	300	m3	\$5.00	\$1,500
B6	Hydroseed	600	m2	\$2.00	\$1,200
<b>SUBTOTAL REMEDIATION SYSTEM</b>					<b>\$87,700</b>
<b>CELL EXCAVATION</b>					
C1	Grading and Earthworks to Achieve Required Grades.	22,257	m3	\$10.00	\$222,570
C3	Strip topsoil from landfill	400	m3	\$12.00	\$4,800
C5	Place clay liner over prepared base	18,474	m3	\$20.00	\$369,480
C7	Removal of Cover from landfill	1,200	m2	\$25.00	\$30,000
<b>SUBTOTAL CELL EXCAVATION</b>					<b>\$626,850</b>
<b>INSTALLATION OF LEACHATE CONVEYANCE SYSTEM</b>					
D1	Supply and Install Drainage Stone	6,600	LM	\$50.00	\$330,000
D2	Supply and Install Perforated Leachate Piping	200	LM	\$100.00	\$20,000
<b>SUBTOTAL INSTALLATION OF LEACHATE CONVEYANCE SYSTEM</b>					<b>\$350,000</b>

**Town of Perth Landfill Expansion**  
*Cost Estimate*

<b>SUPPLY AND INSTALL LEACHATE SYSTEM</b>						
E1	Leachate Collection Well Pumps	2	LS	\$3,100		\$6,200
E2	Wells to Collection Tank (Materials and	650	m	\$200		\$130,000
E3	Electrical Conduit for Pumps	650	m	\$30		\$19,500
E4	Heat Traced Insulation and Controllers f	1	EA	\$102,900		\$102,900
E5	FRP Pump Station	1	LS	\$112,000		\$112,000
E6	2" (50.8 mm) Forcemain from Collection	800	m	\$200		\$160,000
E7	Earth Berm on Forcemain from Collectio	4,170	m3	\$10		\$41,700
E8	1" (25.4 mm) Forcemain from Leachate	505	m	\$200		\$101,000
E9	Earth Berm on Forcemain from Leachat	2,735	m3	\$10		\$27,350
E10	New Purge Well Pumps	3	LS	\$3,100		\$9,300
E11	Electrical Conduit for Pumps	505	m	\$30		\$15,150
<b>SUBTOTAL SUPPLY AND INSTALL LEACHATE SYSTEM</b>						<b>\$725,100</b>
<b>COMPLETION ITEMS</b>						
F1	Supply and Place Hydroseed	9,000	m2	\$2.00		\$18,000
F2	As-Built Survey	1	LS	\$5,000.00		\$5,000
<b>SUBTOTAL COMPLETION ITEMS</b>						<b>\$23,000</b>
<b>CONTINGENCIES</b>						
I1	Contingency for removal of Poned Leachate	1.00	LS	\$10,000.00		\$10,000
I2	Miscellaneous Construction Costs and Contingency					\$525,000
<b>SUBTOTAL CONTINGENCIES</b>						<b>\$535,000</b>
<b>TOTAL CONTRACTOR COSTS</b>						<b>\$2,624,800</b>

Town of Perth Multi-Year Street Reconstruction Planning Evaluation

Block Identified	Summary of Issue	Overall Rating by Component (1-Poor, 6-Excellent)				Unit Costs (/m)	Estimated Distance (m)				Estimated Reconstruction Cost				
		Water	Sanitary Sewer	Street Surface	Storm Water		Water	Sanitary Sewer	Road Surface	Storm Water					
Foster Street (Beckwith to Sherbrooke)	Road Failure, Sewer Maintenance	4	2	1	n/a	7	\$ 1,057.14	\$ 942.54	\$ 1,136.99	\$ 788.40	149	91.7	150	75	\$ 473,623.28
Church Street (Wilson to Arthur)	Road Failure, Sewer Infiltration	3	3	2	n/a	8	\$ 1,057.14	\$ 942.54	\$ 1,136.99	\$ 788.40	149	151	140	100	\$ 537,856.00
Thorn Street (John to Peter)	Road failure, Water volume, Storm sewer infiltration	3	3	2	n/a	8	\$ 1,374.28	\$ 1,413.81	\$ 1,591.79	\$ 788.40	103	203	160	53.4	\$ 725,340.80
Mary Street (Wilson to Drummond)	Combined Sanitary Sewer, Aged Water Piping.	3	2	5	n/a	10	\$ 1,057.14	\$ 942.54	\$ 1,136.99	\$ 946.08	312	271.5	310	310	\$ 1,231,478.99
Rogers Road (Peter to Bridge)	Road Surface Failures, High Industrial Traffic	5	3	2	n/a	10	\$ 528.57	\$ 848.29	\$ 1,136.99	\$ 788.40	207	216.5	200	144	\$ 633,995.51
Cockburn Street (Arthur to Rogers)	Road Failure, Main Sewer Conveyance, Water Maintenance.	4	4	2	n/a	10	\$ 1,321.43	\$ 1,885.08	\$ 1,136.99	\$ 788.40	272	269.5	270	270	\$ 1,387,311.96

