

**DETAILED CAPITAL FINANCIAL PLAN (2019-2023)
CAPITAL EXPENDITURE PLAN**

	2019 Budget	2020 Budget	2021 Budget	2022 Budget	2023 Budget
GENERAL CAPITAL EXPENDITURE SUMMARY					
General Government	220,000	1,040,034	1,040,275	40,523	40,779
Fire Department	136,000	26,780	1,227,583	28,411	29,263
Transportation					
Roads	464,752	364,000	310,000	320,000	333,000
Sidewalks	425,000	274,000	335,000	150,000	40,000
Traffic Services	402,000	1,350,000	350,000	550,000	50,000
Machinery, Equipment & Buildings	660,950	211,000	205,000	205,000	205,000
Storm Sewers	693,800	405,000	275,000	285,000	171,500
	<u>2,646,502</u>	<u>2,604,000</u>	<u>1,475,000</u>	<u>1,510,000</u>	<u>799,500</u>
Waste Collection	5,000	5,000	5,000	5,000	5,000
Parks & Cultural Services	412,195	458,190	85,190	85,190	85,190
	<u>3,419,697</u>	<u>4,134,004</u>	<u>3,833,048</u>	<u>1,669,124</u>	<u>959,732</u>
GENERAL CAPITAL FINANCING SUMMARY					
Reserve Fund					
Gas Tax	518,800	433,034	33,275	8,523	8,779
Equipment Replacement	726,950	200,000	1,400,000	200,000	200,000
Police Bridging Capital Funds	1,122,027	1,397,000	995,000	790,000	50,000
Cowichan Place Reserves	-	-	-	-	-
Other Reserves	66,500	-	-	-	-
Sale of Property	10,000	10,000	10,000	10,000	10,000
	<u>2,444,277</u>	<u>2,040,034</u>	<u>2,438,275</u>	<u>1,008,523</u>	<u>268,779</u>
General Revenue	620,500	631,570	634,773	650,601	680,953
General Operating Surplus	275,070	-	-	-	-
Recoveries	-	-	-	-	-
Contributions from Water and Sewer	48,850	12,400	10,000	10,000	10,000
Grants					
Infrastructure Grants	31,000	1,450,000	750,000	-	-
	<u>3,419,697</u>	<u>4,134,004</u>	<u>3,833,048</u>	<u>1,669,124</u>	<u>959,732</u>

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GENERAL GOVERNMENT						
City Hall Building Capital		15,000	15,000	15,000	15,000	15,000
City Hall Building Capital	surplus	18,000				
City Hall Building Capital	Recovery	5,000	5,000	5,000	5,000	5,000
Office Equipment (Computers etc.)		41,250	9,000	9,000	9,000	9,000
Office Equipment (Computers etc.)	Recovery	13,750	3,000	3,000	3,000	3,000
Office Equipment (Computers etc.)	surplus	8,700				
City Hall Lighting	Gas Tax					
City Hall Lighting	Recovery					
Facility Condition Assessment	Gas Tax					
Facility Condition Assessment	Recovery					
Vadim Software Upgrade						
Vadim Software Upgrade	Recovery					
EV Charging Station (Pay Station)	Gas Tax	7,800	8,034	8,275	8,523	8,779
Cairnsmore Neighbourhood Plan	Gas Tax	20,500				
City Hall Seismic Upgrade Design	surplus	37,500				
City Hall Seismic Upgrade Design						
City Hall Seismic Upgrade Design	Recovery	12,500				
City Hall Seismic Upgrade / Renovations	PBC		250,000	250,000		
City Hall Seismic Upgrade / Renovations	Grant		750,000	750,000		
VSO Building HVAC Upgrade	Reserve	40,000				
Wayfinding Implementation						
		220,000	1,040,034	1,040,275	40,523	40,779
SOURCE OF FINANCING						
General Revenue		56,250	24,000	24,000	24,000	24,000
Grant	Grant	-	750,000	750,000	-	-
General Operating Surplus	Surplus	64,200	-	-	-	-
Recovery from Water/Sewer	Recovery	31,250	8,000	8,000	8,000	8,000
Gas Tax	Gas Tax	28,300	8,034	8,275	8,523	8,779
Police Briding Capital Reserve	PBC	-	250,000	250,000	-	-
Reserves	Reserve	40,000	-	-	-	-
		220,000	1,040,034	1,040,275	40,523	40,779

