

Budget Presentations 2018

Special Council Meeting

March 21 & 22, 2018

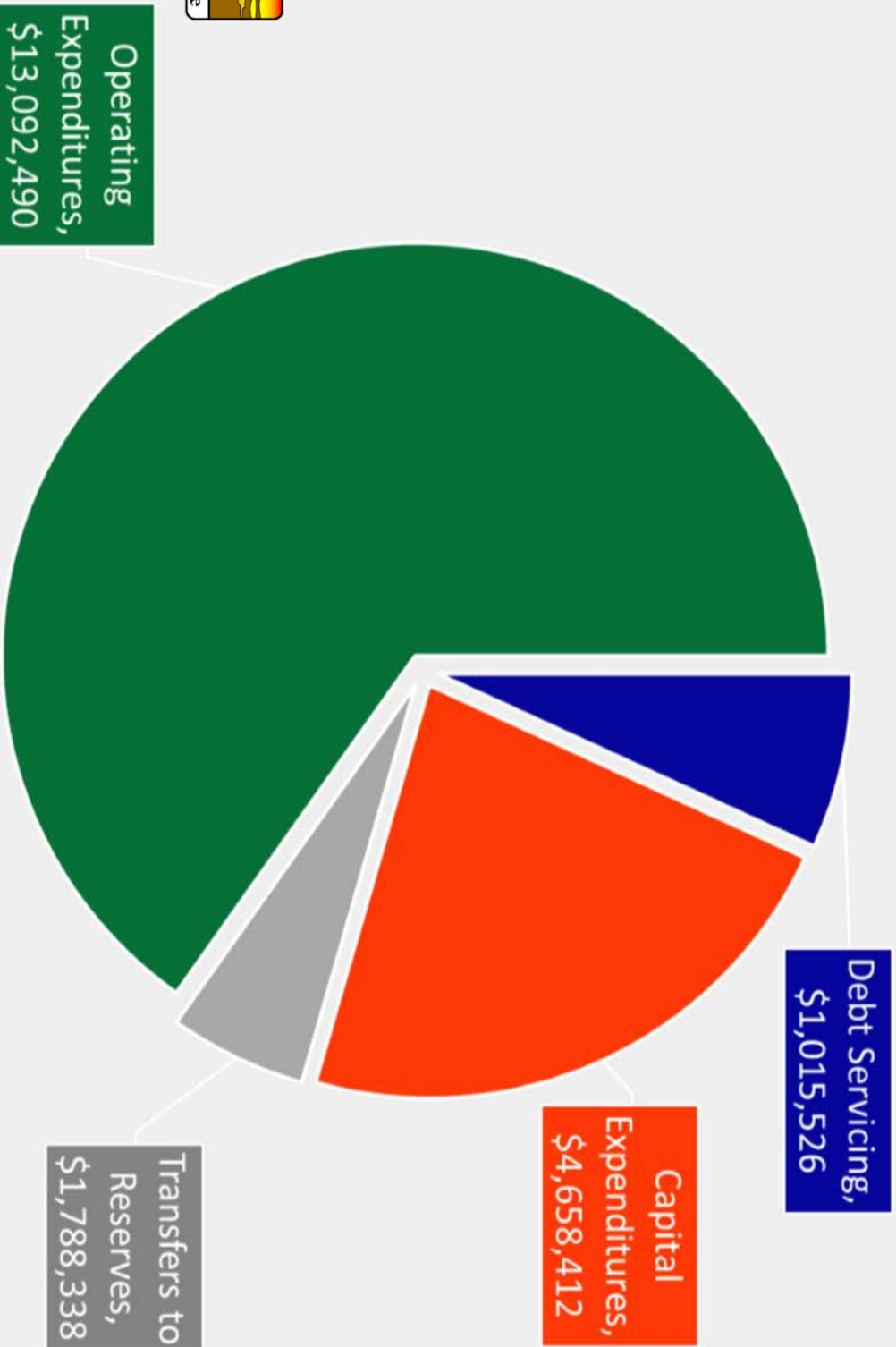


Director of Finance

