

**DETAILED CAPITAL FINANCIAL PLAN  
CAPITAL EXPENDITURE PLAN**

	<b>2021 Budget</b>	<b>2022 Budget</b>	<b>2023 Budget</b>	<b>2024 Budget</b>	<b>2025 Budget</b>
<b>GENERAL CAPITAL EXPENDITURE SUMMARY</b>					
General Government	496,402	1,067,583	68,411	69,263	70,141
Fire Department	174,050	1,831,930	32,888	33,875	34,891
Transportation					
Roads	460,000	384,000	318,000	327,000	337,000
Sidewalks	456,000	186,200	547,436	523,709	385,020
Traffic Services	1,538,000	525,000	230,000	264,435	244,419
Machinery, Equipment & Buildings	86,850	408,500	205,000	205,000	205,000
Storm Sewers	544,056	325,500	392,000	257,500	307,500
	<u>3,084,906</u>	<u>1,829,200</u>	<u>1,692,436</u>	<u>1,577,644</u>	<u>1,478,939</u>
Waste Collection	5,000	5,000	5,000	5,000	5,000
Parks & Cultural Services	<u>1,958,500</u>	<u>975,190</u>	<u>125,190</u>	<u>125,190</u>	<u>125,190</u>
	<u><u>5,718,858</u></u>	<u><u>5,708,903</u></u>	<u><u>1,923,925</u></u>	<u><u>1,810,972</u></u>	<u><u>1,714,161</u></u>
<b>GENERAL CAPITAL FINANCING SUMMARY</b>					
Reserve Fund					
Gas Tax	465,158	526,573	193,421	115,323	117,283
Equipment Replacement	3,850	2,060,000	200,000	200,000	200,000
Police Bridging Capital Funds	1,328,300	348,227	385,000	405,000	285,000
Other Reserves	55,520	-	-	-	-
DCC	112,000	-	-	-	-
Sale of Property	142,000	10,000	10,000	10,000	10,000
	<u>2,106,828</u>	<u>2,944,800</u>	<u>788,421</u>	<u>730,323</u>	<u>612,283</u>
General Revenue	771,126	666,720	686,078	706,000	727,000
General Operating Surplus	347,974	186,773	-	-	-
Recoveries	-	-	-	-	-
Contributions from Water and Sewer	72,400	69,400	12,000	12,000	12,000
Grants					
Infrastructure Grants	2,412,480	1,841,210	62,426	362,649	362,879
	<u><u>5,710,808</u></u>	<u><u>5,708,903</u></u>	<u><u>1,548,925</u></u>	<u><u>1,810,972</u></u>	<u><u>1,714,161</u></u>

<b>CAPITAL EXPENDITURES</b>	<b>Funding</b>	<b>2021 Budget</b>	<b>2022 Budget</b>	<b>2023 Budget</b>	<b>2024 Budget</b>	<b>2025 Budget</b>
<b>GENERAL GOVERNMENT</b>						
City Hall Building Capital		37,251	15,000	15,000	15,000	15,000
City Hall Building Capital	Recovery	10,775	5,000	5,000	5,000	5,000
City Hall Building Capital		20,000				
City Hall Building Capital	surplus	32,445				
Office Equipment (Computers etc.)		17,775	15,000	15,000	15,000	15,000
Office Equipment (Computers etc.)	Recovery	5,925	5,000	5,000	5,000	5,000
Computer network & hardware upgrades		75,000				
Computer laptop upgrades		30,000				
Folding/Stuffing Machine		2,400				
Folding/Stuffing Machine	Recovery	10,000				
EV Charging Station (2 units on Kenneth St.)	Gas Tax	26,780	27,583	28,411	29,263	30,141
Cairnsmore Neighbourhood Plan	surplus	2,051				
Cairnsmore Neighbourhood Plan	PBC					
Official Community Plan Review		83,400				
Official Community Plan Review	surplus	66,600				
City Hall Seismic Upgrade Design	surplus	52,500				
City Hall Seismic Upgrade Design	Recovery	12,500				
City Hall Seismic Upgrade / Renovations	PBC		250,000			
City Hall Seismic Upgrade / Renovations	Grant		750,000			
Station St & Whistler St workshop & design	surplus					
VSO Building HVAC Upgrade	Reserve	11,000				
		<u>496,402</u>	<u>1,067,583</u>	<u>68,411</u>	<u>69,263</u>	<u>70,141</u>
<b>SOURCE OF FINANCING</b>						
General Revenue		265,826	30,000	30,000	30,000	30,000
Grant	Grant	-	750,000	-	-	-
General Operating Surplus	Surplus	153,596	-	-	-	-
Recovery from Water/Sewer	Recovery	39,200	10,000	10,000	10,000	10,000
Gas Tax	Gas Tax	26,780	27,583	28,411	29,263	30,141
Police Bridging Capital Reserve	PBC	-	250,000	-	-	-
Reserves	Reserve	11,000	-	-	-	-
		<u>496,402</u>	<u>1,067,583</u>	<u>68,411</u>	<u>69,263</u>	<u>70,141</u>

