Pelham NIAGARA

2020 Capital & Operating Budgets

Community Planning & Development

Corporate Services

Fire & By-Law Services

Public Works

Recreation, Culture & Wellness

Town of Pelham

Schedule 11

Information Technology
2020 Proposed Capital Budget Summary

Project #	Project Name	Description	Project Importance	2020 Proposed Budget	FINANCING: Development Charges	IT Reserve	Other	Other Description	Total Financing
				$	$	$	$		$
IT 01-20	Computer and Hardware Repair and Replacement	Annual Computer/Hardware additions/replacements	High - Replace aging hardware that has exceeded useful life expectancy. Latest technology offers faster processing and energy efficiencies.	32,000	-	32,000	-		32,000
IT 02-20	Tab Fusion Electronic Enhancement	Automate electronic content located in any system and apply classification and retention to all electronic files	High- reduce compliance risks associated with electronic records. Better tracking mechanism of access, changes and activity for specific electronic files.	25,000	-	-	25,000	Municipal Modernization Grant	25,000
IT 03-20	Financial Reporting Software	Budget and Financial Reporting Software that will integrate with iCity and allow for multi year budgeting and forecasting	High - Increase efficiency when budgeting for operating and capital projects. Allows multi-year planning, forecasting and analysis to streamline budget process.	40,000	-	-	40,000	Municipal Modernization Grant	40,000
IT 04-20	Core Switch Upgrade	Main Core Switch Upgrade (St 2)	Medium - decrease the risk of intermittent network related issues (example, (CAD) communications), due to ageing switch equipment.	4,000	-	4,000	-		4,000
IT 05-20	Innovation Technology	Innovation Technology (Building Energy Management Software)	Software application that will meet the mechanical, electrical and building control needs of our properties (MCC/Town Hall). The application will also offer services that include proactive and emergency maintenance programs.	40,000	-	-	40,000	Municipal Modernization Grant	40,000
Total 2020 Proposed Budget				**141,000**	**-**	**36,000**	**105,000**		**141,000**

Corporate Services

Information Technology
20 Year Projected Capital Budget

Projects by Priority (Annual Expenditures)

Year	Project Description	Budget	Reserves	Development Charges	Gas Tax	Debenture	Donations & Other Contributions	Other Grants
2020	Annual Equipment PSAB additions/replacements	32,000	32,000					
	Tab Fusion Electronic Enhancement	25,000	-					25,000
	Questica Budget Software	40,000	-					40,000
	Main Core Switch Upgrade (FH Station2)	4,000	4,000					
	Innovation Technology	40,000	-					40,000
		141,000	**36,000**	**-**	**-**	**-**	**-**	**105,000**
2021	Annual Equipment PSAB adds/replacements	32,000	32,000					
	Innovation Technology	50,000	50,000					
	Barracuda Spam Firewall	7,500	7,500					
		89,500	**89,500**	**-**	**-**	**-**	**-**	**-**
2022	Annual Equipment PSAB adds/replacements	32,000	32,000					
	Server Replacement	16,000	16,000					
	Main Core Switch - Town Hall - 2nd Floor	8,000	8,000					
	Innovation Technology	50,000	50,000					
	eAgenda Upgrade	30,000	30,000					
	ActiveNet Upgrade	10,000	10,000					
		146,000	**146,000**	**-**	**-**	**-**	**-**	**-**
2023	Annual Equipment PSAB adds/replacements	33,000	33,000					
	Innovation Technology	50,000	50,000					
	Phone Upgrade	40,000	40,000					
	Server Replacement	16,000	16,000					
		139,000	**139,000**	**-**	**-**	**-**	**-**	**-**
2024	Annual Equipment PSAB adds/replacements	33,000	33,000					
	Main Core Switch	8,000	8,000					
	Innovation Technology	50,000	50,000					
	iCity Upgrade	50,000	50,000					
	Barracuda Spam Firewall	8,000	8,000					
		149,000	**149,000**	**-**	**-**	**-**	**-**	**-**
2025	Annual Equipment PSAB adds/replacements	33,000	33,000					
	Server Replacement	16,000	16,000					

Information Technology
20 Year Projected Capital Budget

Projects by Priority (Annual Expenditures)

Year	Project Description	Budget	Reserves	Development Charges	Gas Tax	Debenture	Donations & Other Contributions	Other Grants
	Innovation Technology	50,000	50,000					
		99,000	**99,000**	**-**	**-**	**-**	**-**	**-**
2026	Annual Equipment PSAB adds/replacements	33,000	33,000					
	Innovation Technology	50,000	50,000					
		83,000	**83,000**	**-**	**-**	**-**	**-**	**-**
2027	Annual Equipment PSAB adds/replacements	45,000	45,000					
	Server Replacement	16,000	16,000					
	Main Core Switch	8,000	8,000					
	ActiveNet Upgrade	15,000	15,000					
	Innovation Technology	50,000	50,000					
	Barracuda Spam Firewall	8,200	8,200					
		142,200	**142,200**	**-**	**-**	**-**	**-**	**-**
2028	Annual Equipment PSAB adds/replacements	45,000	45,000					
	Innovation Technology	50,000	50,000					
		95,000	**95,000**	**-**	**-**	**-**	**-**	**-**
2029	Annual Equipment PSAB adds/replacements	45,000	45,000					
	Server Replacement	16,000	16,000					
	Phone Upgrade	50,000	50,000					
	Innovation Technology	50,000	50,000					
		161,000	**161,000**	**-**	**-**	**-**	**-**	**-**

Corporate Services

Information Technology
20 Year Projected Capital Budget
in Dollars

	2019	2020	2021	2022	2023	2024
Projected Reserve (Deficit) - Start of Year	(46,482)	(137,009)	(73,009)	(22,509)	(14,509)	491
Additions to Reserve						
Contribution from Operating Budget (Note 1)	90,000	100,000	140,000	154,000	154,000	154,000
Reductions in Reserve						
Estimated 2019 Projects Completed	(128,000)					
Estimated Prior Year Projects Completed	(52,527)					
Capital Spending (from 20 Year Summary)		(36,000)	(89,500)	(146,000)	(139,000)	(149,000)
Projected Reserve (Deficit) - End of Year	**(137,009)**	**(73,009)**	**(22,509)**	**(14,509)**	**491**	**5,491**
Note 1: Annual increase in operating reserve transfer (rounded up to the nearest thousand)			40.0%	10.0%	0.0%	0.0%

Corporate Services

Information Technology 20 Year Projected Capital Budget in Dollars	2025	2026	2027	2028	2029
Projected Reserve (Deficit) - Start of Year	5,491	30,491	71,491	53,291	82,291
Additions to Reserve					
Contribution from Operating Budget (Note 1)	124,000	124,000	124,000	124,000	124,000
Reductions in Reserve					
Estimated 2019 Projects Completed					
Estimated Prior Year Projects Completed					
Capital Spending (from 20 Year Summary)	(99,000)	(83,000)	(142,200)	(95,000)	(161,000)
Projected Reserve (Deficit) - End of Year	**30,491**	**71,491**	**53,291**	**82,291**	**45,291**
Note 1: Annual increase in operating reserve transfer (rounded up to the nearest thousand)	-20.0%	0.0%	0.0%	0.0%	0.0%

Fire & By-Law Services

Schedule 12

Fire & By-Law Services
2020 Proposed Capital Budget Summary

Project #	Project Name	Description	Project Importance	2020 Proposed Budget	FINANCING: Development Charges	Fire Reserve	Other	Other Description	Total Financing
				$	$	$	$		$
FD 01-20	PPE	Bunker Gear	Legislated	35,000	-	35,000	-		35,000
FD 02-20	Communications	Replacement of Pagers	High	8,000	-	8,000	-		8,000
FD 03-20	Tools	Replacement of Extrication Equipment - 2 Stations	High	40,000	-	40,000	-		40,000
Total 2020 Proposed Budget				**83,000**	**-**	**83,000**	**-**		**83,000**

Fire & By-law Services
20 Year Projected Capital Budget

Projects by Priority (Annual Expenditures)

Year	Project Description	Budget	Reserves	Development Charges	Gas Tax	Debenture	Donations & Other Contributions	Other Grants
2020	Bunker gear	35,000	35,000					
	Replacement of Pagers	8,000	8,000					
	Auto x equipment upgrade 2 stations	40,000	40,000					
		83,000	**83,000**	**-**	**-**	**-**	**-**	**-**
2021	Bunker Gear	35,000	35,000					
	Electronic sign station one	30,000	30,000					
	Replacement of Car one	50,000	-	50,000				
	Car 2	60,000	60,000					
	Auto x equipment upgrade 1 station - deferred from 2020	20,000	20,000					
	Replacement of SCBA air system	65,000	65,000					
	Replacement of SCBA air system station one	70,000	70,000					
		330,000	**280,000**	**50,000**	**-**	**-**	**-**	**-**
2022	Bunker Gear	40,000	40,000					
	Rescue One	500,000	500,000					
	Pumper 3	700,000	700,000					
		1,240,000	**1,240,000**	**-**	**-**	**-**	**-**	**-**
2023	Bunker Gear	40,000	40,000					
	Hurst Jaws station 2	200,000	200,000					
		240,000	**240,000**	**-**	**-**	**-**	**-**	**-**
2024	Bunker Gear	40,000	40,000					
	Rescue 2	350,000	350,000					
	Rescue 3	350,000	350,000					
		740,000	**740,000**	**-**	**-**	**-**	**-**	**-**
2025	Bunker Gear	40,000	40,000					
		40,000	**40,000**	**-**	**-**	**-**	**-**	**-**

Fire & By-Law Services

Fire & By-law Services
20 Year Projected Capital Budget

Projects by Priority (Annual Expenditures)

Year	Project Description	Budget	Reserves	Development Charges	Gas Tax	Debenture	Donations & Other Contributions	Other Grants
2026	Bunker Gear	40,000	40,000					
	Tanker 2	400,000	400,000					
		440,000	**440,000**	**-**	**-**	**-**	**-**	**-**
2027	Bunker Gear	40,000	40,000					
	New Vehicle	175,000	-	175,000				
		215,000	**40,000**	**175,000**	**-**	**-**	**-**	**-**
2028	Bunker Gear	40,000	40,000					
	SCBA	500,000	500,000					
		540,000	**540,000**	**-**	**-**	**-**	**-**	**-**
2029	Bunker Gear	40,000	40,000					
	Pumper One	800,000	800,000					
	Car one	60,000	60,000					
		900,000	**900,000**	**-**	**-**	**-**	**-**	**-**

Fire & By-Law Services

Fire & By-law Services 20 Year Projected Reserve Balance in Dollars	2019	2020	2021	2022	2023	2024
Projected Reserve (Deficit) - Start of Year	453,423	333,423	475,423	510,423	(288,577)	89,423
Additions to Reserve						
Contribution from Operating Budget (Note 1)	200,000	225,000	315,000	441,000	618,000	773,000
Reductions in Reserve						
Estimated 2019 Projects Completed	(320,000)					
Estimated Prior Year Projects Completed						
Capital Spending (from 20 Year Summary)		(83,000)	(280,000)	(1,240,000)	(240,000)	(740,000)
Projected Reserve (Deficit) - End of Year	**333,423**	**475,423**	**510,423**	**(288,577)**	**89,423**	**122,423**
Note 1: Annual increase in operating reserve transfer (rounded up to the nearest thousand)			40.0%	40.0%	40.0%	25.0%

Fire & By-Law Services

Fire & By-law Services 20 Year Projected Reserve Balance in Dollars	2025	2026	2027	2028	2029
Projected Reserve (Deficit) - Start of Year	122,423	585,423	648,423	1,111,423	1,074,423
Additions to Reserve					
Contribution from Operating Budget (Note 1)	503,000	503,000	503,000	503,000	503,000
Reductions in Reserve					
Estimated 2019 Projects Completed					
Estimated Prior Year Projects Completed					
Capital Spending (from 20 Year Summary)	(40,000)	(440,000)	(40,000)	(540,000)	(900,000)
Projected Reserve (Deficit) - End of Year	**585,423**	**648,423**	**1,111,423**	**1,074,423**	**677,423**
Note 1: Annual increase in operating reserve transfer (rounded up to the nearest thousand)	-35.0%	0.0%	0.0%	0.0%	0.0%

Public Works

Schedule 13

Town Facilities
2020 Proposed Capital Budget Summary

Project #	Project Name	Description	Project Importance	2020 Proposed Budget	FINANCING Development Charges	Facilities Reserve	Other	Other Description	Total Financing
				$	$	$	$		$
FAC 01-20	Concrete & Asphalt Repairs - Various Facilities	Concrete & Asphalt Repairs - Various Facilities	Annual requirement to repair concrete and asphalt.	10,000	-	10,000	-		10,000
FAC 02-20	Masonry Repairs	Repairs to damaged stone columns at Highland Ave, Hillside Cemetery, and Fonthill Cemetery	Required to repair damaged stone columns at Cemetery entrances and Highland Avenue.	30,000	-	30,000	-		30,000
FAC 03-20	Facility Condition & Accessibility Assessment	Facility Condition & Accessibility Assessment	Required for input into Asset Management Plan and develop long term facility maintenance strategy.	75,000	-	75,000	-		75,000
FAC 04-20	Tice Road Operations Centre - Electrical Upgrades	Tice Road Operations Centre - Electrical Upgrades to accommodate portable trailer	Required to allow for utility hook-up for portable building. The existing panel is unable to support any further circuits.	6,500	-	6,500	-		6,500
FAC 05-20	MCC - Front Passive Area Fence	Addition of fence surrounding the MCC front passive area (Camps)	Required to improve safety of children attending day camps at the MCC.	30,000	-	30,000	-		30,000
FAC 06-20	Gates to Accipiter Arena Pad	Addition of 2 x 48" Gates to Accipiter Arena Ice Pad	Required to improve access to the pad in the Accipiter Arena during shows (Home Show, Art Festival Etc.).	10,000	-	10,000	-		10,000
FAC 07-20	Community Information Counter	Addition of a Community Information Counter at the MCC	Required to improve information booth set-up at the MCC. Improved customer service initiative.	5,000	-	5,000	-		5,000
FAC 08-20	Centennial Park Hydro Service	Replacement of existing overhead hydro service with a buried line	Required to complete 2019 electrical upgrades. Existing overhead service is shared with 2 neighboring properties.	15,000	-	-	15,000	Municipal Modernization Grant	15,000
FAC 09-20	MCC Additional Parking	Additional parking required due to high usage of the facility	Parking is not sufficient for the size and usage of the building. Additional accessible parking is also required.	450,000	-	120,015	329,985	Investing in Canada Infrastructure Program - Community Culture Recreation	450,000
FAC 10-20	Flag Poles	Two flag poles at Town Hall	Approved by Council on 09-03-19.	6,000	-	6,000	-		6,000
Total 2020 Proposed Budget				**637,500**	**-**	**292,515**	**344,985**		**637,500**

A Red Circle indicates a project that is on hold, pending grant funding and/or further information for Council, and has not yet been approved by Council.

