

Capital Regional District
2020 - Quarter 3 - Capital Plan Report
Projects Greater than \$500,000 (including budget amendments)

As planned or better than plan

Changes to quarter forecast, no revision to annual plan

Project issue

R

Changes to project plan (may result in 2020 Budget Amendment or included in 2021 Capital Plan)

Department	Service Description	Capital Project Title
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Quarter 3					
Q3 Budget	Q3 Forecast	Q3 Actuals	Variance (over) / under	Variance % (over) / under	Q3 Variance Explanation (if necessary)

Total 2020			
Total 2020 Amended Budget (as per approved budget)	Total 2020 Forecast	Total Forecast Variance (over) / under	Total Forecast Variance % (over) / under

Status of Total Project Plan			
Scope	Timing	Budget	Notes

CRD		
Integrated Water Services	Core Area Wastewater Treatment Program	Wastewater Treatment Project
	Core Area Wastewater Treatment Program	IT Capital Purchases
	Core Area Wastewater Treatment Program	New Fleet Purchases
	Regional Water Supply	Sooke Intake Tower Replacement
	Regional Water Supply	Implications from Sooke Dam Safety Review
	Regional Water Supply	Bulk Supply Meter Replacement Program
	JDF Water Distribution	AC Pipe Replacement Program
	JDF Water Distribution	Bear Mountain Parkway Extension Supply Mains
	JDF Water Distribution	Comprehensive Pump Station Upgrades
	JDF Water Distribution	Sun River Reservoir Replacement
	JDF Water Distribution	Residential Service & Meter Replacement Program
	JDF Water Distribution (DCC)	McCallum Pump Station
	North West Trunk Sewer	Trunk Sewer Rehabilitation - Sections 1 & 2
	East Coast Interceptor	Trunk Sewer Repairs and Replacement - Section 3
	Saanich Peninsula Treatment Plant	SPWWTP Replacement of Rotary Presses
	Saanich Peninsula Treatment Plant	Trunk Sewer Relining
	Saanich Peninsula Treatment Plant	Turgoose Pump Station Upgrade

31,064,833	54,202,081	28,025,407	26,176,674	48%	Q3 variance is primarily a result of conveyance contractor and engineering consultant billings being less than planned. Increased expenses forecast in Q4 will partially offset Q3 variance. Project forecasted to be substantially complete in 2020, meeting all required regulatory deadlines by December 31. Any forecast variance will be spent in 2021 on project closeout costs.
350,000	450,000	181,687	268,313	60%	Components seeing order lead time delays, due to supply chain issues. Completion in 2021.
400,000	80,000	130,730	50,730	-63%	Two vans and related tools were delivered in Q3. Remaining vehicle, equipment and kits orders processed in Q3 and Q4, with delivery subject to variable lead times. Project still on budget with completion expected in 2021.
800,000	800,000	295,237	504,763	63%	Project initiated in Q3. Variance due to construction material delayed to Q4. Project forecast to be on budget, with completion in 2021.
143,750	110,000	-	110,000	100%	Project plans for Q3 have been deferred to Q4 and 2021 with no change to scope. Completion in 2021.
230,000	150,000	30,860	119,140	79%	Timing of meter replacements has been revised, and delayed to combine with other work requiring confined space entry and to allocate staff resources to other capital projects.
1,000,000	1,600,000	1,244,218	355,782	22%	Some construction delays in Q3 to Q4. Project to be completed in 2020 on budget.
-	-	-	-	0%	Deferred until 2022 pending DCC funding.
450,000	80,000	102,354	22,354	-28%	Q3 variance based on project scope revised to address pump base failure at Bear Mtn Pump Station. Ludlow Pump Station construction to commence Q4.
400,000	50,000	-	50,000	100%	Project delayed until developer agreement is completed in Q4. Project completion in 2021 instead of 2020.
200,000	200,000	269,710	69,710	-35%	Q3 variance addresses emergency replacement work. 2020 phase of project forecast to be completed on budget.
1,300,000	80,000	94,435	14,435	-18%	Project start was delayed to Q3. Staff resources have been redirected to other projects. Construction moved to 2021.
3,150,000	3,000,000	401,029	2,598,971	87%	Project start was delayed to Q3, due to contractor delays. Forecasted to be complete in 2021.
600,000	600,000	526,703	73,297	12%	Project started in Q2, and forecasted to be complete by Q4.
50,000	60,000	23,520	36,480	61%	Project on scope and budget. Project construction deferred to 2021.
-	-	420	420	-100%	Project delayed to 2021, awaiting sizing assessment report to be completed late 2020.
654,000	200,000	378,934	178,934	-89%	Construction complete, final closeout costs forecasted to be within project scope, timing and budget.