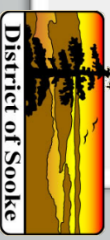
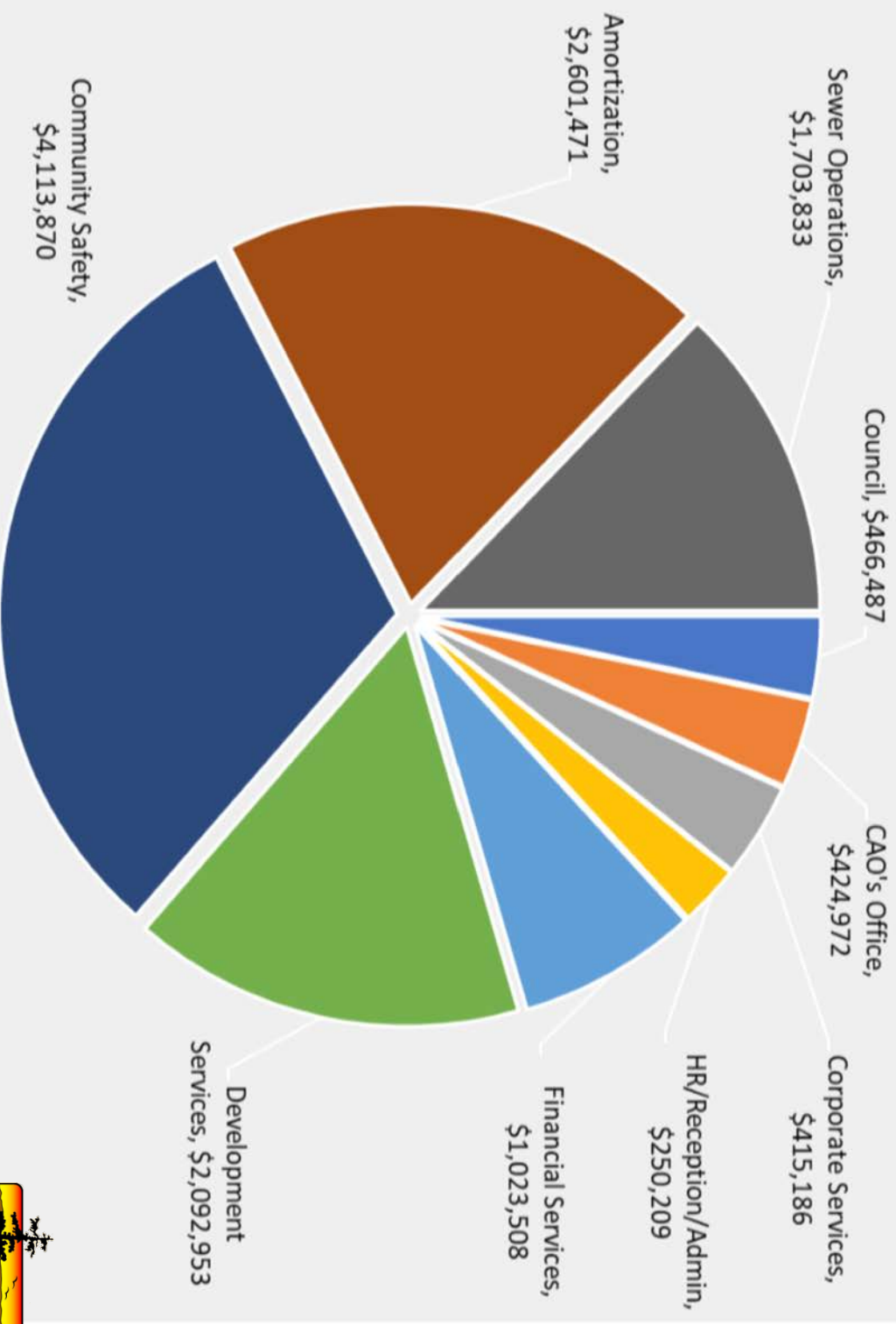
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Overview

