

DETAILED FIVE YEAR FINANCIAL PLAN (2017-2022)
CAPITAL EXPENDITURE PLAN

	2017 Budget	2018 Budget	2019 Budget	2020 Budget	2021 Budget	2022 Budget
GENERAL CAPITAL EXPENDITURE SUMMARY						
General Government	194,711	91,710	37,177	37,358	37,542	37,730
Fire Department	690,000	29,450	67,914	78,391	28,883	29,389
Transportation						
Roads	452,081	620,000	342,000	295,000	352,122	369,728
Sidewalks	389,628	60,000	70,000	60,000	60,000	60,000
Traffic Services	191,572	50,000	125,000	348,616	100,000	106,088
Machinery, Equipment & Buildings	1,088,000	168,340	193,297	103,788	18,000	75,000
Storm Sewers	537,540	560,000	300,000	190,000	165,000	171,500
	<u>2,658,821</u>	<u>1,458,340</u>	<u>1,030,297</u>	<u>997,404</u>	<u>695,122</u>	<u>782,316</u>
Waste Collection	5,000	5,000	5,000	5,000	5,000	5,000
Parks & Cultural Services	<u>370,592</u>	<u>51,390</u>	<u>45,190</u>	<u>45,190</u>	<u>45,190</u>	<u>50,190</u>
	<u>3,919,124</u>	<u>1,635,890</u>	<u>1,185,578</u>	<u>1,163,342</u>	<u>811,736</u>	<u>904,625</u>
GENERAL CAPITAL FINANCING SUMMARY						
Reserve Fund						
Gas Tax	449,822	129,000	185,000	300,000	50,000	50,000
Equipment Replacement	1,046,000	177,340	240,297	160,788	25,000	82,000
Police Bridging Capital Funds	915,747	690,076	91,270	-	-	-
Cowichan Place Reserves	17,000	-	-	-	-	-
Other Reserves	126,581	-	-	-	-	-
Sale of Property	190,000	10,000	10,000	10,000	10,000	15,000
	<u>2,745,150</u>	<u>1,006,416</u>	<u>526,567</u>	<u>470,788</u>	<u>85,000</u>	<u>147,000</u>
General Revenue	587,424	616,796	647,636	681,052	715,104	750,860
General Operating Surplus	143,421	-	-	-	-	-
Recoveries	375,000	-	-	-	-	-
Contributions from Water and Sewer	53,129	12,678	11,375	11,503	11,633	11,765
Grants						
Infrastructure Grants	15,000	-	-	-	-	-
	<u>3,919,124</u>	<u>1,635,890</u>	<u>1,185,578</u>	<u>1,163,342</u>	<u>811,736</u>	<u>909,625</u>

