

Municipality of South Huron 2021 Draft Operating & Capital Budgets

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Budget Impacts and Priorities - Levy Funded Services

Total Expenditure Requirements (Operating & Capital)for 2021 \$ 16,050,814

Total Levy Requirements (Operating & Capital) for 2021 \$ 9,660,551

(budget estimates as presented)

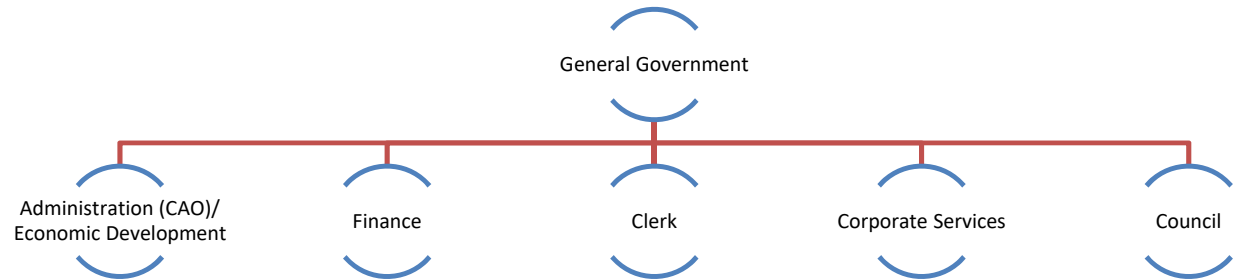
One percent equals approximately \$ 96,645

	Total Cost Estimate	2021 Levy Impact	% Impact on Levy
Annualized Baseline Budget Impacts over 2020 Budget			
Opening adjustment to remove previous year one time initiatives		(176,945)	
Operating			
OPP Increase over previous year	40,004	40,004	0.41%
OMPF Decrease (2020=\$1,391,700; 2021=\$1,344,700)	47,000	47,000	0.49%
Conservation Authorities	(2,234)	(2,234)	-0.02%
Wages & Benefits-(ie FTE, grid steps, position changes) including COLA at 0.5%	55,731	39,854	0.41%
Insurance - projected at 15%	35,747	29,775	0.31%
Emergency Vehicles	20,000	20,000	0.21%
Emergency Services Training	9,435	9,435	0.10%
Emergency Services - Fire Station repairs	16,000	16,000	0.17%
Emergency Services - reduction in supplies	(17,160)	(17,160)	-0.18%
Planning Services - reduction in supplies	(10,000)	(10,000)	-0.10%
Transportation Services-reduction Traffic Operations Repairs	(10,000)	(10,000)	-0.10%
Transportation Services - Contracted services for Whalen Line		35,000	0.36%
Recreation - reduction in supplies	(6,500)	(6,500)	-0.07%
		2	0.00%
			0.00%
Total Baseline Impacts	178,023	14,227	0.15%
2021 One Time Initiatives			
Community Safety & Well Being Plan	5,000	5,000	0.05%
Service Delivery Review (utilize Modernization Fund grant)	30,000	-	0.00%
Defer carpet replacement in verity room	(10,000)	(10,000)	-0.10%
Job Evaluation Review	50,000	50,000	0.52%
IT Service Delivery Review (utilize Modernization Fund)	(50,000)	(50,000)	-0.52%
Cemetery master plan (GIS mapping)-modernization fund	10,000	-	0.00%
Total 2021 One Time Initiatives	35,000	- 5,000	-0.05%
Additional Initiatives for Council Consideration			
Fire Master Plan	75,000		0.00%
Centralia Community Centre- demolition estimate	112,000		0.00%
	187,000	-	0.00%
Levy Impact - Operational		9,227	0.10%
Baseline Capital (2020 Levy=\$1,199,374; 2021=\$1,186,221)		- 13,153	-0.14%
Total Levy Impact (Operating & Capital)		- 3,926	-0.04%

General Government

General government services include administrative duties, budgeting, financial reporting, asset management, legislative services, economic development, etc. This department supports the service delivery in the remainder of the organization.

General Government is primarily funded by the tax levy with some revenue coming from user fees, investment revenues and grants.



Department	Division	Object Type	Object Category	2020 Actual as of Oct 30/20	2020 Budget	2021 Budget	\$ Change Over Previous Year	% Change Over Previous Year
General Government	100 - 1010 - Governance	Expenses	Contracted Services	2,448	7,500	7,500		0.0%
			Supplies	217	5,180	5,180		0.0%
			Training & Conferences	5,333	27,200	27,200		0.0%
			Wages	131,506	175,150	176,026	876	0.5%
			W-Benefits	7,739	7,140	7,140		0.0%
			Total	147,243	222,170	223,046	876	0.4%
		Net Governance		147,243	222,170	223,046	876	0.4%
	110 - 1100 - General Administration	Revenues	Fines/Penalties	(48,798)	(185,100)	(185,100)		0.0%
			Grant Revenues	(88,513)	(92,500)	(30,000)	62,500	-67.6%
			Other Revenue	(7,066)	(2,500)	(2,500)		0.0%
			Permits/Licenses	(4,563)	(12,200)	(12,200)		0.0%
			Transfer from Reserves			(50,000)	(50,000)	
			User Fees/Charges	(14,246)	(21,400)	(21,400)		0.0%
			Total	(163,187)	(313,700)	(301,200)	12,500	-4.0%
		Expenses	Contracted Services	159,261	182,804	232,804	50,000	27.4%
			Grant Expenses	183				
			Insurance	19,357	23,177	26,654	3,477	15.0%
			Repairs & Mntce	19,894	36,700	26,700	(10,000)	-27.2%
			Supplies	118,152	167,779	167,779		0.0%
			Training & Conferences	38,340	44,590	44,590		0.0%
			Transfer to Reserves	39,638	96,963	96,963		0.0%
			Utilities	15,298	23,607	23,607		0.0%

Department	Division	Object Type	Object Category	2020 Actual as of Oct 30/20	2020 Budget	2021 Budget	\$ Change Over Previous Year	% Change Over Previous Year
			Wages	697,322	918,374	881,972	(36,402)	-4.0%
			W-Benefits	202,023	266,943	269,356	2,413	0.9%
			Total	1,309,468	1,760,937	1,770,424	9,487	0.5%
			Net General Administration	1,145,843	1,447,237	1,469,224	21,987	1.5%
150 - 1500 - Corporate Services	Revenues		Grant Revenues	(1,043,805)	(1,393,700)	(1,346,700)	47,000	-3.4%
			Investment Income	(160,174)	(120,000)	(120,000)		0.0%
			Taxation Levy	(9,922,917)	(9,871,474)	(9,871,474)		0.0%
			Total	(11,126,896)	(11,385,174)	(11,338,174)	47,000	-0.4%
	Expenses		External Transfers	56,382	86,620	86,620		0.0%
			Grant Expenses		2,000	2,000		0.0%
			Total	56,382	88,620	88,620		0.0%
			Net Corporate Services	(11,070,514)	(11,296,554)	(11,249,554)	47,000	-0.4%
Net General Government				(9,777,428)	(9,627,147)	(9,557,284)	69,863	-0.7%

2021 Budget Notes: General Government includes;

- \$44,650 dedicated capital levy
- \$25,000 Economic Development Sponsorship - Huron Country Playhouse
- \$50,000 for IT modernization, offset by utilization of Modernization grant
- \$50,000 for Job Evaluation review
- Reduction in OMPF grant of \$47,000
- Reduction of \$10,000 under repairs and maintenance - carpet replacement in verity room was deferred to 2022
- 0.5% COLA
- 15% increase in insurance costs

Health Services (Cemetery)

The Cemetery falls under Health Services as per the Ministry Reporting. South Huron maintains Exeter Cemetery as well as numerous rural cemeteries. Cemetery is governed by the BAO (Bereavement Authority of Ontario) and South Huron is a licensed owner. This department is funded through the user fees collected for the services provided with some supplementation from the tax levy to break-even.

Department	Division	Object Type	Object Category	2020 Actual as of Oct 30/20	2020 Budget	2021 Budget	\$ Change Over Previous Year	% Change Over Previous Year
Health Services (Cemetery)	590 - 5900 - Exeter Cemetery	Revenues	Donations/Fundraising		(350)	(350)		0.0%
			Investment Income	(12,239)	(17,400)	(17,400)		0.0%
			Transfer from Reserves	(165)		(10,000)	(10,000)	
			Sales	(65,827)	(96,000)	(96,000)		0.0%
			Total	(78,231)	(113,750)	(123,750)	(10,000)	8.8%
		Expenses	Contracted Services	14,979	42,408	27,408	(15,000)	-35.4%
			Insurance	2,074	2,212	2,544	332	15.0%
			Repairs & Mntce	19,052	16,580	21,580	5,000	30.2%
			Supplies	14,803	23,060	28,060	5,000	21.7%
			Training & Conferences	258	3,000	3,000		0.0%
			Transfer to Reserves	5,566	10,179	10,179		0.0%
			Utilities	1,805	3,540	3,540		0.0%
			Wages	75,053	79,143	80,450	1,307	1.7%
			W-Benefits	13,738	18,314	18,349	34	0.2%
			Total	147,328	198,437	195,110	(3,327)	-1.7%
		Net Cemetery Services			65,808	84,687	71,360	(13,327)

2021 Budget Notes: Cemetery Services includes;

- \$10,000 for implementation of GIS mapping, offset by utilization of modernization grant
- 15% increase in insurance costs
- 0.5% COLA

Planning & Development

Planning services ensure that the Municipality of South Huron is developed in a manner that meets the existing and future needs of our communities. Planning services are provided through the County of Huron in coordination with South Huron municipal staff.

Department	Division	Object Type	Object Category	2020 Actual as of Oct 30/20	2020 Budget	2021 Budget	\$ Change Over Previous Year	% Change Over Previous Year
Planning & Development	600 - 6005 - Planning & Development	Revenues	Other Revenue	(750)	(15,000)	(15,000)		0.0%
			User Fees/Charges	(14,940)	(25,000)	(25,000)		0.0%
			Total	(15,690)	(40,000)	(40,000)		0.0%
		Expenses	Contracted Services	18,603	20,166	20,166		0.0%
			Insurance	404	445	512	67	15.1%
			Supplies	1,976	19,127	9,127	(10,000)	-52.3%
			Training & Conferences	180	1,500	1,500		0.0%
			Transfer to Reserves					
			Utilities	1,100	1,631	1,631		0.0%
			Wages	13,638	18,336	20,212	1,876	10.2%
			W-Benefits	3,708	4,344	4,659	315	7.2%
			Total	39,609	65,549	57,807	(7,742)	-11.8%
			Net Planning & Development				24,058	25,549

2021 Budget Notes: Planning and Development Services includes;

- Reduction in Supplies of \$10,000 based on review of past 5 years actual costs incurred
- 15% increase in insurance costs
- 0.5% COLA

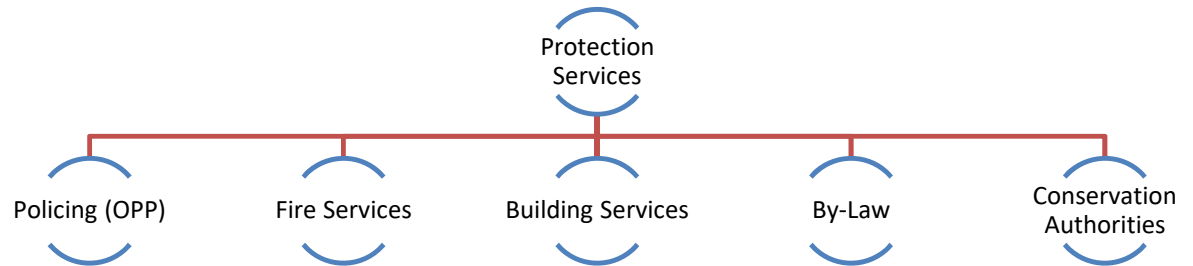
Protection Services

Protection Services includes Police and Fire (emergency services) as well as Building Inspection Services, By-Law enforcement, Animal Control and Conservation Authorities

Policing in South Huron is provided by a contractual OPP service.

Fire Services consist of a volunteer force with three stations – one in Dashwood, Exeter and Huron Park.

Policing, Fire Services, By-Law, and Conservation Authorities are funded through the tax levy while Building Services operates as a full cost-recovery department.



Department	Division	Object Type	Object Category	2020 Actual as of Oct 30/20	2020 Budget	2021 Budget	\$ Change Over Previous Year	% Change Over Previous Year
Protection Services	200 - 2010 - Policing	Revenues	Fines/Penalties	(1,886)	(8,130)	(8,130)		0.0%
			Grant Revenues	(14,286)	(17,013)	(17,013)		0.0%
			Other Revenue					
			Total	(16,172)	(25,143)	(25,143)		0.0%
		Expenses	Contracted Services	1,689,597	2,034,854	2,074,858	40,004	2.0%
			Supplies		9,413	14,413	5,000	53.1%
			Training & Conferences	1,638	9,856	9,856		0.0%
			Wages	5,770	9,873	9,923	50	0.5%
			W-Benefits	108	660	660		0.0%
			Total	1,697,112	2,064,656	2,109,710	45,054	2.2%
		Net Policing		1,680,941	2,039,513	2,084,567	45,054	2.2%
	210 - 2100 - Fire Services	Revenues	Donations/Fundraising					
			Grant Revenues	(42,542)	(25,000)	(25,000)		0.0%
			Other Revenue	(100)	(5,000)	(5,000)		0.0%
			User Fees/Charges	(59,560)	(30,320)	(30,320)		0.0%
			Total	(102,202)	(60,320)	(60,320)		0.0%

Department	Division	Object Type	Object Category	2020 Actual as of Oct 30/20	2020 Budget	2021 Budget	\$ Change Over Previous Year	% Change Over Previous Year
Protection Services	220 - 2200 - Building Inspection Services	Expenses	Contracted Services	68,040	88,456	88,456		0.0%
			Insurance	51,094	54,448	62,616	8,168	15.0%
			Repairs & Mntce	80,208	62,700	78,700	16,000	25.5%
			Supplies	36,843	67,160	50,000	(17,160)	-25.6%
			Training & Conferences	14,394	20,565	30,000	9,435	45.9%
			Transfer to Reserves	143,526	172,231	172,231		0.0%
			Utilities	21,841	32,089	32,089		0.0%
			Wages	389,050	484,852	498,012	13,160	2.7%
			W-Benefits	61,078	81,480	86,697	5,217	6.4%
			Total	866,075	1,063,981	1,098,801	34,820	3.3%
		Net Fire Services		763,872	1,003,661	1,038,481	34,820	3.5%
	220 - 2200 - Building Inspection Services	Revenues	Other Revenue	(3,820)	(2,500)	(2,500)		0.0%
			Permits/Licenses	(168,256)	(246,800)	(239,000)	7,800	-3.2%
			Transfer from Reserves		(145,969)	(148,842)	(2,873)	2.0%
			User Fees/Charges	(2,588)	(4,500)	(4,500)		0.0%
			Total	(174,664)	(399,769)	(394,842)	4,927	-1.2%
		Expenses	Contracted Services	24,914	58,174	38,500	(19,674)	-33.8%
			Insurance	1,025	2,495	2,869	374	15.0%
			Repairs & Mntce	1,750	7,400	7,400		0.0%
			Supplies	13,321	16,444	14,944	(1,500)	-9.1%
			Training & Conferences	5,347	28,530	28,530		0.0%
			Transfer to Reserves	2,049	2,459	2,459		0.0%
			Utilities	1,872	3,284	3,284		0.0%
			Wages	178,655	220,233	233,403	13,171	6.0%
			W-Benefits	55,147	60,746	63,453	2,707	4.5%
			Total	284,079	399,764	394,842	(4,922)	-1.2%
		Net Building Inspection Services		106,838	(5)	5	5	-100.0%
	230 - 2300 - ByLaw Enforcement	Revenues	Fines/Penalties	(4,678)	(3,000)	(3,000)		0.0%
			Other Revenue		(10,000)	(10,000)		0.0%
			Permits/Licenses	(11,580)	(13,500)	(13,500)		0.0%
			Total	(16,258)	(26,500)	(26,500)		0.0%
		Expenses	Contracted Services	13,731	40,527	40,527		0.0%
			Insurance	404	458	527	69	15.1%
			Repairs & Mntce		1,000	1,000		0.0%