Public Works

Town Facilities
20 Year Projected Capital Budget

Projects by Priority (Annual Expenditures)

Year	Project Description	Budget	Reserves	Development Charges	Gas Tax	Debenture	Donations & Other Contributions	Other Grants
2020	Concrete & Asphalt Repairs - Various Facilities	10,000	10,000					
	Masonry Repairs (Highland Ave, Hillside Cemetery, Fonthill Cemetery Stone Columns)	30,000	30,000					
	Facility Condition & Accessibility Assessment	75,000	75,000					
	Tice Road Operations Centre - Electrical Upgrades to accommodate portable trailer	6,500	6,500					
	MCC - Front Passive Area Fence (Camps)	30,000	30,000					
	MCC - 2 x 48" Gates to Accipiter Arena Pad	10,000	10,000					
	MCC - Community Information Counter?	5,000	5,000					
	Centennial Park Hydro Service	15,000	-					15,000
	MCC Additional Parking	450,000	120,015					329,985
	Flag Poles at Town Hall	6,000	6,000					
		637,500	**292,515**	**-**	**-**	**-**	**-**	**344,985**
2021	Concrete & Asphalt Repairs - Various Facilities	10,000	10,000					
	Elevator install - Library	100,000	-				100,000	
	Old Pelham Town Hall - Foundation and Brick Repairs	25,000	25,000					
	Fonthill Library - main door replacement	15,000	15,000					
	Marlene Stewart Streit Park Electrical upgrades	10,000	10,000					
	Municipal Building - washroom, kitchen upgrades	23,000	23,000					
	Municipal Building - Window Replacement	50,000	50,000					
	MSSP Pool - Electrical Panel Upgrade	30,000	30,000					
	MSSP Pool - Viewing Pad Surface	40,000	40,000					
	Tice Road Operations Centre - Replace bay doors	30,000	30,000					
	Model Railway Building - electrical, floor repair	13,000	13,000					
	Municipal Building - window replacement	50,000	50,000					
	Model Railway Building - replace stairs, exit doors	17,000	17,000					
	Old Pelham Town Hall - Septic replacement - deferred from 2020	70,000	70,000					
	Model Railway Building - roof repair, insulation, walls/ceiling - deferred from 2020	40,000	40,000					

Public Works

Town Facilities 20 Year Projected Capital Budget								
Projects by Priority (Annual Expenditures)								
Year	**Project Description**	**Budget**	**Reserves**	**Development Charges**	**Gas Tax**	**Debenture**	**Donations & Other Contributions**	**Other Grants**
	Fire Station #1 Design Consultant - deferred from 2020	175,000	175,000					
		698,000	**598,000**	**-**	**-**	**-**	**100,000**	**-**
2022	Concrete & Asphalt Repairs - Various Facilities	10,000	10,000					
	Fire Station #1 - Expansion and Rehabilitation	1,500,000	-	1,000,050		499,950		
	Fonthill Library - lighting upgrades	19,000	19,000					
	Old Pelham Town Hall - replace furnace with RTU	12,000	12,000					
	Park Lane Operations Centre exterior man/bay doors	13,000	13,000					
		1,554,000	**54,000**	**1,000,050**	**-**	**499,950**	**-**	**-**
2023	Concrete & Asphalt Repairs - Various Facilities	10,000	10,000					
	Model Railway Building - accessibility upgrades \	30,000	30,000					
	Model Railway Building - window replacement with heritage consideration	35,000	35,000					
	Park Lane Operations Centre - interior walls and doors	15,000	15,000					
	Fonthill Library - accessibility upgrades to AODA, including installation of an elevator	165,000	165,000					
	Municipal Building - Main Door Replacement	35,000	35,000					
	Tice Road Operations Centre HVAC replacement	12,000	12,000					
	Municipal Building - extensive plumbing & HVAC repairs/replacements - 2014 FCA report	116,000	116,000					
		418,000	**418,000**	**-**	**-**	**-**	**-**	**-**
2024	Concrete & Asphalt Repairs - Various Facilities	10,000	10,000					
	Municipal Building - Event Washroom Addition	495,000	495,000					
	Park Lane Operations Centre - windows, insulation, cladding	35,000	35,000					

Public Works

Town Facilities 20 Year Projected Capital Budget								
Projects by Priority (Annual Expenditures)								
Year	**Project Description**	**Budget**	**Reserves**	**Development Charges**	**Gas Tax**	**Debenture**	**Donations & Other Contributions**	**Other Grants**
	Fonthill Library - basement renovation	30,000	30,000					
		570,000	**570,000**	**-**	**-**	**-**	**-**	**-**
2025	Concrete & Asphalt Repairs - Various Facilities	10,000	10,000					
	Old Pelham Town Hall - Electrical Upgrades	13,000	13,000					
	Park Lane Operations Centre - Washroom addition	20,000	20,000					
	Municipal Building - Building Automation System (BAS)	60,000	60,000					
	Municipal Building - interior lighting upgrades	15,000	15,000					
	Tice Road Operations Centre Addition	500,000	-	500,000				
		618,000	**118,000**	**500,000**	**-**	**-**	**-**	**-**
2026	Concrete & Asphalt Repairs - Various Facilities	10,000	10,000					
	Old Pelham Town Hall - Building Automation System (BAS)	45,000	45,000					
	Fire Station #2 - upgrade lighting to LED	7,500	7,500					
	Old Pelham Town Hall - Window Replacement (excluding main hall)	15,000	15,000					
	Municipal Building - Roof Railings; Partial Roof Replacement (Section 4.0)	31,000	31,000					
	Pelham Library Parking Lot Repaving	90,000	90,000					
	Harold Black Park Concession washroom renovations - FCA Critical 2016 - 2025	55,000	55,000					
	Centennial Park Concession washroom renovations - FCA Critical 2016 - 2025	55,000	55,000					
	Harold Black Park Concession Building electrical upgrades	10,000	10,000					
	Harold Black Park Concession Kitchen/Plumbing Repairs - FCA Critical 2017 - 2024	25,000	25,000					
		343,500	**343,500**	**-**	**-**	**-**	**-**	**-**

Public Works

Town Facilities
20 Year Projected Capital Budget

Projects by Priority (Annual Expenditures)

Year	Project Description	Budget	Reserves	Development Charges	Gas Tax	Debenture	Donations & Other Contributions	Other Grants
2027	Concrete & Asphalt Repairs-Various Facilities	10,000	10,000					
	Fire Station #2 - Building Automation System (BAS)	40,000	40,000					
	Fonthill Library - Building Automation System (BAS)	40,000	40,000					
	Centennial Park Concession Emergency lighting/security - FCA 2016 - 2024	19,000	19,000					
	Centennial Park Bldg., (washrooms, Pavilion, change rooms, etc	250,000	250,000					
	Fonthill Library - HVAC replacements - FCA Critical 2024	25,000	25,000					
		384,000	**384,000**	-	-	-	-	-
2028	Roof Replacements (various)	235,000	235,000					
	Concrete & Asphalt Repairs-Various Facilities	10,000	10,000					
	Facility Maintenance Repairs / Replacements (various)	75,000	75,000					
		320,000	**320,000**	-	-	-	-	-
2029	Roof Replacements (various)	205,000	205,000					
	Facility Maintenance Repairs / Replacements (various)	100,000	100,000					
		305,000	**305,000**	-	-	-	-	-

Public Works

Town Facilities
20 Year Projected Reserve Balance
in Dollars

	2019	2020	2021	2022	2023	2024
Projected Reserve (Deficit) - Start of Year	(460,563)	(462,462)	(457,977)	(639,977)	(110,977)	288,023
Additions to Reserve						
Contribution from Operating Budget (Note 1)	263,101	297,000	416,000	583,000	817,000	817,000
Reductions in Reserve						
Estimated 2019 Projects Completed	(193,500)					
Estimated Prior Year Projects Completed	(71,500)					
Capital Spending (from 20 Year Summary)		(292,515)	(598,000)	(54,000)	(418,000)	(570,000)
Projected Reserve (Deficit) - End of Year	**(462,462)**	**(457,977)**	**(639,977)**	**(110,977)**	**288,023**	**535,023**

	2019	2020	2021	2022	2023	2024
Note 1: Annual increase in operating reserve transfer (rounded up to the nearest thousand)			40.0%	40.0%	40.0%	0.0%

Public Works

Town Facilities
20 Year Projected Reserve Balance
in Dollars

	2025	2026	2027	2028	2029
Projected Reserve (Deficit) - Start of Year	535,023	908,023	859,523	770,523	745,523
Additions to Reserve					
Contribution from Operating Budget (Note 1)	491,000	295,000	295,000	295,000	295,000
Reductions in Reserve					
Estimated 2019 Projects Completed					
Estimated Prior Year Projects Completed					
Capital Spending (from 20 Year Summary)	(118,000)	(343,500)	(384,000)	(320,000)	(305,000)
Projected Reserve (Deficit) - End of Year	**908,023**	**859,523**	**770,523**	**745,523**	**735,523**
Note 1: Annual increase in operating reserve transfer (rounded up to the nearest thousand)	-40.0%	-40.0%	0.0%	0.0%	0.0%

Park Facilities

Schedule 14

Park Facilities
2020 Proposed Capital Budget Summary

Project #	Project Name	Description	Project Importance	2020 Proposed Budget	FINANCING: Development Charges	Reserves	Other	Other Description	Total Financing
				$	$	$	$		$
PRK 01-20	Dugout/Bullpen Safety Improvements	Centennial Park Diamond #3 & HBP #2 Dugout / Bullpen Enclosures	Protection required for the safety of players and spectators utilizing the baseball diamonds.	15,000	-	-	15,000	Donations/ External Contributions	15,000
PRK 02-20	Forestry Services	Diseased tree removals - continued program	Required continual program to remove dead and diseased trees from municipally owned property.	80,000	-	80,000	-		80,000
PRK 03-20	River Estates Park Development	Development of a park and playground in the River Estates development	River Estates build out is nearing completion triggering the development of a public park space.	300,000	-	-	300,000	Parkland Dedication	300,000
PRK 04-20	Turf Repair	Playground Turf Repair	Annual requirement for turf repair at existing park playgrounds.	5,000	-	5,000	-		5,000
PRK 05-20	Weiland Park	Playground Equipment	As requested at Public Budget Open House	60,000	-	60,000	-		60,000
PRK 06-20	Field Protection	Centennial Park Soccer Field #2 Fence	Required to protect sports fields from continual damage caused by motorized vehicles at Centennial Park.	25,000	-	25,000	-		25,000
Total 2020 Proposed Budget				**485,000**	**-**	**170,000**	**315,000**		**485,000**

A Red Circle indicates a project that is on hold, pending grant funding and/or further information for Council, and has not yet been approved by Council.