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CAPITAL EXPENDITURES	Funding	2017 Budget	2018 Budget	2019 Budget	2020 Budget	2021 Budget	2022 Budget
GENERAL GOVERNMENT							
City Hall Building Capital		7,500	18,750	18,802	18,855	18,909	18,964
City Hall Building Capital	Recovery	2,500	6,250	6,375	6,503	6,633	6,765
Office Equipment (Computers etc.)	Recovery	6,251	3,000	3,000	3,000	3,000	3,000
Office Equipment (Computers etc.)		18,750	9,000	9,000	9,000	9,000	9,000
City Hall Lighting	Gas Tax	11,250					
City Hall Lighting	Recovery	3,750					
Facility Condition Assessment	Gas Tax	57,000					
Facility Condition Assessment	Recovery	18,000					
Vadim Software Upgrade		4,282	4,282				
Vadim Software Upgrade	Surplus	6,000					
Vadim Software Upgrade	Recovery	3,428	1,428				
Asset Management Plan	Gas Tax	5,000					
Asset Management Plan	Grant	10,000					
Asset Management Plan	Recovery	5,000					
Cairnsmore Neighbourhood Plan	Gas Tax	16,000	49,000				
Wayfinding Implementation		20,000					
		<u>194,711</u>	<u>91,710</u>	<u>37,177</u>	<u>37,358</u>	<u>37,542</u>	<u>37,730</u>
SOURCE OF FINANCING							
General Revenue		50,532	32,032	27,802	27,855	27,909	27,964
Grant	Grant	10,000	-	-	-	-	-
General Operating Surplus	Surplus	6,000	-	-	-	-	-
Recovery	Recovery	38,929	10,678	9,375	9,503	9,633	9,765
Gas Tax	Gas Tax	89,250	49,000	-	-	-	-
		<u>194,711</u>	<u>91,710</u>	<u>37,177</u>	<u>37,358</u>	<u>37,542</u>	<u>37,730</u>
FIRE DEPARTMENT							
General Equipment		20,000	15,450	15,914	16,391	16,883	17,389
Turn Out Gear (6 each Year)	Reserve	14,000	14,000	12,000	12,000	12,000	12,000
Vehicles	Reserve	500,000		40,000	50,000		
Vehicles	Recovery	150,000					
Hose	Reserve	6,000					
		<u>690,000</u>	<u>29,450</u>	<u>67,914</u>	<u>78,391</u>	<u>28,883</u>	<u>29,389</u>
SOURCE OF FINANCING							
General Revenue		20,000	15,450	15,914	16,391	16,883	17,389
Recovery	Recovery	150,000	-	-	-	-	-
Reserves	Reserve	520,000	14,000	52,000	62,000	12,000	12,000
		<u>690,000</u>	<u>29,450</u>	<u>67,914</u>	<u>78,391</u>	<u>28,883</u>	<u>29,389</u>

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PUBLIC WORKS DEPARTMENT							
Scada Monitoring App	*	9,000					
Small Equipment	*	5,000	5,000	5,000	5,000	5,000	5,000
Undergrounding Hydro	Recovery	225,000					
Undergrounding Hydro	PBC	215,000					
Undergrounding Hydro	Oreserve	100,000					
Replace #36	Reserve	45,000					
Replace #3	Reserve	60,000					
Replace #46	Reserve	140,000					
Replace #66	Reserve	181,000					
Replace #55	Reserve	35,000					
Survey Equipment	Reserve	45,000					
Wood Chipper	Reserve	20,000					
Replace equipment	Reserve	-	163,340	188,297	98,788	13,000	70,000
Fuel Station Upgrade	*	3,200					
Fuel Station Upgrade		4,800					
		<u>1,088,000</u>	<u>168,340</u>	<u>193,297</u>	<u>103,788</u>	<u>18,000</u>	<u>75,000</u>

SOURCE OF FINANCING

General Revenue		7,800	3,000	3,000	3,000	3,000	3,000
Recovery	Recovery	225,000	-	-	-	-	-
Contributions from Water & Sewer	*	14,200	2,000	2,000	2,000	2,000	2,000
Police Bridging Capital Funds	PBC	215,000	-	-	-	-	-
Other Reserves	Oreserve	100,000	-	-	-	-	-
Equipment Reserves	Reserve	526,000	163,340	188,297	98,788	13,000	70,000
		<u>1,088,000</u>	<u>168,340</u>	<u>193,297</u>	<u>103,788</u>	<u>18,000</u>	<u>75,000</u>