Department	Division	Object Type	Object Category	2020 Actual as of Oct 30/20	2020 Budget	2021 Budget	\$ Change Over Previous Year	% Change Over Previous Year
			Supplies	1,249	7,445	7,445		0.0%
			Training & Conferences		1,000	1,000		0.0%
			Transfer to Reserves		820		(820)	-100.0%
			Utilities	1,043	1,486	1,486		0.0%
			Wages	11,548	14,746	15,367	621	4.2%
			W-Benefits	3,371	1,562	1,688	126	8.1%
			Total	31,347	69,044	69,041	(3)	0.0%
			Net ByLaw Enforcement	15,090	42,544	42,541	(3)	0.0%
290 - 2900 -	Expenses		External Transfers	136,721	343,372	341,138	(2,234)	-0.7%
Conservation			Total	136,721	343,372	341,138	(2,234)	-0.7%
Authorities			Net Conservation Authorities	136,721	343,372	341,138	(2,234)	-0.7%
Net Protection Services				2,703,462	3,429,085	3,506,727	77,642	2.3%

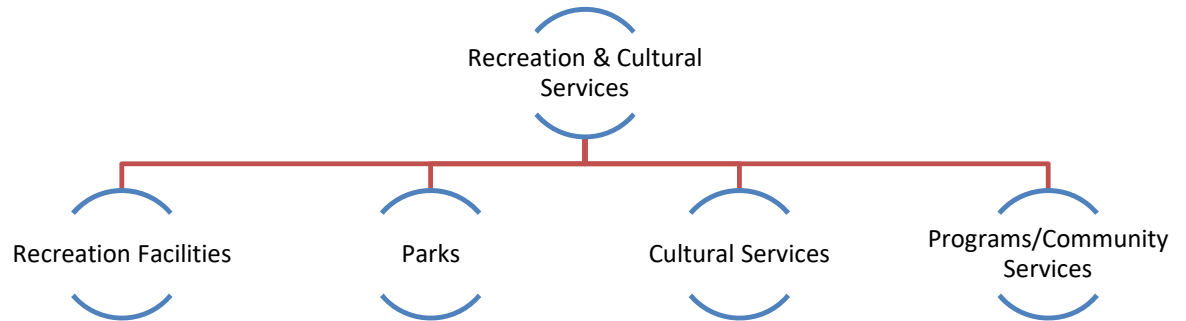
2021 Budget Notes: Protection Services includes;

- 2% increase in Policing costs to \$395.94 per property
- \$5,000 for Community Well Being and Safety plan
- \$16,000 in facility repairs for Exeter and Huron Park Fire stations
- \$9,435 increase in emergency services for training and certification costs
- \$20,000 increase in vehicle repairs and maintenance based on 3 year average of actual costs
- reduction of \$17,160 in emergency services supplies line based on 3 year average of actual costs
- Building Services is budgeted on full cost recovery basis
- 15% increase in insurance costs across all costing centres
- 0.5% COLA

Recreation & Cultural Services

Recreation includes operation of arenas, community centres, pools/splash pads, sports fields and parks to meet the recreational and leisure needs of residents. Recreation operates under some user fees, however, it is not a full cost recovery department and the tax levy is used to fund the remainder of expenses.

Annual programming includes playground programs, gymnastics, dance and karate to help keep the youth engaged and active in the community.



Department	Division	Object Type	Object Category	2020 Actual as of Oct 30/20	2020 Budget	2021 Budget	\$ Change Over Previous Year	% Change Over Previous Year
Recreation & Cultural Services	500 - 5000 - Recreation General	Revenues	Grant Revenues					
			Total					
		Expenses	Contracted Services	5,732				
			External Transfers	15,000	40,000	40,000		0.0%
			Insurance	286				
			Repairs & Mntce	12,766	19,800	18,000	(1,800)	-9.1%
			Supplies	20,228	19,600	17,000	(2,600)	-13.3%
			Training & Conferences	8,804	12,500	12,500		0.0%
			Utilities	2,233	4,000	4,000		0.0%
			Wages	194,727	104,143	84,070	(20,074)	-19.3%
			W-Benefits	91,018	25,828	20,311	(5,517)	-21.4%
			Total	350,795	225,872	195,881	(29,991)	-13.3%
			Net Recreation General	350,795	225,872	195,881	(29,991)	-13.3%
	510 - Parks (Active/Passive)	Revenues	Donations/Fundraising	(991)	(1,600)	(1,600)		0.0%
			Other Revenue		(7,900)	(7,900)		0.0%
			Sales		(4,000)	(4,000)		0.0%
			User Fees/Charges	(4)	(68,000)	(68,000)		0.0%
			Total	(995)	(81,500)	(81,500)		0.0%
		Expenses	Contracted Services	17,168	18,900	18,900		0.0%
			Insurance	4,531	8,618	9,912	1,294	15.0%

Department	Division	Object Type	Object Category	2020 Actual as of Oct 30/20	2020 Budget	2021 Budget	\$ Change Over Previous Year	% Change Over Previous Year
			Repairs & Mntce	5,782	22,900	22,900		0.0%
			Supplies	10,695	41,200	40,000	(1,200)	-2.9%
			Utilities	11,114	12,506	12,506		0.0%
			Wages	72,552	114,996	138,472	23,476	20.4%
			W-Benefits	14,091	29,900	33,387	3,487	11.7%
			Total	135,932	249,020	276,077	27,057	10.9%
			Net Parks (Active/Passive)	134,937	167,520	194,577	27,057	16.2%
Recreation & Cultural Services	520 - 5025 - Programs	Revenues	Donations/Fundraising		(51,000)	(51,000)		
								0.0%
			Grant Revenues	4,166	(15,800)	(5,000)	10,800	-68.4%
			User Fees/Charges	(13,721)	(90,500)	(90,500)		0.0%
			Total	(9,555)	(157,300)	(146,500)	10,800	-6.9%
		Expenses	Contracted Services		31,000	31,000		0.0%
			Supplies	15,289	76,332	46,132	(30,200)	-39.6%
			Training & Conferences	794	4,200	2,000	(2,200)	-52.4%
			Transfer to Reserves					
			Wages	121,364	231,833	132,209	(99,624)	-43.0%
			W-Benefits	23,719	55,250	26,172	(29,078)	-52.6%
			Total	161,165	398,615	237,513	(161,102)	-40.4%
			Net Programs	151,072	241,315	95,913	(145,402)	-60.3%
	520 - 5225 - Pools	Revenues	Donations/Fundraising		(640)	(640)		0.0%
			Transfer from Reserves		(169,986)	(169,986)		0.0%
			User Fees/Charges		(26,000)	(26,000)		0.0%
			Total		(196,626)	(196,626)		0.0%
		Expenses	Contracted Services	1,060	7,200	7,200		0.0%
			Debt - Interest Payments	9,033	17,209	13,736	(3,473)	-20.2%
			Debt - Principal payments	75,961	152,779	156,252	3,473	2.3%
			Insurance	5,046	1,550	1,783	233	15.0%
			Repairs & Mntce	5,204	4,000	4,000		0.0%
			Supplies	5,080	8,000	8,000		0.0%
			Transfer to Reserves					
			Utilities	12,893	26,040	26,040		0.0%

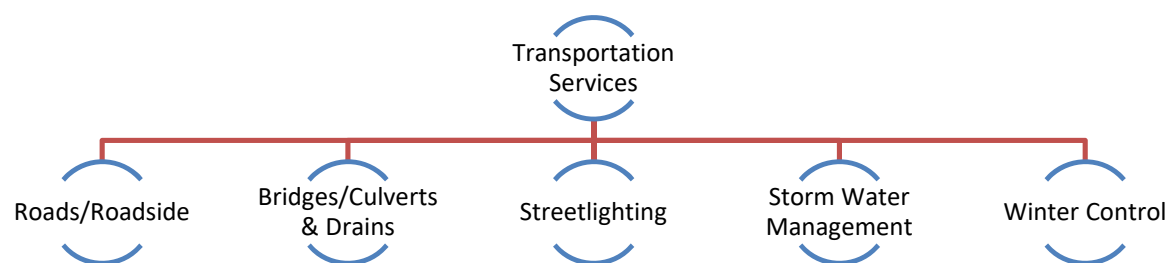
Department	Division	Object Type	Object Category	2020 Actual as of Oct 30/20	2020 Budget	2021 Budget	\$ Change Over Previous Year	% Change Over Previous Year
			Wages	9,229	48,566	49,205	639	1.3%
			W-Benefits	2,123	10,285	10,330	46	0.4%
			Total	125,630	275,629	276,546	918	0.3%
		Net Pools		125,630	79,003	79,920	918	1.2%
Recreation & Cultural Services	540 - 5305 - Facilities	Revenues	Donations/Fundraising	(14,050)	(17,500)	(17,500)		0.0%
			Grant Revenues	(12,500)	(30,682)	(30,682)		0.0%
			Other Revenue		(1,500)	(1,500)		0.0%
			Sales	(324)				
			Transfer from Reserves					
			User Fees/Charges	(172,148)	(383,983)	(383,983)		0.0%
			Total	(199,022)	(433,665)	(433,665)		0.0%
		Expenses	Contracted Services	47,194	90,258	90,258		0.0%
			Debt - Interest Payments	13,880	30,257	25,861	(4,396)	-14.5%
			Debt - Principal payments	18,491	34,484	38,880	4,396	12.7%
			Insurance	38,778	59,541	68,031	8,490	14.3%
			Repairs & Mntce	76,404	69,800	69,800		0.0%
			Supplies	23,742	48,760	48,760		0.0%
			Training & Conferences		5,000	5,000		0.0%
			Transfer to Reserves	110,977	183,173	133,173	(50,000)	-27.3%
			Utilities	195,918	297,116	297,116		0.0%
			Wages	189,493	401,282	400,816	(466)	-0.1%
			W-Benefits	38,634	94,727	95,007	281	0.3%
			Total	753,510	1,314,398	1,272,703	(41,695)	-3.2%
			Net Facilities		552,564	880,733	839,038	(41,695)
Net Recreation Services				1,314,998	1,594,443	1,400,430	(194,013)	-12.2%

2021 Budget Notes: Recreation Services includes;

- Wages and benefits have been reallocated between costing centres based on work
- \$6,500 reduction in supplies
- Transfer to reserves was reduced by \$50,000 - 2020 included a one time transfer for SHRC per council resolution
- 15% increase in insurance costs
- 0.5% COLA

Transportation Services

The capital network is very robust and critical in the transport of people, goods and services throughout the Municipality. It includes bridges/culverts, roads, traffic signals, street lighting, sidewalks, operations centre and any vehicles/equipment required to maintain the services. Transportation is a tax levy funded department with street lighting being a special area rate.



Department	Division	Object Type	Object Category	2020 Actual as of Oct 30/20	2020 Budget	2021 Budget	\$ Change Over Previous Year	% Change Over Previous Year
Transportation Services	300 - 3010 - Roads General	Revenues	Grant Revenues					
			Other Revenue	(46,794)	(58,220)	(58,220)		0.0%
			Sales	(56,948)				
			Transfer from Reserves		(23,000)		23,000	-100.0%
			Total	(103,743)	(81,220)	(58,220)	23,000	-28.3%
		Expenses	Contracted Services	65,356	194,527	68,556	(125,971)	-64.8%
			Insurance	50,051	50,966	58,611	7,645	15.0%
			Repairs & Mntce	144,332	238,000	238,000		0.0%
			Supplies	38,828	34,714	29,914	(4,800)	-13.8%
			Training & Conferences	16,342	22,860	22,860		0.0%
			Transfer to Reserves	594,247	700,854	700,854		0.0%
			Utilities	20,433	29,693	29,693		0.0%
			Wages	313,675	319,082	385,767	66,685	20.9%
			W-Benefits	110,151	76,078	90,862	14,784	19.4%
			Total	1,353,415	1,666,774	1,625,117	(41,657)	-2.5%
		Net Roads General			1,249,672	1,585,554	1,566,897	(18,657)
	300 - 3700 - Bridges & Culverts	Expenses	Contracted Services	7,806	25,000	5,000	(20,000)	-80.0%
			Repairs & Mntce	3,427	45,000	45,000		0.0%
			Wages	7,325	55,938	50,710	(5,228)	-9.3%
			W-Benefits	1,424	14,216	12,508	(1,708)	-12.0%
			Total	19,982	140,154	113,218	(26,936)	-19.2%
	Net Bridges & Culverts			19,982	140,154	113,218	(26,936)	-19.2%
Transportation	310 - 3100 -	Expenses	Contracted Services	6,638		3,000	3,000	

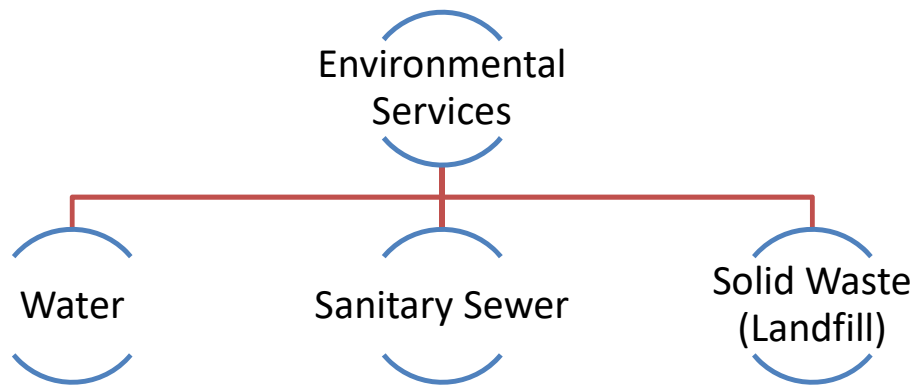
Department	Division	Object Type	Object Category	2020 Actual as of Oct 30/20	2020 Budget	2021 Budget	\$ Change Over Previous Year	% Change Over Previous Year
Services	Paved Roads		Repairs & Mntce	20,677	68,650	68,650		0.0%
			Supplies	3,240				
			Wages	39,692	52,905	48,359	(4,547)	-8.6%
			W-Benefits	7,919	13,445	11,935	(1,510)	-11.2%
			Total	78,167	135,000	131,944	(3,056)	-2.3%
		Net Paved Roads		78,167	135,000	131,944	(3,056)	-2.3%
	320 - 3160 - Unpaved Roads	Expenses	Repairs & Mntce	453,674	450,000	450,000		0.0%
			Supplies					
			Wages	29,983	52,905	48,359	(4,547)	-8.6%
			W-Benefits	5,366	13,445	11,935	(1,510)	-11.2%
			Total	489,023	516,350	510,294	(6,056)	-1.2%
		Net Unpaved Roads		489,023	516,350	510,294	(6,056)	-1.2%
	330 - 3210 - Traffic Operations & Roadside	Revenues	Permits/Licenses	(14,476)	(14,476)	(14,476)		0.0%
			Transfer from Reserves		(2,000)	(2,000)		0.0%
			User Fees/Charges					
			Total	(14,476)	(16,476)	(16,476)		0.0%
		Expenses	Contracted Services	14,175				
			Repairs & Mntce	18,328	126,640	116,640	(10,000)	-7.9%
			Supplies		2,000	2,000		0.0%
			Wages	120,465	130,440	174,254	43,814	33.6%
			W-Benefits	22,514	32,417	42,683	10,266	31.7%
			Total	175,481	291,497	335,577	44,080	15.1%
		Net Traffic Operations & Roadside		161,005	275,021	319,101	44,080	16.0%
	350 - 3500 - Municipal Drains	Revenues	Grant Revenues		(42,613)	(42,613)		0.0%
			Other Revenue	(3,199)				
			Total	(3,199)	(42,613)	(42,613)		0.0%
		Expenses	Grant Expenses	79,068	85,226	85,226		0.0%
			Repairs & Mntce	50,617	70,000	70,000		0.0%
			Supplies					
			Utilities					
			Wages	4,840	7,948	21,087	13,139	165.3%
			W-Benefits	1,093		4,955	4,955	
			Total	135,618	163,174	181,268	18,094	11.1%
		Net Municipal Drains		132,419	120,561	138,655	18,094	15.0%

Department	Division	Object Type	Object Category	2020 Actual as of Oct 30/20	2020 Budget	2021 Budget	\$ Change Over Previous Year	% Change Over Previous Year
Transportation Services	360 - 3600 - Streetlighting	Revenues	Taxation Levy	(233,405)	(211,138)	(124,733)	86,405	-40.9%
			Transfer from Reserves					
			Total	(233,405)	(211,138)	(124,733)	86,405	-40.9%
		Expenses	Contracted Services	3,310				
			Repairs & Mntce	8,164	95,000	28,014	(66,986)	-70.5%
			Transfer to Reserves	110,171	114,924	28,519	(86,405)	-75.2%
			Utilities	50,254	1,214	68,200	66,986	5517.8%
			Wages					
			W-Benefits					
			Total	171,900	211,138	124,733	(86,405)	-40.9%
		Net Streetlighting			(61,506)			
	380 - 3300 - Winter Control	Revenues	Other Revenue	(5,517)	(5,000)	(5,000)		0.0%
			Total	(5,517)	(5,000)	(5,000)		0.0%
		Expenses	Contracted Services	7,143	26,120	53,120	27,000	103.4%
			Repairs & Mntce	31,688	75,000	75,000		0.0%
			Supplies	35,462	115,412	115,412		0.0%
			Wages	87,745	202,431	232,058	29,627	14.6%
			W-Benefits	14,811	40,129	46,786	6,658	16.6%
			Total	176,850	459,092	522,376	63,284	13.8%
		Net Winter Control			171,333	454,092	517,376	63,284
	390 - 3910 - Storm Water Mgment	Revenues	Grant Revenues					
			Transfer from Reserves					
			Total					
		Expenses	Contracted Services	8,060	8,606	8,448	(158)	-1.8%
			Repairs & Mntce	25,114	33,000	33,000		0.0%
			Supplies					
			Training & Conferences		140	140		0.0%
			Transfer to Reserves					
			Wages	14,389	20,004	25,065	5,061	25.3%
			W-Benefits	3,097	5,527	6,678	1,151	20.8%
			Total	50,659	67,277	73,331	6,054	9.0%
	Net Storm Water Management			50,659	67,277	73,331	6,054	9.0%
Net Transportation Services			2,290,755	3,294,009	3,370,816	81,806	2.3%	

Department	Division	Object Type	Object Category	2020 Actual as of Oct 30/20	2020 Budget	2021 Budget	\$ Change Over Previous Year	% Change Over Previous Year
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2021 Budget Notes: Transportation Services includes;

- 15% increase in Insurance costs
- Reduciton in contracted services - 2020 included \$125,000 for Roads Master Plan
- Increase in wages, related to operator hours previously allocated to Solid Waste
- \$35,000 increase in contracted services related to purchasing maintenance service from County for Whalen Line
- \$10,000 decrease in Traffic operation repairs based on 3 year average of actual costs
- Streetlighting budget reduced by \$86,405 - final loan payment in 2020
- 0.5% COLA
- 15% increase in insurance costs



Environmental Services

The Environmental Services division is responsible for the maintenance and operation of the Municipality's water distribution system, water booster pumping stations, underground reservoirs and elevated water towers.