<b>CAPITAL EXPENDITURES</b>	<b>Funding</b>	<b>2021 Budget</b>	<b>2022 Budget</b>	<b>2023 Budget</b>	<b>2024 Budget</b>	<b>2025 Budget</b>
<b>FIRE DEPARTMENT</b>						
General Equipment - incl. hose		14,000	14,420	14,853	15,298	15,757
Turn Out Gear		17,000	17,510	18,035	18,576	19,134
10 new helmets		4,000				
4 new ipads						
Solar panel feasibility analysis	Gas Tax	8,050				
Solar panel installation on fire hall	Reserve	37,520				
Solar panel installation on fire hall	Grant	93,480				
Vehicles	Reserve	-	1,800,000			
		<u>174,050</u>	<u>1,831,930</u>	<u>32,888</u>	<u>33,875</u>	<u>34,891</u>
<b>SOURCE OF FINANCING</b>						
General Revenue		35,000	31,930	32,888	33,875	34,891
Recovery	Recovery	-	-	-	-	-
Gas Tax	Gas Tax	8,050				
Grant	Grant	93,480				
Equipment Reserve/other reserve	Reserve	37,520	1,800,000	-	-	-
		<u>174,050</u>	<u>1,831,930</u>	<u>32,888</u>	<u>33,875</u>	<u>34,891</u>

<b>CAPITAL EXPENDITURES</b>		<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>
<b>PUBLIC WORKS DEPARTMENT</b>	<b>Funding</b>	<b>Budget</b>	<b>Budget</b>	<b>Budget</b>	<b>Budget</b>	<b>Budget</b>
Survey Monuments/control survey	*	20,000				
Small Equipment	*	5,000	5,000	5,000	5,000	5,000
Hoist for PW shop - carried fwd below	*					
New roof for PW building	*					
Office Equip	*					
Fuel Station	*		25,000			
Solar panel installation - PW buildings	*		118,500			
2 new radios	*	3,000				
2021 Orthophotos	*	40,000				
Hoist for PW shop (15k shared with W&S)	*	15,000				
Replace #5 Tandem Dump Truck	Reserve					
Replace #67 Kohler Mower	Reserve					
Replace #56 New Holland backhoe	Reserve					
Replace #59 Pickup	Reserve					
Replace #61 Maintenance trailer	Reserve	3,850				
Replace #1 Single dump truck	Reserve		260,000			
Replace equipment	Reserve	-	-	200,000	200,000	200,000
		<u>86,850</u>	<u>408,500</u>	<u>205,000</u>	<u>205,000</u>	<u>205,000</u>
<b>SOURCE OF FINANCING</b>						
General Revenue		40,800	89,100	3,000	3,000	3,000
Recovery	Recovery	-	-	-	-	-
Contributions from Water & Sewer	*	33,200	59,400	2,000	2,000	2,000
Surplus	Surplus	9,000	-	-	-	-
Equipment Reserves	Reserve	3,850	260,000	200,000	200,000	200,000
		<u>86,850</u>	<u>408,500</u>	<u>205,000</u>	<u>205,000</u>	<u>205,000</u>