TOTAL \$ 4,989,607

Table 2 - Recommended 10 Year Capital Bridge and Culvert Program

Capital Budget Year	Structure No. - Location	Recommended Works	Estimated Costs (\$2017)
2018	B04 – Drummond/Colbourne Street Bridge	Repair soffit concrete. Patch, waterproof, and pave deck top. Underpin footing at north. Replace railing system.	\$ 263,500
		<b>2018 Total Recommended Works:</b>	<b>\$ 263,500</b>
2019	B03 – Little Tay Bridge	Repair barrel wall and mortar at various locations.	\$ 20,000
	B08 – Peter Street Bridge	Replace seals.	\$ 20,000
	B11 – Cavers Bridge	Underpin south footing.	\$ 25,000
		<b>2019 Total Recommended Works:</b>	<b>\$ 65,000</b>
2020	B05 – Drummond Street Bridge	Patch, waterproof and pave deck top. Replace railing system. Repave approaches. Replace joints. Repair girder ends.	\$ 569,500
		<b>2020 Total Recommended Works:</b>	<b>\$ 569,500</b>
2021	No recommended works	<b>2021 Total Recommended Works:</b>	<b>\$ 0</b>
2022	B07 – Rogers Road Bridge	Install and repave approaches. Repair girder ends. Patch, waterproof, and pave deck top. Convert to semi-integral abutments. Replace bearings.	\$ 790,000
		<b>2022 Total Recommended Works:</b>	<b>\$ 790,000</b>
2023	R1 – Retaining Wall	Repair curbs. Resurface wearing surface. Replace railing system.	\$ 97,000
		<b>2023 Total Recommended Works:</b>	<b>\$ 97,000</b>
2024	B12 – Rainbow Bridge	Replace structure, abutments, and approaches.	\$ 253,500
		<b>2024 Total Recommended Works:</b>	<b>\$ 253,500</b>

## 6.0 Load Posting Summary and Recommendations

There are currently zero (0) roadway structures that have load postings, and based on the inspections performed no load postings are required to be instated to any of the existing roadway structures.

- .3 Replace the glass wall envelope with new insulating glass (multiple pane, argon filled, low E glass), with interior shading window treatments;
- .4 Provide a heating, ventilating and air conditioning system;
- .5 Provide new general, exit and emergency lighting;

**Budget Estimate - \$885,000**

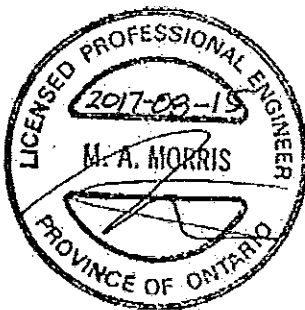
- .2 Construct a separate building of approximately 1,500 sq.ft. with washrooms, basic kitchen facilities, small office, maintenance and mechanical/electrical service space, with a link to the Crystal Palace.

**Budget Estimate - \$400,000**

**3.4 Option 3 – Replace Glass Structure:**

- .1 Replace the Crystal Palace with a new timber frame and glass structure for year round use, with service and health amenity space contained within the main building.
- .2 Advantages and Disadvantages:
  - .1 This option would have design, layout and conservation and environmental integrity, as required by the current Ontario Building Code.
  - .2 This option would have optimum conservation and environmental integrity, with the most economical utility operating costs.
- .3 Recommendations:
  - .1 Construct a new building of approximately 6,000 sq.ft. with a main hall, washrooms, basic kitchen facilities, small office, maintenance and mechanical/electrical service space.

**Budget Estimate - \$1,600,000**



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