The sanitary sewer system includes the maintenance and operation of forcemains, pumping stations and sewage treatment facilities.

South Huron has one operational Landfill site open to the residents of South Huron and is responsible for the environmental maintenance of two other sites.

Environmental Services are funded solely through user fees collected.

Department	Division	Object Type	Object Category	2020 Actual as of Oct 30/20	2020 Budget	2021 Budget	\$ Change Over Previous Year	% Change Over Previous Year
Environmental Services	410 - 4100 - South Huron Water Division	Revenues	Fines/Penalties	(5,160)	(18,000)	(18,000)		0.0%
			Grant Revenues					
			Investment Income					
			Other Revenue	(26,559)	(50,000)	(50,000)		0.0%
			Taxation Levy		(134,828)	(134,828)		0.0%
			Transfer from Reserves		(10,900)	(332,555)	(321,655)	2951.0%
			User Fees/Charges	(3,073,018)	(3,786,302)	(3,959,655)	(173,353)	4.6%
			Total	(3,104,737)	(4,000,030)	(4,495,038)	(495,008)	12.4%
		Expenses	Contracted Services	89,256	135,297	259,530	124,233	91.8%
			Debt - Interest Payments	265,059	497,540	476,457	(21,084)	-4.2%
			Debt - Principal payments	209,083	423,309	444,393	21,084	5.0%
			Insurance	18,536	22,617	26,010	3,393	15.0%
			Repairs & Mntce	97,984	198,799	123,799	(75,000)	-37.7%
			Supplies	525,708	729,039	729,039		0.0%
			Training & Conferences	8,389	16,180	16,180		0.0%
			Transfer to Reserves	1,008,540	1,210,253	1,687,021	476,768	39.4%

Department	Division	Object Type	Object Category	2020 Actual as of Oct 30/20	2020 Budget	2021 Budget	\$ Change Over Previous Year	% Change Over Previous Year
			Utilities	61,575	77,500	77,500		0.0%
			Wages	408,459	552,021	521,559	(30,461)	-5.5%
			W-Benefits	117,257	137,475	133,550	(3,925)	-2.9%
			Total	2,809,846	4,000,030	4,495,038	495,008	12.4%
			Net South Huron Water	(294,891)			()	-82.7%
	430 - 4300 - South Huron Sewers	Revenues	Fines/Penalties	(2,124)				
			Grant Revenues					
			Investment Income					
			Other Revenue		(30,000)	(30,000)		0.0%
			Taxation Levy	(763,052)				
			Transfer from Reserves					
			User Fees/Charges	(1,542,169)	(2,526,939)	(2,742,809)	(215,870)	8.5%
			Total	(2,307,345)	(2,556,939)	(2,772,809)	(215,870)	8.4%
		Expenses	Contracted Services	155,690	322,649	372,288	49,639	15.4%
			Debt - Interest Payments	296,346	427,456	407,150	(20,306)	-4.8%
			Debt - Principal payments	332,664	446,002	466,308	20,306	4.6%
			Insurance	9,627	13,520	15,548	2,028	15.0%
			Repairs & Mntce	93,847	112,050	52,050	(60,000)	-53.5%
			Supplies	51,688	21,346	51,346	30,000	140.5%
			Training & Conferences	2,998	4,820	4,820		0.0%
			Transfer to Reserves	437,260	524,711	973,024	448,313	85.4%
			Utilities	140,798	130,576	160,576	30,000	23.0%
			Wages	120,264	207,101	213,933	6,832	3.3%
			W-Benefits	39,882	53,833	55,766	1,933	3.6%
			Total	1,681,064	2,264,063	2,772,809	508,746	22.5%
			Net South Huron Sewers	(626,280)	(292,876)		292,876	-100.0%

Department	Division	Object Type	Object Category	2020 Actual as of Oct 30/20	2020 Budget	2021 Budget	\$ Change Over Previous Year	% Change Over Previous Year
	450 - 4510 - Solid Waste	Revenues	Fines/Penalties	(835)				
			Grant Revenues					
			Investment Income					
			Other Revenue	(8,594)	(9,000)	(9,000)		0.0%
			Permits/Licenses	(21,367)	(21,366)	(21,366)		0.0%
			Sales		(24,500)	(24,500)		0.0%
			Transfer from Reserves		(53,890)		53,890	-100.0%
			User Fees/Charges	(909,809)	(1,198,539)	(1,216,206)	(17,667)	1.5%
			Total	(940,606)	(1,307,295)	(1,271,072)	36,223	-2.8%
		Expenses	Contracted Services	793,274	869,710	887,028	17,318	2.0%
			Insurance	1,006	1,182	1,359	177	15.0%
			Repairs & Mntce	63,369	112,182	89,182	(23,000)	-20.5%
			Supplies	4,218	14,642	14,642		0.0%
			Training & Conferences					
			Transfer to Reserves	16,081	124,297	124,297		0.0%
			Utilities	20,269	3,562	26,562	23,000	645.7%
			Wages	76,867	147,932	105,355	(42,577)	-28.8%
			W-Benefits	13,190	33,787	22,820	(11,141)	-32.5%
			Total	988,275	1,307,295	1,271,072	(36,223)	-2.8%
		Net Solid Waste		47,670	()	()	()	13.1%
	Net Environmental Services			(873,502)	(292,876)		292,876	-100.0%

2021 Budget Notes: Environmental Services includes;

- Water Transfer from reserves includes \$18,500 related to DC revenues to offset Exeter Hensall debt per study and \$313,802 transfer from prior year operating surplus reserve to balance current year
- Contracted services for water/sewer includes \$100,000 for water/sewer master plan update
- Transfer to reserves for water and sewer is amount identified in water/sewer rate study for capital replacement reserves

Corporate Management		2021 Proposed Capital Investment						Forecasted Project Cost (Total \$)			
Project Name	Project ID	Project Cost	Tax Levy	Grant	Reserve	Debt	Other Sources	2022	2023	2024	2025
Air Conditioner units-Town Hall								26,458	26,458		
Furnace replacement - Town Hall											10,176
Total General Admin		-	-	-	-	-	-				
Emergency Services		2021 Proposed Capital Investment						Forecasted Project Cost (Total \$)			
Project Name	Project ID	Project Cost	Tax Levy	Grant	Reserve	Debt	Other Sources	2022	2023	2024	2025
PPE Replacement Program	2021-FD-01	45,000	39,775				5,225	30,000	30,000	30,000	30,000
2000 Freightliner Telesquirt - Exeter Station	2020-2021	457,900	211,163		233,000		13,737				
Boiler Replacement - Huron Park Station	2021-FD-02	20,000	20,000								
Roof Replacement - Huron Park Station	2021-FD-03	40,000	40,000								
Overhead Door Replacement-Exeter Stn	2021-FD-04	42,000	42,000								
Tube Heater Replacement-Exeter Stn	2021-FD-05	15,000	15,000								
Auto Extrication Equipment - Dashwood Stn	2021-FD-06	16,000	10,080				5,920				
2002 Freightliner Pumper - Dashwood								500,000			
2008 GMC Sierra Truck								40,000			
2009 GMC Sierra Truck										40,000	
Auto Extrication Equipment - Exeter Stn								75,000			
Total Emergency Services Capital		635,900	378,018	-	233,000	-	24,882	645,000	30,000	70,000	30,000
Recreation Services		2021 Proposed Capital Investment						Forecasted Project Cost (Total \$)			
Facility/Project Name	Project ID	Project Cost	Tax Levy	Grant	Reserve	Debt	Other Sources	2022	2023	2024	2025
SHRC											
SHRC Resurfacers Room Hot Water Boiler Replacement								20,000			
SHRC Hall Roof										180,000	
SHRC Arena Roof											110,000
SHRC Ice Resurfacers											175,000
Stephen Arena											
Stephen Arena Compressor, Shell and Tube Chiller and Surge Drum	2021-RS-01	100,000	100,000								
Stephen Arena BAC Evaporative Condenser								75,000			
Replace Arena Floor								1,100,000			
Stephen Arena Front Door Replacement								12,000			
Stephen Arena Resurfacers Room									310,000		
Stephen Arena Water Heater Replace									22,500		
Stephen Arena - Dasher Boards										300,000	
Stephen Arena - Ice surface glass										50,000	
Stephen Arena parking lot paving										50,000	
Stephen Arena - Arena Roof Replacement											110,000

Project Name	Project ID	Project Cost	Tax Levy	Grant	Reserve	Debt	Other Sources	2022	2023	2024	2025
Stephen Arena Ice Resurfacers											80,000
Stephen Arena Rubber Floor											175,000
KW Pool											
KW Pool House Roof	2021-RS-02	12,500	6,250				6,250				
KW Pool House									250,000		
KW Pool Pump									16,000		
Parks											
Port Blake	2020 carry fwd	276,710			276,710						
SHRC Tennis Courts	2021-RS-03	175,000	175,000								
Lawn Bowling Replace Roof	2021-RS-04	12,500	12,500								
Dashwood Playground Equipment								30,000			
SHRC Playground Equipment									60,000		
Total Recreation Capital		576,710	293,750	-	276,710	-	6,250	1,237,000	658,500	580,000	650,000
Transportation Services		2021 Proposed Capital Investment						Forecasted Project Cost (Total \$)			
Project Name	Project ID	Project Cost	Tax Levy	Grant	Reserve	Debt	Other Sources	2022	2023	2024	2025
Parr Line - County Rd 83 to Crediton Rd	2021-TS-01	526,099	86,099	440,000							
Plugtown Line - 83 to Kirkton Rd	2021-TS-02	420,269	269	420,000							
Union Line - 83 to 23								562,000			
Parr Line - Crediton Rd to Mount Carmel Rd									600,000		
Huron St - Snider Cres to Airport Line										150,000	
McTaggart Line - 83 to Rodgerville										750,000	
Gore Road - 83 to Corbett Line											250,000
B Line - Gore Rd to 81											375,000
Corbett Line - Cty Rd 10 to 5											500,000
Victoria Dr - Centralia to Mt Carmel Dr											125,000
Whalen Line - McTaggart to Old Line											625,000
Bridge Repairs											
Park Road (Repairs to Structure #3059)	2020 carry fwd	464,359	183,815	112,550	167,994						
Blackbush Line (Repairs to Structure #1028)	2020 carry fwd	212,933	18,885		194,048						
Elimville Line (Repairs to Structure #3034)	2021-TS-03	462,446	87,446	375,000							
Blackbush Line (Repairs to Structure #1024)	2021-TS-04	10,000	10,000					81,408			
Line 17 (Replacement of Structure #3014 - 50% share with West Perth)								12,720	184,186		
South Road (Replacement of Structure #1065)								25,000	447,744		
Huron Street (Repairs to Structure #3044)								20,000	183,168		
Morrison Line (Repairs to Structure #3003)									20,000	305,280	
B Line (Repairs to Structure #1096)									20,000	167,904	

Project Name	Project ID	Project Cost	Tax Levy	Grant	Reserve	Debt	Other Sources	2022	2023	2024	2025
Kirkton Road (Repairs to Structure #1079)										20,000	244,224
B Line (Repairs to Structure #1098)										15,000	96,672
Whalen Line (Repairs to Structure #3061)										10,000	86,496
East of Hwy #4 (Pedestrian bridge in MacNaughton Park) - P3											16,282
East of Hwy #4 (Pedestrian bridge in MacNaughton Park) - P4											6,106
Airport Line (Repairs to Structure #1006)											20,000
#1012)											20,000
Equipment/Rolling Stock											
Replace Single Axle Plow #67	2020-2021	315,000	72,000		243,000						
Replace Trailer with aluminum float trailer	2021-TS-05	15,264	15,264								
Replace Tractor #058	2021-TS-06	106,848	-		106,848						
Replace Pickup Truck #117								40,000			
Replace Grader #93								550,000			
Replace Loader #97									250,000		
Replace Backhoe #118									180,000		
Replace Single Axle Plow #71										250,000	
Replace Trackless #122										150,000	
Replace Single Axle Plow #72											250,000
Replace Sweeper #106											350,000
Total Transportation Services		2,533,218	473,778	1,347,550	711,890	-	-	1,291,128	1,885,098	1,818,184	2,964,779
Transportation, Water, Sewer Combined		2021 Proposed Capital Investment						Forecasted Project Cost (Total \$)			
Project Name	Project ID	Project Cost	Tax Levy	Grant	Reserve	Debt	Other Sources	2022	2023	2024	2025
Sherwood Crescent Reconstruction (Top Asphalt)	2020 Carry fws	81,869	40,675		41,194						
Waterloo Street Reconstruction								1,615,467	85,987		
William Street Reconstruction (Anne to Sanders)									1,260,831	44,978	
Kingscourt Cres Reconstruction (Pryde Blvd to end)									76,320		1,260,831
(Thames Rd to Walper St) -Joint with Huron Cty								100,000		1,053,600	
Thames Road West Reconstruction (Main Street N to West town limit)-Joint with Huron Cty								110,000		1,843,800	
Victoria St E Reconstruction (Main to SHRC)											53,424
Total Combined		81,869	40,675	-	41,194	-	-	1,825,467	1,423,138	2,942,378	1,314,255

