

**DETAILED FIVE YEAR FINANCIAL PLAN (2016-2020)
CAPITAL EXPENDITURE PLAN**

	2016 Budget	2017 Budget	2018 Budget	2019 Budget	2020 Budget
GENERAL CAPITAL EXPENDITURE SUMMARY					
General Government	119,221	43,171	43,541	38,024	38,221
Fire Department	42,450	562,914	78,391	103,883	104,389
Transportation					
Roads	114,000	206,941	507,000	267,000	332,000
Sidewalks	265,628	67,720	60,000	60,000	60,000
Traffic Services	960,000	125,000	0	50,000	348,616
Machinery, Equipment & Buildings	683,100	355,000	168,340	193,297	103,788
Storm Sewers	1,598,674	230,000	60,000	300,000	190,000
	<u>3,621,402</u>	<u>984,661</u>	<u>795,340</u>	<u>870,297</u>	<u>1,034,404</u>
Waste Collection	5,000	5,000	5,000	5,000	5,000
Parks & Cultural Services	197,236	30,000	25,000	30,000	30,000
	<u>3,985,309</u>	<u>1,625,746</u>	<u>947,272</u>	<u>1,047,203</u>	<u>1,212,014</u>
GENERAL CAPITAL FINANCING SUMMARY					
Reserve Fund					
Gas Tax	662,000	75,000	50,000	100,000	300,000
Equipment Replacement	147,000	897,000	225,340	275,297	185,788
DCCs	-	-	-	-	-
Police Bridging Capital Funds	1,140,974	-	-	-	-
Cowichan Place Reserves	35,000	-	-	-	-
Other Reserves	400,000	-	-	-	-
Storm Reserve	42,545	-	-	-	-
Sale of Property	445,000	50,000	-	-	-
	<u>2,872,519</u>	<u>1,022,000</u>	<u>275,340</u>	<u>375,297</u>	<u>485,788</u>
General Revenue	573,090	601,746	631,832	663,423	696,594
General Operating Surplus	72,700	-	38,100	6,483	27,632
Recoveries	225,000	-	-	-	-
Contributions from Water and Sewer	2,000	2,000	2,000	2,000	2,000
Capital Funds	-	-	-	-	-
Grants					
Infrastructure Grants	10,000	-	-	-	-
Borrowing From Reserves	230,000	-	-	-	-
	<u>3,985,309</u>	<u>1,625,746</u>	<u>947,272</u>	<u>1,047,203</u>	<u>1,212,014</u>

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CAPITAL EXPENDITURES	Funding	2016 Budget	2017 Budget	2018 Budget	2019 Budget	2020 Budget
GENERAL GOVERNMENT						
City Hall Building Capital		25,000	25,460	25,830	26,024	26,221
Office Equipment (Computers etc.)	Reserve					
Office Equipment (Computers etc.)		12,000	12,000	12,000	12,000	12,000
City Hall Lighting	Gas Tax	15,000				
Council Chairs		2,500				
City Hall Heating and Cooling	Gas Tax					
City Hall Accessibility Modifications	Grant					
City Hall Accessibility Modifications						
Vadim Software Upgrade		14,721	5,711	5,711		
Asset Management Plan	Gas Tax	10,000				
Asset Management Plan	Grant	10,000				
Wayfinding Implementation		30,000				
		<u>119,221</u>	<u>43,171</u>	<u>43,541</u>	<u>38,024</u>	<u>38,221</u>
SOURCE OF FINANCING						
General Revenue		84,221	43,171	43,541	38,024	38,221
Grant	Grant	10,000	-	-	-	-
General Operating Surplus	Surplus	-	-	-	-	-
Recovery	Recovery	-	-	-	-	-
Gas Tax	Gas Tax	25,000	-	-	-	-
Police Bridging Capital Reserve	PBC	-	-	-	-	-
Reserves	Reserve	-	-	-	-	-
		<u>119,221</u>	<u>43,171</u>	<u>43,541</u>	<u>38,024</u>	<u>38,221</u>
FIRE DEPARTMENT						
General Equipment		15,450	15,914	16,391	16,883	17,389
Turn Out Gear (6 each Year)	Reserve	12,000	12,000	12,000	12,000	12,000
Rest of Hall Roof	PBC					
Vehicles	Reserve		535,000	50,000	75,000	75,000
Lockers and Appliances		15,000				
Hall Seismic Upgrade	MReserve					
Hall Seismic Upgrade	Reserve					
Hall Seismic Upgrade	PBC					
		<u>42,450</u>	<u>562,914</u>	<u>78,391</u>	<u>103,883</u>	<u>104,389</u>
SOURCE OF FINANCING						
General Revenue		30,450	15,914	16,391	16,883	17,389
Capital Funds (MFA Debt Reserve Fire H	MReserve	-	-	-	-	-
Police Bridging Capital Funds	PBC	-	-	-	-	-
Reserves	Reserve	12,000	547,000	62,000	87,000	87,000
		<u>42,450</u>	<u>562,914</u>	<u>78,391</u>	<u>103,883</u>	<u>104,389</u>