Park Facilities

Park Facilities
20 Year Projected Capital Budget

Projects by Priority (Annual Expenditures)

Year	Project Description	Budget	Reserves	Development Charges	Parkland Dedication	Gas Tax	Debenture	Donations & Other Contributions	Other Grants
2020									
	PRK 04-19 Cent.#3 Diamond & HBP #2 Dugout / Bullpen Enclosures Install enclosures for player and spectator safety. Protection required for the safety of players and spectators utilizing the baseball diamonds.	15,000	-					15,000	
	Diseased tree removals - continued program	80,000	80,000						
	River Estates Park Development	300,000	-		300,000				
	Playground Turf Repair	5,000	5,000						
	Weiland Park Playground	60,000	60,000						
	Centennial Park Soccer Field #2 Fence	25,000	25,000						
		485,000	**170,000**	**-**	**300,000**	**-**	**-**	**15,000**	**-**
2021									
	Rail Trail (benches, rail markers, etc)	30,000	-		30,000				
	Diseased tree removals - continued program	80,000	80,000						
	MSSP Pool - new asphalt on viewing pad	39,000	39,000						
	Marlene Stewart Streit Park - Pool accessibility improvements	30,000	-		30,000				
	Playground Turf Repair	5,000	5,000						
	General Park Furniture (deferred from 2020)	10,000	10,000						
	Harold Black Park Drainage Improvement (deferred from 2020)	13,000	13,000						
	General Park Furniture (Benches/Picnic Tables/Receptacles)	10,000	10,000						
	Centennial Park Soccer Field #1 Fence	25,000	25,000						
	East Fonthill Parkland Development	500,000	72,500	427,500					
	Centennial Park Diamond 3 Lighting	145,000	-		145,000				
		887,000	**254,500**	**427,500**	**205,000**	**-**	**-**	**-**	**-**
2022									
	Diseased tree removals - continued program	80,000	80,000						
	Update Parks & Recreation Master Plan	50,000	16,250	33,750					
	Centennial Park Tennis Courts - Top Coat & lining	30,000	30,000						
	Centennial Park South Soccer Field Construction	250,000	-		250,000				
	Centennial Park Soccer Field #2 Lighting	176,000	36,000		140,000				
	Harold Black Park Soccer Field Fence (along Haist)	3,500	3,500						
	Saffron Meadows Park Development	500,000	-		500,000				
	General Park Furniture (Benches/Picnic Tables/Receptacl	10,000	10,000						
		1,099,500	**175,750**	**33,750**	**890,000**	**-**	**-**	**-**	**-**

Park Facilities

Park Facilities 20 Year Projected Capital Budget									
Projects by Priority (Annual Expenditures)									
Year	**Project Description**	**Budget**	**Reserves**	**Development Charges**	**Parkland Dedication**	**Gas Tax**	**Debenture**	**Donations & Other Contributions**	**Other Grants**
2023									
	MSSP Picnic Pavilion	150,000	-				150,000		
	Ball Diamond Upgrades - Harold Black Park #1 (clay infields)	60,000	60,000						
	Ball Diamond Upgrades - Centennial Park #1 (clay infields)	60,000	60,000						
	Ball Diamond Upgrades - Centennial Park #2 (clay infields)	60,000	60,000						
	Design Build - Harold Black Park Diamond 2 Lighting	145,000	-				145,000		
	Diseased tree removals - continued program	80,000	80,000						
	Installation of Community Bulletin Boards	40,000	40,000						
	Cenotaphs - Maintenance and Conservation Treatment Program	7,500	7,500						
	Rail Trail Connection to Church St	75,000	75,000						
	North Pelham Multi Purpose Court redevelopment	70,000	70,000						
	General Park Furniture (Benches/Picnic Tables/Receptacl	10,000	10,000						
	Playground Turf Repair	5,000	5,000						
		762,500	**467,500**	**-**	**-**	**-**	**295,000**	**-**	**-**
2024	Centennial Park Multi Purpose Court Redevelopment	40,000	40,000						
	Diseased tree removals - continued program	80,000	80,000						
	Harold Black Park Outdoor Rink	130,000	130,000						
	Park Entry Sign Replacements (12)	50,000	50,000						
	Peace Park - roof replacement - FCA Critical 2024	10,000	10,000						
	North Pelham Park Ball Diamonds Upgrade (clay infields)	110,000	110,000						
	General Park Furniture (Benches/Picnic Tables/Receptacl	10,000	10,000						
	Playground Turf Repair	5,000	5,000						
		435,000	**435,000**	**-**	**-**	**-**	**-**	**-**	**-**
2025									
	Centennial Park Cenotaph Restoration	40,000	40,000						
	Playground Equipment	160,000	23,200	136,800					
	Marlene Stewart Streit Park Pool House - roof replacement - FCA Critical 2023	55,000	55,000						
	Hurleston Park - Playground Retrofit	80,000	80,000						
	Harold Black Park Playground Retrofit	80,000	80,000						
	General Park Furniture (Benches/Picnic Tables/Receptacl	10,000	10,000						

Park Facilities

Park Facilities 20 Year Projected Capital Budget									
Projects by Priority (Annual Expenditures)									
Year	**Project Description**	**Budget**	**Reserves**	**Development Charges**	**Parkland Dedication**	**Gas Tax**	**Debenture**	**Donations & Other Contributions**	**Other Grants**
	Playground Turf Repair	5,000	5,000						
		430,000	**293,200**	**136,800**	**-**	**-**	**-**	**-**	**-**
2026	Playground Equipment	160,000	23,200	136,800					
	Peace Park Bandshell - upgrade lighting - FCA Critical 2024	4,000	4,000						
	North Pelham Park - Playground retrofit	80,000	80,000						
	Centennial Park Playground Retrofit	80,000	80,000						
	Kunda Park Development	150,000	21,750	128,250					
	General Park Furniture (Benches/Picnic Tables/Receptacl	10,000	10,000						
	Playground Turf Repair	5,000	5,000						
		489,000	**223,950**	**265,050**	**-**	**-**	**-**	**-**	**-**
2027	Cenotaphs - Maintenance and Conservation Treatment Program	7,500	7,500						
	Centennial Park - Splash Pad	275,000	275,000	235,125					
	Playground Equipment	160,000	23,200	136,800					
	Rolling Meadows Park - Playground Retrofit	80,000	80,000						
	Playground Turf Repair	5,000	5,000						
	General Park Furniture (Benches/Picnic Tables/Receptacl	10,000	10,000						
	Woodstream Park Playground Retrofit	80,000	80,000						
		617,500	**480,700**	**371,925**	**-**	**-**	**-**	**-**	**-**
2028	Woonerf and Central Park	3,500,000	984,200	1,039,500			1,476,300		
	Pelham Corners Park - Playground Retrofit	80,000	80,000						
	General Park Furniture (Benches/Picnic Tables/Receptacl	10,000	10,000						
	Playground Turf Repair	5,000	5,000						
	Marlene Stewart Streit Park Playground Retrofit	80,000	80,000						
		3,675,000	**1,159,200**	**1,039,500**	**-**	**-**	**1,476,300**	**-**	**-**
2029	Cherry Ridge Park Playground Retrofit	80,000	80,000						
	Replace outdoor pool	1,500,000	-		1,500,000				
	Playground Turf Repair	5,000	5,000						
	General Park Furniture (Benches/Picnic Tables/Receptacl	10,000	10,000						
	Centennial Park Tennis Courts - Top Coat & lining	40,000	40,000						
		1,635,000	**135,000**	**-**	**1,500,000**	**-**	**-**	**-**	**-**

Park Facilities

Parks Facilities 20 Year Projected Reserve Balance in Dollars	2019	2020	2021	2022	2023	2024
Projected Reserve (Deficit) - Start of Year	(217,936)	(268,603)	(274,603)	(299,103)	(152,853)	(169,353)
Additions to Reserve						
Contribution from Operating Budget (Note 1)	145,877	164,000	230,000	322,000	451,000	497,000
Reductions in Reserve						
Estimated 2019 Projects Completed	(106,500)					
Estimated Prior Year Projects Completed	(90,044)					
Capital Spending (from 20 Year Summary)		(170,000)	(254,500)	(175,750)	(467,500)	(435,000)
Projected Reserve (Deficit) - End of Year	**(268,603)**	**(274,603)**	**(299,103)**	**(152,853)**	**(169,353)**	**(107,353)**
Note 1: Annual increase in operating reserve transfer (rounded up to the nearest thousand)			40.0%	40.0%	40.0%	10.0%

Park Facilities

Parks Facilities 20 Year Projected Reserve Balance in Dollars	2025	2026	2027	2028	2029
Projected Reserve (Deficit) - Start of Year	(107,353)	146,447	524,497	706,797	210,597
Additions to Reserve					
Contribution from Operating Budget (Note 1)	547,000	602,000	663,000	663,000	431,000
Reductions in Reserve					
Estimated 2019 Projects Completed					
Estimated Prior Year Projects Completed					
Capital Spending (from 20 Year Summary)	(293,200)	(223,950)	(480,700)	(1,159,200)	(135,000)
Projected Reserve (Deficit) - End of Year	**146,447**	**524,497**	**706,797**	**210,597**	**506,597**
Note 1: Annual increase in operating reserve transfer (rounded up to the nearest thousand)	10.0%	10.0%	10.0%	0.0%	-35.0%

Public Works

Schedule 15

Roads
2020 Proposed Capital Budget Summary

Project #	Project Name	Description	Project Importance	2020 Proposed Budget	FINANCING Development Charges	Reserves	Other	Other Description	Total Financing
				$	$	$	$		$
RD 01-20	Bridge Design Program	Bridge Replacement Program (DESIGN ONLY): 1) Balfour St (100m South of Roland Rd) 2) Sixteen Road (50m East of Maple St)	The Legislated Bridge & Culvert Appraisal 2018 has these structures needing to be replaced.	100,000	-	100,000	-		100,000
RD 02-20	Roadside Ditching	Roadside Ditching Program	Annual program.	75,000	-	75,000	-		75,000
RD 03-20	Road Reconstruction	Road Reconstruction - Pelham St: College St to Port Robinson Rd	To correct drainage issues on College & Merritt.	1,079,519	-	560,466	519,053	Gas Tax	1,079,519
RD 04-20	Bridge/Culvert Appraisal (legislated) Retaining Walls and Easements	Bridge/Culvert Appraisal (legislated) Retaining Walls and Easements	Legislated Program.	20,000	-	20,000	-		20,000
RD 05-20	Concrete Program	Concrete Repair & Replacement Program	Annual program.	125,000	-	125,000	-		125,000
RD 06-20	Culvert Replacement	Culvert Replacement Program	Annual program.	60,000	-	60,000	-		60,000
RD 07-20	Effingham Storm Design	Effingham Storm Design - Hwy 20 to Canboro	Storm Water Issues.	50,000	-	50,000	-		50,000
RD 08-20	Engineering	Engineering	Annual program.	35,000	-	35,000	-		35,000
RD 09-20	Road Base and Surface Repair	Road Base and Surface Repair Program	Annual program.	150,000	-	150,000	-		150,000
RD 10-20	Road Rehabilitation	Road Rehabilitation	Annual program.	450,000	-	-	450,000	OCIF	450,000
RD 11-20	Maintenance	Streetlights and Traffic Signal Maintenance	Annual program.	55,000	-	55,000	-		55,000
RD 12-20	Stormsewer Extension	Storm extension along Quaker: development driven, front-ended, DC	Development Driven.	200,000	-	-	200,000	Developer Contributions	200,000
RD 13-20	Sulphur Springs	Sulphur Springs Road Rehabilitation - Site 1 & Site 2	Resident Access Required ($ 250,000 carried forward from RD 14-19: project total is $ 550,000).	300,000	-	300,000	-		300,000
RD 14-20	Station Street Storm Pond	Station Street Storm Pond Construction	Construction Program.	300,000	-	300,000	-		300,000
RD 15-20	Foss Resurfacing	Foss Road Resurfacing (WST 07-20 Road Component)	Part of Sanitary replacement Project.	500,000	-	500,000	-		500,000
RD 16-20	Road Design	Road Design - Pelham St: Port Robinson Rd to John St.	Design & CA for Project.	50,000	-	50,000	-		50,000
RD 17-20	Rice Road	Rice Road Landscaping Feature	Cost Share with Regional Grant.	48,120	-	24,060	24,060	Grant	48,120
RD 18-20	Lookout Street	Urbanization of Lookout Street	Work completed by developer.	105,431	105,431	-	-		105,431
Total 2020 Proposed Budget				**3,703,070**	**105,431**	**2,404,526**	**1,193,113**		**3,703,070**

A Red Circle indicates a project that is on hold, pending grant funding and/or further information for Council, and has not yet been approved by Council.

Public Works

Roads
20 Year Projected Capital Budget

Projects by Priority (Annual Expenditures)

Year	Project Description	Budget	Reserves	Development Charges	Gas Tax	Debenture	Donations & Other Contributions	Other Grants
2020	Bridge Replacement Program (DESIGN ONLY): 1) Balfour St (100m South of Roland Rd) 2) Sixteen Road (50m East of Maple St)	100,000	100,000					
	Roadside Ditching Program	75,000	75,000					
	Road Reconstruction - Pelham St: College St to Port Robinson Rd	1,079,519	560,466		519,053			
	Bridge/Culvert Appraisal (legislated) Retaining Walls and Easements	20,000	20,000					
	Concrete Repair & Replacement Program	125,000	125,000					
	Culvert Replacement Program	60,000	60,000					
	Effingham Storm Design - Hwy 20 to Canboro	50,000	50,000					
	Engineering	35,000	35,000					
	Road Base and Surface Repair Program	150,000	150,000					
	Road Rehabilitation	450,000	-				450,000	
	Streetlights and Traffic Signal Maintenance	55,000	55,000					
	Storm extension along Quaker: development driven, front-ended, DC	200,000	-				200,000	
	Sulphur Springs Rd Rehabilitation - Site 1 & Site 2	300,000	300,000					
	Station Street Storm Pond Construction	300,000	300,000					
	Foss Road Resurfacing	500,000	500,000					
	Road Design - Pelham St: Port Robinson Rd to John St.	50,000	50,000					
	Rice Road Landscaping Feature	48,120	24,060					24,060
	Lookout Street Urbanization	105,431		105,431				
		3,703,070	**2,404,526**	**105,431**	**519,053**	**-**	**650,000**	**24,060**

Public Works

Roads
20 Year Projected Capital Budget

Projects by Priority (Annual Expenditures)