Project Name	Project ID	Project Cost	Tax Levy	Grant	Reserve	Debt	Other Sources	2022	2023	2024	2025
Streetlights		2021 Proposed Capital Investment						Forecasted Project Cost (Total \$)			
Project Name	Project ID	Project Cost	Tax Levy	Grant	Reserve	Debt	Other Sources	2022	2023	2024	2025
Waterloo Street (London Road South to GEXR railway tracks)								274,752			
Total Streetlights		-	-		-		-	274,752	-	-	-
Water Services		2021 Proposed Capital Investment						Forecasted Project Cost (Total \$)			
Project Name	Project ID	Project Cost	User Fees	Grant	Reserve	Debt	Other Sources	2022	2023	2024	2025
Meter Replacement Program (250 meters)	2021-W-01	250,000			250,000			250,000	250,000	250,000	250,000
Control Chamber at Hwy#21 and Gore Road	2021-W-02	377,710			377,710						
Gravelle, Eva, Kingsmere watermain replacement (150mm)	2021-W-03	343,404			343,404						
Sunnyside and Maplegrove watermain replacement (150mm)	2021-W-04	289,115			289,115						
Rechlorination system at MacNaughton Reservoir & BPS	2021-W-05	406,740			406,740						
Huron Street 150mm watermain replacement (Town Limit to Osborne Yard)	2021-W-06	25,000			25,000				411,731		
Replace #132 - 2015 Utility Dump Trailer	2021-W-07	12,000			12,000						
Blackbush Line 100mm watermain replacement (Crediton Rd to Dashwood Rd)	2021-W-08	25,000			25,000				928,500		
Highway #21 watermain replacement (250mm)								2,192,000			
Mollard Line 100mm watermain replacement (Grand Bend Line to South Road)								25,000		813,000	
Replace #136 - 2015 Main Break Trailer								20,000			
Bronson Line 200mm watermain replacement (Crediton Rd to Huron St)									25,000	992,400	
Grand Bend Line 100mm watermain replacement (POG to Greenway Road)									25,000		834,300
Grand Bend Line watermain upgrade to 250mm (B-Line-POG)										25,000	441,000
Gore Road upgrade to 250mm (Dashwood Road to Corbett Line)											25,000
Corbett Line 100mm watermain (Huron St to Gore Road)											25,000
Total Water		1,728,969	-	-	1,728,969	-	-	2,487,000	1,640,231	2,080,400	1,575,300

Project Name	Project ID	Project Cost	Tax Levy	Grant	Reserve	Debt	Other Sources	2022	2023	2024	2025
Sewer Services		2021 Proposed Capital Investment						Forecasted Project Cost (Total \$)			
Project Name	Project ID	Project Cost	User Fees	Grant	Reserve	Debt	Other Sources	2022	2023	2024	2025
William Street SPS Forcemain Replacement (GEXR to Lagoons)	2021-S-01	25,000			25,000			282,689			
Sewage Lagoon Filter Building Pumping Station	2021-S-02	65,000			65,000			914,520			
Sewage Lagoon UV Disinfection System	2021-S-03	45,000			45,000						748,500
Main Street Sewer Easement Rehabilitation	2021-S-04	50,000			50,000			50,000	50,000	50,000	50,000
Huron Park Sanitary Sewage Pumping Station Upgrades	2021-S-05	75,000			75,000				1,490,907		
Grand Bend Trunk Sewer Phase 1	2020 carry fwd	1,600,230			1,600,230						
Sewage Lagoon Sand Filters Rehabilitation										880,424	880,424
Kubota Tractor #133											50,000
Crediton Sanitary Sewage Pumping Station Upgrades											30,000
Grand Bend Trunk Sewer Phase 2 (Indian Road to Oakwood SPS)											100,000
Sewage lagoon Blower Building Upgrades											30,000
Total Sewers		1,860,230	-	-	1,860,230	-	-	1,247,209	1,540,907	930,424	1,888,924
Solid Waste		2021 Proposed Capital Investment						Forecasted Project Cost (Total \$)			
Project Name	Project ID	Project Cost	User Fees	Grant	Reserve	Debt	Other Sources	2022	2023	2024	2025
Landfill Expanson Project-Stage 3	2021-LS-01	50,000			50,000			25,000	25,000	25,000	25,000
Total Solid Waste		50,000	-	-	50,000	-	-	25,000	25,000	25,000	25,000
Total Capital		Levy Amt									
		7,466,896	1,186,221	1,347,550	4,901,993	-	31,132	9,032,556	7,202,874	8,446,386	8,448,258

Emergency Services		2021 Proposed Capital Investment						Forecasted Project Cost (Total \$)			
Project Name	Project ID	Project Cost	Tax Levy	Grant	Reserve	Debt	Other Sources	2022	2023	2024	2025
PPE Replacement Program	2021-FD-01	45,000	39,775				5,225	30,000	30,000	30,000	30,000
2000 Freightliner Telesquirt - Exeter Station	2020-2021	457,900	211,163		233,000		13,737				
Boiler Replacement - Huron Park Station	2021-FD-02	20,000	20,000								
Roof Replacement - Huron Park Station	2021-FD-03	40,000	40,000								
Overhead Door Replacement-Exeter Stn	2021-FD-04	42,000	42,000								
Tube Heater Replacement-Exeter Stn	2021-FD-05	15,000	15,000								
Auto Extrication Equipment - Dashwood Str	2021-FD-06	16,000	10,080				5,920				
2002 Freightliner Pumper - Dashwood								500,000			
2008 GMC Sierra Truck								40,000			
2009 GMC Sierra Truck										40,000	
Auto Extrication Equipment - Exeter Stn								75,000			
Total Emergency Services Capital		635,900	378,018	-	233,000	-	24,882	645,000	30,000	70,000	30,000

2021 Capital Budget Request Form



Project Name:	PPE Replacement Program		Project No.	2021-FD-01
Functional Class:	Protection Services	Department:		
Asset Category:	Equipment			
Location:	Various Stations	Project Authorization:		
Estimated Useful Life:	10 Years			
		Joint Project Lead:	Jeremy Becker	

Detailed Project Description:

Annual Replacment of firefigter personal protective equipment (PPE). 5 sets for Dashwood, 8 sets for Exeter, 5 sets for Huron Park.

Project Rationale:

PPE is required to be replaced every 10 years as per NFPA 1971. Annualizing these costs is critical in affordability for the Municipality.

Project Measurements:

Unit of Measure:	Quantity	Asset

Project Materials:

Images



2021 Capital Budget Request Form

Project Name:	PPE Replacement Program						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services							
Construction							
Vehicles							
Equipment		44,222					
Non-recoverable HST	-	778	-	-	-	-	-
Total Capital Cost	-	45,000	30,000	30,000	30,000	30,000	-
<u>Sources of Funding</u>							
Other:	Bluewater	5,225					
Net Tax Levy Impact	-	39,775	30,000	30,000	30,000	30,000	-

Operating Impact of Capital							
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	
Consequence of Failure	

2021 Capital Budget Request Form



Project Name:	Fire Truck Replacement	Project No.	2020-2021
Functional Class:	Protection Services	Department:	
Asset Category:	Equipment		
Location:	Exeter Fire Station	Project Authorization:	
Estimated Useful Life:	20 Years	Joint Project Lead:	Jeremy Becker

Detailed Project Description:

This project requires the replacement of the 2000 Aerial Truck. The truck has reached its end of service life as a front line pumper as per NFPA 1901. Truck was tendered in 2020 and is on order, with delivery 2021.

Project Rationale:

This project is normal life cycle replacement. This unit will bereplaced by a new Pumper/Tanker.

Project Measurements:

Unit of Measure:	Quantity	Asset
	1	Pumper/Tanker

Project Materials:

Images



2021 Capital Budget Request Form

Project Name:	Fire Truck Replacement						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services							
Construction							
Vehicles		449,980					
Equipment							
Non-recoverable HST		7,920	-	-	-	-	-
Total Capital Cost		457,900	-	-	-	-	-
<u>Sources of Funding</u>							
Other:	Bluewater	13,737					
Reserve/Reserve Fund:	Fire Capital Re	43,000					
Reserve/Reserve Fund:	2020 \$ Tax	190,000					
Net Tax Levy Impact	-	211,163	-	-	-	-	-

Operating Impact of Capital							
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	
Consequence of Failure	

2021 Capital Budget Request Form



Project Name:	Boiler Replacement	Project No.	2021-FD-02
Functional Class:	Protection Services	Department:	
Asset Category:	Facilities		
Location:	Huron Park Fire Station	Project Authorization:	
Estimated Useful Life:	30 Years	Joint Project Lead:	Jeremy Becker

Detailed Project Description:

Replacement of the boiler heating system in the Huron Park Station is required.

Project Rationale:

A new boiler heating system is required to ensure adequate heat for the building. The current system is dated and has required repairs over the years, currently parts are becoming difficult to locate to complete repairs. The current system is leaking and is unreliable for another season. Contractor has inspected and recommends replacement.

Project Measurements:

Unit of Measure:	Quantity	Asset
Quantity (#)	1	Boiler System

Project Materials:

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Images



2021 Capital Budget Request Form

Project Name:	Boiler Replacement						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services							
Construction							
Vehicles							
Equipment		19,654					
Non-recoverable HST	-	346	-	-	-	-	-
Total Capital Cost	-	20,000	-	-	-	-	-
<u>Sources of Funding</u>							
Net Tax Levy Impact	-	20,000	-	-	-	-	-

Operating Impact of Capital							
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	Immediate
Consequence of Failure	Freezing will occur if climate is not controlled

2021 Capital Budget Request Form



Project Name:	Roof Replacement	Project No.	2021-FD-03
Functional Class:	Protection Services	Department:	
Asset Category:	Land Improvements		
Location:	Huron Park Station	Project Authorization:	
Estimated Useful Life:	20 Years	Joint Project Lead:	Jeremy Becker

Detailed Project Description:

The roof on the Huron Park Station is at its end of life. The roof is leaking badly into the office and training areas of the building.

Project Rationale:

Replacement of the flat roof on the lower east portion of the building which houses the office and training area approximately 3000 square feet. Should the roof not be replaced, it is likely that the roof will continue to leak causing more water damage and mold compromising both the structural integrity of the building and the health and safety of the staff.

Project Measurements:

Unit of Measure:	Quantity	Asset
Quantity (#)	1	Roof

Project Materials:

Replace existing roof with the same or similar.

Images



2021 Capital Budget Request Form

Project Name:	Roof Replacement						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services							
Construction		39,308					
Vehicles							
Equipment							
Non-recoverable HST	-	692	-	-	-	-	-
Total Capital Cost	-	40,000	-	-	-	-	-
<u>Sources of Funding</u>							
Net Tax Levy Impact	-	40,000	-	-	-	-	-

Operating Impact of Capital							
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	The roof has failed
Consequence of Failure	Compromise structural integrity and health and safety risk

2021 Capital Budget Request Form



Project Name:	Overhead Door Replacement	Project No.	2021-FD-04
Functional Class:	Protection Services	Department:	
Asset Category:	Facilities		
Location:	Exeter Fire Station	Project Authorization:	
Estimated Useful Life:	30 Years	Joint Project Lead:	Jeremy Becker

Detailed Project Description:

Replacement of 5 overhead doors on the Exeter Fire Station.

Project Rationale:

The original doors have exceeded their life span. The current doors do not close properly, are bent and allow snow and rodents into the building, and compromise the building security. The cables have broken in the past and the door safety sensors do not work. This is a health and safety concern for staff and a near miss incident has recently occurred.

Project Measurements:

Unit of Measure:	Quantity	Asset
Quantity (#)	5	Overhead Doors

Project Materials:

Replacing existing doors with same.

Images



2021 Capital Budget Request Form

Project Name:	Overhead Door Replacement						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services							
Construction							
Vehicles							
Equipment		41,274					
Non-recoverable HST	-	726	-	-	-	-	-
Total Capital Cost	-	42,000	-	-	-	-	-
<u>Sources of Funding</u>							
Net Tax Levy Impact	-	42,000	-	-	-	-	-

Operating Impact of Capital							
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	Failure is imminent
Consequence of Failure	Poses health and safety risk to staff and building security.

2021 Capital Budget Request Form



Project Name:	Tube Heater Replacement	Project No.	2021-FD-05
Functional Class:	Protection Services	Department:	
Asset Category:	Facilities		
Location:	Exeter Fire Station	Project Authorization:	
Estimated Useful Life:	30 Years	Joint Project Lead:	Jeremy Becker

Detailed Project Description:

Replacement of the tube heaters in the apparatus bay area of the Exeter Fire Station.

Project Rationale:

The current tube heaters in the Exeter Fire Station are original (30 years old) and are unreliable and frequently do not produce heat. Parts for these 3 units are becoming non existent due to the age of the heaters. It is imperative to replace these units to maintain constant climate control on the apparatus floor.

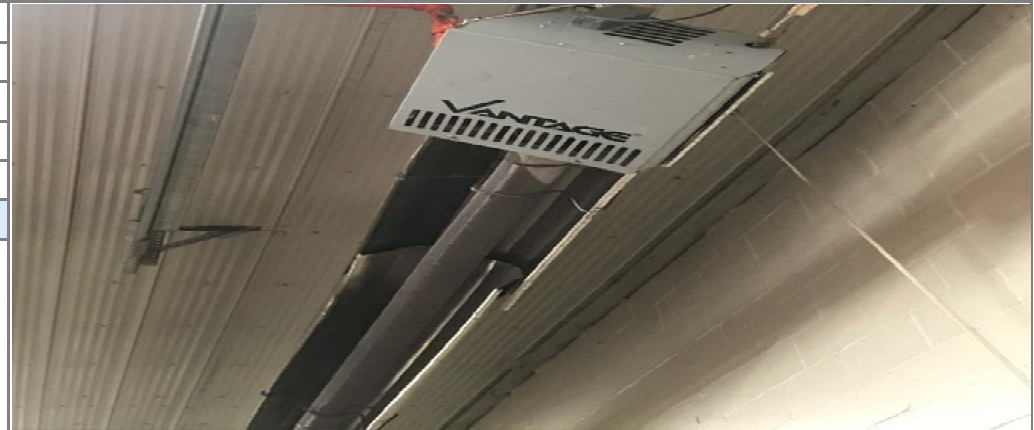
Project Measurements:

Unit of Measure:	Quantity	Asset
Quantity (#)	3	Tube heaters

Project Materials:

Replace with same style.

Images



2021 Capital Budget Request Form

Project Name:	Tube Heater Replacement						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services							
Construction							
Vehicles							
Equipment		14,741					
Non-recoverable HST	-	259	-	-	-	-	-
Total Capital Cost	-	15,000	-	-	-	-	-
<u>Sources of Funding</u>							
Net Tax Levy Impact	-	15,000	-	-	-	-	-

Operating Impact of Capital							
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	Failure has occurred
Consequence of Failure	Pumps and tanks will freeze as they are stored with water ready to fight fires.

2021 Capital Budget Request Form



Project Name:	Auto Extrication Equipment Replacement	Project No.	2021-FD-06
Functional Class:	Protection Services	Department:	
Asset Category:	Equipment		
Location:	Dashwood	Project Authorization:	
Estimated Useful Life:	25 Years	Joint Project Lead:	Jeremy Becker

Detailed Project Description:

Replacement of the current Auto Extrication Equipment, purchasing 1 new pump for Dashwood Station & moving the current pump and 1 combination tool & pump from Dashwood to Huron Park.

Project Rationale:

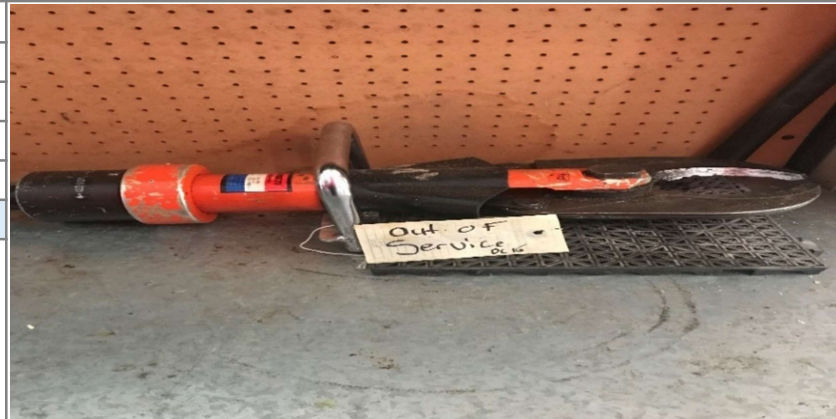
Replacement of the current Auto Extrication Equipment. The current equipment has exceeded its life cycle & is unreliable and has failed. Parts are non existant to find and the pump has failed several times. This equipment was purchased used from Hamilton Fire Services approximately 20 years ago.