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FIRE DEPARTMENT						
General Equipment - incl. hose		14,000	14,420	14,853	15,298	15,757
Turn Out Gear		12,000	12,360	12,731	13,113	13,506
Turn Out Gear	Reserve					
Vehicles	Reserve	110,000		1,200,000		
Vehicles	Recovery					
		<u>136,000</u>	<u>26,780</u>	<u>1,227,583</u>	<u>28,411</u>	<u>29,263</u>
SOURCE OF FINANCING						
General Revenue		26,000	26,780	27,583	28,411	29,263
Recovery	Recovery	-	-	-	-	-
Equipment Reserve	Reserve	110,000	-	1,200,000	-	-
		<u>136,000</u>	<u>26,780</u>	<u>1,227,583</u>	<u>28,411</u>	<u>29,263</u>

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PUBLIC WORKS DEPARTMENT						
Survey Monuments	*	30,000				
Small Equipment	*	5,000	5,000	5,000	5,000	5,000
Office Equip - Plotter/Copier	*	9,000	6,000			
Replace #6 Lift Truck	Reserve	95,000				
Replace Mower	Reserve	25,000				
Replace #49 Parks Trailer	Reserve	14,000				
Replace Power Washer	Reserve					
Replace Bylaw Vehicle	Reserve	35,000				
Parking Ticket Dispensers	Parking					
Replace #5 Tandem Dump Truck	Reserve	253,000				
Replace #13 Paint Sprayer	Reserve	11,000				
Replace #51 Parks Trailer	Reserve	3,200				
Replace #52 Pickup	Reserve	40,000				
Replace #36	Reserve					
Replace #46 Grumman Van	Reserve					
Purchase Bagela Paving Machine	Reserve	140,750				
Fuel Station Upgrade	*					
Fuel Station Upgrade	surplus					
FME Desktop Software	*					
Replace equipment	Reserve		200,000	200,000	200,000	200,000
		<u>660,950</u>	<u>211,000</u>	<u>205,000</u>	<u>205,000</u>	<u>205,000</u>
SOURCE OF FINANCING						
General Revenue		26,400	6,600	3,000	3,000	3,000
Recovery	Recovery	-	-	-	-	-
Contributions from Water & Sewer	*	17,600	4,400	2,000	2,000	2,000
Police Bridging Capital Funds	PBC	-	-	-	-	-
Surplus	Surplus	-	-	-	-	-
Parking Reserve	Parking	-	-	-	-	-
Equipment Reserves	Reserve	616,950	200,000	200,000	200,000	200,000
		<u>660,950</u>	<u>211,000</u>	<u>205,000</u>	<u>205,000</u>	<u>205,000</u>

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PAVING						
Trunk Rd St Julien to Festubert						
Alderlea				100,000		
Castle				30,000		
Hemlock			43,000			
Marchmont - Day to Trunk			166,000			
Cairnsmore St - Gov't to Nagle			75,000			
Cairnsmore Roundabout paving			80,000			
Kenneth St - Jubilee to Gov't		75,000				
Pine Ave - Gov't to Gov't						
Pine Ave - Curb and Paving	Surplus	163,870				
Pine Ave - Curb and Paving		225,882				
Campbell St - Marchmont to Trunk					120,000	
Lomas - Campbell to Lakes Lane				100,000		
Ypres - Coronation to Trunk					135,000	
Other Road Rebuilding				80,000	65,000	333,000
		<u>464,752</u>	<u>364,000</u>	<u>310,000</u>	<u>320,000</u>	<u>333,000</u>
SOURCE OF FINANCING						
General Revenue		300,882	364,000	310,000	320,000	333,000
Operating Surpluses	Surplus	163,870	-	-	-	-
		<u>464,752</u>	<u>364,000</u>	<u>310,000</u>	<u>320,000</u>	<u>333,000</u>