Year	Project Description	Budget	Reserves	Development Charges	Gas Tax	Debenture	Donations & Other Contributions	Other Grants
2021	Design - Welland: Canboro Rd to E of Balfour	124,571	124,571					
	Road Rehabilitation - Effingham St: 500m South of Metler to Tice	350,000	245,000	105,000				
	Burying hydro highway 20 - East Fonthill	1,688,200	-			1,080,448	607,752	
	Bridge Replacement Program: Cream St 400m South of Sawmill Rd	661,384	118,738		542,646			
	Concrete Repair & Replacement Program	110,000	110,000					
	Culvert Replacement Program	60,000	60,000					
	Design - Lorimer St: Hurricane to South Limit	63,000	63,000					
	Design - Merritt: Line Ave to Rice Rd	100,000	30,000	70,000				
	Engineering	35,000	35,000					
	Pavement Condition Assessment	30,000	30,000					
	Road Base and Surface Repair Program	200,000	200,000					
	Road Rehabilitation	600,000	600,000					
	Rail Crossings Improvements - regulatory requirement	100,000	100,000					
	Rural Transportation Network Safety Review	20,000	20,000					
	Sign Retro-Reflectivity Assessment	15,000	15,000					
	Stormwater Facility Maintenance	12,000	12,000					
	Streetlights and Traffic Signal Maintenance	55,000	55,000					
	LED Streetlight Replacement Year 1	400,000	400,000					
	Ridgeville Drainage Improvements	60,000	60,000					
	Easement for Station Street storm outlet (previously RD 08-17).	35,000	35,000					
	Pickwick Place New Lighting Construction	25,000	25,000					
	Roadside Ditching Program (Originally was $ 100,000 but additional $25,000 deferred from 2020)	125,000	125,000					
	Road Reconstruction - Pelham St: Port Robinson Rd to John Street (deferred from 2020)	2,776,789	-			1,193,519		1,583,270
	Sign Retro-Reflectivity Assessment (deferred from 2020)	15,000	15,000					
	Stormwater Facility Maintenance (deferred from 2020)	12,000	12,000					
	Lookout Street Urbanization	105,431	-	105,431				
		7,778,375	**2,490,309**	**280,431**	**542,646**	**2,273,967**	**607,752**	**1,583,270**

Public Works

Roads
20 Year Projected Capital Budget

Projects by Priority (Annual Expenditures)

Year	Project Description	Budget	Reserves	Development Charges	Gas Tax	Debenture	Donations & Other Contributions	Other Grants
2022	Bridge Replacement Program: Cream St 400m South of Sawmill Rd	661,384	118,738		542,646			
	Road Reconstruction - Balfour, Canboro to Welland	219,000	219,000					
	Road Rehabilitation - Effingham St: Hwy 20 to Tice	214,394	-	64,318		150,076		
	Traffic Signals - Pelham St at Quaker	250,000	25,000	225,000				
	Design - Pelham St: College to south limit	175,000	175,000					
	Design - Pancake: Pelham St to Haist St	157,000	157,000					
	Bridge/Culvert Appraisal (legislated)	10,000	10,000					
	Concrete Repair & Replacement Program	110,000	110,000					
	Culvert Replacement Program	60,000	60,000					
	Design - Quaker Rd: Pelham St to Line Ave	82,000	82,000					
	Engineering	35,000	35,000					
	Foss Road - Regional Forcemain Sani - Culvert Replacements	80,500	80,500					
	Road Base and Surface Repair Program	200,000	200,000					
	Design for Road Reconstruction - Merritt Rd: Pelham St to Line Ave	200,000	60,000	140,000				
	Road Rehabilitation	600,000	300,000					300,000
	FUNDING REQUIRED Cycling Spur Line Initiative	170,000	-				170,000	
	Roadside Ditching Program	100,000	100,000					
	Sign Retro-Reflectivity Assessment	15,000	15,000					
	Stormwater Facility Maintenance	12,000	12,000					
	Streetlights and Traffic Signal Maintenance	55,000	55,000					
	Foss Road Resurfacing - Balfour to the Railway Tracks	150,000	150,000					
	Road Reconstruction - Pelham St: John Street to Bacon Lane	1,959,264	-			792,644		1,166,620
		5,515,542	**1,964,238**	**429,318**	**542,646**	**942,720**	**170,000**	**1,466,620**

Public Works

Roads
20 Year Projected Capital Budget

Projects by Priority (Annual Expenditures)

Year	Project Description	Budget	Reserves	Development Charges	Gas Tax	Debenture	Donations & Other Contributions	Other Grants
2023	Bridge Replacement Program: Sawmill 90m east of Centre	774,056	-			774,056		
	LED Streetlight Replacement Year 2	436,000	436,000					
	Christmas Decoration Replacements	12,000	12,000					
	Concrete Repair & Replacement Program	110,000	110,000					
	Culvert Replacement - Effingham and Sulphur Springs	75,000	75,000					
	Road Reconstruction - Pancake Ln: Pelham St to Haist St	730,000	163,761		566,239			
	Culvert Replacement Program	60,000	60,000					
	Design - Canboro: Haist St to Pelham St	230,100	230,100					
	Design - Emmett St: Pelham St to Station St	85,000	85,000					
	Engineering	35,000	35,000					
	Residential Traffic Calming Initiative	20,000	20,000					
	Road Base and Surface Repair Program	200,000	200,000					
	Road Reconstruction - Station Street: Port Robinson to Hwy 20 - PHASE 1 of 2	1,200,000	-	840,000		360,000		
	Road Rehabilitation	600,000	300,000					300,000
	Pelham St Quaker Rd Reg Rd 20 traffic control - Merritt Rd	151,600	15,160	136,440				
	Reg Rd 20 Stn St Rice Rd Sidewalks - both sides	385,800	115,740	270,060				
	Roadside Ditching Program	100,000	100,000					
	Summersides Blvd secondary servicing/landscaping - PHASE 1 (2,289,600 with 3 phases)	763,200	763,200					
	Sign Retro-Reflectivity Assessment	15,000	15,000					
	Road Reconstruction - Pelham St: Bacon Lane to South Limit	2,326,384	9,774			900,000		1,416,610
	Stormwater Facility Maintenance	12,000	12,000					
	Streetlights and Traffic Signal Maintenance	55,000	55,000					
		8,376,140	**2,812,735**	**1,246,500**	**566,239**	**2,034,056**	**-**	**1,716,610**

Public Works

Roads
20 Year Projected Capital Budget

Projects by Priority (Annual Expenditures)

Year	Project Description	Budget	Reserves	Development Charges	Gas Tax	Debenture	Donations & Other Contributions	Other Grants
2024	Bridge Replacement Program: Roland Rd 50m East of Balfour St	618,250	52,011		566,239			
	Bridge/Culvert Appraisal (legislated)	10,000	10,000					
	Road Reconstruction - Station Street: Port Robinson to Hwy 20 - PHASE 2 of 2	1,200,000	360,000	840,000				
	Summersides Blvd secondary servicing/landscaping - PHASE 2 (2,289,600 with 3 phases)	763,200	200,700			562,500		
	Christmas Decoration Replacements	12,000	12,000					
	Intersection Reconfiguration - Effingham St and Wessel Dr	125,000	125,000					
	Concrete Repair & Replacement Program	110,000	110,000					
	Culvert Replacement Program	60,000	60,000					
	Design - Haist Crt: Haist St to limit	26,000	26,000					
	Design - Orchard Place: Haist St to limit	45,000	45,000					
	Design - Station St Extension: South of Port Robinson Rd	93,800	-	93,800				
	Engineering	35,000	35,000					
	Road Base and Surface Repair Program	200,000	200,000					
	Road Reconstruction - Canboro: Haist St to Pelham St	1,770,000	-			1,770,000		
	Road Reconstruction - Emmett St: Pelham St to Station St	85,000	85,000					
	Road Reconstruction - Station St: Hurricane Rd to Hwy 20	660,000	660,000					
	Road Rehabilitation Program	600,000	600,000					
	FUNDING REQUIRED Canboro Road Cycling Initiative	281,400	-				281,400	
	Roadside Ditching Program	100,000	100,000					
	Sign Retro-Reflectivity Assessment	15,000	15,000					
	Stormwater Facility Maintenance	12,000	12,000					
	Streetlights and Traffic Signal Maintenance	55,000	55,000					
		6,876,650	**2,762,711**	**933,800**	**566,239**	**2,332,500**	**281,400**	**-**

Public Works

Roads
20 Year Projected Capital Budget

Projects by Priority (Annual Expenditures)								
Year	**Project Description**	**Budget**	**Reserves**	**Development Charges**	**Gas Tax**	**Debenture**	**Donations & Other Contributions**	**Other Grants**
2025	Concrete Repair & Replacement Program	110,000	110,000					
	Effingham Hwy 20 to Metler Hard Top Surface	1,500,000	1,050,000	450,000				
	Summersides Blvd secondary servicing/landscaping - PHASE 3 (2,289,600 with 3 phases)	763,200	763,200					
	Culvert Replacement Program	60,000	60,000					
	Design - Donahugh Dr: Pelham St to Terrace Heights Crt	60,000	60,000					
	Design - Pinecrest: Hwy 20 to end	63,000	63,000					
	Engineering	35,000	35,000					
	Residential Traffic Calming Initiative	20,000	20,000					
	Road Base and Surface Repair Program	200,000	200,000					
	Road Reconstruction - Quaker Rd: Pelham St to Line Ave	820,000	240,000		580,000			
	Road Extension - Station St: South of Port Robinson Rd	1,402,200	-	1,402,200				
	Road Rehabilitation Program	600,000	300,000					300,000
	Roadside Ditching Program	100,000	100,000					
	Sign Retro-Reflectivity Assessment	15,000	15,000					
	Stormwater Facility Maintenance	12,000	12,000					
	Streetlights and Traffic Signal Maintenance	55,000	55,000					
		5,815,400	**3,083,200**	**1,852,200**	**580,000**	**-**	**-**	**300,000**

Public Works

Roads
20 Year Projected Capital Budget

Projects by Priority (Annual Expenditures)

Year	Project Description	Budget	Reserves	Development Charges	Gas Tax	Debenture	Donations & Other Contributions	Other Grants
2026	Bridge/Culvert Appraisal (legislated)	10,000	10,000					
	Christmas Decoration Replacements	12,000	12,000					
	Concrete Repair & Replacement Program	110,000	110,000					
	Culvert Replacement Program	60,000	60,000					
	Design - Strathcona Dr North and South: Haist St to Moote Ln	110,000	110,000					
	Road Reconstruction - Lorimer St: Hurricane to South Limit	630,000	330,000					300,000
	Engineering	35,000	35,000					
	Pavement Condition Assessment	30,000	30,000					
	Residential Traffic Calming Initiative	20,000	20,000					
	Road Base and Surface Repair Program	200,000	200,000					
	Road Reconstruction - Donahugh Dr: Pelham St to Terrace Heights Crt	600,000	600,000					
	Road Reconstruction - Pinecrest Crt: Hwy 20 to end	630,000	630,000					
	Road Rehabilitation Program	600,000	600,000					
	Roadside Ditching Program	100,000	100,000					
	Sign Retro-Reflectivity Assessment	15,000	15,000					
	Stormwater Facility Maintenance	12,000	12,000					
	Streetlights and Traffic Signal Maintenance	55,000	55,000					
		3,229,000	**2,929,000**	**-**	**-**	**-**	**-**	**300,000**

Public Works

Roads
20 Year Projected Capital Budget

Projects by Priority (Annual Expenditures)

Year	Project Description	Budget	Reserves	Development Charges	Gas Tax	Debenture	Donations & Other Contributions	Other Grants
2027	Christmas Decoration Replacements	12,000	12,000					
	Concrete Repair & Replacement Program	110,000	110,000					
	Culvert Replacement Program	60,000	60,000					
	Design - Hurricane Rd: Chestnut to Hwy 20	100,000	100,000					
	Engineering	35,000	35,000					
	Road Base and Surface Repair Program	200,000	200,000					
	Road Reconstruction - Hurricane Rd: Chestnut to Hwy 20	2,190,000	2,190,000					
	Merritt Rd Pelham St Rice Rd Urbanize Rd Section - Phase 1 of 2	1,750,000	525,000	1,225,000				
	Merritt Rd Pelham St Rice Rd Sidewalk both sides - Phase 1 of 2	316,900	95,070	221,830				
	Road Rehabilitation Program	600,000	600,000					
	Roadside Ditching Program	100,000	100,000					
	Sign Retro-Reflectivity Assessment	15,000	15,000					
	Stormwater Facility Maintenance	12,000	12,000					
	Streetlight Replacement	10,000	10,000					
	Streetlights and Traffic Signal Maintenance	55,000	55,000					
		5,565,900	**4,119,070**	**1,446,830**	**-**	**-**	**-**	**-**

Public Works

Roads
20 Year Projected Capital Budget

Projects by Priority (Annual Expenditures)

Year	Project Description	Budget	Reserves	Development Charges	Gas Tax	Debenture	Donations & Other Contributions	Other Grants
2028	Christmas Decoration Replacements	12,000	12,000					
	Concrete Repair & Replacement Program	110,000	110,000					
	Merritt Rd Pelham St Rice Rd Urbanize Rd Section - Phase 2 of 2	1,750,000	-	1,225,000		525,000		
	Merritt Rd Pelham St Rice Rd Sidewalk both sides - Phase 2 of 2	316,900	95,070	221,830				
	Pelham St Quaker Rd College Traffic Ctrl - Port Robinson	151,600	15,160	136,440				
	Road Resurfacing - Top course asphalt on Port Robinson Rd from Station St to Rice Rd	350,000	105,000	245,000				
	Culvert Replacement Program	60,000	60,000					
	Engineering	35,000	35,000					
	Residential Traffic Calming Initiative	20,000	20,000					
	Road Base and Surface Repair Program	200,000	200,000					
	Road Reconstruction	1,000,000	1,000,000					
	Road Rehabilitation Program	600,000	600,000					
	Roadside Ditching Program	100,000	100,000					
	Sign Retro-Reflectivity Assessment	15,000	15,000					
	Stormwater Facility Maintenance	12,000	12,000					
	Road Reconstruction - Haist Crt: Haist St to limit	260,000	260,000					
	Road Reconstruction - Orchard Pl: Haist St to limit	450,000	450,000					
	Streetlight Replacement	10,000	10,000					
	Streetlights and Traffic Signal Maintenance	55,000	55,000					
		5,507,500	**3,154,230**	**1,828,270**	**-**	**525,000**	**-**	**-**