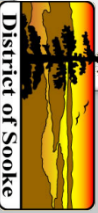
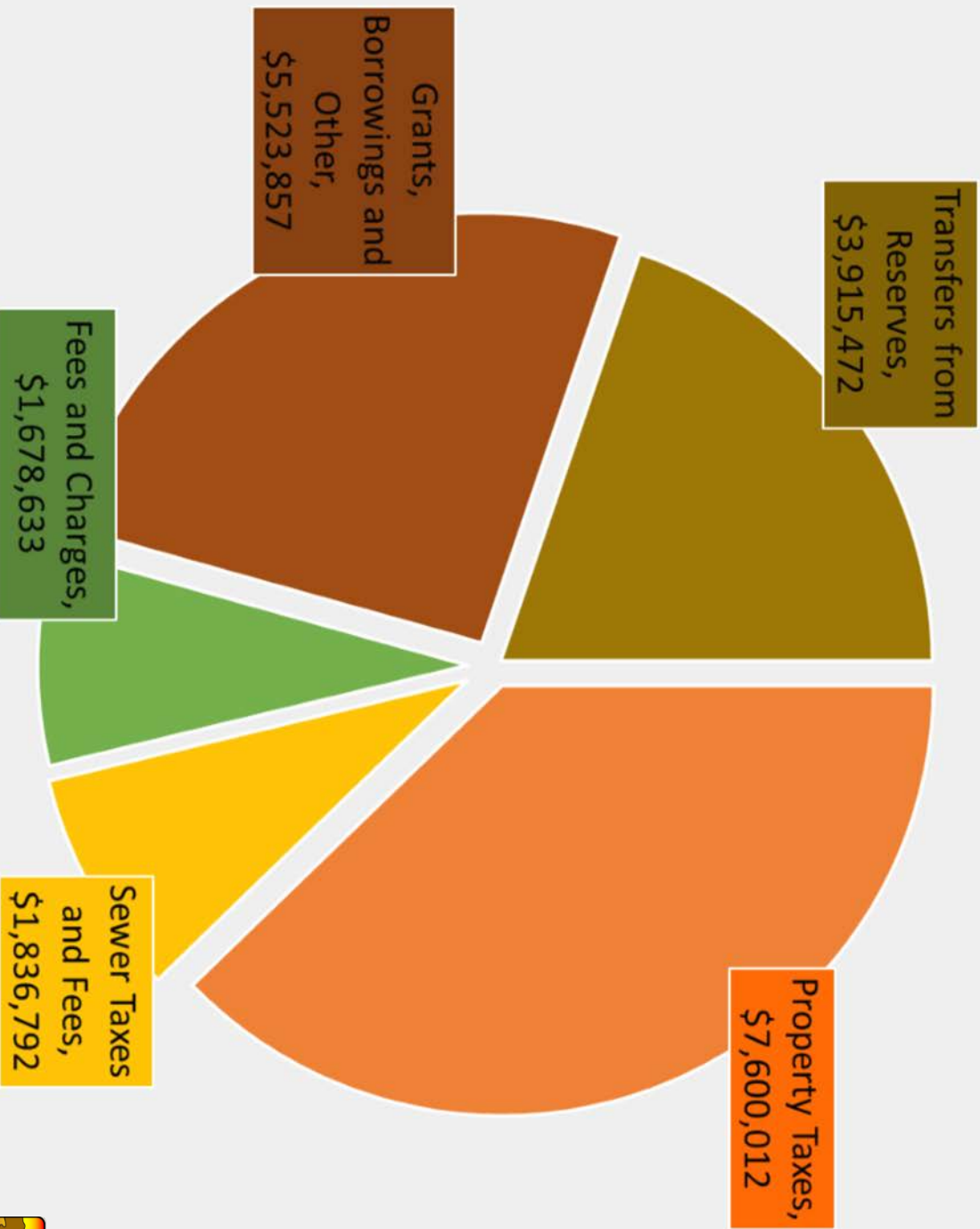
2018 Total Expenditures - \$20,554,767



2018 Operating Expenditures - \$13,092,490



2018 Total Funding Sources - \$20,554,767



Budget Changes

Department & Staffing

- Building and Bylaw now in Community Safety
- HR, reception and building admin. now its own dept
- Increase staffing for Parks labourers
- New Firefighter
- Inflation incorporated into contingency
- Additional info on planned borrowings

Presentation

- Layout of some sheets has changed to tie in easier with the consolidated summary page
- Added column on consolidated summary page to show expenditures funded from property taxes
- Created consolation document for website to provide information on where tax dollars are spent and impact of changes in budgets

Cost Drivers

Population Growth

- Population growth rates > tax increases
- Growth impacts all levels of service
- Impact on service levels exceeds value of new tax revenue.