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PUBLIC WORKS DEPARTMENT						
Small Equipment	*	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				
AutoTurn Software		3,100				
Replace #22	Reserve	55,000				
Replace #33	Reserve	35,000				
Replace #36	Reserve	45,000				
Replace equipment	Reserve	-	350,000	163,340	188,297	98,788
		<u>683,100</u>	<u>355,000</u>	<u>168,340</u>	<u>193,297</u>	<u>103,788</u>

SOURCE OF FINANCING

General Revenue		6,100	3,000	3,000	3,000	3,000
Recovery	Recovery	225,000				
Contributions from Water & Sewer	*	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	135,000	350,000	163,340	188,297	98,788
		<u>683,100</u>	<u>355,000</u>	<u>168,340</u>	<u>193,297</u>	<u>103,788</u>

CAPITAL EXPENDITURES	Funding	2016 Budget	2017 Budget	2018 Budget	2019 Budget	2020 Budget
ROADS						
First and Second St Lane - paving gravel		20,000	<<<<			
Coronation, Spot Paving Whistler to TCH		45,000				
Duncan Street Spot Paving		49,000				
Second St - Canada to Centennial Park						
Second St - Canada to Centennial Park	*					
Marchmont - c/g, s/w drainage	>>			209,000		
Marchmont - Day to Trunk	>>			120,000		
Day - Marchmont to Trunk s/w c/g			>>		82,000	
Day - Marchmont to Trunk			>>		78,517	
Day - Marchmont to Trunk	Surplus				6,483	
Cairnsmore St - Government to Nagle	>>					75,000
Paving portion of Cairnsmore Roundabout	>>					100,000
Kenneth St - Jubilee to Government	>>		65,000			
Hemlock Ave - Government to Dogwood	>>			43,000		
Pine Ave - Government to Government			95,000			
Campbell St - Marchmont to Trunk Road			>>>			120,000
Lomas Rd - Campbell St to Lakes Lane			>>>		100,000	
Ypres - Coronation to Trunk				135,000		
Other Road Rebuilding			46,941		-	37,000
		<u>114,000</u>	<u>206,941</u>	<u>507,000</u>	<u>267,000</u>	<u>332,000</u>
SOURCE OF FINANCING						
General Revenue		114,000	206,941	507,000	260,517	332,000
Contributions from Water & Sewer	*	-				
		<u>114,000</u>	<u>206,941</u>	<u>507,000</u>	<u>267,000</u>	<u>332,000</u>

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CAPITAL EXPENDITURES		2016	2017	2018	2019	2020
Funding	Budget	Budget	Budget	Budget	Budget	Budget
PEDESTRIAN IMPROVEMENTS						
Sidewalk Property Purchases	Property	145,000	7,720	10,000	10,000	10,000
Charles Hoey Railway Crossing	Surplus	-				
Charles Hoey Railway Crossing	Gas Tax	80,000				
Second St		25,628				
Government Street Crosswalk	Gas Tax	15,000				
Jubilee Traffic Calming	>>		60,000			
Other Sidewalk and Crosswalk Improveme	Gas Tax			50,000	50,000	50,000
		<u>265,628</u>	<u>67,720</u>	<u>60,000</u>	<u>60,000</u>	<u>60,000</u>
SOURCE OF FINANCING						
General Revenue		25,628	67,720	10,000	10,000	10,000
Property Purchase Reserve	Property	145,000				
Operating Surplus	Surplus	-	-	-	-	-
Gas Tax	Gas Tax	95,000	-	50,000	50,000	50,000
Grants	Grant	-	-	-	-	-
		<u>265,628</u>	<u>67,720</u>	<u>60,000</u>	<u>60,000</u>	<u>60,000</u>
TRAFFIC IMPROVEMENTS						
Canada Ave / Trunk Road Intersection	Gas Tax	50,000				
Canada Ave / Trunk Road Intersection		70,000				
Jubilee Street Traffic Study	Gas Tax	20,000				
Government and Kenneth Intersection	Gas Tax	>>	75,000			
Cairnsmore Roundabout Design	Gas Tax				50,000	
Cairnsmore Roundabout (excluding paving)	Gas Tax					250,000
Coronation Street Traffic Safety Study	Gas Tax	20,000				
Other Traffic Improvement	Surplus					27,632
Other Traffic Improvement						70,984
Canada Ave Gateway Conceptual Design	Surplus	20,000				
Property Purchases	Borrowing	230,000				
Parking Lot Purchase	Parking	250,000				
Property Purchases	Property	300,000	50,000			
		<u>960,000</u>	<u>125,000</u>	<u>-</u>	<u>50,000</u>	<u>348,616</u>
SOURCE OF FINANCING						
General Revenue		70,000	-	-	-	70,984
Operating Surplus	Surplus	20,000	-	-	-	27,632
Reserves - Sale of Property	Property	300,000	50,000	-	-	-
Police Bridging Capital Funds	PBC	-	-	-	-	-
Gas Tax	Gas Tax	90,000	75,000	-	50,000	250,000
Borrowing	Borrowing	230,000				
Parking Reserve	Parking	250,000	-	-	-	-
		<u>960,000</u>	<u>125,000</u>	<u>-</u>	<u>50,000</u>	<u>348,616</u>