Public Works

Roads
20 Year Projected Capital Budget

Projects by Priority (Annual Expenditures)

Year	Project Description	Budget	Reserves	Development Charges	Gas Tax	Debenture	Donations & Other Contributions	Other Grants
2029	Christmas Decoration Replacements	12,000	12,000					
	Concrete Repair & Replacement Program	110,000	110,000					
	Culvert Replacement Program	60,000	60,000					
	Engineering	35,000	35,000					
	Residential Traffic Calming Initiative	20,000	20,000					
	Road Base and Surface Repair Program	200,000	200,000					
	Road Reconstruction	1,000,000	-			1,000,000		
	Road Rehabilitation Program	600,000	600,000					
	Roadside Ditching Program	100,000	100,000					
	Sign Retro-Reflectivity Assessment	15,000	15,000					
	Stormwater Facility Maintenance	12,000	12,000					
	Streetlight Replacement	10,000	10,000					
	Streetlights and Traffic Signal Maintenance	55,000	55,000					
		2,229,000	**1,229,000**	**-**	**-**	**1,000,000**	**-**	**-**

Public Works

Roads 20 Year Projected Reserve Balance in Dollars						
	2019	**2020**	**2021**	**2022**	**2023**	**2024**
Projected Reserve (Deficit) - Start of Year	(279,492)	(564,437)	(825,963)	(959,272)	(330,510)	(291,245)
Additions to Reserve						
Contribution from Operating Budget (Note 1)	1,933,395	2,143,000	2,357,000	2,593,000	2,852,000	3,137,000
Reductions in Reserve						
Estimated 2019 Projects Completed	(1,892,117)					
Estimated Prior Year Projects Completed	(326,223)					
Capital Spending (from 20 Year Summary)		(2,404,526)	(2,490,309)	(1,964,238)	(2,812,735)	(2,762,711)
Projected Reserve (Deficit) - End of Year	**(564,437)**	**(825,963)**	**(959,272)**	**(330,510)**	**(291,245)**	**83,044**
Note 1: Annual increase in operating reserve transfer (rounded up to the nearest thousand)		5.0%	10.0%	10.0%	10.0%	10.0%

Public Works

Roads 20 Year Projected Reserve Balance in Dollars	2025	2026	2027	2028	2029
Projected Reserve (Deficit) - Start of Year	83,044	356,844	1,019,844	133,774	(434,456)
Additions to Reserve					
Contribution from Operating Budget (Note 1)	3,357,000	3,592,000	3,233,000	2,586,000	2,069,000
Reductions in Reserve					
Estimated 2019 Projects Completed					
Estimated Prior Year Projects Completed					
Capital Spending (from 20 Year Summary)	(3,083,200)	(2,929,000)	(4,119,070)	(3,154,230)	(1,229,000)
Projected Reserve (Deficit) - End of Year	**356,844**	**1,019,844**	**133,774**	**(434,456)**	**405,544**
Note 1: Annual increase in operating reserve transfer (rounded up to the nearest thousand)	7.0%	7.0%	-10.0%	-20.0%	-20.0%

Public Works

Schedule 16

Fleet
2020 Proposed Capital Budget Summary

Project #	Project Name	Description	Project Importance	2020 Proposed Budget $	FINANCING Development Charges $	Fleet Reserve $	Other $	Other Description	Total Financing $
VEH-01-20	Combined Lease Payments	2018 Lease Payments - Heavy Duty Work Truck with landscape box ($ 15,108), Small SUV Facilities ($ 8,616), Small SUV Building ($ 8,616)	Required fleet resources required maintenance and inspection operations.	32,340	-	23,724	8,616	Building Dept Reserve	32,340
VEH 02-20	Seasonal summer fleet rental	Seasonal rental of summer fleet - 4 Seasonal Vehicles for use in Parks and Facilities (7 months)	Required to support summer staff including parks, trails and horticulture maintenance operations.	25,200	-	25,200	-		25,200
VEH 03-20	Seasonal winter fleet rental	(2) Tractors w/ plow and spreader - Rent 5 month seasonal rent	Required to support winter operations in urban areas. These units replaced an existing inoperable combo plow truck that was not approved for replacement.	25,550	-	25,550	-		25,550
VEH 04-20	Combination Snow Plow & Spreader Unit	Combination Snow Plow & Spreader Unit Replaces Truck 420 - 2001 - Red Circled 2017	Required to replace a 18 year old combo plow truck that is no longer reliable.	320,000	-	240,153	79,847	Municipal Modernization Grant	320,000
VEH 05-20	Work Truck	Work Truck (Replaces Truck 127 - 2006 Ford F-150)	Required to replace a 14-year old unit with 259,146km and fuel efficiency of 18.4L/100Km. This unit has reliability and engine issues.	35,000	-	35,000	-		35,000
VEH 06-20	Offset Boom for Bushhog	Offset Boom for Bushhog	Required to allow for the safe mowing of trail edges and along the top edge of slopes and ditches along trails.	6,000	-	6,000	-		6,000
Total 2020 Proposed Budget				**444,090**	**-**	**355,627**	**88,463**		**444,090**

Public Works

Fleet
20 Year Projected Capital Budget

Projects by Priority (Annual Expenditures)

Year	Project Description	Budget	Reserves	Development Charges	Gas Tax	Debenture	Donations & Other Contributions	Other Grants
2020	2018 Lease Payments - Heavy Duty Work Truck with landscape box ($ 15,108), Small SUV Facilities ($ 8,616), Small SUV Building ($ 8,616)	32,340	23,724				8,616	
	Seasonal rental of summer fleet - 4 Seasonal Vehicles for use in Parks and Facilities (7 months)	25,200	25,200					
	(2) Tractors w/ plow and spreader (Replaced Truck 422 - 2003, 5 Tonne Sterling) - Rent 5 month seasonal rent	25,550	25,550					
	Combination Snow Plow & Spreader Unit Replaces Truck 420 - 2001 - Red Circled 2017	320,000	240,153					79,847
	Work Truck (Replaces Truck 127 - 2006 Ford F-150)	35,000	35,000					
	Offset Boom for Bushhog	6,000	6,000					
		444,090	**355,627**	**-**	**-**	**-**	**8,616**	**79,847**
2021	2018 Lease Payments - Heavy Duty Work Truck with landscape box (15,108.00), Small SUV Facilities (8616.00), Small SUV Building (8616.00)	32,340	23,724				8,616	
	Seasonal rental of summer fleet - 4 Seasonal Vehicles for use in Parks and Facilities (7 months)	25,200	25,200					
	(2) Tractors w/ plow and spreader (Replaced Truck 422 - 2003, 5 Tonne Sterling) - Rent 5 month seasonal rent	25,550	25,550					
	Combination Snow Plow & Spreader (Replaces Truck 431 - 2009 International)	350,000	350,000					
	Small SUV Building (Replaces Unit 104 - 2009 Ford Ranger)	30,000	30,000					
	Small SUV By-Law (Replaces Unit 101 - 2009 Ford Ranger)	30,000	30,000					
	1-ton truck with landscape box (Replaces unit 303 - 2009 GMC 3500)	80,000	80,000					
	Utility Van Water (Replaces 2009 Dodge Sprinter)	60,000	60,000					
	Landscape Tractor (Replaces 2000 Kubota M4700)	60,000	60,000					
	Landscape Trailer	8,000	8,000					

Public Works

Fleet 20 Year Projected Capital Budget								
Projects by Priority (Annual Expenditures)								
Year	**Project Description**	**Budget**	**Reserves**	**Development Charges**	**Gas Tax**	**Debenture**	**Donations & Other Contributions**	**Other Grants**
	Gang Mower 14' (Replaces unit 720 - 2004 Landpride Mower) - deferred from 2020	25,000	25,000					
	Work Truck (Replaces Truck 129 - 2008 Dodge 1500) - deferred from 2020	35,000	35,000					
	Forestry Truck (Replaces Truck 324 2003 Ford 1-ton) - deferred from 2020	120,000	120,000					
	PTO driven Wood Chipper (Replaces Unit 709 - 1994 Bandit Chipper) - deferred from 2020	13,000	13,000					
		894,090	**885,474**	**-**	**-**	**-**	**8,616**	**-**
2022	2018 Lease Payments - Heavy Duty Work Truck with landscape box (13,908.00), Small SUV Facilities (7416.00), Small SUV Building (7416.00)	28,740	21,324				7,416	
	Seasonal rental of summer fleet - 4 Seasonal Vehicles for use in Parks and Facilities (7 months)	25,200	25,200					
	(2) Tractors w/ plow and spreader (Replaced Truck 422 - 2003, 5 Tonne Sterling) - Rent 5 month seasonal rent	25,550	25,550					
	Crew-Cab Truck with Landscape box (Replaces unit 132 - 2009 Dodge 2500)	75,000	75,000					
	Backhoe (Replaces unit 519 - 2003 Case 580 Super M)	165,000	165,000					
	Combination Snow Plow & Spreader (Replaces Truck 403 - 2010 International)	350,000	350,000					
	Wood Chipper (Replaces unit 708 - 2010 Vermeer BC1000XL)	50,000	50,000					
	Compact Tractor (Replaces unit 518 2001 Kubota B7500 & unit 525 2013 Kubota B2920	25,000	25,000					
		744,490	**737,074**	**-**	**-**	**-**	**7,416**	**-**
2023	2018 Lease Payments - Heavy Duty Work Truck with landscape box (13,908.00), Small SUV Facilities (7416.00), Small SUV Building (7416.00)	28,740	21,324				7,416	

Public Works

Fleet
20 Year Projected Capital Budget

Projects by Priority (Annual Expenditures)

Year	Project Description	Budget	Reserves	Development Charges	Gas Tax	Debenture	Donations & Other Contributions	Other Grants
	Seasonal rental of summer fleet - 4 Seasonal Vehicles for use in Parks and Facilities (7 months)	25,200	25,200					
	(2) Tractors w/ plow and spreader (Replaced Truck 422 - 2003, 5 Tonne Sterling) - Rent 5 month seasonal rent	25,550	25,550					
	Combination Snow Plow & Spreader (Replaces Truck 408 - 2010 International)	350,000	350,000					
	Tractor with Snow Plow and Salt Spreader (growth related addition)	170,000	-	170,000				
	1-ton Dump Box (Replaces unit 305 - 2011 Ford F450 Powerstroke)	90,000	90,000					
	Work Truck (Replaces 107 - 2011 Ford F150 3/4 ton)	35,000	35,000					
	Work Truck (Replaces 106 - 2011 Ford F150)	35,000	35,000					
		759,490	**582,074**	**170,000**	**-**	**-**	**7,416**	**-**
2024	2018 Lease Payments - Heavy Duty Work Truck with landscape box (13,908.00), Small SUV Facilities (7416.00), Small SUV Building (7416.00)	28,740	21,324				7,416	
	Seasonal rental of summer fleet - 4 Seasonal Vehicles for use in Parks and Facilities (7 months)	25,200	25,200					
	(2) Tractors w/ plow and spreader (Replaced Truck 422 - 2003, 5 Tonne Sterling) - Rent 5 month seasonal rent	25,550	25,550					
	Work Truck Replaces 107 - 2011 Ford F150 3/4 ton	35,000	35,000					
	Work Truck Replaces 106 - 2011 Ford F150	35,000	35,000					
	Small SUV Replaces 105 - 2012 Ford Super Cab	30,000	30,000					
	1-ton Dump Box (Replaces unit 325 - 2011 Ford F450 Powerstroke)	90,000	90,000					
	Backhoe (Replaces unit 501 - 2009 Cat 416E)	165,000	165,000					
	Leaf Vacuum Trailer (Replaces 2014 Trac-Vac)	5,000	5,000					
	Tandem Axle Combination Snow Plow & Spreader (Replaces unit 409 - 2013 International)	420,000	420,000					

Public Works

Fleet
20 Year Projected Capital Budget

Year	Project Description	Budget	Reserves	Development Charges	Gas Tax	Debenture	Donations & Other Contributions	Other Grants
	Projects by Priority (Annual Expenditures)							
	Shoring Box Trailer (Replaces unit 717 - 2009 Dave Black Built)	11,000	11,000					
		870,490	**863,074**	**-**	**-**	**-**	**7,416**	**-**
2025								
	2018 Lease Payments - Heavy Duty Work Truck with landscape box (13,908.00), Small SUV Facilities (7416.00), Small SUV Building (7416.00)	28,740	21,324				7,416	
	Seasonal rental of summer fleet - 4 Seasonal Vehicles for use in Parks and Facilities (7 months)	25,200	25,200					
	(2) Tractors w/ plow and spreader (Replaced Truck 422 - 2003, 5 Tonne Sterling) - Rent 5 month seasonal rent	25,550	25,550					
	Tandem Axle Combination Snow Plow & Spreader (Replaces unit 410 - 2013 International)	420,000	420,000					
	Combination Snow Plow & Spreader (Growth related addition)	350,000	350,000					
		849,490	**842,074**	**-**	**-**	**-**	**7,416**	**-**
2026								
	2018 Lease Payments - Heavy Duty Work Truck with landscape box (13,908.00), Small SUV Facilities (7416.00), Small SUV Building (7416.00)	28,740	21,324				7,416	
	Seasonal rental of summer fleet - 4 Seasonal Vehicles for use in Parks and Facilities (7 months)	25,200	25,200					
	(2) Tractors w/ plow and spreader (Replaced Truck 422 - 2003, 5 Tonne Sterling) - Rent 5 month seasonal rent	25,550	25,550					
	Hydro-Vac Trailer (Replaces unit 714 - 2010 Vermeer Vacuum Excavator) Life Span Estimate based on current condition	100,000	100,000					
	Lawn Mower (Replaces unit 529 - 2015 John Deere X754)	15,000	15,000					
	48" Zero Turn Mower (Replaces Unit 505 - 2011 Kubota ZD221)	19,000	19,000					