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PEDESTRIAN IMPROVEMENTS						
Sidewalk Property Purchases	Property	10,000	10,000	10,000	10,000	10,000
Streetlights on Canada Ave	Gas Tax					
LED Streetlight Upgrades	Gas Tax	25,000	25,000	25,000		
Charles Hoey Railway Crossing	Gas Tax	80,000				
Marchmont - c/g, s/w drainage	PBC		209,000			
Day - Marchmont to Trunk s/w c/g	PBC	230,000				
Crosswalks	Grant	30,000				
Crosswalks	Gas Tax	50,000				
Day Road Sidewalk south of Marchmont						30,000
Campbell Street Sidewalk Trunk to Marchmont					140,000	
TCH Multi-Use Cantilever Bridge (w/Tribes&NC)	PBC		30,000	300,000		
		<u>425,000</u>	<u>274,000</u>	<u>335,000</u>	<u>150,000</u>	<u>40,000</u>
SOURCE OF FINANCING						
General Revenue		-	-	-	140,000	30,000
Property Purchase Reserve	Property	10,000	10,000	10,000	10,000	10,000
Operating Surplus	Surplus	-	-	-	-	-
Gas Tax	Gas Tax	155,000	25,000	25,000	-	-
Police Bridging Capital	PBC	230,000	239,000	300,000	-	-
Grants	Grant	30,000	-	-	-	-
		<u>425,000</u>	<u>274,000</u>	<u>335,000</u>	<u>150,000</u>	<u>40,000</u>

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TRAFFIC IMPROVEMENTS						
One Way Couplet	Parking	10,000				
Underground Parking Options	Parking	9,500				
Elks Parking Lot Patching	Parking					
Canada Ave / Trunk Road Intersection	PBC		250,000			
Government and Kenneth Intersection	PBC	73,227				
Government and Kenneth Intersection		21,773				
Cairnsmore Roundabout Design	Gas Tax	80,000				
Cairnsmore Roundabout (excluding paving)	Grant		700,000			
Cairnsmore Plan Implementation				50,000	50,000	50,000
Downtown Street Revitalization	PBC			50,000	500,000	
Canada Avenue Complete Streets	Gas Tax	50,000	400,000			
Street Improvements from Transportation Plan				165,000		
Street Improvements from Transportation Plan	PBC			85,000		
Trunk Rd at Lakes Rd Traffic Calming	Gas Tax					
Trunk Rd at Lakes Rd Traffic Calming	Grant					
Master Transportation Plan	Gas Tax	147,500				
Beverly TCH Gateway Conceptual Design		10,000				
		402,000	1,350,000	350,000	550,000	50,000
SOURCE OF FINANCING						
General Revenue		31,773	-	215,000	50,000	50,000
Police Bridging Capital Funds	PBC	73,227	250,000	135,000	500,000	
Gas Tax	Gas Tax	277,500	400,000	-	-	-
Grant	Grant	-	700,000	-	-	
Parking Reserve	Parking	19,500	-	-	-	
		402,000	1,350,000	350,000	550,000	50,000