Project Measurements:

Unit of Measure:	Quantity	Asset
Quantity (#)	1	Auto Extrication Equipment

Project Materials:

Images



2021 Capital Budget Request Form

Project Name:	Auto Extrication Equipment Replacement						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services							
Construction							
Vehicles							
Equipment		15,723					
Non-recoverable HST	-	277	-	-	-	-	-
Total Capital Cost	-	16,000	-	-	-	-	-
<u>Sources of Funding</u>							
Other:	Bluewater	5,920					
Net Tax Levy Impact	-	10,080	-	-	-	-	-

Operating Impact of Capital							
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	Equipment has failed and is out of service.
Consequence of Failure	Immediate impact to service levels (unable to extricate patients from motor vehicle accidents)

Recreation		2021 Proposed Capital Investment						Forecasted Project Cost (Total \$)			
Facility/Project Name	Project ID	Project Cost	Tax Levy	Grant	Reserve	Debt	Other Sources	2022	2023	2024	2025
SHRC											
SHRC Resurfacer Room Hot Water Boiler Replacement								20,000			
SHRC Hall Roof										180,000	
SHRC Arena Roof											110,000
SHRC Ice Resurfacer											175,000
Stephen Arena											
Stephen Arena Compressor, Shell and Tube Chiller and Surge Drum	2021-RS-01	100,000	100,000								
Stephen Arena BAC Evaporative Condenser								75,000			
Replace Arena Floor								1,100,000			
Stephen Arena Front Door Replacement								12,000			
Stephen Arena Resurfacer Room									310,000		
Stephen Arena Water Heater Replace									22,500		
Stephen Arena - Dasher Boards										300,000	
Stephen Arena - Ice surface glass										50,000	
Stephen Arena parking lot paving										50,000	
Stephen Arena - Arena Roof Replacement											110,000
Stephen Arena Ice Resurfacer											80,000
Stephen Arena Rubber Floor											175,000
KW Pool											
KW Pool House Roof	2021-RS-02	12,500	6,250				6,250				
KW Pool House									250,000		
KW Pool Pump									16,000		
Parks											
Port Blake	2020 carry fwd	276,710			276,710						
SHRC Tennis Courts	2021-RS-03	175,000	175,000								
Lawn Bowling Replace Roof	2021-RS-04	12,500	12,500								
Dashwood Playground Equipment								30,000			
SHRC Playground Equipment									60,000		
Total Recreation Capital		576,710	293,750	-	276,710	-	6,250	1,237,000	658,500	580,000	650,000

2021 Capital Budget Request Form



Project Name:	Stephen Arena Compressor, Shell and Tube Chiller and Surge Drum		Project No.	2021-RS-01
Functional Class:	Recreation & Culture Services	Department:		
Asset Category:	Facilities			
Location:	Stephen Arena	Project Authorization:		
Estimated Useful Life:		Joint Project Lead:	Scott Currie	

Detailed Project Description:

This project would refurbish compressor # 1 and replace the shell and tube chiller and surge drum at the Stephen Arena.

Project Rationale:

This is the last major refurbishment/replacement required inside the refrigeration room at the Stephen Arena. This project includes the refurbishment/tune-up of compressor 1 within the system. It also includes the replacement of the chiller/surge drum. The compressor is not at the end of its life expectancy but is in need of tune-up at this stage in its life. This is the least used compressor with the fewest hours of operation which is why it does not require replacement however, this tune-up should extend the life expectancy of the compressor by 10 years. The chiller and surge drum are past their life expectancy of 25 years and they are deteriorating. This is a required component for operation of the refrigeration plant. New replacements now have a life expectancy of 20 years. All repairs/replacements have been recommended to us by our contractor to ensure operation of the refrigeration plant.

Project Measurements:

Unit of Measure:	Quantity	Asset

Project Materials:

Images



2021 Capital Budget Request Form

Project Name:	Stephen Arena Compressor, Shell and Tube Chiller and Surge Drum						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services							
Construction							
Vehicles							
Equipment		98,270					
Non-recoverable HST	-	1,730	-	-	-	-	-
Total Capital Cost	-	100,000	-	-	-	-	-
<u>Sources of Funding</u>							
Net Tax Levy Impact	-	100,000	-	-	-	-	-

Operating Impact of Capital							
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	Assets is at end of life and in need of repair/replacement, failure is imminent.
Consequence of Failure	Immediate impact on service levels and/or infrastructure as refrigeration plant would be non-operational.

2021 Capital Budget Request Form



Project Name:	Kirkton-Woodham Pool House Roof	Project No.	2021-RS-02
Functional Class:	Recreation & Culture Services	Department:	
Asset Category:	Facilities		
Location:	KWCC	Project Authorization:	
Estimated Useful Life:		Joint Project Lead:	Scott Currie

Detailed Project Description:

This project includes the replacement of the Kirkton-Woodham Community Centre's pool house roof.

Project Rationale:

The pool house roof has exceeded its life expectancy. The roof is leaking and is in disrepair. This building is presently in the forecast for replacement however the roof cannot wait for the pool house to be replaced. Should the roof not be repaired there is the potential for water damage within the building compromising its structural integrity and creating an environment for mold which poses a health risk to the public. The solar panel presently on the roof would have to be removed and would not be able to be reused and may be replaced at the time of a new build.

Project Measurements:

Unit of Measure:	Quantity	Asset
Quantity (#)	1	roof

Project Materials:

Images



2021 Capital Budget Request Form

Project Name:	Kirkton-Woodham Pool House Roof						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services							
Construction		12,284					
Vehicles							
Equipment							
Non-recoverable HST	-	216	-	-	-	-	-
Total Capital Cost	-	12,500	-	-	-	-	-
<u>Sources of Funding</u>							
Other:	Perth South	6,250					
Net Tax Levy Impact	-	6,250	-	-	-	-	-

Operating Impact of Capital							
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	The asset has already failed.
Consequence of Failure	Deterioration of asset including mold which will pose a health risk to staff and members of the public.

2021 Capital Budget Request Form



Project Name:	Port Blake Revitalization	Project No.	2020 Carry Fwd
Functional Class:	General Government	Department:	Recreation
Asset Category:	Facilities		
Location:	Exeter	Project Authorization:	
Estimated Useful Life:		Joint Project Lead:	Scott Currie

Detailed Project Description:

Revitalization work at Port Blake Park completed in 2020 includes a new pavilion roof, installation of a rope fence along bluff and construction of the sun deck. However, some elements of the project were delayed in 2020 due to COVID and ongoing discussions about future property use with the Lake Huron & Elgin Area Primary Water Supply (owners of the property). Staff are recommending that the remaining project funds be carried over into 2021 to complete the accessible washroom and hydro installation, as well as picnic area, parking lot redesign work and garbage collection system enhancements. To modernize the park's service offer, staff are also recommending the installation of an automated fee payment collection system.

Project Rationale:

With the improvements to the Port Blake Beach and Day Park, this area will continue to be viewed as a destination of choice for beach goers. Staff anticipate that future operating costs will be decreased as staff will not be repairing and maintaining outdated facilities and fixtures. The automated payment system proposed is to improve visitor service with a more convenient (cashless) pay-and-display entrance fee while also allowing the redeployment of staff time previously devoted to collecting entrance fees. With a cashless system in place, there is also a reduction in safety risks to staff handling large cash deposits onsite.

Project Measurements:

Unit of Measure:	Quantity	Asset
Quantity (#)		

Images

Project Materials:

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2021 Capital Budget Request Form

Project Name:	Port Blake Revitalization						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Automated pay system		30,000					
Construction		241,920					
Non-recoverable HST	-	4,790	-	-	-	-	-
Total Capital Cost	-	276,710	-	-	-	-	-
<u>Sources of Funding</u>							
Reserve/Reserve Fund:	Parkland	64,000					
Reserve/Reserve Fund:	Working Fund	212,710	Funds from prior years				
Net Tax Levy Impact	-	(0)	-	-	-	-	-

Operating Impact of Capital							
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	N/A
Consequence of Failure	N/A

2021 Capital Budget Request Form



Project Name:	Replace Tennis Courts	Project No.	2021-RS-03
Functional Class:	Recreation & Culture Services	Department:	
Asset Category:	Equipment		
Location:	SHRC	Project Authorization:	
Estimated Useful Life:		Joint Project Lead:	Scott Currie

Detailed Project Description:

This project is to replace the tennis courts located at the SHRC.

Project Rationale:

As a follow-up to 2020 Council discussions as a result of the decomisioning of the previous tennis courts. This project would replace the tennis courts located adjacent to South Huron Elemetry School at the SHRC. For further details please refer to report PW.21.20 - <https://pub-southhuron.escribemeetings.com/filestream.ashx?DocumentId=26739>.

Project Measurements:

Unit of Measure:	Quantity	Asset
Quantity (#)	1	

Project Materials:

Replace existing courts with multi-purpose court space.

Images



2021 Capital Budget Request Form

Project Name:	Replace Tennis Courts						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services							
Construction		171,973					
Vehicles							
Equipment							
Non-recoverable HST	-	3,027	-	-	-	-	-
Total Capital Cost	-	175,000	-	-	-	-	-
<u>Sources of Funding</u>							
Net Tax Levy Impact	-	175,000	-	-	-	-	-

Operating Impact of Capital							
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	N/A
Consequence of Failure	N/A

2021 Capital Budget Request Form



Project Name:	Lawn Bowling Clubhouse Roof	Project No.	2021-RS-04
Functional Class:	Recreation & Culture Services	Department:	
Asset Category:	Facilities		
Location:	Exeter	Project Authorization:	
Estimated Useful Life:		Joint Project Lead:	Scott Currie

Detailed Project Description:

This project includes the replacement of the Lawn Bowling Clubhouse roof.

Project Rationale:

The roof has exceeded its life expectancy. The roof is leaking and is in disrepair. It is staff's recommendation to place steel overtop of the existing roof to maintain the integrity of the roof. Should the roof not be repaired there is the potential for water damage within the building compromising its structural integrity and creating an environment for mold which poses a health risk to the public.

Project Measurements:

Unit of Measure:	Quantity	Asset
Quantity (#)	1	roof

Project Materials:

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Images

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2021 Capital Budget Request Form

Project Name:	Lawn Bowling Clubhouse Roof						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services							
Construction		12,284					
Vehicles							
Equipment							
Non-recoverable HST	-	216	-	-	-	-	-
Total Capital Cost	-	12,500	-	-	-	-	-
<u>Sources of Funding</u>							
Net Tax Levy Impact	-	12,500	-	-	-	-	-

Operating Impact of Capital							
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	The asset has already failed.
Consequence of Failure	Deterioration of asset including mold which will pose a health risk to staff and members of the public.

Transportation			2021 Proposed Capital Projects						Forecasted Project Cost (Total \$)			
Project Name	# km	Project ID	Project Cost	Tax Levy	Grant		Reserve	Other Sources	2022	2023	2024	2025
Parr Line - County Rd 83 to Kirkton Rd	5.7	2021-TS-01	526,099	86,099	440,000							
Plugtown Line - 83 to Kirkton Rd	4	2021-TS-02	420,269	269	420,000							
Union Line - 83 to 23	4.5								562,000			
Parr Line - Kirkton Rd to Mount Carmel	4.4									600,000		
Huron St - Snider Cres to Airport Line	1.2										150,000	
McTaggart Line - 83 to Rodgerville	6										750,000	
Gore Road - 83 to Corbett Line	2											250,000
B Line - Gore Rd to 81	3											375,000
Corbett Line - Cty Rd 10 to 5	4											500,000
Victoria Dr - Centralia to Mt Carmel Dr	1											125,000
Whalen Line - McTaggart to Old Line	5											625,000
Bridge Repairs												
Park Road (Repairs to Structure #3059)		2020 carry fwd	464,359	183,815	112,550	167,994						
Blackbush Line (Repairs to Structure #1028)		2020 carry fwd	212,933	18,885		194,048						
Elimville Line (Repairs to Structure #3034)		2021-TS-03	462,446	87,446	375,000							
Blackbush Line (Repairs to Structure #1024)		2021-TS-04	10,000	10,000					81,408			
Line 17 (Replacement of Structure #3014 - 50% share with West Perth)									12,720	184,186		
South Road (Replacement of Structure #1065)									25,000	447,744		
Huron Street (Repairs to Structure #3044)									20,000	183,168		
Morrison Line (Repairs to Structure #3003)										20,000	305,280	
B Line (Repairs to Structure #1096)										20,000	167,904	
Kirkton Road (Repairs to Structure #1079)											20,000	244,224
B Line (Repairs to Structure #1098)											15,000	96,672
Whalen Line (Repairs to Structure #3061)											10,000	86,496
East of Hwy #4 (Pedestrian bridge in MacNaughton Park) - P3												16,282
East of Hwy #4 (Pedestrian bridge in MacNaughton Park) - P4												6,106
Airport Line (Repairs to Structure #1006)												20,000
Ausable Line (Replacement of Structure #1012)												20,000

Transportation			2021 Proposed Capital Projects						Forecasted Project Cost (Total \$)			
Project Name	# km	Project ID	Project Cost	Tax Levy	Grant		Reserve	Other Sources	2022	2023	2024	2025
Equipment/Rolling Stock												
Replace Single Axle Plow #67		2020-2021	315,000	72,000		243,000						
Replace Trailer with aluminum float trailer		2021-TS-05	15,264	15,264								
Replace Tractor #058		2021-TS-06	106,848	-		106,848						
New Tractor Mounted Stump Grinder									13,229			
Replace Pickup Truck #117									40,000			
Replace Grader #93									550,000			
Replace Loader #97										250,000		
Replace Backhoe #118										180,000		
Replace Single Axle Plow #71											250,000	
Replace Trackless #122											150,000	
Replace Single Axle Plow #72												250,000
Replace Sweeper #106												350,000
Total Transportation Services			2,533,218	473,778	1,347,550	711,890	-	-	1,304,357	1,885,098	1,818,184	2,964,779

2021 Capital Budget Request Form



Project Name:	Parr Line Resurface from County Road 83 to Crediton Road	Project No.	2021-TS-01
Functional Class:	Transportation Services	Department:	
Asset Category:	Roads	Project Authorization:	Don Giberson
Location:	County Road 83 to Crediton Road	Joint Project Lead:	Shane Timmermans
Estimated Useful Life:			

Detailed Project Description:

This project involves padding of existing pavement with HL4 to restore the road cross-section for proper drainage; placing a 40mm HL overlay on the existing surface treated roadway and re-graveling the road shoulders. The project also includes milling the end joints and repaving the intersections.

Project Rationale:

This project is a priority due to the deteriorated condition of the road; improves public safety; reduces the potential for emergency repairs and improves quality of life. If this project is not completed there is the potential for increased maintenance costs; increase liability related to Minimum Maintenance Standards and significantly increased future capital costs due to infrastructure deteriorating beyond rehabilitation.

Project Measurements:

Unit of Measure:	Quantity	Asset
Length of Rd (km)	5.7	Road surface

Project Materials:

Existing LCB will be padded and overlaid with HL4 (HCB).

Images



2021 Capital Budget Request Form

Project Name:	Parr Line Resurface from County Road 83 to Crediton Road						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services		10,000					
Construction		507,000					
Vehicles							
Equipment							
Non-recoverable HST	-	9,099	-	-	-	-	-
Total Capital Cost	-	526,099	-	-	-	-	-
<u>Sources of Funding</u>							
Grant	Gas Tax	440,000					
Net Tax Levy Impact	-	86,099	-	-	-	-	-

Operating Impact of Capital							
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	High probability of failure due to age and condition of existing asset.
Consequence of Failure	Increased maintenance costs; increased potential for emergency repairs and increased future capital costs due to delays in major repairs of existing infrastructure.

2021 Capital Budget Request Form



Project Name:	Plugtown Line Resurface from County Road 83 to Kirkton Road	Project No.	2021-TS-02
Functional Class:	Transportation Services	Department:	
Asset Category:	Roads	Project Authorization:	Don Giberson
Location:	County Road 83 to Kirkton Rd	Joint Project Lead:	Shane Timmermans
Estimated Useful Life:			

Detailed Project Description:

This project involves padding of existing pavement with HL4 to restore the road cross-section for proper drainage; placing a 40mm HL overlay on the existing surface treated roadway and re-graveling the road shoulders. The project also includes milling the end joints and repaving the intersections.

Project Rationale:

This project is a priority due to the deteriorated condition of the road; improves public safety; reduces the potential for emergency repairs and improves quality of life. If this project is not completed there is the potential for increased maintenance costs; increase liability related to Minimum Maintenance Standards and significantly increased future capital costs due to infrastructure deteriorating beyond rehabilitation.

Project Measurements:

Unit of Measure:	Quantity	Asset
Length of Rd (km)	4.3	Road surface

Project Materials:

Existing LCB will be padded and overlaid with HL4 (HCB).

Images



2021 Capital Budget Request Form

Project Name:	Plugtown Line Resurface from County Road 83 to Kirkton Road						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services		10,000					
Construction		403,000					
Vehicles							
Equipment							
Non-recoverable HST	-	7,269	-	-	-	-	-
Total Capital Cost	-	420,269	-	-	-	-	-
<u>Sources of Funding</u>							
Grant	OCIF	420,000					
Net Tax Levy Impact	-	269	-	-	-	-	-

Operating Impact of Capital							
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	High probability of failure due to age and condition of existing asset.
Consequence of Failure	Increased maintenance costs; increased potential for emergency repairs and increased future capital costs due to delays in major repairs of existing infrastructure.