Public Works

Fleet
20 Year Projected Capital Budget

Projects by Priority (Annual Expenditures)

Year	Project Description	Budget	Reserves	Development Charges	Gas Tax	Debenture	Donations & Other Contributions	Other Grants
	60" Zero Turn Mower (Replaces Unit 506 - 2011 Kubota ZD326)	22,000	22,000					
	Park Maintenance Tractor 4x4 (Replaces Unit 507 - 2011 Kubota L5240)	55,000	55,000					
	Loader - (Replaces Unit 523 - 2006 Cat 924)	250,000	250,000					
	Backhoe (Replaces unit 504 - 2010 John Deere 310J) Scheduled Replacement	165,000	165,000					
	Truck and Automotive Diagnostic Computer (Replaces 2016 Purchase)	25,000	25,000					
		730,490	**723,074**	**-**	**-**	**-**	**7,416**	**-**
2027	2018 Lease Payments - Heavy Duty Work Truck with landscape box (13,908.00), Small SUV Facilities (7416.00), Small SUV Building (7416.00)	28,740	21,324				7,416	
	Seasonal rental of summer fleet - 4 Seasonal Vehicles for use in Parks and Facilities (7 months)	25,200	25,200					
	(2) Tractors w/ plow and spreader (Replaced Truck 422 - 2003, 5 Tonne Sterling) - Rent 5 month seasonal rent	25,550	25,550					
	Van with Utility Body - (Replaces unit 225 - 2012 Ford E450)	100,000	100,000					
	Tractor with Snow Plow and Salt Spreader (Replaces unit 528 - 2015 John Deere 6130D)	150,000	150,000					
	Lawn Mower (Replaces unit 530 - 2015 John Deere X754)	15,000	15,000					
		344,490	**337,074**	**-**	**-**	**-**	**7,416**	**-**
2028	2018 Lease Payments - Heavy Duty Work Truck with landscape box (13,908.00), Small SUV Facilities (7416.00), Small SUV Building (7416.00)	28,740	21,324				7,416	
	Seasonal rental of summer fleet - 4 Seasonal Vehicles for use in Parks and Facilities (7 months)	25,200	25,200					

Public Works

Fleet
20 Year Projected Capital Budget

Projects by Priority (Annual Expenditures)

Year	Project Description	Budget	Reserves	Development Charges	Gas Tax	Debenture	Donations & Other Contributions	Other Grants
	Small SUV Replaces unit 004 - 2017 Ford Escape	35,000	35,000					
	Small SUV - Building Department Replaces unit 005 - 2017 Ford Escape	35,000	35,000					
	Van with utility shelving Replacement unit 133 - 2016 Nissan NV200	40,000	40,000					
	Turf Mower (Replaces unit 526 - Kubota GF1800 48")	20,000	20,000					
	Turf Mower (Replaces unit 527 - Kubota GF1800 60")	20,000	20,000					
	Ice Resurfacer (Replaces Unit 712 - 2018 Unit) Scheduled Replacement	110,000	110,000					
	Slip In Poly Tank (Replaces 2016 Purchase)	20,000	20,000					
		333,940	**326,524**	**-**	**-**	**-**	**7,416**	**-**
2029	Seasonal rental of summer fleet - 4 Seasonal Vehicles for use in Parks and Facilities (7 months)	25,200	25,200					
	(2) Tractors w/ plow and spreader (Replaced Truck 422 - 2003, 5 Tonne Sterling) - Rent 5 month seasonal rent	25,550	25,550					
	Small SUV - Building Department (end of 2018 lease)	35,000	35,000					
	Small SUV - Facilities Department (end of 2018 lease)	35,000	35,000					
	Work Truck with Landscape Box (end of 2018 lease)	80,000	80,000					
		200,750	**200,750**	**-**	**-**	**-**	**-**	**-**

Public Works

Fleet
20 Year Projected Reserve Balance
in Dollars

	2019	2020	2021	2022	2023	2024
Projected Reserve (Deficit) - Start of Year	586,289	661,729	616,102	133,628	(58,446)	68,480
Additions to Reserve						
Contribution from Operating Budget (Note 1)	276,060	310,000	403,000	545,000	709,000	851,000
Estimated 2019 Projects Completed	(114,024)					
Estimated Prior Year Projects Completed	(86,596)					
Capital Spending (from 20 Year Summary)		(355,627)	(885,474)	(737,074)	(582,074)	(863,074)
Projected Reserve (Deficit) - End of Year	**661,729**	**616,102**	**133,628**	**(58,446)**	**68,480**	**56,406**
Note 1: Annual increase in operating reserve transfer (rounded up to the nearest thousand)			30.0%	35.0%	30.0%	20.0%

Public Works

Fleet
20 Year Projected Reserve Balance
in Dollars

	2025	2026	2027	2028	2029
Projected Reserve (Deficit) - Start of Year	56,406	(104,668)	(282,742)	(183,816)	(74,340)
Additions to Reserve					
Contribution from Operating Budget (Note 1)	681,000	545,000	436,000	436,000	436,000
Estimated 2019 Projects Completed					
Estimated Prior Year Projects Completed					
Capital Spending (from 20 Year Summary)	(842,074)	(723,074)	(337,074)	(326,524)	(200,750)
Projected Reserve (Deficit) - End of Year	**(104,668)**	**(282,742)**	**(183,816)**	**(74,340)**	**160,910**
Note 1: Annual increase in operating reserve transfer (rounded up to the nearest thousand)	-20.0%	-20.0%	-20.0%	0.0%	0.0%

Schedule 17

Cemeteries
2020 Proposed Capital Budget Summary

Project #	Project Name	Description	Project Importance	2020 Proposed Budget	FINANCING: Development Charges	Cemeteries Reserve	Other	Other Description	Total Financing
				$	$	$	$		$
CEM 01-20	Plumbing Upgrade	Fonthill Cemetery - Replacement and reconfiguration of the backflow preventer and main water shut-off valve.	Existing plumbing condition and configuration is poor. It is utilized to fill tanks for watering, and the hose bibs throughout the cemetery.	6,000	-	6,000	-		6,000
Total 2020 Proposed Budget				**6,000**	**-**	**6,000**	**-**		**6,000**

Public Works

Cemeteries
20 Year Projected Capital Budget

Projects by Priority (Annual Expenditures)

Year	Project Description	Budget	Reserves	Development Charges	Gas Tax	Debenture	Donations & Other Contributions	Other Grants
2020	Fonthill Cemetery - backflow preventer / main water valve - FCA Critical 2017/2025	6,000	6,000					
		6,000	**6,000**	**-**	**-**	**-**	**-**	**-**
2021	Fonthill Cemetery - exit lighting /emergency lighting in maintenance shop; exit lighting in mausoleum	5,000	5,000					
	Fonthill Cemetery - circulation fans /dehumidifiers in mausoleum - carried from 2018	20,000	20,000					
		25,000	**25,000**	**-**	**-**	**-**	**-**	**-**
2022	Fonthill Cemetery - accessibility upgrades	22,000	22,000					
		22,000	**22,000**	**-**	**-**	**-**	**-**	**-**
2023	Hillside Cemetery - cremation garden, pedestrian loop, green burial interment section	161,000	161,000					
		161,000	**161,000**	**-**	**-**	**-**	**-**	**-**
2024	Fonthill Cemetery - yard buffering / reflective area	42,000	42,000					
		42,000	**42,000**	**-**	**-**	**-**	**-**	**-**
2025	Hillside Cemetery - yard buffering / reflective area	39,000	39,000					
		39,000	**39,000**	**-**	**-**	**-**	**-**	**-**
2026	Fonthill and Hillside Cemeteries - entry features	59,000	59,000					
		59,000	**59,000**	**-**	**-**	**-**	**-**	**-**
2027	Fonthill Cemetery - Mausoleum Crypt repairs - FCA Critical 2017 - 2024	23,000	23,000					
		23,000	**23,000**	**-**	**-**	**-**	**-**	**-**
2028	Nothing Scheduled	-	-					
		-	**-**	**-**	**-**	**-**	**-**	**-**
2029	Fonthill Cemetery - roof replacement Mausoleum - FCA Critical 2024	75,000	75,000					
		75,000	**75,000**	**-**	**-**	**-**	**-**	**-**

Public Works

Cemeteries
20 Year Projected Reserve Balance
in Dollars

	2019	2020	2021	2022	2023	2024
Projected Reserve (Deficit) - Start of Year	(68,061)	(70,561)	(53,561)	(41,561)	(3,561)	(68,561)
Additions to Reserve						
Contribution from Operating Budget (Note 1)	20,000	23,000	37,000	60,000	96,000	154,000
Reductions in Reserve						
Estimated 2019 Projects Completed	(2,500)					
Estimated Prior Year Projects Completed	(20,000)					
Capital Spending (from 20 Year Summary)		(6,000)	(25,000)	(22,000)	(161,000)	(42,000)
Projected Reserve (Deficit) - End of Year	**(70,561)**	**(53,561)**	**(41,561)**	**(3,561)**	**(68,561)**	**43,439**
Note 1: Annual increase in operating reserve transfer (rounded up to the nearest thousand)			60.0%	60.0%	60.0%	60.0%

Public Works

Cemeteries
20 Year Projected Reserve Balance
in Dollars

	2025	2026	2027	2028	2029
Projected Reserve (Deficit) - Start of Year	43,439	66,439	32,439	34,439	59,439
Additions to Reserve					
Contribution from Operating Budget (Note 1)	62,000	25,000	25,000	25,000	25,000
Reductions in Reserve					
Estimated 2019 Projects Completed					
Estimated Prior Year Projects Completed					
Capital Spending (from 20 Year Summary)	(39,000)	(59,000)	(23,000)	-	(75,000)
Projected Reserve (Deficit) - End of Year	**66,439**	**32,439**	**34,439**	**59,439**	**9,439**
Note 1: Annual increase in operating reserve transfer (rounded up to the nearest thousand)	-60.0%	-60.0%	0.0%	0.0%	0.0%

Public Works

Schedule 18

Wastewater
2020 Proposed Capital Budget Summary

Project #	Project Name	Description	Project Importance	2020 Proposed Budget	FINANCING: Development Charges	Wastewater Reserve	Other	Other Description	Total Financing
				$	$	$	$		$
WST 01-20	Sanitary I/I Study	Sanitary I/I Study Program - Planned Replacements and Rehabilitation	To comply with I/I Study Recommendations.	100,000	-	100,000	-		100,000
WST 02-20	Lateral Replacement	Sanitary Lateral Replacement Program (5 laterals)	Annual Program.	60,000	-	60,000	-		60,000
WST 03-20	Sanitary Sewer Inspection	Sanitary Sewer Inspection, CCTV and Flushing Program	Annual Program.	74,000	-	74,000	-		74,000
WST 04-20	Sanitary Capital Const.	Sanitary Sewer Capital Construction Adjustments and Repairs	Annual Program.	80,000	-	80,000	-		80,000
WST 05-20	Church Sanitary Upgrades	Church St Sanitary Upgrades - Permits and Reports	Upgrades for development.	50,000	-	50,000	-		50,000
WST 06-20	Foss Sanitary Upgrades	Foss Rd - Sanitary Sewer Installation	Upgrades for development.	800,000	480,000	320,000	-		800,000
Total 2020 Proposed Budget				**1,164,000**	**480,000**	**684,000**	**-**		**1,164,000**

Public Works

Wastewater
20 Year Projected Capital Budget

Projects by Priority (Annual Expenditures)								
Year	**Project Description**	**Budget**	**Reserves**	**Development Charges**	**Gas Tax**	**Debenture**	**Donations & Other Contributions**	**Other Grants**
2020	Sanitary I/I Study Program - Planned Replacements and Rehabilitation	100,000	100,000					
	Sanitary Lateral Replacement Program (5 laterals)	60,000	60,000					
	Sanitary Sewer Inspection, CCTV and Flushing Program	74,000	74,000					
	Sanitary Sewer Capital Construction Adjustments and Repairs	80,000	80,000					
	Church St Sanitary Upgrades - Permits and Reports	50,000	50,000					
	Foss Rd - Sanitary Sewer Installation	800,000	320,000	480,000				
		1,164,000	**684,000**	**480,000**	**-**	**-**	**-**	**-**
2021	Sanitary Lateral Replacement Program (5 laterals)	60,000	60,000					
	Sanitary Sewer Inspection, CCTV and Flushing Program	115,000	115,000					
	Sanitary I/I Study Program - Planned Replacements and Rehabilitation	100,000	100,000					
	Sanitary Sewer Capital Construction Repairs	80,000	80,000					
	Church Street Upgrade existing sewer from 250 to 350mm diam	1,548,000	-	964,800		583,200		
	Deerpark phase 2 upgrade from 350 mm to 450 mm	804,900	-	482,940		321,960		
	Welland Road / Deerpark Sanitary Trenchless Rehabilitation	850,000	-			850,000		
	Sewage Pumping Station Northwest Fenwick - deferred from 2020	600,000	-	600,000				
		4,157,900	**355,000**	**2,047,740**	**-**	**1,755,160**	**-**	**-**
2022	Sanitary I/I Study Program - Planned Replacements and Rehabilitation	100,000	100,000					
	Sanitary Lateral Replacement Program (5 laterals)	60,000	60,000					
	Merritt Road Sewer Main	1,343,400	-	1,343,400				
	Sanitary Sewer Inspection, CCTV and Flushing Program	115,000	115,000					
	Pelham St Square extension new 300 mm to service new developme	745,000	-	745,000				
	Welland Rd upgrade existing sewer from 200mm to 300 mm	879,900	-	527,940		351,960		
	Sanitary Sewer Capital Construction Repairs	80,000	80,000					
	Foss Road Regional Forcemain Project - Culvert Replacements	100,000	100,000					
		3,423,300	**455,000**	**2,616,340**	**-**	**351,960**	**-**	**-**