222,973,808	212,918,798	10,055,010	5%
900,000	481,687	418,313	46%
850,000	675,000	175,000	21%
1,800,000	895,237	904,763	50%
575,000	51,656	523,344	91%
600,000	294,165	305,835	51%
4,200,000	4,052,314	147,686	4%
1,500,000	-	1,500,000	100%
1,150,000	561,726	588,274	51%
900,000	15,000	885,000	98%
800,000	796,652	3,348	0%
3,000,000	114,435	2,885,565	96%
3,500,000	808,305	2,691,695	77%
850,000	850,000	-	0%
1,070,000	100,740	969,261	91%
1,100,000	16,212	1,083,788	99%
654,000	654,000	-	0%

			S - on plan T - on plan B - on plan
	R		S - on plan T - project completion in 2021 B - no change to total budget
	R		S - on plan T - construction deferred to 2021 B - no change to total budget
	R		S - on plan T - project completion in 2021 B - no change to total budget
	R		S - on plan T - project completion in 2021 B - no change to total budget
	R		S - on plan T - project completion in 2021 B - no change to total budget
			S - on plan T - on plan B - on plan
	R		S - on plan T - project completion in 2022 B - no change to total budget
			S - increased scope T - on plan B - on plan
	R		S - on plan T - completion deferred to 2021 B - no change to total budget
			S - on plan T - on plan B - on plan
	R		S - on plan T - Construction deferred to 2021: overall project completion still in 2022 B - no change to total budget
	R		S - on plan T - construction deferred to 2021 B - no change to total budget
			S - on plan T - on plan B - on plan
	R		S - on plan T - construction deferred to 2021 B - no change to total budget
	R		S - on plan T - construction deferred to 2021 B - no change to total budget
			S - on plan T - on plan B - better than planned

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	As planned or better than plan
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Department	Service Description	Capital Project Title
Local Services	Community Transportation (SSI)	Pathway Booth Canal to Vesuvius - Phase 2
	Community Transportation (SSI)	North Ganges Transportation Plan
	Community Transportation (SSI)	Fulford Ganges Road Seaview south (Ganges Hill)
	South Galliano Fire (SGI)	South Galliano Fire Hall
	Pender Island Fire Protection (SGI)	New Pumper Truck- replace E27 pumper
	Small Craft Facilities (SGI)	Construction of the Anson Road Facility
	Saturna Island Community Parks (SGI)	Land Acquisition by Donation
	SSI Park Land & Rec Programs	Recreation Centre Expansion
	Magic Lake Sewer Utility (SGI)	Wastewater Improvements Phase 1
Parks & Environmental Services	Regional Parks	Construct E&N Trail Phases 3 & 4
	Regional Parks	Engineering - Todd Creek Trestle
	Regional Parks	Parking Lot SHW
	Regional Parks	Potential Land Acquisition Transactions
	Panorama Recreation	Heat Recovery Plant
	Environmental Resource Management	Aggregate Production for Internal Use
	Environmental Resource Management	Landfill Gas Utilization
	Environmental Resource Management	Gas & Leachate Collection Pipe Extension
	Millstream Site Remediation	Millstream Remediation