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STORM IMPROVEMENTS						
Storm Catch Basin Upgrades		15,000	15,000	15,000	15,000	15,000
Dike Infrastructure	PBC	93,800				
Storm CCTV	Gas Tax	17,500				
Storm water quality analysis	Gas Tax	40,500				
First and Second St Lane	Surplus					
PW Storm Main Upgrade			150,000			
PW Storm Main Upgrade	PBC		225,000			
Kenneth St - Jubilee to Gov't	Surplus	20,000				
Second St Storm	Surplus					
Hemlock St Curb			15,000			
Marchmont stormwater quality upgrade	PBC	50,000				
Day Road - Marchmont to Trunk		70,000				
Water Level Monitoring Wells		12,000				
Pine Ave North Storm Drainage	PBC	375,000				
Pine Ave North Storm Drainage						
Pine Ave North Storm Drainage	Surplus					
Campbell St - Trunk to Lomas	PBC				240,000	
Lomas Rd Curb	PBC			20,000		
Lomas Rd Campbell to Lakes Lane	PBC			240,000		
Ypres Curb work prior to paving					30,000	
Other Curb work prior to paving						156,500
		<u>693,800</u>	<u>405,000</u>	<u>275,000</u>	<u>285,000</u>	<u>171,500</u>
SOURCE OF FINANCING						
General Revenue		97,000	180,000	15,000	45,000	171,500
Operating Surpluses	Surplus	20,000	-	-	-	-
Police Bridging Capital Funds	PBC	518,800	225,000	260,000	240,000	-
Gas Tax	Gas Tax	58,000	-	-	-	-
		<u>693,800</u>	<u>405,000</u>	<u>275,000</u>	<u>285,000</u>	<u>171,500</u>

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WASTE COLLECTION						
Litter Baskets		5,000	5,000	5,000	5,000	5,000
		5,000	5,000	5,000	5,000	5,000
SOURCE OF FINANCING						
General Revenue		5,000	5,000	5,000	5,000	5,000
		5,000	5,000	5,000	5,000	5,000
PARKS & CULTURAL SERVICES						
General Parks Improvements				10,000	10,000	10,000
Cowichan Aquatic Centre		67,195	15,190	15,190	15,190	15,190
Skate Park Expansion	surplus	27,000				
Skate Park Expansion						
Xmas Decorations		5,000	5,000	5,000	5,000	5,000
New Playground (McAdam Park Plan)	PBC					
McAdam Plan Implementation (2019 Design)	PBC	25,000	175,000	50,000	50,000	50,000
Canvas for Stage Roof	Reserve					
TCH Improvements - River to Ramada	PBC	250,000				
TCH Improvements - River to Ramada						
TCH Improvements - Future Phases	PBC	25,000	258,000			
Canada Ave Washroom	Reserve					
Picnic Tables for Charles Hoey						
Picnic Tables for Charles Hoey	Reserve					
McAdam Park Hot Water Tank	surplus					
Tree Planting		5,000	5,000	5,000	5,000	5,000
PMT Beautification Station St	Grant	1,000				
PMT Beautification Station St	Reserve	7,000				
		412,195	458,190	85,190	85,190	85,190
SOURCE OF FINANCING						
General Revenue		77,195	25,190	35,190	35,190	35,190
Surplus	Surplus	27,000	-	-	-	-
Police Bridging Capital Funds	PBC	300,000	433,000	50,000	50,000	50,000
Reserves	Reserve	7,000	-	-	-	-
Grants	Grant	1,000	-	-	-	-
		412,195	458,190	85,190	85,190	85,190

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SEWER UTILITY CAPITAL						
Shared Capital		19,540	4,960	4,000	4,000	4,000
Lomas St Lift Station Upgrade	Surplus		225,000			
Lomas St Lift Station Upgrade	DCC		75,000			
Inflow and Infiltration		5,000	5,000	5,000	5,000	5,000
Condition and Risk Assessment	Surplus	56,000				
Condition and Risk Assessment		18,000				
JUB Capital - Other	Borrowing		3,399,983			
JUB Capital - Other	Surplus	352,954	80,134			
JUB Capital - Other		304,702	165,824	15,000	15,000	15,000
JUB Capital - Other	Reserves	377,336				
Various Locations				70,000	70,000	70,000
SCADA System Upgrade						
SCADA System Upgrade	Surplus	11,500				
Silver Bridge Trailer Park	Surplus					
Silver Bridge Trailer Park	CCC					
Cowichan Way Lift Station generator changes		9,000				
Wraggs Alley Sewer Main						80,000
Pine St North Sewer Main						
Pine Avenue Sewer Main upgrades		34,000				
Hemlock Spot Repairs			20,000			
Canada / Evans Sewer Main Design		60,000				
Canada / Evans Sewer Main construction	Surplus		330,129			
Canada / Evans Sewer Main construction			269,871			
Day Rd - Marchmont to Trunk		25,000				
Ypres St Main Upgrade					72,000	
Lomas St Spot Repairs				25,000		
Campbell St Spot Repairs					50,000	
Upgrade Mains				335,144	287,567	373,891
		<u>1,273,032</u>	<u>4,575,901</u>	<u>454,144</u>	<u>503,567</u>	<u>547,891</u>