Public Works

Wastewater
20 Year Projected Capital Budget

Projects by Priority (Annual Expenditures)								
Year	**Project Description**	**Budget**	**Reserves**	**Development Charges**	**Gas Tax**	**Debenture**	**Donations & Other Contributions**	**Other Grants**
2023	Sanitary I/I Study Program - Planned Replacements	70,000	70,000					
	Hurricane Rd upgrade existing Station to Hwy 20	1,535,400	500,530	844,470		190,400		
	Concord upgrade existing	250,000	112,500	137,500				
	Ker Crescent outlet- upgrade existing	496,500	74,475	422,025				
	Sanitary Lateral Replacement Program (5 laterals)	60,000	60,000					
	Sanitary Sewer Inspection, CCTV and Flushing Program	115,000	115,000					
	Sanitary Sewer Capital Construction Repairs	80,000	80,000					
		2,606,900	**1,012,505**	**1,403,995**	**-**	**190,400**	**-**	**-**
2024	Sanitary I/I Study Program - Planned Replacements	70,000	70,000					
	Sanitary Lateral Replacement Program (5 laterals)	60,000	60,000					
	Sanitary Sewer Inspection, CCTV and Flushing Program	115,000	115,000					
	Sanitary Sewer Capital Construction Adjustments and Repairs	80,000	80,000					
		325,000	**325,000**	**-**	**-**	**-**	**-**	**-**
2025	Sanitary I/I Study Program - Planned Replacements	70,000	70,000					
	Sanitary Lateral Replacement Program (5 laterals)	60,000	60,000					
	Sanitary Sewer Inspection, CCTV and Flushing Program	115,000	115,000					
	Sanitary Sewer Capital Construction Adjustments and Repairs	80,000	80,000					
	Sanitary Sewers Model Development Update	10,000	10,000					
		335,000	**335,000**	**-**	**-**	**-**	**-**	**-**
2026	Sanitary I/I Study Program - Planned Replacements	70,000	70,000					
	Sanitary Lateral Replacement Program (5 laterals)	60,000	60,000					
	Provision for potential oversizing	140,000	-	140,000				
	Sanitary Sewer Inspection, CCTV and Flushing Program	115,000	115,000					
	Sanitary Sewer Capital Construction Adjustments and Repairs	80,000	80,000					
		465,000	**325,000**	**140,000**	**-**	**-**	**-**	**-**

Public Works

Wastewater
20 Year Projected Capital Budget

Projects by Priority (Annual Expenditures)								
Year	**Project Description**	**Budget**	**Reserves**	**Development Charges**	**Gas Tax**	**Debenture**	**Donations & Other Contributions**	**Other Grants**
2027	Sanitary I/I Study Program - Planned Replacements	70,000	70,000					
	Sanitary Lateral Replacement Program (5 laterals)	60,000	60,000					
	Sanitary Sewer Inspection, CCTV and Flushing Program	115,000	115,000					
	Sanitary Sewer Capital Construction Adjustments and Repairs	80,000	80,000					
		325,000	**325,000**	**-**	**-**	**-**	**-**	**-**
2028	Sanitary I/I Study Program - Planned Replacements	70,000	70,000					
	Sanitary Lateral Replacement Program (5 laterals)	60,000	60,000					
	Sanitary Sewer Inspection, CCTV and Flushing Program	115,000	115,000					
	Sanitary Sewer Capital Construction Adjustments and Repairs	80,000	80,000					
		325,000	**325,000**	**-**	**-**	**-**	**-**	**-**
2029	Sanitary I/I Study Program - Planned Replacements	70,000	70,000					
	Sanitary Lateral Replacement Program (5 laterals)	60,000	60,000					
	Sanitary Sewer Inspection, CCTV and Flushing Program	115,000	115,000					
	Sanitary Sewer Capital Construction Adjustments and Repairs	80,000	80,000					
		325,000	**325,000**	**-**	**-**	**-**	**-**	**-**

Public Works

Wastewater
20 Year Projected Reserve Balance
in Dollars

	2019	2020	2021	2022	2023	2024
Projected Reserve (Deficit) - Start of Year	804,825	806,728	489,343	572,361	558,478	126,407
Additions to Reserve						
Contribution from Operating Budget (Note 1)	354,149	346,447	425,784	423,946	563,680	681,111
Interest (Note 2)	20,121	20,168	12,234	17,171	16,754	4,424
Reductions in Reserve						
Estimated 2019 Projects Completed	(302,500)					
Estimated Prior Year Projects Completed	(69,867)					
Capital Spending (from 20 Year Summary)		(684,000)	(355,000)	(455,000)	(1,012,505)	(325,000)
Projected Reserve (Deficit) - End of Year	**806,728**	**489,343**	**572,361**	**558,478**	**126,407**	**486,942**

Note 1: Annual increase in operating reserve transfer (rounded up to the nearest thousand)

	2019	2020	2021	2022	2023	2024
Note 2: Estimated interest rate	2.5%	2.5%	2.5%	3.0%	3.0%	3.5%

Note 3: Contribution from operating from 2020 to 2024 as per 2018 BMA Water and Wastewater Financial Plan

Public Works

Wastewater
20 Year Projected Reserve Balance
in Dollars

	2025	2026	2027	2028	2029
Projected Reserve (Deficit) - Start of Year	486,942	850,985	1,242,025	1,648,706	2,071,654
Additions to Reserve					
Contribution from Operating Budget (Note 1)	682,000	682,000	682,000	682,000	682,000
Interest (Note 2)	17,043	34,039	49,681	65,948	82,866
Reductions in Reserve					
Estimated 2019 Projects Completed					
Estimated Prior Year Projects Completed					
Capital Spending (from 20 Year Summary)	(335,000)	(325,000)	(325,000)	(325,000)	(325,000)
Projected Reserve (Deficit) - End of Year	**850,985**	**1,242,025**	**1,648,706**	**2,071,654**	**2,511,520**
Note 1: Annual increase in operating reserve transfer (rounded up to the nearest thousand)	0.0%	0.0%	0.0%	0.0%	0.0%
Note 2: Estimated interest rate	3.5%	4.0%	4.0%	4.0%	4.0%

Note 3: Contribution from operating from 2020 to 2024 as per 2018 I

Public Works

Schedule 19

Water
2020 Proposed Capital Budget Summary

Project #	Project Name	Description	Project Importance	2020 Proposed Budget	FINANCING: Development Charges	FINANCING: Water Reserve	FINANCING: Other	FINANCING: Other Description	FINANCING: Total Financing
				$	$	$	$		$
WTR 01-20	Pelham St Watermain 01	Pelham St Watermain Replacement: College St to Port Robinson Rd	Subject to Grant Funding.	13,122		13,122	-		13,122
WTR 02-20	Repair Equipment	Water System Repair Equipment	Annual Program.	30,000		30,000	-		30,000
Total 2020 Proposed Budget				**43,122**	**-**	**43,122**	**-**		**43,122**

Public Works

Water
20 Year Projected Capital Budget

Projects by Priority (Annual Expenditures)

Year	Project Description	Budget	Reserves	Development Charges	Gas Tax	Debenture	Donations & Other Contributions	Other Grants
2020	Pelham St Watermain Replacement - College St to Port Robinson Rd	13,122	13,122					
	Water System Repair Equipment	30,000	30,000					
		43,122	**43,122**	**-**	**-**	**-**	**-**	**-**
2021	Quaker Rd: Pelham St to Line Ave, Watermain Replacement	184,500	134,500					50,000
	Daleview Upgrade watermain from 150 to 200mm diam	130,000	130,000					
	Water System Repair Equipment	30,000	30,000					
	Pelham St Watermain Replacement - Port Robinson Rd to John St. - deferred from 2020	34,078	34,078					
	Clare Avenue Watermain Replacement - development driven - deferred from 2020	250,000	-					250,000
	Station St: Hurricane Rd to Hwy 20, Watermain Replacement - deferred from 2020	148,500	148,500					
		777,078	**477,078**	**-**	**-**	**-**	**-**	**300,000**
2022	Welland: Canboro Rd to E of Balfour, Watermain Replacement	396,000	-			396,000		
	Design: Pancake: Pelham St to Haist St, Watermain Replacement	39,000	39,000					
	Lorimer Street: Hurricane to South Limit, Watermain Replacement	171,750	-			171,750		
	Pelham St Watermain Replacement - John St to Bacon Lane	400,200	400,200					
	Merritt: Pelham St to Line Ave, Watermain Replacement	164,250	164,250					
	Merritt Road Watermain replacement	1,026,700	-	1,026,700				
	Water System Repair Equipment	30,000	30,000					
		2,227,900	**633,450**	**1,026,700**	**-**	**567,750**	**-**	**-**
2023	Construction: Pancake: Pelham St to Haist St, Watermain Replacement	388,575	388,575					
	Pelham St Watermain Replacement - Bacon Lane to South Limit (Spruceside to Welland Road)	567,400	567,400					
	Water System Repair Equipment	30,000	30,000					
	Water Loading Station Addition - South/West Area Fenwick	100,000	100,000					
		1,085,975	**1,085,975**	**-**	**-**	**-**	**-**	**-**
2024	Canboro: Haist St to Churchill Watermain Upsizing	784,000	627,200	156,800				
	Canboro: Haist St to Pelham St Watermain Replacement	398,250	98,250					300,000
	Emmett Street: Pelham St to Station St, Watermain Replacement	193,500	193,500					
	Pelham St: Welland to south limit, Watermain Replacement	225,000	225,000					
	Orchard Place: Haist Street to limit, Watermain Replacement	101,250	101,250					
	Spencer Lane: Pinecrest Court to North Limit, Watermain Replacement	40,000	40,000					
	Water System Repair Equipment	30,000	30,000					
		1,772,000	**1,315,200**	**156,800**	**-**	**-**	**-**	**300,000**

Public Works

Water
20 Year Projected Capital Budget

Year	Project Description	Budget	Reserves	Development Charges	Gas Tax	Debenture	Donations & Other Contributions	Other Grants
Projects by Priority (Annual Expenditures)								
2025	Station Street Extension, Watermain Construction	450,000	450,000					
	Water Loading Station Replacement - Canboro Road and Effingham	60,000	60,000					
	Water System Repair Equipment	30,000	30,000					
		540,000	**540,000**	**-**	**-**	**-**	**-**	**-**
2026	Damude Dr: Haist St to Terrace Heights Crt, Watermain Replacement	175,500	175,500					
	Donahugh Drive: Pelham St to Terrace Heights Crt, Watermain Replacement	135,000	135,000					
	Haist Court: Haist St to limit, Watermain Replacement	58,500	58,500					
	Pinecrest: Hwy 20 to end, Watermain Replacement	141,750	141,750					
	Water System Repair Equipment	30,000	30,000					
		540,750	**540,750**	**-**	**-**	**-**	**-**	**-**
2027	Water System Repair Equipment	30,000	30,000					
	Watermain Replacement - cast iron replacement program	350,000	350,000					
		380,000	**380,000**	**-**	**-**	**-**	**-**	**-**
2028	Chestnut Ridge Water Pressure Pump Replacement	20,000	20,000					
	Water System Repair Equipment	30,000	30,000					
	Watermain Replacement - cast iron replacement program	400,000	400,000					
		450,000	**450,000**	**-**	**-**	**-**	**-**	**-**
2029	Water System Repair Equipment	30,000	30,000					
	Watermain Replacement - cast iron replacement program	400,000	400,000					
		430,000	**430,000**	**-**	**-**	**-**	**-**	**-**

Public Works

Water
20 Year Projected Reserve Balance
in Dollars

	2019	2020	2021	2022	2023	2024
Projected Reserve (Deficit) - Start of Year	1,224,458	177,336	546,942	655,943	795,752	587,429
Additions to Reserve						
Contribution from Operating (Note 1)	285,334	408,295	572,405	753,581	853,780	1,073,771
Interest (Note 2)	30,611	4,433	13,674	19,678	23,873	20,560
Reductions in Reserve						
Estimated 2019 Projects Completed	(762,524)					
Estimated Prior Year Projects Completed	(600,544)					
Capital Spending (from 20 Year Summary)		(43,122)	(477,078)	(633,450)	(1,085,975)	(1,315,200)
Projected Reserve (Deficit) - End of Year	**177,336**	**546,942**	**655,943**	**795,752**	**587,429**	**366,560**
Note 2: Estimated interest rate	2.5%	2.5%	2.5%	3.0%	3.0%	3.5%

Note 1: Annual increase in operating reserve transfer (rounded up to the nearest thousand)

Note 3: Contribution from operating from 2020 to 2024 as per 2018 BMA Water and Wastewater Financial Plan