Quarter 3					
Q3 Budget	Q3 Forecast	Q3 Actuals	Variance (over) / under	Variance % (over) / under	Q3 Variance Explanation (if necessary)
210,000	50,000	2,664	47,336	95%	Grant funding of \$490K was approved in Q3. Construction tender is expected for Q4. Forecasted completion is in 2021.
1,000,000	1,000,000	1,311,769	- 311,769	-31%	Better than planned progress during Q3 vs Q4. Substantial construction completion is expected by the end of 2020.
250,000	-	-	-	0%	Due to high uncertainties associated with the detail design and timeline from MOTI and funding source for SSI share of the project, this project will not continue in 2020. To be re-evaluated in the future.
816,000	300,000	255,121	44,879	15%	Work continued to be delayed due to challenges in securing sub-trades during COVID-19. Project completion deferred to 2021.
-	-	-	-	0%	Fire Truck Replacement RFP expected to be awarded in Q4, and deposit forecast to be paid in Q4. Project completion deferred to 2021, upon receipt of the truck.
-	430,000	10,367	419,633	98%	Spending and schedule is delayed due to regulatory approval. Requires additional funding due to increased construction cost. Completion deferred to 2021.
-	-	124	- 124	-100%	Minor remaining soft closing cost occurred in Q3. Project complete in Q3.
26,000	26,000	37,724	- 11,724	-45%	Project initiated in Q3 after receipt of UBCM grant. Design work progressed ahead of schedule in Q3. Design work forecasted to be complete in 2020, with construction deferred to 2021. Projection completion in 2022.
150,000	75,000	77,211	- 2,211	-3%	Detailed design work started in Q3, continuing in Q4. Construction work deferred to 2021. Multi-year project forecasted for completion in 2022.
2,412,500	1,203,552	628,071	575,481	48%	Construction delayed in Q3 due to engineering issue with the precast tunnel sections. Issues have been resolved and the project is progressing satisfactorily. Completion is forecast for 2021.
375,000	212,893	439,183	- 226,290	-106%	Better than planned progress on trestle replacement made during Q3. Project nearing completion. Budget amendment required to update carry forward budget from 2019, and residual project closure costs in Q4.
897,170	897,170	623,367	273,803	31%	Q3 variance due to planned September work from the primary contractor being incurred in Q4. Project is anticipated to be substantially complete in Q4 2020.
1,010,000	1,010,000	-	1,010,000	100%	Budget item added in Q2 amendment, to accommodate various land acquisitions that may be negotiated throughout the year. No Acquisitions in Q3.
200,000	-	-	-	0%	Project proceeding is contingent on receipt of grant funding. Forecasted to be deferred to 2021, pending grant funding.
1,000,000	800,000	836,027	- 36,027	-5%	Scope of 2020 planned work reduced due to unavailable storage. Q3 costs in line with forecast. Overall project on track for completion in 2021 as per plan and on budget.
358,750	409,008	59,273	349,735	86%	Gas Utilities and fibre optic contract awarded in Q3, with construction occurring in Q4. Project forecast to be complete in 2020, and on budget.
400,000	250,000	4,672	245,328	98%	Design work has progressed in Q3, with construction and gas pipe procurement starting in Q4. Project forecast to be complete in 2020, and on budget
10,000	200,000	146,395	53,605	27%	Q3 costs incurred for project and construction management. Additional remediation sampling work was identified in Q2, increasing scope and budget in 2021. Project will be complete in 2021.

Total 2020			
Total 2020 Amended Budget (as per approved budget)	Total 2020 Forecast	Total Forecast Variance (over) / under	Total Forecast Variance % (over) / under
700,000	152,664	547,336	78%
2,051,292	2,051,292	-	0%
1,000,000	-	1,000,000	100%
2,040,000	1,397,701	642,299	31%
695,000	69,500	625,500	90%
512,000	326,134	185,866	36%
516,000	515,426	574	0%
624,544	77,831	546,713	
5,000,000	174,208	4,825,793	97%
5,923,500	3,153,982	2,769,518	47%
1,075,000	1,575,000	(500,000)	-47%
1,697,170	1,697,170	(0)	0%
2,020,000	2,020,000	-	0%
2,453,000	-	2,453,000	100%
3,000,000	2,152,403	847,597	28%
750,000	700,515	49,485	7%
700,000	688,287	11,713	2%
842,562	788,106	54,456	6%

Status of Total Project Plan			
Scope	Timing	Budget	Notes
	R		S - on plan T - complete 2021 vs 2020 B - on plan
			S - on plan T - on plan B - 2020 budget amended, on plan
			S - to be re-evaluated in the future T - to be re-evaluated in the future B - to be re-evaluated in the future
	R		S - on plan T - completion deferred to 2021 B - on plan
	R		S - on plan T - completion deferred to 2021 B - on plan
	R	R	S - on plan T - completion deferred to 2021 B - budget revision in 2021
			S - on plan T - on plan B - on plan
	R	R	S - 2020 budget amended, on plan T - completion in 2022 B - budget revision in 2021
	R		S - on plan T - completion in 2022 B - on plan
	R		S - on plan T - revised to 2021 vs 2020 B - no change to total budget
		R	S - on plan T - on plan B - 2020 budget amendment required
			S - on plan T - on plan B - on plan
			S - 2020 budget amended, on plan T - 2020 budget amended, on plan B - 2020 budget amended, on plan
	R		S - on plan T - defer to 2021 for grant application B - on plan
	R		S - reduced due to unavailable storage T - some work deferred to 2021 B - no change to total budget
			S - on plan T - on plan B - on plan
			S - on plan T - on plan B - on plan
	R	R	S - increased scope T - revised to 2021 vs 2020 B - budget revision in 2021