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CAPITAL EXPENDITURE PLAN

CAPITAL EXPENDITURES	Funding	2017 Budget	2018 Budget	2019 Budget	2020 Budget	2021 Budget	2022 Budget
ROADS							
First and Second St Lane		<<<<					
First and Second St Lane	Surplus	20,000					
Trunk Rd W. fr TCH to St Julien		126,500					
Trunk Rd Lakes to Olsen		76,000					
Trunk Rd Brae to Duncan		95,000					
Coronation W fr Festubert to St Julien		44,000					
Marchmont - c/g, s/w drainage			209,000				
Marchmont - Day to Trunk			42,924				
Marchmont - Day to Trunk	PBC		77,076				
Day - Marchmont to Trunk s/w c/g	>>			75,730			
Day - Marchmont to Trunk	PBC >>			91,270			
Cairnsmore St - Gov't to Nagle					75,000		
Cairnsmore Roundabout paving					100,000		
Kenneth St - Jubilee to Gov't				75,000			
Hemlock Ave - Gov't to Dogwood			43,000				
Pine Ave - Gov't to Gov't	PBC		113,000				
Campbell St - Marchmont to Trunk	>>>				120,000		
Lomas - Campbell to Lakes Lane	>>>			100,000			
Ypres - Coronation to Trunk			135,000				
Other Road Rebuilding		79,000					
Other Road Rebuilding	Oreserve	11,581		-	-	352,122	369,728
		452,081	620,000	342,000	295,000	352,122	369,728

SOURCE OF FINANCING

General Revenue		420,500	429,924	250,730	295,000	352,122	369,728
Operating Surpluses	Surplus	20,000	-	-	-	-	-
Reserves	Oreserve	11,581					
Police Bridging Capital Funds	PBC	-	190,076	91,270	-	-	-
		452,081	620,000	342,000	295,000	352,122	369,728

CAPITAL EXPENDITURES	Funding	2017 Budget	2018 Budget	2019 Budget	2020 Budget	2021 Budget	2022 Budget
PEDESTRIAN IMPROVEMENTS							
Sidewalk Property Purchases	Property	190,000	10,000	10,000	10,000	10,000	10,000
Streetlights on Canada Ave	Gas Tax	64,000					
Charles Hoey Railway Crossing	Gas Tax	80,000					
Canada Ave Crosswalks	Gas Tax	25,000					
Canada Ave Crosswalks	Grant	5,000					
Second St							
Second St	Surplus	25,628					
Jubilee Traffic Calming	Gas Tax	-		60,000			
Other Sidewalks and Crosswalks	Gas Tax		50,000	-	50,000	50,000	50,000
		389,628	60,000	70,000	60,000	60,000	60,000

SOURCE OF FINANCING

General Revenue		-	-	-	-	-	-
Property Purchase Reserve	Property	190,000	10,000	10,000	10,000	10,000	10,000
Operating Surplus	Surplus	25,628	-	-	-	-	-
Gas Tax	Gas Tax	169,000	50,000	60,000	50,000	50,000	50,000
Grants	Grant	5,000	-	-	-	-	-
		389,628	60,000	70,000	60,000	60,000	60,000

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CAPITAL EXPENDITURE PLAN**

TRAFFIC IMPROVEMENTS

One Way Couplet	Grant/DCC						
Canada Ave / Trunk Road Intersectio	Gas Tax	41,572					
Jubilee Street Traffic Study	Gas Tax		30,000				
Government and Kenneth Intersectio	Gas Tax			75,000			
Cairnsmore Roundabout Design	Gas Tax			50,000			
Cairnsmore Roundabout (excluding p	Gas Tax				250,000		
Other Traffic Improvements					98,616	100,000	106,088
Master Transportation Plan	Gas Tax	150,000					
Canada Ave Gateway Conceptual Design			20,000				
		<u>191,572</u>	<u>50,000</u>	<u>125,000</u>	<u>348,616</u>	<u>100,000</u>	<u>106,088</u>

SOURCE OF FINANCING

General Revenue		-	20,000	-	98,616	100,000	106,088
Gas Tax	Gas Tax	191,572	30,000	125,000	250,000	-	-
Sewer/Water Funds	Recovery	-	-	-	-	-	-
		<u>191,572</u>	<u>50,000</u>	<u>125,000</u>	<u>348,616</u>	<u>100,000</u>	<u>106,088</u>

CAPITAL EXPENDITURES

Funding	2017 Budget	2018 Budget	2019 Budget	2020 Budget	2021 Budget	2021 Budget
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STORM IMPROVEMENTS