Public Works

Water
20 Year Projected Reserve Balance
in Dollars

	2025	2026	2027	2028	2029
Projected Reserve (Deficit) - Start of Year	366,560	967,390	1,650,336	2,581,349	3,542,603
Additions to Reserve					
Contribution from Operating (Note 1)	1,128,000	1,185,000	1,245,000	1,308,000	1,374,000
Interest (Note 2)	12,830	38,696	66,013	103,254	141,704
Reductions in Reserve					
Estimated 2019 Projects Completed					
Estimated Prior Year Projects Completed					
Capital Spending (from 20 Year Summary)	(540,000)	(540,750)	(380,000)	(450,000)	(430,000)
Projected Reserve (Deficit) - End of Year	**967,390**	**1,650,336**	**2,581,349**	**3,542,603**	**4,628,307**
Note 1: Annual increase in operating reserve transfer (rounded up to the nearest thousand)	5.0%	5.0%	5.0%	5.0%	5.0%
Note 2: Estimated interest rate	3.5%	4.0%	4.0%	4.0%	4.0%

Note 3: Contribution from operating from 2020 to 2024
as per 2018 BMA Water and Wastewater Financial Plan

Community Planning & Development

Schedule 20

Community Planning & Development
2020 Proposed Capital Budget Summary

Project #	Project Name	Description	Project Importance	2020 Proposed Budget	FINANCING: Development Charges	Planning Reserve	Other	Other Description	Total Financing
				$	$	$	$		$
PLN 01-20		Community Benefits Charge Strategy	This strategy will be required as a result of the *More Homes, More Choices Act, 2019*	40,000	-	40,000	-		40,000
Total 2020 Proposed Budget				**40,000**	**-**	**40,000**	**-**		**40,000**

Community Planning & Development

Community Planning & Development
20 Year Projected Capital Budget

Projects by Priority (Annual Expenditures)

Year	Project Description	Budget	Reserves	Development Charges	Gas Tax	Debenture	Donations & Other Contributions	Other Grants
2020	Community Benefit Charge Strategy	40,000	40,000					
		40,000	**40,000**	**-**	**-**	**-**	**-**	**-**
2021	Lot 177 Environmental Impact Study - deferred from 2020	45,000	45,000					
		45,000	**45,000**	**-**	**-**	**-**	**-**	**-**
2022	Official Plan Review and Update	225,000	123,750	101,250				
		225,000	**123,750**	**101,250**	**-**	**-**	**-**	**-**
2023	Development Charge Background Study	40,000	4,000	36,000				
	Downtown Master Plan Study - deferred from 2020	125,000	68,750	56,250				
		165,000	**72,750**	**92,250**	**-**	**-**	**-**	**-**
2024	Zoning By-law Review and Update	100,000	100,000					
		100,000	**100,000**	**-**	**-**	**-**	**-**	**-**
2025	Environmental Impact Study	75,000	7,500	67,500				
		75,000	**7,500**	**67,500**	**-**	**-**	**-**	**-**
2026	Nothing Scheduled	-	-					
		-	**-**	**-**	**-**	**-**	**-**	**-**
2027	Official Plan Review and Update	175,000	175,000					
		175,000	**175,000**	**-**	**-**	**-**	**-**	**-**
2028	Nothing Scheduled	-	-					
		-	**-**	**-**	**-**	**-**	**-**	**-**
2029	Zoning By-law Review and Update	100,000	100,000					
		100,000	**100,000**	**-**	**-**	**-**	**-**	**-**

Community Planning & Development

Community Planning & Development 20 Year Projected Reserve Balance in Dollars						
	2019	**2020**	**2021**	**2022**	**2023**	**2024**
Projected Reserve (Deficit) - Start of Year	(87,847)	(92,670)	12,330	54,330	4,580	(1,170)
Additions to Reserve						
Contribution from Operating Budget (Note 1)	60,000	145,000	87,000	74,000	67,000	61,000
Reductions in Reserve						
Estimated 2019 Projects Completed	(40,000)					
Estimated Prior Year Projects Completed	(24,823)					
Capital Spending (from 20 Year Summary)		(40,000)	(45,000)	(123,750)	(72,750)	(100,000)
Projected Reserve (Deficit) - End of Year	**(92,670)**	**12,330**	**54,330**	**4,580**	**(1,170)**	**(40,170)**
Note 1: Annual increase in operating reserve transfer (rounded up to the nearest thousand)			-40.0%	-15.0%	-10.0%	-10.0%

Community Planning & Development

Community Planning & Development 20 Year Projected Reserve Balance in Dollars	2025	2026	2027	2028	2029
Projected Reserve (Deficit) - Start of Year	(40,170)	13,330	74,330	(39,670)	21,330
Additions to Reserve					
Contribution from Operating Budget (Note 1)	61,000	61,000	61,000	61,000	61,000
Reductions in Reserve					
Estimated 2019 Projects Completed					
Estimated Prior Year Projects Completed					
Capital Spending (from 20 Year Summary)	(7,500)	-	(175,000)	-	(100,000)
Projected Reserve (Deficit) - End of Year	**13,330**	**74,330**	**(39,670)**	**21,330**	**(17,670)**
Note 1: Annual increase in operating reserve transfer (rounded up to the nearest thousand)	0.0%	0.0%	0.0%	0.0%	0.0%

Library Services

Schedule 21

Library Services
2020 Proposed Capital Budget Summary

Project #	Project Name	Description	Project Importance	2020 Proposed Budget	FINANCING				
					Development Charges	Library Reserve	Other	Other Description	Total Financing
				$	$	$	$		$
LIB 01-20		Computer Services Development	Need to replace public computers that are 6 years old.	7,500	-	7,500	-		7,500
LIB 02-20		Fonthill Renovations: An elevator will be installed on the main floor going to the basement. Staff located in the middle of the main floor where the elevator will go, will be moved to the basement. Shelving and carpeting will need replacing. The middle office where the elevator cuts into will be opened up and made into a makerspace for the public. A kitchenette will be added to the storage room in the Festival Room so that the staff breakroom on the main floor can be repurposed for meeting space. The staff workroom will be renovated to increase accessibility and workflow. Basement will be renovated to change previously unusable work space into staff offices, staff breakroom, and an accessible restroom.	Staff located downstairs are working in conditions that are not accessible as per AODA. An elevator must be installed. (deadline completed by 2025). When an elevator is installed and the basement is renovated, staff can be moved downstairs for repurposed areas that are not usable at this time and public space on the main floor will increase. Renovations for the staff work area on the main floor will be renovated to meet accessibility standards for staff and improve workflow. At this time, the space provided is overcrowded and inaccessible - if we were to have a staff member with accessibility issues we could not accommodate properly within current conditions. Shelving (original shelving from 1987) must be replaced, as it will not hold up to the move created by the elevator and will be replaced with shelving that is considered accessible and will then meet accreditation standards.	505,231	-	-	505,231	$454,708 ICIP Grant (Investing in Canada Infrastructure Program - Community, Culture and Recreation Stream) $50,523 Fundraising	505,231
Total 2020 Proposed Budget				**512,731**	**-**	**7,500**	**505,231**		**512,731**

A Red Circle indicates a project that is on hold, pending grant funding and/or further information for Council, and has not yet been approved by Council.

Library Services

Libraries
20 Year Projected Capital Budget

Projects by Priority (Annual Expenditures)

Year	Project Description	Budget	Reserves	Development Charges	Gas Tax	Debenture	Donations & Other Contributions	Other Grants
2020	Computer Services Development	7,500	7,500					
	Fonthill Basement Renovations	505,231	-					505,231
		512,731	**7,500**	**-**	**-**	**-**	**-**	**505,231**
2021	Computer Services Development	10,000	10,000					
	Furniture & Equipment for additional space	10,000						10,000
		20,000	**10,000**	**-**	**-**	**-**	**-**	**10,000**
2022	Computer Services Development	10,000	10,000					
		10,000	**10,000**	**-**	**-**	**-**	**-**	**-**
2023	Computer Services Development	10,000	10,000					
		10,000	**10,000**	**-**	**-**	**-**	**-**	**-**
2024	Computer Services Development	10,000	10,000					
		10,000	**10,000**	**-**	**-**	**-**	**-**	**-**
2025	Computer Services Development	10,000	10,000					
		10,000	**10,000**	**-**	**-**	**-**	**-**	**-**
2026	Computer Services Development	10,000	10,000					
		10,000	**10,000**	**-**	**-**	**-**	**-**	**-**
2027	Computer Services Development	10,000	10,000					
		10,000	**10,000**	**-**	**-**	**-**	**-**	**-**
2028	Computer Services Development	10,000	10,000					
		10,000	**10,000**	**-**	**-**	**-**	**-**	**-**
2029	Computer Services Development	10,000	10,000					
		10,000	**10,000**	**-**	**-**	**-**	**-**	**-**

Library Services

Libraries 20 Year Projected Reserve Balance in Dollars	2019	2020	2021	2022	2023	2024
Projected Reserve (Deficit) - Start of Year	93,310	90,308	90,308	90,308	90,308	90,308
Additions to Reserve						
Contribution from Operating Budget (Note 1)	5,000	7,500	10,000	10,000	10,000	10,000
Reductions in Reserve						
Estimated 2019 Projects Completed	(5,000)	-	-	-	-	-
Estimated Prior Year Projects Completed	(3,002)					
Capital Spending (from 20 Year Summary)		(7,500)	(10,000)	(10,000)	(10,000)	(10,000)
Projected Reserve - End of Year	**90,308**	**90,308**	**90,308**	**90,308**	**90,308**	**90,308**

Note 1: Assumes 0% increase in operating reserve transfer from 2021 to 2038.

Library Services

Libraries 20 Year Projected Reserve Balance in Dollars	2025	2026	2027	2028	2029
Projected Reserve (Deficit) - Start of Year	90,308	90,308	90,308	90,308	90,308
Additions to Reserve					
Contribution from Operating Budget (Note 1)	10,000	10,000	10,000	10,000	10,000
Reductions in Reserve					
Estimated 2019 Projects Completed	-	-	-	-	-
Estimated Prior Year Projects Completed					
Capital Spending (from 20 Year Summary)	(10,000)	(10,000)	(10,000)	(10,000)	(10,000)
Projected Reserve - End of Year	**90,308**	**90,308**	**90,308**	**90,308**	**90,308**

Note 1: Assumes 0% increase in operating reserve transfer from 2021 to 2038.

Community Planning & Development

Schedule 22

Municipal Drainage
2020 Proposed Capital Budget Summary

Project #	Project Name	Description	Project Importance	2020 Proposed Budget	FINANCING Development Charges	Planning Reserve	Other	Other Description	Total Financing
				$	$	$	$		$
DRN 01-20		Replace Farm Culverts	Medium.	30,000	-	7,500	22,500	Benefitting property owners	30,000
DRN 02-20		Update Assessment Schedule for Big Creek Drain	High.	65,000	-	25,000	40,000	Benefitting property owners	65,000
Total 2020 Proposed Budget				**95,000**	**-**	**32,500**	**62,500**		**95,000**

Community Planning & Development

Municipal Drainage
20 Year Projected Capital Budget

Year	Project Description	Budget	Reserves	Development Charges	Gas Tax	Debenture	Donations & Other Contributions	Other Grants
2020	Replace Farm Culverts	30,000	7,500				22,500	
	Update Assessment Schedule for Big Creek Drain	65,000	25,000				40,000	
		95,000	**32,500**	**-**	**-**	**-**	**62,500**	**-**
2021	Nothing Scheduled	-	-					
		-	**-**	**-**	**-**	**-**	**-**	**-**
2022	Replace Road Culvert	80,000	80,000					
		80,000	**80,000**	**-**	**-**	**-**	**-**	**-**
2023	Nothing Scheduled	-	-					
		-	**-**	**-**	**-**	**-**	**-**	**-**
2024	Nothing Scheduled	-	-					
		-	**-**	**-**	**-**	**-**	**-**	**-**
2025	Replace Culverts	40,000	40,000					
		40,000	**40,000**	**-**	**-**	**-**	**-**	**-**
2026	Nothing Scheduled	-	-					
		-	**-**	**-**	**-**	**-**	**-**	**-**
2027	Nothing Scheduled	-	-					
		-	**-**	**-**	**-**	**-**	**-**	**-**
2028	Replace Culverts	40,000	40,000					
		40,000	**40,000**	**-**	**-**	**-**	**-**	**-**
2029	Nothing Scheduled	-	-					
		-	**-**	**-**	**-**	**-**	**-**	**-**

Community Planning & Development

Municipal Drainage
20 Year Projected Reserve Balance
in Dollars

	2019	**2020**	**2021**	**2022**	**2023**	**2024**
Projected Reserve (Deficit) - Start of Year	(117,669)	(107,669)	(97,169)	(36,169)	(30,169)	68,831
Additions to Reserve						
	20,000	43,000	61,000	86,000	99,000	20,000
Reductions in Reserve						
Estimated 2019 Projects Completed	(10,000)					
Estimated Prior Year Projects Completed						
Capital Spending (from 20 Year Summary)		(32,500)	-	(80,000)	-	-
Projected Reserve (Deficit) - End of Year	**(107,669)**	**(97,169)**	**(36,169)**	**(30,169)**	**68,831**	**88,831**
Note 1: Annual increase in operating reserve transfer (rounded up to the nearest thousand)			40.0%	40.0%	15.0%	-80.0%

Community Planning & Development

Municipal Drainage 20 Year Projected Reserve Balance in Dollars					
	2025	**2026**	**2027**	**2028**	**2029**
Projected Reserve (Deficit) - Start of Year	88,831	56,831	63,831	70,831	37,831
Additions to Reserve					
	8,000	7,000	7,000	7,000	7,000
Reductions in Reserve					
Estimated 2019 Projects Completed					
Estimated Prior Year Projects Completed					
Capital Spending (from 20 Year Summary)	(40,000)	-	-	(40,000)	-
Projected Reserve (Deficit) - End of Year	**56,831**	**63,831**	**70,831**	**37,831**	**44,831**
Note 1: Annual increase in operating reserve transfer (rounded up to the nearest thousand)	-60.0%	-20.0%	0.0%	0.0%	0.0%