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Department	Service Description	Capital Project Title
Planning & Protective Services	Land Banking & Housing	RHFP - Spencer Road (Langford) (CRD/CMHC/CRHC)
	Land Banking & Housing	RHFP - West Park (View Royal) (CRD/CMHC/CRHC)
		Total Projects >\$500k
		Total Projects <\$500K
		Total Projects

CRHD		
Planning & Protective Services	Capital Regional Hospital District	Summit at Quadra Village
		Total Projects >\$500k
		Total Projects <\$500K; Capital Grants
		Total Projects

CRHC		
Planning & Protective Services	Regional Housing	Michigan redevelopment Housing
		Caledonia Redevelopment Housing
		Routine Capital Replacement
		Westview Apartment Building
		Total Projects >\$500k
		Total Projects <\$500K
		Total Projects

Quarter 3					
Q3 Budget	Q3 Forecast	Q3 Actuals	Variance (over) / under	Variance % (over) / under	Q3 Variance Explanation (if necessary)
-	-	3,541	- 3,541	-100%	Minor fees incurred in Q3. Project on track for Q4, no change to forecast.
-	-	705,958	- 705,958	-100%	Deposit of \$700k paid, and minnor fees incurred. Project on track for competition in Q4, and on budget.
49,908,003	68,525,704	36,846,711	31,678,993	46%	

-	-	98,747	- 537,335	438,588	-100%	Variance is due to VIHA invoice for energy rebates and refundable deposits recognized in Q3, expected to be returned in Q4. Project will be complete in 2020.
-	-	98,747	- 537,335	438,588	-444%	

262,500	103,060	21,407	81,653	79%	Waiting on municipal approval process and securing of remaining project funding before engaging remaining consultants and advancing design. Construction deferred to Q4 2021.
100,000	329,234	39,607	289,627	88%	Design timelines deferred to Q4 and 2021. due to longer than expected rezoning process. Construction costs from 2020 phase of mult year project deferred to future years.
596,540	596,540	391,963	204,577	34%	Routine upgrades of housing townhouses and apt buildings are affected by tenant move outs, trades availability, weather, and access to suites during COVID-19. Some costs deferred to 2021-2024 routine capital plan.
-	250,000	7,461	242,539	97%	Multi-year construction project complete. Residual costs forecasted for Q4, with total project completion forecasted under budget.
959,040	1,278,834	460,438	818,396	64%	

Total 2020			
Total 2020 Amended Budget (as per approved budget)	Total 2020 Forecast	Total Forecast Variance (over) / under	Total Forecast Variance % (over) / under
37,929,518	37,929,518	-	0%
41,673,485	41,673,485	(0)	0%
357,625,879	320,429,148	37,196,731	10%
41,049,689			
398,675,568			

5,261,359	4,596,036	665,323	13%
5,261,359	4,596,036	665,323	13%
27,187,009			
32,448,368			

1,050,000	107,287	942,713	90%
4,900,000	431,140	4,468,860	91%
2,386,160	1,453,423	932,737	39%
5,611,069	3,580,092	2,030,977	36%
13,947,229	5,571,942	8,375,287	60%
10,000			
13,957,229			

Status of Total Project Plan			
Scope	Timing	Budget	Notes
			S - on plan T - on plan B - on plan
			S - on plan T - on plan B - on plan

			S - on plan T - on plan B - on plan
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	R		S - on plan T - construction deferred to 2021 B - no change to total budget
	R		S - on plan T - construction costs deferred to 2021 B - no change to total budget
	R		S - on plan T - some costs deferred to 2021-2024 B - on plan
			S - on plan T - on plan B - forecasted better than plan