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STORM IMPROVEMENTS						
Storm Sewer Upgrade Engineering	Reserve					
Storm Catch Basin Upgrades		20,000	20,000	15,000	15,000	15,000
Dike Infrastructure	PBC	925,974				
Dike Infrastructure	Gas Tax	452,000				
Dike Infrastructure	Surplus	17,700				
First and Second St Lane		37,000				
Second St Concrete prior to paving						
Second St Storm		103,455				
Second St Storm	Reserve	42,545				
Second St Storm	Surplus					
Second St Storm	Recovery					
Hemlock St Curb work prior to paving	>>			6,900		
Hemlock St Curb work prior to paving	Surplus			8,100		
Day Road					15,000	
Pine Ave North east of Trunk	>>		180,000			
Pine Ave Curb work prior to paving	>>		30,000			
Campbell St Curb work prior to paving			>>			25,000
Campbell St - Trunk to Lomas			>>			150,000
Lomas Rd Curb work prior to paving			>>		20,000	
Lomas Rd Campbell to Lakes Lane			>>		250,000	
Ypres Curb work prior to paving	Surplus			30,000		
Ypres Curb work prior to paving						
Other Curb work prior to paving						
		<u>1,598,674</u>	<u>230,000</u>	<u>60,000</u>	<u>300,000</u>	<u>190,000</u>
SOURCE OF FINANCING						
General Revenue		160,455	230,000	21,900	300,000	190,000
Operating Surpluses	Surplus	17,700	-	38,100	-	-
Police Bridging Capital Funds	PBC	925,974	-	-	-	-
Recovery	Recovery	-	-	-	-	-
Gas Tax	Gas Tax	452,000	-	-	-	-
Reserve	Reserve	42,545	-	-	-	-
		<u>1,598,674</u>	<u>230,000</u>	<u>60,000</u>	<u>300,000</u>	<u>190,000</u>

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	Funding	Budget	Budget	Budget	Budget	Budget
WASTE COLLECTION						
Litter Baskets		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>
SOURCE OF FINANCING						
General Revenue		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>
PARKS & CULTURAL SERVICES						
General Parks Improvements			20,000	15,000	20,000	20,000
Cowichan Aquatic Centre		34,236				
Xmas Decorations		5,000	5,000	5,000	5,000	5,000
Park Security Cameras	CPR	15,000				
Station Street Park	Reserve	25,000				
All Star Building clean up	Reserve	10,000				
Boulevard along tracks north of Queens	Reserve	15,000				
Highway Boulevard Landscaping		18,000				
Lights at Heiwa Park						
Canada Ave washroom improvements		15,000				
MacAdam Sandpitch conversion	surplus	35,000				
Tree Planting		5,000	5,000	5,000	5,000	5,000
Outdoor Exercise Equipment	CPR	20,000				
		<u>197,236</u>	<u>30,000</u>	<u>25,000</u>	<u>30,000</u>	<u>30,000</u>
SOURCE OF FINANCING						
General Revenue		77,236	30,000	25,000	30,000	30,000
Surplus	Surplus	35,000	-	-	-	-
Reserves - Schappert	Reserve	50,000	-	-	-	-
Cowichan Place Reserves	CPR	35,000	-	-	-	-
Gas Tax	Gas Tax	-	-	-	-	-
		<u>197,236</u>	<u>30,000</u>	<u>25,000</u>	<u>30,000</u>	<u>30,000</u>