2021 Capital Budget Request Form



Project Name:	Park Road (Repairs to Structure #3059)	Project No.	2020 Carry fwd
Functional Class:	Transportation Services	Department:	
Asset Category:	Bridges & Culverts		
Location:	Usborne Ward	Project Authorization:	Don Giberson
Estimated Useful Life:	75 years	Joint Project Lead:	

Detailed Project Description:

This project involves repairs of Park Road Structure #3059, including repairs to poor concrete of the abutment walls, wing walls, deck top, and soffit; replace barrier, curb and deck drains; place rip rap along footings, as recommended in GMBLuePlan 2018 OSIM Report. This project was engineered in 2020 and construction was deferred to 2021 due to insufficient budget determined by the detailed engineering assessment of the structure. In order to achieve savings in the cost of tendering, project management, inspection and overall construction costs, this project is proposed to be combined with structure #1028.

Project Rationale:

This project is a priority due to the poor condition of the existing structure; improves public safety; reduces the potential for emergency repairs and improves quality of life for area residents. If this project is not completed there is the potential for increased maintenance costs; emergency repairs; and increased future capital costs due to delays in major repairs of existing infrastructure.

Project Measurements:

Unit of Measure:	Quantity	Asset
Quantity (#)	1	culvert

Project Materials:

Repairs to existing structure

Images



2021 Capital Budget Request Form

Project Name:	Park Road (Repairs to Structure #3059)						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services	39,308	44,800					
Construction		411,528					
Vehicles							
Equipment							
Non-recoverable HST	692	8,031	-	-	-	-	-
Total Capital Cost	40,000	464,359	-	-	-	-	-
<u>Sources of Funding</u>							
Grant	Gas tax (2020)	112,550					
Reserve/Reserve Fund:	Tax \$ (2020)	167,994					
Net Tax Levy Impact	40,000	183,815	-	-	-	-	-

Operating Impact of Capital							
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	High probability of failure due to age and condition of existing asset
Consequence of Failure	Increased maintenance costs; increased potential for emergency repairs and increased future capital costs due to delays in major repairs of existing infrastructure.

2021 Capital Budget Request Form



Project Name:	Blackbush Line (Repairs to Structure #1028)	Project No.	2020 Cary fwd
Functional Class:	Transportation Services	Department:	
Asset Category:	Bridges & Culverts		
Location:	Stephen Ward	Project Authorization:	Don Giberson
Estimated Useful Life:	75 years	Joint Project Lead:	

Detailed Project Description:

This project involves engineering for the future repairs of Blackbush Line Structure #1028, including repairs to poor concrete of the abutment walls, soffit; clean and paint girders; replace barrier; install bearing pads, as recommended in GMBLuePlan 2018 OSIM Report. This project was engineered in 2020 and construction was deferred to 2021 due to insufficient budget determined by the detailed engineering assessment of the structure. In order to achieve savings in the cost of tendering, project management, inspection and overall construction costs, this project is proposed to be combined with structure #3059.

Project Rationale:

This project is a priority due to the poor condition of the existing structure; improves public safety; reduces the potential for emergency repairs and improves quality of life for area residents. If this project is not completed there is the potential for increased maintenance costs; emergency repairs; and increased future capital costs due to delays in major repairs of existing infrastructure.

Project Measurements:

Unit of Measure:	Quantity	Asset
Quantity (#)	1	culvert

Project Materials:

Repairs to existing structure

Images



2021 Capital Budget Request Form

Project Name:	Blackbush Line (Repairs to Structure #1028)						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services	40,000	26,400					
Construction		182,850					
Vehicles							
Equipment							
Non-recoverable HST	704	3,683	-	-	-	-	-
Total Capital Cost	40,704	212,933	-	-	-	-	-
<u>Sources of Funding</u>							
Reserve/Reserve Fund:	Tax \$ (2020)	194,048					
Net Tax Levy Impact	40,704	18,885	-	-	-	-	-

Operating Impact of Capital							
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	High probability of failure due to age and condition of existing asset
Consequence of Failure	Increased maintenance costs; increased potential for emergency repairs and increased future capital costs due to delays in major repairs of existing infrastructure.

2021 Capital Budget Request Form



Project Name:	Elimville Line (Repairs to Structure #3034)	Project No.	2021-TS-03
Functional Class:	Transportation Services	Department:	
Asset Category:	Bridges & Culverts		
Location:	Usborne Ward	Project Authorization:	Don Giberson
Estimated Useful Life:	75 years	Joint Project Lead:	

Detailed Project Description:

This project involves repairs of Elimville Line Structure #3034, including repairs to poor concrete of the abutment walls, deck top, and soffit; replace barrier, curbs and deck drains; waterproof and repave structure; place rip rap along footings, as recommended in GMBLuePlan 2020 OSIM Report.

Project Rationale:

This project is a priority due to the poor condition of the existing structure; improves public safety; reduces the potential for emergency repairs and improves quality of life for area residents. If this project is not completed there is the potential for increased maintenance costs; emergency repairs; and increased future capital costs due to delays in major repairs of existing infrastructure.

Project Measurements:

Unit of Measure:	Quantity	Asset
Quantity (#)	1	culvert

Project Materials:

Repairs to existing structure

Images



2021 Capital Budget Request Form

Project Name:	Elimville Line (Repairs to Structure #3034)						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services		44,300					
Construction		410,148					
Vehicles							
Equipment							
Non-recoverable HST	-	7,998	-	-	-	-	-
Total Capital Cost	-	462,446	-	-	-	-	-
<u>Sources of Funding</u>							
Grant	OCIF	375,000					
Net Tax Levy Impact	-	87,446	-	-	-	-	-

Operating Impact of Capital							
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	High probability of failure due to age and condition of existing asset
Consequence of Failure	Increased maintenance costs; increased potential for emergency repairs and increased future capital costs due to delays in major repairs of existing infrastructure.

2021 Capital Budget Request Form



Project Name:	Blackbush Line (Repairs to Structure #1024)	Project No.	2021-TS-04
Functional Class:	Transportation Services	Department:	
Asset Category:	Bridges & Culverts		
Location:	Stephen Ward	Project Authorization:	Don Giberson
Estimated Useful Life:	75 years	Joint Project Lead:	

Detailed Project Description:

This project involves engineering for future repairs of Blackbush Line Structure #1024, including repairs to poor concrete of the culvert barrel, remove trees and stabilize eroded embankments, place rip rap along footings, as recommended in GMBLuePlan 2018 OSIM Report.

Project Rationale:

This project is a priority due to the poor condition of the existing structure; improves public safety; reduces the potential for emergency repairs and improves quality of life for area residents. If this project is not completed there is the potential for increased maintenance costs; emergency repairs; and increased future capital costs due to delays in major repairs of existing infrastructure.

Project Measurements:

Unit of Measure:	Quantity	Asset
Quantity (#)	1	culvert

Project Materials:

Repairs to existing structure

Images



2021 Capital Budget Request Form

Project Name:	Blackbush Line (Repairs to Structure #1024)						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services		9,827	10,000				
Construction			70,000				
Vehicles							
Equipment							
Non-recoverable HST	-	173	1,408	-	-	-	-
Total Capital Cost	-	10,000	81,408	-	-	-	-
<u>Sources of Funding</u>							
Net Tax Levy Impact	-	10,000	81,408	-	-	-	-

Operating Impact of Capital							
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	High probability of failure due to age and condition of existing asset
Consequence of Failure	Increased maintenance costs; increased potential for emergency repairs and increased future capital costs due to delays in major repairs of existing infrastructure.

2021 Capital Budget Request Form



Project Name:	Replace Tandem Plow #67	Project No.	2020-2021
Functional Class:	Transportation Services	Department:	Roads
Asset Category:	Equipment		
Location:		Project Authorization:	Don Giberson
Estimated Useful Life:	15	Project Lead:	Shane Timmermans

Detailed Project Description:

This project involves the normal life cycle replacement of vehicle #67 2005 Mack Tandem Axle Plow Truck. The truck has reached its anticipated 15 year useful life. A portion of the cost of this vehicle (ie. \$173,000) was approved in the 2020 Transportation Services Capital Budget and the balance was to be proposed in the 2021 Capital Budget. The tender for the replacement of this vehicle closes on October 28, 2020. The award of the contract to the low bidder will be held until the 2021 Captil Budget is approved to ensure that all funding is approved by Council before the order is placed. This approach was taken due to long delivery time for this type of equipment and to ensure that the replacment vehicle will be received before the 2021/2022 winter season.

Project Rationale:

This project is a normal life cycle replacement and is a priority due to the poor condition of the existing equipment. If this equipment is not replaced it continues to age, increasing maintenance costs; the potential for emergency repairs; impacting service levels and potentially Minimum Maintenance Standards.

Project Measurements:

Unit of Measure:	Quantity	Asset
Quantity (#)		

Project Materials:

Direct Replacement.

Images



2021 Capital Budget Request Form

Project Name:	Replace Tandem Plow #67						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services							
Construction							
Vehicles		309,552					
Equipment							
Non-recoverable HST		5,448	-		-	-	-
Total Capital Cost		315,000	-		-	-	-
<u>Sources of Funding</u>							
Reserve/Reserve Fund:	2020 \$Tax	173,000					
Transportation Capital Repl Reserve		70,000					
Net Tax Levy Impact	-	72,000	-	-	-	-	-

Operating Impact of Capital							
	No incremental operating impacts anticipated.						
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	High probability of failure due to age and condition of existing asset.
Consequence of Failure	Increased maintenance costs; increased potential for emergency repairs, reducing service levels and potentially Minimum Maintenance Standards.

2021 Capital Budget Request Form



Project Name:	Replace Unit #31 14ft Construction Trailer	Project No.	2021-TS-05
Functional Class:	Transportation Services	Department:	
Asset Category:	Rolling Stock		
Location:	Various	Project Authorization:	Shane Timmermans
Estimated Useful Life:	20 years	Joint Project Lead:	

Detailed Project Description:

This project is to replace Unit #31 a 1989 homebuilt 14 construcion trailer with a comparable aluminium float trailer to transport the trackless machine and other small equipment to various locations within the Municipality.

Project Rationale:

The existing construction trailer is beyond it's useful life, in poor condition and requires replacement. The trackless machine (sidewalk plow) is currently driven from the Usborne Yard to various locations within the municipality. The purchase of a float trailer to replace the existing 14ft construction trailer will increase operational efficiency, reduce excessive equipment wear, thereby reducing operating/repair costs and improving customer service.

Project Measurements:

Unit of Measure:	Quantity	Asset
Quantity (#)	1	equipment

Project Materials:

Aluminium Float Trailer

Images



2021 Capital Budget Request Form

Project Name:	Replace Unit #31 14ft Construction Trailer						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services							
Construction							
Vehicles							
Equipment		15,000					
Non-recoverable HST	-	264	-	-	-	-	-
Total Capital Cost	-	15,264	-	-	-	-	-
<u>Sources of Funding</u>							
Net Tax Levy Impact	-	15,264	-	-	-	-	-

Operating Impact of Capital							
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	N/A
Consequence of Failure	N/A

2021 Capital Budget Request Form



Project Name:	Replace #58 New Holland Tractor and #152 John Deere Tractor		Project No.	2021-TS-06
Functional Class:	Transportation Services	Department:		
Asset Category:	Rolling Stock			
Location:	Various	Project Authorization:		
Estimated Useful Life:	20 years			
		Joint Project Lead:	Shane Timmermans	

Detailed Project Description:

This project involves the replacement of Unit #58 a 2002 New Holland tractor/loader and Unit #152 a 2018 John Deere tractor with a single tractor/loader suitable for all tasks in Transportation Services. The 2002 New Holland tractor/loader would be disposed of on GovDeals in accordance with Municipal Policy and the 2018 John Deere tractor would be traded-in as part of the purchase of a single tractor/loader.

Project Rationale:

The 2002 New Holland tractor/loader is nearing the end of its useful life (2022) and is a priority for replacement due to the poor condition and high maintenance costs. If this equipment is not replaced it will continue to age, increasing repair/maintenance costs; potential for emergency repairs; impacting service levels and potentially Minimum Maintenance Standards. The 2018 John Deere tractor is under powered and has no front loader or front PTO for snow removal, limiting its' operational flexibility. In order to maximize the efficiency of the Transportation Services fleet, the department is proposing to reduce the number of tractor/loaders to a single unit, providing the single unit is adequately sized and equipped. The John Deere tractor is still relatively new and has good trade-in value (approx. \$70,000) making this proposed change economically viable. The tractor's primary use is roadside grass cutting and this activity is seasonal and for a relatively short duration. For those times when the grass cutting season was extended, the Environmental Services Department Kobota tractor can be utilized, further optimizing the fleet.

Project Measurements:

Unit of Measure:	Quantity	Asset
Quantity (#)	1	

Project Materials:

This project includes the replacement with a similar unit.

Images



2021 Capital Budget Request Form

Project Name:	Replace #58 New Holland Tractor and #152 John Deere Tractor						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services							
Construction							
Vehicles		105,000					
Equipment							
Non-recoverable HST	-	1,848	-	-	-	-	-
Total Capital Cost	-	106,848	-	-	-	-	-
<u>Sources of Funding</u>							
Transportation Capital Repl Reserve		106,848					
Net Tax Levy Impact	-	-	-	-	-	-	-

Operating Impact of Capital							
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	High probability of failure due to age and condition of existing asset.
Consequence of Failure	Increased maintenance costs; increased potential for emergency repairs and reduction in service levels.

Project Name	# of km	Project ID	Project Cost					Project Funding						Forecasted Project Cost (Total \$)			
			Total	Roads	Storm	Water	Sewer	Tax Levy	Grant	Roads/ Storm Reserve	Water/ Sewer Reserve	Water/ Sewer Fees	Other Sources	2022	2023	2024	2025
Sherwood Crescent Reconstruction (Top Asphalt) - <i>Tendered costs</i>	0.60		81,869	18,600	22,075	15,399	25,795	40,675			41,194						
				Future Project Cost Breakdown													
<i>Future Projects</i>				Roads	Storm	Water	Sewer										
Waterloo Street Reconstruction - <i>BM</i> Ross estimates	0.61		1,563,875	672,763	213,561	532,838	144,713							1,615,467	85,987		
William Street Reconstruction (Anne to Sanders) - <i>GMBP estimates</i>	0.30		1,260,831	185,851	381,395	334,637	358,949								1,260,831	44,978	
Kingscourt Cres Reconstruction (Pryde Blvd to end) - <i>Don's estimates</i>	0.28		1,145,200	173,600	355,600	280,000	336,000								76,320		1,260,831
Main Street North Reconstruction (Thames Rd to Walper St) - <i>Don's estimates</i>	0.24		1,053,600	148,800	304,800	240,000	360,000							100,000		1,053,600	
Thames Road West Reconstruction (Main Street N to West town limit) - <i>Don's estimates</i>	0.42		1,843,800	260,400	533,400	420,000	630,000							110,000		1,843,800	
Victoria St E Reconstruction (Main to SHRC) - <i>Don's estimates</i>	0.24		981,600	148,800	304,800	240,000	288,000										53,424
Total Combined Services 2021 Capital			1,645,744	691,363	235,636	548,237	170,508	40,675	-	-	41,194	-	-	-	-	-	-

2021 Capital Budget Request Form



Project Name:	Sherwood Crescent Reconstruction (Pryde to Pryde) - top asphalt	Project No.	2021-CS-01
Functional Class:	Transportation Services	Department:	
Asset Category:	Roads		
Location:		Project Authorization:	Don Giberson
Estimated Useful Life:	20 years	Joint Project Lead:	

Detailed Project Description:

Reconstruction of Sherwood Crescent was completed in 2020 with top asphalt planned in 2021.

Project Rationale:

The top asphalt was tendered as part of the reconstruction project in 2020 but planned to be placed the following year to allow any minor settlements to occur over the winter season.