<b>CAPITAL EXPENDITURES</b>	<b>Funding</b>	<b>2021 Budget</b>	<b>2022 Budget</b>	<b>2023 Budget</b>	<b>2024 Budget</b>	<b>2025 Budget</b>
<b>PAVING</b>						
Kenneth St - Jubilee to Gov't			57,000			
Kenneth St - Jubilee to Gov't	Surplus		75,000			
Duncan St - Trunk to Coronation Third/Fourth Street Lane						
Cairnsmore - Govt St to Nagle		20,000				
Cairnsmore - Govt St to Nagle	Surplus	80,000				
Cavell St and Jubilee St						
Cavell St and Jubilee St	Surplus	80,000				
Castle			30,000			
Hemlock		80,000				
Marchmont - Day to Trunk		157,000				
Jubilee and 2nd		20,000				
Day - Marchmont to Trunk				280,000		
Lomas - Campbell to Lakes Lane						100,000
Campbell St - Marchmont to Trunk					120,000	
Ypres - Coronation to Trunk						135,000
Other Road Rebuilding / Infill Paving		23,000	222,000	38,000	207,000	102,000
		<u>460,000</u>	<u>384,000</u>	<u>318,000</u>	<u>327,000</u>	<u>337,000</u>
<b>SOURCE OF FINANCING</b>						
General Revenue		300,000	309,000	318,000	327,000	337,000
Operating Surpluses	Surplus	160,000	75,000	-	-	-
		<u>460,000</u>	<u>384,000</u>	<u>318,000</u>	<u>327,000</u>	<u>337,000</u>

<b>CAPITAL EXPENDITURES</b>		<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>
<b>PEDESTRIAN IMPROVEMENTS</b>	<b>Funding</b>	<b>Budget</b>	<b>Budget</b>	<b>Budget</b>	<b>Budget</b>	<b>Budget</b>
Sidewalk Property Purchases	Property	52,000	10,000	10,000	10,000	10,000
Crosswalk Flashers	Grant	7,000	7,210	7,426	7,649	7,879
Crosswalk Flashers	Gas Tax	33,000	33,990	35,010	36,060	37,142
LED Streetlight Upgrades	Gas Tax	25,000	15,000			
Charles Hoey Railway Crossing	Gas Tax	14,000		80,000		
Government and Kenneth Intersection	PBC		73,227			
Government and Kenneth Intersection	surplus		21,773			
Cairnsmore Plan Implementation		25,000	25,000	25,000		
Duncan Street Sidewalk	Gas Tax					
Duncan Street Sidewalk						
Duncan Street Electrical for Lighting and EV Parkin	Gas Tax					
Marchmont - c/g, s/w drainage	PBC	300,000				
Day - Marchmont to Trunk s/w c/g	PBC			230,000		
Campbell Street Sidewalk Trunk to Marchmont	PBC				140,000	
TCH Multi-Use Cantilever Bridge (w/Tribes&NC)	Grant			30,000	330,000	330,000
Day Road Sidewalk south of Marchmont	PBC			130,000		
		<b>456,000</b>	<b>186,200</b>	<b>547,436</b>	<b>523,709</b>	<b>385,020</b>
<b>SOURCE OF FINANCING</b>						
General Revenue		25,000	25,000	25,000	-	-
Property Purchase Reserve	Property	52,000	10,000	10,000	10,000	10,000
Operating Surplus	Surplus	-	21,773	-	-	-
Gas Tax	Gas Tax	72,000	48,990	115,010	36,060	37,142
Police Bridging Capital	PBC	300,000	73,227	360,000	140,000	-
Grants	Grant	7,000	7,210	37,426	337,649	337,879
		<b>456,000</b>	<b>186,200</b>	<b>547,436</b>	<b>523,709</b>	<b>385,020</b>