Storm Catch Basin Upgrades			15,000	15,000	15,000	15,000	15,000
Dike Infrastructure	PBC	478,747					
First and Second St Lane	Surplus	16,768					
PW Storm Main Upgrade	PBC		200,000				
Second St Storm							
Second St Storm	Surplus	42,025					
Hemlock St Curb			15,000				
Day Road				15,000			
Pine Ave North east of Trunk	PBC		300,000				
Campbell St Curb					25,000		
Campbell St - Trunk to Lomas					150,000		
Lomas Rd Curb				20,000			
Lomas Rd Campbell to Lakes Lane				250,000			
Ypres Curb work prior to paving			30,000				
Other Curb work prior to paving						150,000	156,500
		<u>537,540</u>	<u>560,000</u>	<u>300,000</u>	<u>190,000</u>	<u>165,000</u>	<u>171,500</u>

SOURCE OF FINANCING

General Revenue		-	60,000	300,000	190,000	165,000	171,500
Operating Surpluses	Surplus	58,793	-	-	-	-	-
Police Bridging Capital Funds	PBC	478,747	500,000	-	-	-	-
		<u>537,540</u>	<u>560,000</u>	<u>300,000</u>	<u>190,000</u>	<u>165,000</u>	<u>171,500</u>

CAPITAL EXPENDITURES

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WASTE COLLECTION

Litter Baskets		5,000	5,000	5,000	5,000	5,000	5,000
		<u>5,000</u>	<u>5,000</u>	<u>5,000</u>	<u>5,000</u>	<u>5,000</u>	<u>5,000</u>

SOURCE OF FINANCING

General Revenue		5,000	5,000	5,000	5,000	5,000	5,000
		<u>5,000</u>	<u>5,000</u>	<u>5,000</u>	<u>5,000</u>	<u>5,000</u>	<u>5,000</u>

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PARKS & CULTURAL SERVICES

General Parks Improvements			20,000	20,000	20,000	20,000
Cowichan Aquatic Centre	27,292	15,190	15,190	15,190	15,190	15,190
Skate Park Expansion	3,300	26,200				
Xmas Decorations	5,000	5,000	5,000	5,000	5,000	5,000
Park Security Cameras	CPR	15,000				
Boulevard Tracks N. of Queens		25,000				
Boulevard along tracks north of Queen	Reserve					
Highway Boulevard Landscaping		18,000				
Highway Boulevard Landscaping	PBC	222,000				
Property Purchase	Property					5,000
Canada Ave washroom	Reserve	15,000				
MacAdam Sandpitch conversion	surplus	33,000				
MacAdam Sandpitch conversion	CPR	2,000				
Tree Planting		5,000	5,000	5,000	5,000	5,000
		<u>370,592</u>	<u>51,390</u>	<u>45,190</u>	<u>45,190</u>	<u>45,190</u>
						<u>50,190</u>

SOURCE OF FINANCING

General Revenue		83,592	51,390	45,190	45,190	45,190	50,190
Surplus	Surplus	33,000	-	-	-	-	-
Reserves - Schappert	Reserve	15,000	-	-	-	-	-
Cowichan Place Reserves	CPR	17,000	-	-	-	-	-
Police Bridging Capital Funds	PBC	222,000	-	-	-	-	-
Gas Tax	Gas Tax	-	-	-	-	-	-
		<u>370,592</u>	<u>51,390</u>	<u>45,190</u>	<u>45,190</u>	<u>45,190</u>	<u>50,190</u>