Project Measurements:

Unit of Measure:	Quantity	Asset
Length of Rd (km)	600	road

Project Materials:

Same for same

Images

2021 Capital Budget Request Form

Project Name:	Sherwood Crescent Reconstruction (Pryde to Pryde) - top asphalt						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services		7,000					
Construction		73,452					
Vehicles							
Equipment							
Non-recoverable HST	-	1,417	-	-	-	-	-
Total Capital Cost	-	81,869	-	-	-	-	-
<u>Sources of Funding</u>							
Water Capital Repl Reserve		15,399					
Sewers Capital Repl Reserve		25,795					
Net Tax Levy Impact	-	40,675	-	-	-	-	-

Operating Impact of Capital							
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	High
Consequence of Failure	Moderate

Water Services		2021 Proposed Capital Investment						Forecasted Project Cost (Total \$)			
Project Name	Project ID	Project Cost	User Fees	Grant	Reserve	Debt	Other Sources	2022	2023	2024	2025
Meter Replacement Program (250 meters)	2021-W-01	250,000			250,000			250,000	250,000	250,000	250,000
Control Chamber at Hwy#21 and Gore Road	2021-W-02	377,710			377,710						
Gravelle, Eva, Kingsmere watermain replacement (150mm)	2021-W-03	343,404			343,404						
Sunnyside and Maplegrove watermain replacement (150mm)	2021-W-04	289,115			289,115						
Rechlorination system at MacNaughton Reservoir & BPS	2021-W-05	406,740			406,740						
Huron Street 150mm watermain replacement (Town Limit to Usborne Yard)	2021-W-06	25,000			25,000			411,731			
Replace #132 - 2015 Utility Dump Trailer	2021-W-07	12,000			12,000						
Blackbush Line 100mm watermain replacement (Crediton Rd to Dashwood Rd)	2021-W-08	25,000			25,000			928,500			
Highway #21 watermain replacement (250mm)								2,192,000			
Mollard Line 100mm watermain replacement (Grand Bend Line to South Road)								25,000		813,000	
Replace #136 - 2015 Main Break Trailer								20,000			
Bronson Line 200mm watermain replacement (Crediton Rd to Huron St)								25,000		992,400	
Grand Bend Line 100mm watermain replacement (POG to Greenway Road)								25,000			834,300
250mm (B-Line-POG)										25,000	441,000
Road to Corbett Line)											25,000
Gore Road)											25,000
Total Water		1,728,969	-	-	1,728,969	-	-	2,487,000	1,640,231	2,080,400	1,575,300

2021 Capital Budget Request Form



Project Name:	Meter Replacement Program	Project No.	2021-W-01
Functional Class:	Environmental Services	Department:	Water
Asset Category:	Water System		
Location:		Project Authorization:	Don Giberson
Estimated Useful Life:	15 years	Joint Project Lead:	Shawn Young

Detailed Project Description:

This is the normal life cycle replacement of water meters in accordance with the asset management program and recommended best practice. Meters will be replaced by our own forces and coordinated by the ESD Department Administration Staff.

Project Rationale:

This project is a priority due to the age and condition of water meters; reduces the potential for emergency failures and increases revenue. Water meters are a mechanical device that deteriorate with long term use and under register water consumption as they wear/age. This is a priority in the Asset Management Plan as the meters proposed to be replaced are already beyond their service life.

Project Measurements:

Unit of Measure:	Quantity	Asset
Quantity (#)	100	water meter

Project Materials:

Replace existing direct read meters with AMR compatible meters

Images



2021 Capital Budget Request Form

Project Name:	Meter Replacement Program						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services							
Construction	245676	245676	245676	245676	245676	245676	245676
Vehicles							
Equipment							
Non-recoverable HST	4,324	4,324	4,324	4,324	4,324	4,324	4,324
Total Capital Cost	250,000	250,000	250,000	250,000	250,000	250,000	250,000
<u>Sources of Funding</u>							
Water Capital Repl Reserve	250,000	250,000	250,000	250,000	250,000	250,000	250,000
Net Tax Levy Impact	(0)	(0)	(0)	(0)	(0)	(0)	(0)

Operating Impact of Capital							
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	Meters wear down over time but generally do not fail.
Consequence of Failure	If this project is not completed there is the potential for increased maintenance costs and lost revenue.

2021 Capital Budget Request Form



Project Name:	Control Chamber at Hwy#21 and Gore Road	Project No.	2021-W-02
Functional Class:	Environmental Services	Department:	Water
Asset Category:	Water System		
Location:	Stephen Ward	Project Authorization:	Don Giberson
Estimated Useful Life:	75 years	Joint Project Lead:	Shawn Young

Detailed Project Description:

This project involves the installation of a pressure reducing /metering chamber on the Highway #21 watermain south of the feedermain on Gore Road. This chamber will assist in reducing non-revenue water by reducing the operating pressure in the lakeshore area. A meter at this location will eliminate the current deduct meter at Gore road & B-Line and simplify the LHPWSS billing process.

Project Rationale:

This project is a priority due to the high water loss in the lakeshore area due to high pressures near the water treatment plant and the difficulty of Locating leaks in the sandy soil in this area. The schedule is also accelerated due to pending intersection work by the MTO at Highway #21 and Huron County Road #83.

Project Measurements:

Unit of Measure:	Quantity	Asset
Quantity (#)	1	Pressure reducing / meter chamber

Project Materials:

Installation of precast concrete chamber

Images



2021 Capital Budget Request Form

Project Name:	Control Chamber at Hwy#21 and Gore Road						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services		19,677					
Construction		351,500					
Vehicles							
Equipment							
Non-recoverable HST	-	6,533	-	-	-	-	-
Total Capital Cost	-	377,710	-	-	-	-	-
<u>Sources of Funding</u>							
Water Capital Repl Reserve		377,710	-				
Net Tax Levy Impact	-	-	-	-	-	-	-

Operating Impact of Capital							
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	High risk of failure due to leaks' main breaks; and public health risk associated with bacteriological contamination
Consequence of Failure	If this project is not completed there is the potential for increased water loss, leaks and main breaks.

2021 Capital Budget Request Form



Project Name:	Gravelle, Eva, Kingsmere watermain replacement	Project No.	2021-W-03
Functional Class:	Environmental Services	Department:	Water
Asset Category:	Water System		
Location:	Stephen Ward	Project Authorization:	Don Giberson
Estimated Useful Life:	75 years	Joint Project Lead:	Shawn Young

Detailed Project Description:

This project involves the replacement and upgrade of an existing watermain in the lakefront cottage area, as part of an asset management plan and as recommended in the Water & Wastewater Master Plan. This is a stand-alone project, with work predominately off the traveled portion of the roadway, using trenchless technology and minimal road cuts.

Project Rationale:

This project is a priority due to the poor condition of the watermain; improves public health & safety; reduces the potential for emergency failures, associated contamination and improves quality of life. If this project is not completed there is the potential for increased maintenance costs; increased liability and reduced useful life of the infrastructure.

Project Measurements:

Unit of Measure:	Quantity	Asset
Pipe size (mm)	940m	100mm watermain pipe

Project Materials:

Replace existing Series 160 PVC pipe with C900 PVC pipe

Images



2021 Capital Budget Request Form

Project Name:	Gravelle, Eva, Kingsmere watermain replacement						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services	24,568	17,440					
Construction		320,025					
Vehicles							
Equipment							
Non-recoverable HST	432	5,939	-	-	-	-	-
Total Capital Cost	25,000	343,404	-	-	-	-	-
<u>Sources of Funding</u>							
Water Capital Repl Reserve	25,000	343,404	-				
Net Tax Levy Impact	0	-	-	-	-	-	-

Operating Impact of Capital							
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	The asset has a high risk of failure due to leaks main breaks; and a high public health risk associated with bacteriological contamination
Consequence of Failure	If this project is not completed there is the potential for increased maintenance costs; increased liability and reduced useful life of the infrastructure.

2021 Capital Budget Request Form



Project Name:	Sunnyside and Maplegrove watermain replacement	Project No.	2021-W-04
Functional Class:	Environmental Services	Department:	Water
Asset Category:	Water System		
Location:	Stephen Ward	Project Authorization:	Don Giberson
Estimated Useful Life:	75 years	Joint Project Lead:	Shawn Young

Detailed Project Description:

This project involves the replacement and upgrade of an existing watermain in the lakefront cottage area, as part of an asset management plan and as recommended in the Water & Wastewater Master Plan. This is a stand-alone project, with work predominately off the traveled portion of the roadway, using trenchless technology and minimal road cuts.

Project Rationale:

This project is a priority due to the poor condition of the watermain; improves public health & safety; reduces the potential for emergency failures, associated contamination and improves quality of life. If this project is not completed there is the potential for increased maintenance costs; increased liability and reduced useful life of the infrastructure.

Project Measurements:

Unit of Measure:	Quantity	Asset
Pipe size (mm)	975m	100mm watermain pipe

Project Materials:

Replace existing Series 160 PVC pipe with C900 PVC pipe

Images



2021 Capital Budget Request Form

Project Name:	Sunnyside and Maplegrove watermain replacement						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services	24,568	17,440					
Construction		266,675					
Vehicles							
Equipment							
Non-recoverable HST	432	5,000	-	-	-	-	-
Total Capital Cost	25,000	289,115	-	-	-	-	-
<u>Sources of Funding</u>							
Water Capital Repl Reserve	25,000	289,115	-				
Net Tax Levy Impact	0	-	-	-	-	-	-

Operating Impact of Capital							
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	The asset has a high risk of failure due to leaks main breaks; and a high public health risk associated with bacteriological contamination
Consequence of Failure	If this project is not completed there is the potential for increased maintenance costs; increased liability and reduced useful life of the infrastructure.

2021 Capital Budget Request Form



Project Name:	MacNaughton BPS Rechlorination System	Project No.	2021-W-05
Functional Class:	Environmental Services	Department:	Water
Asset Category:	Water System		
Location:	Exeter	Project Authorization:	Don Giberson
Estimated Useful Life:		Joint Project Lead:	Shawn Young

Detailed Project Description:

This project involves the installation of a sodium hypochlorite (liquid) re-chlorination system, including the installation of an online chlorine analyzer and SCADA integration. The project also includes the installation of a 15HP recirculation pump and a "Tideflex" mixing system in the reservoir to circulate the water and mix the water in the reservoirs after injection of chlorine, in order to ensure water quality before discharging into the distribution system.

Project Rationale:

This project is a priority as re-chlorination capabilities are required at the MacNaughton Booster Pumping Station and Reservoirs in order to maintain the chlorine residual at this critical location. There is a large volume of water stored at this location and is vital to keep the chlorine residual in regulatory compliance. Currently any required re-chlorination is carried out manually. This method is difficult to control and has a higher associated risk.

Project Measurements:

Unit of Measure:	Quantity	Asset
Quantity (#)	1	Rechlorination system, recirculation pump and mixing

Project Materials:

Rechlorination system, recirculation pump and mixing system.

Images



2021 Capital Budget Request Form

Project Name:	MacNaughton BPS Rechlorination System						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services	24,568	24,055					
Construction		375,650					
Vehicles							
Equipment							
Non-recoverable HST	432	7,035	-	-	-	-	-
Total Capital Cost	25,000	406,740	-	-	-	-	-
<u>Sources of Funding</u>							
Water Capital Repl Reserve	25,000	406,740	-				
Net User Fee Impact	0	-	-	-	-	-	-

Operating Impact of Capital							
Supplies		100					
Utilities		200					
Total Operating Impact		300	-	-	-	-	

Project Consequences	
Probability of Failure	High risk
Consequence of Failure	Regulatory non-compliance and reduced availability of water in an emergency.

2021 Capital Budget Request Form



Project Name:	Huron Street Watermain Replacement (Town Limit to Usborne Yard)	Project No.	2021-W-06
Functional Class:	Environmental Services	Department:	Water
Asset Category:	Water System		
Location:		Project Authorization:	Don Giberson
Estimated Useful Life:	75 years	Joint Project Lead:	Shawn Young

Detailed Project Description:

This project involves the engineering for the future replacement and upgrade of an existing watermain on Huron Street East from the Exeter east town limit to the Usborne Yard, as part of an asset management plan and as recommended in the Water & Wastewater Master Plan. This is a stand-alone project, with work predominately off the traveled portion of the roadway, using trenchless technology and minimal road cuts.

Project Rationale:

This project is a priority due to the poor condition of the watermain; improves public health & safety; reduces the potential for emergency failures, associated contamination and improves quality of life. If this project is not completed there is the potential for increased maintenance costs; increased liability and reduced useful life of the infrastructure.

Project Measurements:

Unit of Measure:	Quantity	Asset
Pipe size (mm)	2030m	150mm watermain pipe

Project Materials:

Replace existing Series 160 PVC pipe with C900 PVC pipe

Images



2021 Capital Budget Request Form

Project Name:	Huron Street Watermain Replacement (Town Limit to Usborne Yard)						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services		24,568	25,000				
Construction			379,610				
Vehicles							
Equipment							
Non-recoverable HST	-	432	7,121	-	-	-	-
Total Capital Cost	-	25,000	411,731	-	-	-	-
<u>Sources of Funding</u>							
Water Capital Repl Reserve		25,000	411,731				
Net Tax Levy Impact	-	-	-	-	-	-	-

Operating Impact of Capital							
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	The asset has a high risk of failure due to leaks main breaks; and a high public health risk associated with bacteriological contamination
Consequence of Failure	If this project is not completed there is the potential for increased maintenance costs; increased liability and reduced useful life of the infrastructure.

2021 Capital Budget Request Form



Project Name:	Replace #132 - 2015 Utility Dump Trailer	Project No.	2021-W-07
Functional Class:	Environmental Services	Department:	Water
Asset Category:	Water System		
Location:		Project Authorization:	Don Giberson
Estimated Useful Life:		Joint Project Lead:	Shawn Young

Detailed Project Description:

This project is the replacement of an existing light duty utility dump trailer with a similar unit.

Project Rationale:

This project is a priority due the age and condition of the unit. The utility dump trailer was vandalized and hydraulic components stolen in 2020 while the unit was stored in the locked, fenced compound at the rear of the Environmental Services Yard, 82 Nelson Street, Exeter. The repair cost was less than the insurance deductible limit and more than the value of the unit in it's current condition. Accordingly, the unit was not repaired; but proposed for replacement.

Project Measurements:

Unit of Measure:	Quantity	Asset
Quantity (#)	1	Utility Dump Trailer

Images

Project Materials:

Valve Maintenance Trailer

2021 Capital Budget Request Form

Project Name:	Replace #132 - 2015 Utility Dump Trailer						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services							
Construction							
Vehicles							
Equipment		11,792					
Non-recoverable HST	-	208	-	-	-	-	-
Total Capital Cost	-	12,000	-	-	-	-	-
<u>Sources of Funding</u>							
Water Capital Repl Reserve		12,000	-				
Net User Fee Impact	-	-	-	-	-	-	-

Operating Impact of Capital							
No adverse operating impacts anticipated.							
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	High
Consequence of Failure	Negatively impacts work efficiency and/or increases costs due to contracting this service.

2021 Capital Budget Request Form



Project Name:	Blackbush Line Watermain Replacement (Crediton Road to Dashwood Rd)		Project No.	2021-W-08
Functional Class:	Environmental Services	Department:	Water	
Asset Category:	Water System			
Location:		Project Authorization:	Don Giberson	
Estimated Useful Life:	75 years		Joint Project Lead:	Shawn Young

Detailed Project Description:

This project involves the engineering for the future replacement and upgrade of an existing watermain on Blackbush Line from Crediton Road to Dashwood Road, as part of an asset management plan and as recommended in the Water & Wastewater Master Plan. This is a stand-alone project, with work predominately off the traveled portion of the roadway, using trenchless technology and minimal road cuts.

Project Rationale:

This project is a priority due to the poor condition of the watermain; improves public health & safety; reduces the potential for emergency failures, associated contamination and improves quality of life. If this project is not completed there is the potential for increased maintenance costs; increased liability and reduced useful life of the infrastructure.

Project Measurements:

Unit of Measure:	Quantity	Asset
Pipe size (mm)	6190m	100mm watermain pipe

Project Materials:

Replace existing Series 160 PVC pipe with C900 PVC pipe

Images



2021 Capital Budget Request Form

Project Name:	Blackbush Line Watermain Replacement (Crediton Road to Dashwood Road)						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services		24,568	25,000				
Construction			887,441				
Vehicles							
Equipment							
Non-recoverable HST	-	432	16,059	-	-	-	-
Total Capital Cost	-	25,000	928,500	-	-	-	-
<u>Sources of Funding</u>							
Water Capital Repl Reserve		25,000	928,500				
Net Tax Levy Impact	-	-	-	-	-	-	-

Operating Impact of Capital							
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	The asset has a high risk of failure due to leaks main breaks; and a high public health risk associated with bacteriological contamination
Consequence of Failure	If this project is not completed there is the potential for increased maintenance costs; increased liability and reduced useful life of the infrastructure.