Historically Low Taxes

- District is playing catch-up.
- Assets not adequately maintained (i.e. Roads)

Call Volume

- Demands on community safety and engineering staff due to call volumes.

Risk

Road Maintenance

- Risk exists contract beyond 2019 will be significantly higher
- Study will be required in 2019

DCCs

- Financial plan assumes we can change Road DCC bylaw to include Beaton and Charters (DCC Bylaw review is in the budget but uncertainty exists over approval of changes)
- Affordable housing projects are having DCCs exempted/granted
- Wastewater DCC balance will run out in 2021 at current pace (ahead of debt retirement). Plan assumes this can be covered by reserve.

Risk cont...

Staffing

- Significant growth in the community from development activity is affecting all staff but particularly planning and building staff. Revenue budget assumes we can keep up with the pace. At current staffing levels there is some risk.
- Bylaw staff demands are also at risk due to new federal legislation

Labour Relations

- CUPE contract expires at the end of 2018

Reserves

- Balances are getting low (requires capital project prioritizing or additional taxes)

Risk cont...

Overtime

- Only Wastewater budget includes budgeted overtime.
- Significant amount of overtime is being worked by staff due to increased workloads. 2017 amounted to \$64K for CUPE staff (non wastewater staff)
- Fire Department new labour contract and new staffing has helped for that dept.
- Management staff risks burn-out due to increased demands

Sewer Capacity

- Budget assumes expansion will occur in 2020
- Staff will be conducting capacity study in 2018 after infiltration issues have been addressed
- Significant capital costs required in existing system to maintain good operations

Opportunities

Capital Expenditures

- Council advice to staff on priorities during budget process could provide some tax relief by eliminating projects not deemed time sensitive (potential to fund remaining with reserves)

Grants

- Increased focus on Asset Management will allow increased opportunity for grant funding (need Asset Management Strategy and Asset Management Policy)

Permits & Fees

- Review of fees bylaw and building regulation bylaw could provide opportunities for additional funds

Budget Components (Expenditures)

Debt Servicing

- MFA Debt for Sewer, Municipal Building and other Assets.

Capital Expenditures

- Road Program (5-year program);
- Staircases;
- Sidewalks; and others.

Transfer to Reserves

- DCCs, Capital Asset Replacement, Policing, etc.

Operating Expenditures

- Service Level Operating Costs:
Council, CAO, Corporate Services,
HR/Reception/Admin, Financial Services, Community
Safety, Development Services, Wastewater

Total Expenditures

Budget Details

- 2017 Approved Budget = \$19,399,635
- 2018 Draft Budget = \$20,554,767

Increase of \$1,155,132 (5.95%)

- Debt Servicing change \$(78,423)
- Capital spending change \$276,740
- Transfers to reserves change \$510,735
- Other Municipal Purposes change \$446,079

Debt Servicing Decrease

\$(78,423)

Mainly Due to the following:

- MFA loan for Building/Fire Hall is paid off. Impact of (\$86,095).
- Proposed new 2018 for Road Resurfacing in the 2017 – 2021 plan is not in the 2018 – 2022 plan (new 5-yr road plan is being used). Impact of (\$205,854)
- New MFA loan for Fire Department vehicle. Impact of \$48,978
- Development Services Vehicle. Impact of \$7,157
- New MFA loan for Wastewater capital equipment. Impact of \$162,361

Capital Expenditures Increase

\$276,740

Highlights for 2018 include:

- \$700,000 for year 1 of the 5-year Road Program
- \$405,000 for building improvements (HVAC/sprinklers/plumbing)
- Fire Department Water Tender \$425,000
- Washroom in JPMP \$100,000
- Electric Car Charging Stations \$80,000

Transfer to Reserves Increase

\$510,735

Mainly due to the following:

- Fire Equipment Reserve contributions of \$80,000
- Road DCCs anticipated increase in DCCs of \$100,000 due to increased development activity
- Capital Asset Replacement Reserve increase of \$238,000 to help finance capital spending requirements.