<b>CAPITAL EXPENDITURES</b>	<b>Funding</b>	<b>2021 Budget</b>	<b>2022 Budget</b>	<b>2023 Budget</b>	<b>2024 Budget</b>	<b>2025 Budget</b>
<b>TRAFFIC IMPROVEMENTS</b>						
Cairnsmore Roundabout Design	Gas Tax					
Cairnsmore Roundabout (excluding paving)	Gas Tax					
Cairnsmore Roundabout (excluding paving)	PBC					
Cairnsmore Roundabout (excluding paving)	DCC	112,000				
Cairnsmore Roundabout (excluding paving)	Grant	1,086,000				
Master Transportation Plan	Gas Tax	200,000				
Third/Fourth Street Lane						
Canada Avenue Complete Streets	Gas Tax	50,000	400,000			
135 Kenneth Street property						
Canada Ave paid parking lot expansion	Property	90,000				
Canada Ave / Trunk Road Traffic Controls			125,000	230,000		
Traffic improvements					264,435	244,419
		<u>1,538,000</u>	<u>525,000</u>	<u>230,000</u>	<u>264,435</u>	<u>244,419</u>
<b>SOURCE OF FINANCING</b>						
General Revenue		-	125,000	230,000	264,435	244,419
Reserves - Sale of Property	Property	90,000	-			
Police Bridging Capital Funds	PBC	-	-	-	-	-
Gas Tax	Gas Tax	250,000	400,000	-	-	-
DCC	DCC	112,000	-	-	-	-
Grant	Grant	1,086,000	-	-	-	-
Parking Reserve	Parking	-	-	-	-	-
		<u>1,538,000</u>	<u>525,000</u>	<u>230,000</u>	<u>264,435</u>	<u>244,419</u>

<b>CAPITAL EXPENDITURES</b>		<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>
	<b>Funding</b>	<b>Budget</b>	<b>Budget</b>	<b>Budget</b>	<b>Budget</b>	<b>Budget</b>
<b>STORM IMPROVEMENTS</b>						
Storm Catch Basin Upgrades		16,000	16,500	17,000	17,500	17,500
Dike Infrastructure	PBC	93,800				
Storm CCTV	Gas Tax	10,565				
Storm water quality analysis	Gas Tax	10,813				
Enhancements to FGA salmon rearing	grant	100,000				
Box Culvert design - Fish Gut Alley		20,000				
Box Culvert construction - Fish Gut Alley	Grant	100,000				
Kenneth St - Drainage and Raingardens	Surplus		20,000			
Kenneth St - Drainage and Raingardens			10,000			
Duncan Street - Drain, Raingardens and Landscapi	Gas Tax					
Second/Third St Lane - drainage						
Second/Third St Lane - drainage	Surplus	13,378				
Third/Fourth Street Laneway - new main	PBC	-				
Whistler Street storm upgrade	Grant		209,000			
PW Storm Main Upgrade						
PW Storm Main Upgrade	DCC			375,000		
Hemlock St Curb		20,000				
Day Road - Marchmont to Trunk	Surplus		70,000			
Marchmont Rd - Day to Trunk		21,000				
Canada Ave Flood Gate, Road & Drainage Upgrd	PBC	95,000				
Water Level Monitoring Wells	PBC	10,000				
Water Level Monitoring Wells	surplus	12,000				
Arbutus Storm	PBC	12,000				
Geotechnical slope assessment	PBC	9,500				
Pine Ave North Storm Drainage	PBC					
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
		<b>544,056</b>	<b>325,500</b>	<b>392,000</b>	<b>257,500</b>	<b>307,500</b>
<b>SOURCE OF FINANCING</b>						
General Revenue		77,000	26,500	17,000	17,500	47,500
Operating Surpluses	Surplus	25,378	90,000	-	-	-
Police Bridging Capital Funds	PBC	220,300	-	-	240,000	260,000
Gas Tax	Gas Tax	21,378	-	-		
Grant	Grant	200,000	209,000			
DCC	DCC	-	-	375,000	-	-
		<b>544,056</b>	<b>325,500</b>	<b>392,000</b>	<b>257,500</b>	<b>307,500</b>