	Funding	2019 Budget	2020 Budget	2021 Budget	2022 Budget	2023 Budget
SOURCE OF FINANCING						
Sewer Revenue Fund		475,242	465,655	454,144	503,567	547,891
Operating Surpluses	Surplus	420,454	635,263	-	-	-
Reserves	Reserves	377,336	-	-	-	-
Grant	grant	-	-	-	-	-
Borrowing		-	3,399,983	-	-	-
Capital Cost Contributions	CCC	-	-	-	-	-
Development Cost Charges	DCC	-	75,000	-	-	-
		<u>1,273,032</u>	<u>4,575,901</u>	<u>454,144</u>	<u>503,567</u>	<u>547,891</u>

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WATER CAPITAL						
Shared Public Works Capital		29,310	7,440	6,000	6,000	6,000
Metering Program						
Commercial metering						
- 1/2 City Residential	Surplus	100,000				
- 1/2 City Residential						
- 1/2 NC Residential	Surplus	200,000				
Well #2 New Roof	Surplus					
Well #4 New Roof						
Well #3 Pump		60,000				
Rebuild pump for spare			30,000			
Eagle Heights Reservoir Repair	Surplus					
Water System Study and Reservoir sizing		112,000				
Eagle Heights Reservoir replacement		600,000				
SCADA System Upgrade	Surplus	11,500				
SCADA System Upgrade						
VFD - one per well	Surplus	150,000				
Electrical Engineering Study	Surplus	25,000				
New Well Feasibility Study	Surplus	60,000				
New Well Feasibility Study						
Water Study Pressure Zones						
Water Model Upgrades						
Gibbins Road	CCC		335,000			
Deuchars Drive						
Deuchars Drive	Surplus	102,000				
Rosewood St/ Sycamore St	Surplus					
Rosewood St/ Sycamore St	CCC					
Seine Rd	Surplus	48,000				
Water Maintenance Upgrades						
Jaynes Road watermain	CCC	530,000				
Hemlock - Dogwood to Gov't			90,000			
Pine Avenue Water Main replacement		147,334				
Pine Avenue Water Main replacement	surplus	257,016				
Campbell St - Marchmont to Trunk					175,000	
Lomas - Campbell to Lakes Lane				120,000		
Chesterfield to Beverly			285,000			
Alexander - Howard to Chesterfield			65,000			
Dingwall - Howard to Chesterfield			65,000			
Garden St - Queens to James			180,000			
Ypres - Trunk to Coronation					135,000	
Upgrade Mains			274,191	953,209	808,174	1,168,092
Water Main Sample Testing		40,000	40,000			
		<u>2,472,160</u>	<u>1,371,631</u>	<u>1,079,209</u>	<u>1,124,174</u>	<u>1,174,092</u>
SOURCE OF FINANCING						
Water Revenue Funds		988,644	1,036,631	1,079,209	1,124,174	1,174,092
Water Operating Surpluses	Surplus	953,516	-	-	-	-
Capital Cost Contribution Funds	CCC	530,000	335,000	-	-	-
		<u>2,472,160</u>	<u>1,371,631</u>	<u>1,079,209</u>	<u>1,124,174</u>	<u>1,174,092</u>