Total Expenditures

Other Municipal Purposes \$446,079

Council change of \$49,264

- Special account for local charities \$8,000
- Increases to Community Service Agreements (2% inflation approved by Council, plus changes requested by providers)
- CRD Arts Development Services \$32,400

CAO's Office change of \$(85,228)

- Cost allocation to Sewer Fund
- Decrease in legal
- Decrease in Contingency
- Offset by increase for long term plans and training

Total Expenditures cont...

Other Municipal Purposes \$446,079

Corporate Services change of \$(688,295)

- HR, reception and building maintenance moved to own dept
- Bylaw dept moved to Community Safety
- Cost allocations to Sewer Fund

H/R & Office Admin change of \$250,209

- New line, costs have moved from Corporate Services
- Cost allocations to Sewer Fund

Total Expenditures cont...

Other Municipal Purposes \$446,079

Financial Services change of \$38,638

- Clerk and Deputy added for 2018 (not full year impact)
- Asset Management Plans
- Full year impact of new IT staff member
- Offset by increase in allocations to Sewer Fund

Development Services change of \$2,471

- Building dept moved to Community Safety
- Offset by:
 - Increase in Parks Dept costs (seasonal labour)
 - DCC Bylaw review

Total Expenditures cont...

Other Municipal Purposes \$446,079

Community Safety change of \$531,317

- Building dept moved from Development Services
- Bylaw dept moved from Corporate Services

Amortization change of \$38,445

- Additional assets being managed (no impact on budget as revenue offset)

Sewer Operations change of \$309,256

- Increase in budget for consultants and chemicals
 - Increase in allocated admin costs

Funding Sources

Property Taxes = \$7,600,012 (increase of 2.52%)

- Non market change revenue of \$263K (new growth)
- Average assessed property increase of \$46
- For 2018, a 1% property tax increase (over all property classes) raises \$71,570

Sewer Parcel Taxes = \$1,836,792

- Funds operations of the Sewer Fund (no impact to Property Taxes)
- Increase of \$50,232 due to new parcels in the SSA
- Increase of \$94,680 due to increase in parcel tax rate of \$30 for capital funding

Funding Sources cont...

Other Sources = \$5,523,857

- Includes payments in lieu of taxes, utility taxes, government grants, developer contributions and borrowings through the MFA
- Increase of \$355,031 is mainly due to increase in anticipated borrowings

Fees & Charges = \$1,678,633

- Service level fees and charges including Building Permits, Business Licenses, DCCs etc.
- Increase of \$252,259 due mainly to forecasted increase in DCC receipts (note: gets transferred to reserves), forecasted increase in building related permits and fees (note: see earlier risks section)

Funding Sources cont...

Transfer from own funds = \$3,915,472

- Transfers from reserves for capital, operating and sewer
- No significant change overall
- Decrease in transfers of reserves for general capital
- Offset by increase in transfer from reserves for sewer capital

Engineering



Development Services Department

Development Services – Engineering

Rainwater Management Program 2018

Sooke River Road Drainage = \$250,000

Capital project to alleviate seasonal flooding at north end of Sooke River Road.

- Design work and consultation currently underway.
- Investigating various low impact options.

Kennedy Street South Drainage = \$100,000

Capital project to upgrade failed infrastructure; Kennedy Street South through Cains Park.

- Design Work Completed in 2018.
 - Includes remedial work to Water Street and preparation for future trail connection to the waterfront.

Development Services – Engineering

Rainwater Management Program 2019

Grant Road 6900 Block Drainage = \$100,000

Capital project to address a number of corroding and under-sized culverts, involving in-fill and ditch piping.

- Preliminary design work was completed in 2013.
- Infill of the ditch will also facilitate ample shoulder for sidewalks.

Thrup Stream Cross-Culvert Replacements = \$100,000

Capital project to replace a number of cross-culverts along Thrup Stream.

- Cross-culverts were identified for replacement in the 2012 Rainwater Management Plan, as a medium priority.