<b>CAPITAL EXPENDITURES</b>		<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>
<b>Funding</b>	<b>Budget</b>	<b>Budget</b>	<b>Budget</b>	<b>Budget</b>	<b>Budget</b>	<b>Budget</b>
<b>WASTE COLLECTION</b>						
Litter Baskets	5,000	5,000	5,000	5,000	5,000	5,000
	5,000	5,000	5,000	5,000	5,000	5,000
<b>SOURCE OF FINANCING</b>						
General Revenue	5,000	5,000	5,000	5,000	5,000	5,000
	5,000	5,000	5,000	5,000	5,000	5,000
<b>PARKS &amp; CULTURAL SERVICES</b>						
General Parks Improvements						
Cowichan Aquatic Centre	2,500	15,190	15,190	15,190	15,190	15,190
Cowichan Aquatic Centre	surplus					
Skate Park Expansion	surplus					
Beverly TCH Gateway Conceptual Design	10,000					
Xmas Decorations	5,000	5,000	5,000	5,000	5,000	5,000
McAdam / Rotary Park	PBC					
McAdam / Rotary Park	PBC	175,000				
McAdam Plan Implementation	Gas Tax	50,000	50,000	50,000	50,000	50,000
McAdam signage & lighting	Gas Tax	20,000				
McAdam natural area improvements	Grant	25,000	25,000	25,000	25,000	25,000
McAdam natural area improvements	PBC	25,000	25,000	25,000	25,000	25,000
Cairnsmore - College St path and Lighting	Gas Tax	25,000				
Station St architectural design	Grant	60,000				
Station St civil design	Grant	25,000				
Station St public space construction	Grant	915,000				
Whistler St public space	Grant		850,000			
TCH Improvements - Silver Bridge to Orig Farm	PBC	490,000				
TCH Improvements - Future Phases	PBC	118,000				
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				
		1,958,500	975,190	125,190	125,190	125,190
<b>SOURCE OF FINANCING</b>						
General Revenue		22,500	25,190	25,190	25,190	25,190
Surplus	Surplus	-	-	-	-	-
Police Bridging Capital Funds	PBC	808,000	25,000	25,000	25,000	25,000
Reserves	Reserve	7,000	-	-	-	-
Gas Tax	Gas Tax	95,000	50,000	50,000	50,000	50,000
Grants	Grant	1,026,000	875,000	25,000	25,000	25,000
		1,958,500	975,190	125,190	125,190	125,190

		2021	2022	2023	2024	2025
	Funding	Budget	Budget	Budget	Budget	Budget
<b>SEWER UTILITY CAPITAL</b>						
Shared Capital		28,960	27,760	4,800	4,800	4,800
Inflow and Infiltration		5,000	5,000	5,000	5,000	5,000
JUB Capital - Outfall Relocation	Borrowing			2,627,799	2,482,584	-
JUB Capital - Outfall Relocation	Surplus	157,200	665,902	1,731,159		
JUB Capital - Outfall Relocation		15,000	49,048	236,032	670,476	
JUB Capital - Outfall Relocation	Reserve			751,000		
SCADA System Upgrade		20,000	6,000	6,180	6,365	
SCADA System Upgrade	Surplus	1,600				
Cowichan Way Lift Station generator changes	Surplus	9,000				
Lomas St Lift Station Upgrade			248,025			
Lomas St Lift Station Upgrade	DCC		51,975			
Wraggs Alley Sewer Main				80,000		
Pine Avenue Sewer Main upgrades	Surplus					
Hemlock Spot Repairs		25,000				
Canada / Evans Sewer Main relining design	Surplus					
Canada / Evans Sewer Main relining						
Canada Ave to Duncan New E&N Sewer Crossing	Surplus	239,000				
Canada Ave to Duncan New E&N Sewer Crossing		340,000				
Duncan St / Queens sewer relining			123,000			
Queens Rd sewer relining				350,000		
Queens / Ypres sewer relining						300,000
Coronation sewer relining						180,000
Day Rd - Marchmont to Trunk	Surplus		25,000			
Cairnsmore roundabout - City portion		33,500				
Cairnsmore roundabout - Grant portion	Grant	33,500				
Whistler Street upgrade			77,000			
Marchmont backup generator	Surplus					
Flow meter - Silver Park		15,000				
Marchmont service inspection chambers		12,000				
Ypres St Main Upgrade						72,000
Lomas St Spot Repairs						25,000
Campbell St Spot Repairs			50,000			
Sewer upgrades - development		74,345	70,000	70,000	70,000	70,000
Sewer Main Relining/Replacement						
		1,009,105	1,398,710	5,861,970	3,239,225	656,800