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	Funding	Budget	Budget	Budget	Budget	Budget
SEWER UTILITY CAPITAL						
Shared Public Works Capital		1,000	1,000	1,000	1,000	1,000
Lomas St Lift Station Upgrade	Surplus		>>>		225,000	
Lomas St Lift Station Upgrade	DCC		>>>		75,000	
Inflow and Infiltration- Camera Inspection		5,000				
JUB Capital - Other	borrowing	-	261,354	6,336,205	-	
JUB Capital - Other			70,064	166,886	4,880	
JUB Capital - Other	DCC		715,438			
JUB Capital - Other	Reserves	554,071	115,554		14,702	15,000
Various Locations from Camera Inspection		70,000	70,000	70,000	70,000	70,000
Inspection Camera	Surplus	15,000				
Silver Bridge Trailer Park	Surplus	46,000				
Silver Bridge Trailer Park	CCC	134,000				
Second Street Main Upgrade	Surplus	264,357				
Second Street Main Upgrade		177,749				
Second Street Main Upgrade	DCC	47,817				
Wraggs Alley Sewer Main Replacement				80,000		
Pine St North Main Replacement			135,000			
Pine St North Main Replacement	Surplus		-			
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			71,933			76,244
		<u>1,314,994</u>	<u>1,440,343</u>	<u>6,746,091</u>	<u>440,582</u>	<u>212,244</u>
SOURCE OF FINANCING						
			-			
Sewer Revenue Fund		253,749	347,997	409,886	125,880	197,244
Operating Surpluses	Surplus	325,357	-	-	225,000	-
Reserves	Reserves	554,071	115,554	-	14,702	15,000
Borrowing		-	261,354	6,336,205	-	-
Capital Cost Contributions	CCC	134,000				
Development Cost Charges	DCC	47,817	715,438	-	75,000	-
		<u>1,314,994</u>	<u>1,440,343</u>	<u>6,746,091</u>	<u>440,582</u>	<u>212,244</u>

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WATER CAPITAL						
Shared Public Works Capital		1,000	1,000	1,000	1,000	1,000
Metering Program						
Commercial metering	Surplus	75,000				
- 1/2 City Residential	Surplus	544,115	372,708			
- 1/2 City Residential		292,885	175,739			
- 1/2 NC Residential	Surplus			188,465		
- 1/2 NC Residential				249,038	627,450	
- 1/2 NC Residential	Surplus			15,161	378,228	
- All Eagle Heights and Tribes Residential			-			
Well #2 Flow Meter		15,000				
Well #3 Generator		15,000				
Well #4 New Roof		16,000				
Well #5 Pump		35,000				
Well #6 New Roof		6,000				
Clean up and Removal of Gibbins Well		25,000				
Gibbins Tank Reservoir Inspection		20,000				
Water Model Upgrades						
Westview - Grieve to Fairview	CCC			>>>	115,000	
Deuchars Drive		>>>	200,000			
Emergency Chlorination System	Surplus		225,000			
Rosewood St/ Sycamore St		>>>				
Seine Rd	Surplus			375,000		
Water Maintenance Upgrades						
Cedar Ave - Government to Arbutus	Surplus					
James - Canada to Garden						
James - Canada to Garden	ccc					
James - Garden to TCH	Surplus		112,800			
James - Garden to TCH	ccc		207,200			
Upland Ave	Surplus		130,000			
Hemlock - Dogwood to Government		>>>		90,000		
Second St - Canada to Centennial		390,572				
Second St - Canada to Centennial	DCC	16,580				
Day Rd Watermain	Surplus				160,000	
Pine Ave - Government to Government			251,224			
Cairnsmore Roundabout Watermain upgrade						90,000
Campbell St Watermain Marchmont to Trunk			>>>			175,000
St Julien		-				
Lomas Rd Watermain - 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						560,186
		<u>1,452,152</u>	<u>1,675,671</u>	<u>1,468,664</u>	<u>1,581,678</u>	<u>826,186</u>
SOURCE OF FINANCING						
Water Revenue Funds		816,457	852,963	890,038	928,450	826,186
Water Operating Surpluses	Surplus	619,115	615,508	578,626	538,228	-
Capital Cost Contribution Funds	CCC	-	207,200	-	115,000	-
Development Costs Charges	DCC	16,580	-	-	-	-
		<u>1,452,152</u>	<u>1,675,671</u>	<u>1,468,664</u>	<u>1,581,678</u>	<u>826,186</u>