Development Services – Engineering

Capital Expenditure Overview

Road Improvement Program 2018

\$700,000

Rehab Yr.	SECTION ID	STREET	FROM	TO	LENGTH	WIDTH	AREA	Trigger Year	PCI	Prescribed Treatment	Cost
1	RD434	Eakin Dr	Otter Point Rd	Kamaureen Pl	102	7.0	714	1	0.00	Reconstruction	\$ 57,120.00
1	RD26	Christan Dr	Eakin Dr	Rojean Dr	144	7.0	1008	1	0.54	Reconstruction	\$ 80,640.00
1	RD208	Kamaureen Pl	Rojean Dr	End	80	6.0	480	1	2.72	Reconstruction	\$ 38,400.00
1	RD262	French Rd N	Galena Rd	Otter Point Rd	190	6.0	1146	1	9.82	Reconstruction	\$ 91,680.00
1	RD445	Kamaureen Pl	Eakin Dr	Rojean Dr	104	6.0	624	1	11.92	Grind & Pave (80mm)	\$ 23,712.00
1	RD204	Cedar Ridge Dr	Eakin Dr	Helgesen Rd	320	6.0	1926	1	15.25	Grind & Pave (80mm)	\$ 73,188.00
1	RD207	Rojean Dr	Kamaureen Pl	Christan Dr	200	5.0	1000	1	16.09	Grind & Pave (80mm)	\$ 38,000.00
1	RD25	Christan Dr	Rojean Dr	Helgesen Rd	92	7.0	644	1	16.48	Grind & Pave (80mm)	\$ 24,472.00
1	RD209	Eakin Dr	Kamaureen Pl	Christan Dr	188	7.0	1316	1	22.75	Grind & Pave (80mm)	\$ 50,008.00
1	RD203	Cedar Ridge Dr	End	Eakin Dr	74	6.0	444	1	37.58	Grind & Pave (40mm)	\$ 7,992.00
1	RD206	Eakin Dr	Christan Dr	Cedar Ridge Dr	116	7.0	812	1	38.43	Grind & Pave (40mm)	\$ 14,616.00
1	RD229	Helgesen Rd	Otter Point Rd	Christan Dr	198	8.0	1584	1	0.00	Reconstruction	\$ 126,720.00
1	RD228	Helgesen Rd	Christan Dr	Woodgrove Pl	103	8.0	824	5	44.58	Grind & Pave (40mm)	\$ 14,832.00
1	RD184	Belvista Pl	Sooke Rd	End	170	4.0	680	1	11.34	Grind & Pave (80mm)	\$ 25,840.00
1	RD183	Belvista Pl	End	Sooke Rd	120	4.0	484	1	21.15	Grind & Pave (80mm)	\$ 18,392.00
											\$ 685,612.00



Development Services – Engineering

Capital Expenditure Overview

Road Improvement Program 2019

\$700,000

Rehab Yr.	SECTION ID	STREET	FROM	TO	LENGTH	WIDTH	AREA	Trigger Year	PCI	Prescribed Treatment	Cost
2	RD258	Quartz Dr	Gatewood Rd	Otter Point Rd	66	8.5	561	1	0.00	Reconstruction	\$ 44,880.00
2	RD284	Pyrite Dr	Beaton Rd	Rhodonite Dr	138	5.0	690	1	0.83	Reconstruction	\$ 55,200.00
2	RD285	Pyrite Dr	Rhodonite Dr	Quartz Dr	99	5.0	495	1	6.88	Reconstruction	\$ 39,600.00
2	RD259	Quartz Dr	Pyrite Dr	Gatewood Rd	97	5.0	485	1	7.91	Reconstruction	\$ 38,800.00
2	RD253	Beaton Rd	Amethyst Way	Otter Point Rd	96	5.0	480	1	8.74	Reconstruction	\$ 38,400.00
2	RD254	Beaton Rd	Pyrite Dr	Amethyst Way	173	5.0	865	1	14.60	Grind & Pave (80mm)	\$ 32,870.00
2	RD245	French Rd N	176 M N of Maple Ave N	Galena Rd	450	6.0	2700	1	16.06	Grind & Pave (80mm)	\$ 102,600.00
2	RD256	Rhodonite Dr	Pyrite Dr	Otter Point Rd	209	8.0	1672	1	24.90	Grind & Pave (80mm)	\$ 63,536.00
2	RD260	Quartz Dr	Galena Rd	Pyrite Dr	149	5.0	745	1	27.58	Grind & Pave (80mm)	\$ 28,310.00
2	RD30	Beaton Rd	French Rd N	Pyrite Dr	177	5.0	885	1	31.52	Grind & Pave (80mm)	\$ 33,630.00
2	RD221	Otter Point Rd	Rhodonite Dr	Quartz Dr	94	8.0	752	1	34.96	Grind & Pave (80mm)	\$ 28,576.00
2	RD237	Winfield Dr	Grant Rd W	Rudd Rd	269	7.0	1883	1	10.30	Grind & Pave (80mm)	\$ 71,554.00
2	RD436	Firwood Pl	Maple Park Terr	End	156	8.0	1248	1	38.10	Grind & Pave (40mm)	\$ 22,464.00
2	RD239	Firwood Pl	Grant Rd W	Maple Park Terr	356	8.0	2848	3	42.49	Grind & Pave (40mm)	\$ 51,264.00
2	RD234	Grant Rd W	Winfield Dr	Maple Ave S	320	8.0	2560	1	35.42	Grind & Pave (40mm)	\$ 46,080.00
											\$ 697,764.00