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	Funding	2017 Budget	2018 Budget	2019 Budget	2020 Budget	2021 Budget	2022 Budget
SEWER UTILITY CAPITAL							
Shared Capital		19,721	6,339	5,688	5,751	5,816	5,883
Lomas St Lift Station Upgrade				225,000			
Lomas St Lift Station Upgrade	DCC			75,000			
Inflow and Infiltration		5,000	5,000	5,000	5,000	5,000	5,000
JUB Capital - Other	Borrowing				2,736,237		
JUB Capital - Other	Surplus			284,422			
JUB Capital - Other		243,601	187,634	154,772	261,131	15,000	15,000
JUB Capital - Other	DCC	170,873	635,135				
JUB Capital - Other	Reserves	105,947	484,420				
Various Locations		70,000	70,000	70,000	70,000	70,000	70,000
Silver Bridge Trailer Park	Surplus	46,000					
Silver Bridge Trailer Park	CCC	134,000					
Second Street Main Upgrade	Surplus	338,604					
Second Street Main Upgrade							
Wraggs Alley Sewer Main			80,000				
Pine St North Sewer Main	Surplus		20,000				
Hemlock Spot Repairs			20,000				
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						357,199	403,443
		<u>1,133,746</u>	<u>1,580,528</u>	<u>869,882</u>	<u>3,128,119</u>	<u>453,015</u>	<u>499,326</u>

SOURCE OF FINANCING

Sewer Revenue Fund		338,322	440,973	510,460	391,882	453,015	499,326
Operating Surpluses	Surplus	384,604	20,000	284,422	-	-	-
Reserves	Reserves	105,947	484,420	-	-	-	-
Borrowing		-	-	-	2,736,237	-	-
Capital Cost Contributions	CCC	134,000	-	-	-	-	-
Development Cost Charges	DCC	170,873	635,135	75,000	-	-	-
		<u>1,133,746</u>	<u>1,580,528</u>	<u>869,882</u>	<u>3,128,119</u>	<u>453,015</u>	<u>499,326</u>

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	Funding	2017 Budget	2018 Budget	2019 Budget	2020 Budget	2021 Budget	2022 Budget
WATER CAPITAL							
Shared Public Works Capital		33,407	6,339	5,688	5,751	5,816	5,883
Metering Program							
Commercial metering		25,000					
- 1/2 City Residential	Surplus	26,675					
- 1/2 City Residential		172,177	182,118				
- 1/2 NC Residential	Surplus	702,259	823,560				
Well #2 New Roof		7,000					
Well #4 New Roof		2,000					
Well #5 Pump	Surplus	12,000					
Eagle Heights Reservoir New Roof		6,000					
Spare Well Pump		15,000					
Removal of Gibbins Well		25,000					
Gibbins Tank Reservoir Inspection		20,000					
Water Model Upgrades							
Westview - Grieve to Fairview	CCC			115,000			
Deuchars Drive		55,000	200,000				
Water Model Software		10,000					
Rosewood St/ Sycamore St	Surplus	420,000					
Rosewood St/ Sycamore St	CCC	200,000					
Seine Rd	Surplus	620,000					
Water Maintenance Upgrades							
Upland Ave		325,000					
Hemlock - Dogwood to Gov't				90,000			
Second St - Canada to Centennial		203,709					
Second St - Canada to Centennial	DCC						
Day Rd Watermain				160,000			
Pine Ave - Gov't to Gov't				423,342			
Pine Ave - Gov't to Gov't	Surplus			3,658			
Cairnsmore Roundabout					90,000		
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					750,306	1,058,771	1,103,787
		<u>2,880,227</u>	<u>1,762,017</u>	<u>1,097,688</u>	<u>1,021,057</u>	<u>1,064,587</u>	<u>1,109,670</u>
SOURCE OF FINANCING							
Water Revenue Funds		899,293	938,457	979,030	1,021,057	1,064,587	1,109,670
Water Operating Surpluses	Surplus	1,780,934	823,560	3,658	-	-	-
Capital Cost Contribution Funds	CCC	200,000	-	115,000	-	-	-
Development Costs Charges	DCC	-	-	-	-	-	-
		<u>2,880,227</u>	<u>1,762,017</u>	<u>1,097,688</u>	<u>1,021,057</u>	<u>1,064,587</u>	<u>1,109,670</u>