Sewer		2021 Proposed Capital Projects						Forecasted Project Cost (Total \$)			
Project Name	Project ID	Project Cost	User Fees	Grant	Reserve	Debt	Sources	2022	2023	2024	2025
William Street SPS Forcemain Replacement (GEXR to Lagoons)	2021-S-01	25,000			25,000			282,689			
Sewage Lagoon Filter Building Pumping Station	2021-S-02	65,000			65,000			914,520			
Sewage Lagoon UV Disinfection System	2021-S-03	45,000			45,000						748,500
Main Street Sewer Easement Rehabilitation	2021-S-04	50,000			50,000			50,000	50,000	50,000	50,000
Huron Park Sanitary Sewage Pumping Station Upgrades	2021-S-05	75,000			75,000				1,490,907		
Grand Bend Trunk Sewer Phase 1	2020 carry fwd	1,600,230			1,600,230						
Sewage Lagoon Sand Filters Rehabilitation										880,424	880,424
Kubota Tractor #133											50,000
Crediton Sanitary Sewage Pumping Station Upgrades											30,000
Grand Bend Trunk Sewer Phase 2 (Indian Road to Oakwood SPS)											100,000
Removal of Sludge from the Exeter Lagoons											30,000
Sewage lagoon Blower Building Upgrades											30,000
Total Sewer Capital		1,860,230	-	-	1,860,230	-	-	1,247,209	1,540,907	930,424	1,918,924

2021 Capital Budget Request Form



Project Name:	William Street SPS Forcemain Replacement (GEXR to Lagoons)	Project No.	2021-S-01
Functional Class:	Environmental Services	Department:	Sewer
Asset Category:	Sanitary Sewer System		
Location:	Exeter	Project Authorization:	Don Giberson
Estimated Useful Life:	75 years	Joint Project Lead:	Shawn Young

Detailed Project Description:

This project involves the replacement and twinning of the 350mm AC (asbestos cement) sanitary forcemain pipe from the east side of the GEXR railway to the Exeter Sewage Lagoons. This is the continuation of the forcemain replacement work carried out in 2020 in conjunction with the William Street Sewage Pumping Station Upgrades. The forcemain crosses the GEXR railway ROW and is located within an easement on the HDC property west of the GEXR railway. The installation involves a "jack & bore" and steel casing under the GEXR railway ROW which requires their approval.

Project Rationale:

This project is a priority due to the age, condition and original pipe material of the existing sanitary forcemain pipe from the William Street Sewage Pumping Station to the Exeter Sewage Lagoon. The recently completed William Street Sewage Pumping Station Upgrades requires the forcemain to be twinned in order to realize the full operation efficiency of this new facility. A portion of the forcemain was replaced under cell #1 and Cell #2 of the sewage lagoon in 1999 and this proposed project completes the replacement of this 1960's vintage pipe. If this project is not completed there is the potential for increased maintenance costs, property damage and environmental liability.

Project Measurements:

Unit of Measure:	Quantity	Asset
Pipe size (mm)	630	350mm sanitary forcemain pipe

Images

Project Materials:

Existing asbestos cement sanitary forcemain pipe will be replaced with polyethylene or PVC pipe.

2021 Capital Budget Request Form

Project Name:	William Street SPS Forcemain Replacement (GEXR to Lagoons)						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services	16,650	24,568	45,000				
Construction	254,209		232,800				
Vehicles							
Equipment							
Non-recoverable HST	4,767	432	4,889	-	-	-	-
Total Capital Cost	275,626	25,000	282,689	-	-	-	-
<u>Sources of Funding</u>							
Sewers Capital Repl Reserve		25,000	282,689				
Net Tax Levy Impact	275,626	-	-	-	-	-	-

Operating Impact of Capital							
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	High risk of failure due to age and condition of existing infrastructure.
Consequence of Failure	Catastrophic as this asset is vitally important to the operation of the wastewater system and failure will result in environmental liability.

2021 Capital Budget Request Form



Project Name:	Sewage Lagoon Filter Building Pumping Station Upgrade	Project No.	2021-S-02
Functional Class:	Environmental Services	Department:	Sewer
Asset Category:	Sanitary Sewer System		
Location:	Exeter	Project Authorization:	Don Giberson
Estimated Useful Life:	25 years	Joint Project Lead:	Shawn Young

Detailed Project Description:

This project involves engineering for the future mechanical, electrical, instrumentation and pump upgrades at the Sewage Lagoon Filter Building Pumping Station. The existing wet well, pumping station structure, yard piping and all site works will be retained. The sewage pumps may require a re-build but are not expected to be replaced.

Project Rationale:

This project is a priority due to the obsolescence and deteriorated condition of the facility; and to reduce the potential for emergency failures and associated sewage by-passes. This Pumping Station is a critical component of the sewage treatment process as it pumps effluent from the finishing cell to the intermittant sand filters, where sewage receives the final stage of treatment before being discharged to the Ausable River. If this project is not completed there is the potential for increased maintenance costs and environmental liability.

Project Measurements:

Unit of Measure:	Quantity	Asset
Quantity (#)	1	Sewage Lagoon Filter Building Pumping Station

Project Materials:

Existing mechanical, electrical and instrumentation will be replaced with similar units with upgraded technology.

Images



2021 Capital Budget Request Form

Project Name:	Sewage Lagoon Filter Building Pumping Station Upgrade						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services	24,568	63,876	88,703				
Construction			810,000				
Vehicles							
Equipment							
Non-recoverable HST	432	1,124	15,817	-	-	-	-
Total Capital Cost	25,000	65,000	914,520	-	-	-	-
<u>Sources of Funding</u>							
Sewers Capital Repl Reserve		65,000	914,520	-			
Net Tax Levy Impact	25,000	-	-	-	-	-	-

Operating Impact of Capital							
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	High risk of failure due to age and condition of existing infrastructure.
Consequence of Failure	Catastrophic as this asset is vitally important to the operation of the wastewater treatment facility and failure will result in environmental liability.

2021 Capital Budget Request Form



Project Name:	Sewage Lagoon UV Disinfection System	Project No.	2021-S-03
Functional Class:	Environmental Services	Department:	Sewer
Asset Category:	Sanitary Sewer System		
Location:	Exeter	Project Authorization:	Don Giberson
Estimated Useful Life:	25 years	Joint Project Lead:	Shawn Young

Detailed Project Description:

This project involves engineering for the future installation of a UV (ultraviolet disinfection) system on the effluent discharge line from the Exeter Wastewater Treatment Facility.

Project Rationale:

The Exeter Sewgae Lagoons currently does not have any form of disinfection of the final effluent prior to discharging to the Ausable River. Historically, there have been challanges in achieving the E-Coli effluent quality limit set out in the ECA for this facility and there have been several winter E-Coli exceedences. The recently amended ECA more flexibility in the timing of the installation of a UV system but it is the MECP's expectation is that the project will move forward as budgets permit. If this project is not completed there is the potential for increased environmental liability and regualtory non-compliance.

Project Measurements:

Unit of Measure:	Quantity	Asset
Quantity (#)	1	Sewage Lagoon Filter Building
		Pumping Station

Project Materials:

Existing mechanical, electrical and instrumentation will be replaced with similar units with upgraded technology.

Images



2021 Capital Budget Request Form

Project Name:	Sewage Lagoon UV Disinfection System						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services		44,222				57,488	
Construction						678,066	
Vehicles							
Equipment							
Non-recoverable HST	-	778	-	-	-	12,946	-
Total Capital Cost	-	45,000	-	-	-	748,500	-
<u>Sources of Funding</u>							
Sewers Capital Repl Reserve		45,000	-	-		748,500	
Net Tax Levy Impact	-	-	-	-	-	-	-

Operating Impact of Capital							
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	High risk of failure due to age and condition of existing infrastructure.
Consequence of Failure	Catastrophic as this asset is vitally important to the operation of the wastewater treatment facility and failure will result in environmental liability.

2021 Capital Budget Request Form



Project Name:	Main Street Sewer Easement Rehabilitation	Project No.	2021-S-04
Functional Class:	Environmental Services	Department:	Sewer
Asset Category:	Sanitary Sewer System		
Location:		Project Authorization:	Don Giberson
Estimated Useful Life:	25 years	Joint Project Lead:	Shawn Young

Detailed Project Description:

This project involves CCTV inspection, calcite removal, trenchless spot repairs and possible relining to rehabilitate the sanitary sewers in easements at the rear of properties on both sides of Main Street in downtown Exeter (Victoria to Anne Street). Longer term planning will include the coordination with the William Street Reconstruction project to remove rear yard PDC's and install PDCs in standard location to the front of properties on east side of William Street.

Project Rationale:

This project is a priority due to the deteriorated condition of the sewers in easements at the rear of properties on both sides of Main Street in Downtown Exeter. It is also to reduce the potential for emergency failures and basement backups associated with blockages in the sewer. If this project is not completed there is the potential for increased maintenance costs, property damage and environmental liability.

			Images
Unit of Measure:	Quantity	Asset	
Pipe size (mm)	varies	sanitary sewer pipes	
Project Materials:			
Existing sewers will be rehabilitated			

2021 Capital Budget Request Form

Project Name:	Main Street Sewer Easement Rehabilitation						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services							
Construction		49,135	49,135	49,135	49,135	49,135	
Vehicles							
Equipment							
Non-recoverable HST	-	865	865	865	865	865	-
Total Capital Cost	-	50,000	50,000	50,000	50,000	50,000	-
<u>Sources of Funding</u>							
Sewers Capital Repl Reserve		50,000	50,000	50,000	50,000	50,000	
Net Tax Levy Impact	-	-	-	-	-	-	-

Operating Impact of Capital							
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	High risk of failure due to age and condition of existing infrastructure.
Consequence of Failure	Potential for increased maintenance costs and liability associated with property damage due to sewage backups into basements.

2021 Capital Budget Request Form



Project Name:	Huron Park Sewage Pumping Station Upgrade	Project No.	2021-S-05
Functional Class:	Environmental Services	Department:	Sewer
Asset Category:	Sanitary Sewer System		
Location:	Exeter	Project Authorization:	Don Giberson
Estimated Useful Life:	25 years	Joint Project Lead:	

Detailed Project Description:

This project is the engineering for the future upgrade of the Huron Park Sanitary Pumping Station, including replacement of the wet well, installation of new pumps and associated electrical, mechanical and instrumentation upgrades. The expectation is to retain the existing pumping station control building, yard piping and all site works with modifications.

Project Rationale:

This project is a priority due to the obsolescence and deteriorated condition of components of the facility; and to reduce the potential for emergency failures and associated sewage by-passes. This facility was originally built in the 1990's and was upgraded in 2006 as part of the Crediton & Centralia sewage collection system project. The pumping station has an inadequate wet well and very short operating range for the pumps. As a result there is premature pump wear and a higher than expected sewage by-passes. If this project is not completed there is the potential for increased maintenance costs and environmental liability.

Project Measurements:

Unit of Measure:	Quantity	Asset
Quantity (#)	1	Huron Park Sanitary Sewage Pumping Station

Project Materials:

Existing precast concrete wet well will be replaced/upgraded, mechanical, electrical, instrumentation and pumps will be replaced with similar units with upgraded technology.

Images



2021 Capital Budget Request Form

Project Name:	Huron Park Sewage Pumping Station Upgrade						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services		73,703	45,000				
Construction			1,420,121				
Vehicles							
Equipment							
Non-recoverable HST	-	1,297	25,786	-	-	-	-
Total Capital Cost	-	75,000	1,490,907	-	-	-	-
<u>Sources of Funding</u>							
Sewers Capital Repl Reserve		75,000	1,490,907				
Net Tax Levy Impact	-	-	-	-	-	-	-

Operating Impact of Capital							
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	
Consequence of Failure	

2021 Capital Budget Request Form



Project Name:	Grand Bend Trunk Sewer Phase 1 (PS-2 to Indian Road)	Project No.	2020 Carry Fwd
Functional Class:	Environmental Services	Department:	Sewer
Asset Category:	Sanitary Sewer System		
Location:	Stephen Ward	Project Authorization:	Don Giberson
Estimated Useful Life:	75 years	Joint Project Lead:	Shawn Young

Detailed Project Description:

This project involves the installation of Phase One of the trunk sanitary sewer on Municipal Drive and Ontario Street from PS-2 to Indian Road. The section of sewer within Lambton Shores replaces the existing Lambton Shores trunk sewer with a larger and deeper pipe with capacity for both municipalities, as per the Council approved Memorandum of Understanding with Lambton Shores. The joint sewer is cost shared on a flow proportional basis, with a credit to Lambton Shores for the remaining useful life of their sewer. The Municipal Drive section has been tendered by Lambton Shores and is expected to be substantially complete prior to December 31, 2020.....but invoiced in 2021. The section of sewer on Ontario Street will be installed as part of Lambton Shores "Connecting Link" project in 2021 and the restoration costs will be paid by Lambton Shores as part of their Connecting Link funding agreement.

Project Rationale:

This project is a priority for economic development of the Highway #21 corridor in Grand Bend, otherwise known as the Port Blake Planning Area. Without the trunk sewer there is very limited development that can occur on the existing sewer infrastructure. Building the trunk sewer will also allow the municipality to access unused capacity in PS-2 and the Grand Bend Sewage Treatment Plant and PS-2 and utilize the previous investments in those facilities.

			Images
Unit of Measure:	Quantity	Asset	
Pipe size (mm)	450mm to 600mm	sanitary sewer	
Project Materials:			
Lambton Shores existing concrete sewer pipe will be replaced with similar material of a larger diameter			

2021 Capital Budget Request Form

Project Name:	Grand Bend Trunk Sewer Phase 1 (PS-2 to Indian Road)						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services	40,438	27,852					
Construction		1,544,701					
Vehicles							
Equipment							
Non-recoverable HST	712	27,677					-
Total Capital Cost	41,150	1,600,230					-
<u>Sources of Funding</u>							
Reserve/Reserve Fund:	41,150	322,000	-				
Water Capital Repl Reserve		1,278,230					
Net Tax Levy Impact	-	(0)	-	-	-	-	-

Operating Impact of Capital							
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	This is a new asset
Consequence of Failure	

Solid Waste		2021 Proposed Capital Projects						Forecasted Project Cost (Total \$)			
Project Name	Project ID	Project Cost	User Fees	Grant	Reserve	Debt	Other Sources	2022	2023	2024	2025
Landfill Expanson Project-Stage 3	2019-LS-01	50,000						25,000	25,000	25,000	25,000
Total Solid Waste Capital		50,000	-	-	-	-	-	25,000	25,000	25,000	25,000

2021 Capital Budget Request Form



Project Name:	Landfill Expansion Project-Stage 3		Project No.	2021-LS-01
Functional Class:	Environmental Services	Department:	Solid Waste	
Asset Category:	Land Improvements			
Location:		Project Authorization:	Don Giberson	
Estimated Useful Life:	25 years	Joint Project Lead:	Shawn Young	

Detailed Project Description:

This project involves professional engineering and hydrogeological services, along with a natural environment study, required to commence the consultative process with the Ministry of the Environment, Conservation and Parks (MECP) for future approval of the next phase of the landfill site expansion.

These discussions will establish the MECP requirements and other regulatory agencies for engineered solutions/options for leachate control; contaminant attenuation zone (CAZ) options; possible additional ground water monitoring/evaluation and public consultation. The approval process for landfill expansions typically takes five years to complete and should be in place well before the currently approved Stage 2 landfill area is filled/capped.

Project Rationale:

These will establish the MECP requirements and other regulatory agencies for engineered solutions/options for leachate control; contaminant attenuation zone (CAZ) options; possible additional ground water monitoring/evaluation and public consultation. The approval process for landfill expansions typically takes five years to complete and should be in place well before the currently approved Stage 2 landfill area is filled/capped.

Project Measurements:

Unit of Measure:	Quantity	Asset
Quantity (#)	1	Landfill Site

Project Materials:

This is an expansion of existing landfill site.

Images



2021 Capital Budget Request Form

Project Name:	Landfill Expansion Project-Stage 3						
<u>Capital Cost</u>	Prior Years	2021	2022	2023	2024	2025	Future Cost
Engineering Services		49,135	24,568	24,568	24,568	24,568	
Construction							
Vehicles							
Equipment							
Non-recoverable HST	-	865	432	432	432	432	-
Total Capital Cost	-	50,000	25,000	25,000	25,000	25,000	-
<u>Sources of Funding</u>							
Landfill Capital Repl Reserve		50,000	25,000	25,000	25,000	25,000	
Net Tax Levy Impact	-	-	-	-	-	-	-

Operating Impact of Capital							
Total Operating Impact		-	-	-	-	-	

Project Consequences	
Probability of Failure	Low probability of failure
Consequence of Failure	Current approved stage of landfill will eventually be completely filled and if this next phase is not approved service levels will be impacted and operating costs will increase.