Development Services – Engineering

Capital Expenditure Overview

Road Improvement Program 2020

\$700,000

Rehab Yr.	SECTION ID	STREET	FROM	TO	LENGTH	WIDTH	AREA	Trigger Year	PCI	Prescribed Treatment	Cost
3	RD110	Grant Rd W	Haywood Rd	Gatewood Rd	160	8.0	1280	1	20.71	Grind & Pave (80mm)	\$ 48,640.00
3	RD111	Grant Rd W	Pyrite Dr	Haywood Rd	170	8.0	1360	1	36.25	Grind & Pave (40mm)	\$ 24,480.00
3	RD246	Pyrite Dr	Grant Rd W	Banner Rd	110	5.0	555	1	0.00	Reconstruction	\$ 44,400.00
3	RD255	Pyrite Dr	Cinnabar Pl	Talc Pl	100	5.0	500	1	0.00	Reconstruction	\$ 40,000.00
3	RD247	Pyrite Dr	Banner Rd	Opal Pl	99	5.0	495	1	1.89	Reconstruction	\$ 39,600.00
3	RD257	Pyrite Dr	Talc Pl	Beaton Rd	150	5.0	750	1	2.70	Reconstruction	\$ 60,000.00
3	RD251	Pyrite Dr	Opal Pl	Cinnabar Pl	92	5.0	460	1	8.16	Reconstruction	\$ 36,800.00
3	RD454	Talc Pl	End	Pyrite Dr	149	5.0	745	1	22.84	Grind & Pave (80mm)	\$ 28,310.00
3	RD450	Opal Pl	End	Pyrite Dr	90	5.0	450	1	23.37	Grind & Pave (80mm)	\$ 17,100.00
3	RD29	French Rd S	Charval Pl	Lakspur Rd	115	5.0	575	1	28.26	Grind & Pave (80mm)	\$ 21,850.00
3	RD248	Opal Pl	Pyrite Dr	Amethyst Way	170	5.0	850	1	38.80	Grind & Pave (40mm)	\$ 15,300.00
3	RD250	Talc Pl	Pyrite Dr	Amethyst Way	170	5.0	850	1	38.85	Grind & Pave (40mm)	\$ 15,300.00
3	RD432	Cinnabar Pl	End	Pyrite Dr	100	6.0	600	4	43.75	Grind & Pave (40mm)	\$ 10,800.00
3	RD447	Manzer Rd	Sooke Rd	End	462	4.0	1848	1	8.05	Reconstruction	\$ 147,840.00
3	RD380	Polymede Pl	Sooke Rd	End	150	4.0	604	1	32.25	Grind & Pave (80mm)	\$ 22,952.00
3	RD321	Wright Rd	Francis Rd	Marathon Lane	580	6.0	3486	1	27.67	Grind & Pave (80mm)	\$ 132,468.00
											\$ 705,840.00