		2021	2022	2023	2024	2025
	Funding	Budget	Budget	Budget	Budget	Budget
<b>SOURCE OF FINANCING</b>						
Sewer Revenue Fund		568,805	655,833	752,012	756,641	656,800
Operating Surpluses	Surplus	406,800	690,902	1,731,159	-	-
Reserves	Reserve	-	-	751,000	-	-
Grant	grant	33,500				
Borrowing		-	-	2,627,799	2,482,584	-
Capital Cost Contributions	CCC	-	-	-	-	-
		1,009,105	1,398,710	5,861,970	3,239,225	656,800

		2021	2022	2023	2024	2025
	Funding	Budget	Budget	Budget	Budget	Budget
<b>WATER CAPITAL</b>						
Shared Public Works Capital		43,440	41,640	7,200	7,200	7,200
<b>Metering Program</b>						
Commercial metering						
- 1/2 City Residential	Surplus					
- 1/2 City Residential						
- 1/2 NC Residential	Surplus	205,062				
Well #3 Pump	Surplus					
3 iPads for utility crew		3,000				
Rebuild pump for spare						
Water System Study and Reservoir sizing	Surplus	79,784				
Eagle Heights Reservoir replacement		200,000				
Eagle Heights Reservoir replacement	Surplus	600,000				
SCADA System Upgrade	Surplus	5,540				
SCADA System Upgrade		20,000	6,000	6,180	6,365	
Water system operating improvements		150,000	154,500	159,135	163,909	168,826
VFD - one per well	Surplus	64,000	64,000	64,000		
VFD - well#5 carried fwd from 2020	Surplus	64,000				
Electrical Engineering Study	Surplus	25,000				
Fireline meter - Trunk Road		80,000				
Electrical Supply Upgrade Well #3		35,000				
Cairnsmore roundabout - City portion		72,500				
Cairnsmore roundabout - Grant portion	Grant	72,500				
Backup water supply feasibility study		5,500				

**Water Model Upgrades**

Gibbins Road	CCC	200,000				
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**Water Maintenance Upgrades**

Jaynes Road watermain	CCC		530,000			
PW Yard watermain				170,000		
Hemlock - Dogwood to Gov't		100,000				
Kenneth - Jubilee to Government			150,000			
Duncan Street - Water Main replacement						
Marchmont - Trunk to Day - main replacement	surplus	212,000				
Campbell St - Marchmont to Trunk					175,000	
Lakes Road						175,000
Lomas - Campbell to Lakes Lane						120,000
TCH Trail watermain - Silver Bridge to Orig Farm		150,000				
TCH Trail watermain - Silver Bridge to Orig Farm	surplus	75,000				
Minor main upgrades		86,131	106,090	109,273	112,551	115,927
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
Whistler Street water upgrade			171,000			
Upgrade Mains		-	367,708	349,276	280,212	422,318
Upgrade Mains	surplus	350,000				
Water Main Sample Testing	surplus	40,000				
Water Main Sample Testing		41,200	42,436	43,709	45,020	45,020

		<u>2,979,657</u>	<u>1,633,374</u>	<u>1,153,773</u>	<u>1,140,257</u>	<u>1,189,291</u>
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**SOURCE OF FINANCING**

Water Revenue Funds		986,771	1,039,374	1,089,773	1,140,257	1,189,291
Water Operating Surpluses	Surplus	1,720,386	64,000	64,000	-	-
Reserve	Reserve	-	-	-	-	-
Capital Cost Contribution Funds	CCC	200,000	530,000	-	-	-
Grants	Grant	72,500	-			

		<u>2,979,657</u>	<u>1,633,374</u>	<u>1,153,773</u>	<u>1,140,257</u>	<u>1,189,291</u>
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