Development Services – Engineering

Capital Expenditure Overview

Road Improvement Program 2021

\$700,000

Rehab Yr.	SECTION ID	STREET	FROM	TO	LENGTH	WIDTH	AREA	Trigger Year	PCI	Prescribed Treatment	Cost
4	RD134	Church Rd	Felderhof Rd	Helgesen Rd	85	8.0	680	1	4.62	Reconstruction	\$ 54,400.00
4	RD137	Church Rd	Church Hill Dr	Acreman Pl	139	8.0	1112	1	27.24	Grind & Pave (80mm)	\$ 42,256.00
4	RD2009Church	Church Rd	Acreman Pl	Felderhof Rd	288	8.0	2304	3	42.73	Grind & Pave (40mm)	\$ 41,472.00
4	RD300	Dufour Rd	Possession Point Rd	Deerlepe Rd	206	6.0	1236	1	2.10	Reconstruction	\$ 98,880.00
4	RD298	Dufour Rd	Whiffin Spit Rd	Possession Point Rd	210	6.0	1260	1	2.21	Reconstruction	\$ 100,800.00
4	RD301	Dufour Rd	Deerlepe Rd	End	48	6.0	288	1	5.24	Reconstruction	\$ 23,040.00
4	RD458	O'Neill Rd	Deerlepe Rd	Cul de Sac	166	6.5	1079	1	19.04	Grind & Pave (80mm)	\$ 41,002.00
4	RD305	Briarwood Pl	End	Whiffin Spit Rd	259	7.0	1813	1	36.35	Grind & Pave (40mm)	\$ 32,634.00
4	RD307	Pears Point Rd	Richview Dr	Cul de Sac	42	9.0	378	1	38.91	Grind & Pave (40mm)	\$ 6,804.00
4	RD292	Whiffin Spit Rd	Briarwood Pl	Deerlepe Rd	120	6.0	720	1	40.81	Grind & Pave (40mm)	\$ 12,960.00
4	RD79	Whiffin Spit Rd	Richview Dr	Briarwood Pl	255	6.0	1530	3	41.59	Grind & Pave (40mm)	\$ 27,540.00
4	RD96	Powliuk Cres	Saunders Rd	Caldwell Rd N	95	11.0	1045	1	16.51	Grind & Pave (80mm)	\$ 39,710.00
4	RD97	Saunders Rd	Powliuk Cres	End	68	11.0	748	2	41.27	Grind & Pave (40mm)	\$ 13,464.00
4	RD94	Powliuk Cres	Caldwell Rd S	257 M N of Caldwell Rd	245	11.0	2695	4	43.21	Grind & Pave (40mm)	\$ 48,510.00
4	RD44	Tominnv Rd	West Coast Rd	183 M NW of Hwy14	186	7.0	1302	4	43.57	Grind & Pave (40mm)	\$ 23,436.00
4	RD106	Eustace Rd	Gateway Rd (2000 Block)	Shields Rd	299	8.0	2392	1	34.37	Grind & Pave (80mm)	\$ 90,896.00
											\$ 697,804.00



Development Services – Engineering

Capital Expenditure Overview

Road Improvement Program 2022

\$700,000

Rehab yr.	SECTION ID	STREET	FROM	TO	LENGTH	WIDTH	AREA	Trigger Year	PCI	Prescribed Treatment	Cost
5	RD142	Country Rd	Church Rd	Grant Rd East	270	5.0	1350	1	1.43	Reconstruction	\$ 108,000.00
5	RD143	Grant Rd East	Country Rd	End	195	7.0	1365	2	46.93	Grind & Pave (40mm)	\$ 24,570.00
5	RD140	Church Rd	Country Rd	Throup Rd	383	8.0	3064	1	40.96	Grind & Pave (40mm)	\$ 55,152.00
5	RD101	Goodmere Rd	Murray Rd	129 M East of Murray Rd	129	9.0	1161	1	9.77	Reconstruction	\$ 92,880.00
5	RD443	Horne Rd	Cul de Sac	Murray Rd	205	6.0	1230	4	43.70	Grind & Pave (40mm)	\$ 22,140.00
5	RD446	Lincroft Rd	Murray Rd	Cul de Sac	148	5.4	799.2	2	46.77	Grind & Pave (40mm)	\$ 14,385.60
5	RD102	Murray Rd	Goodmere Rd	Lincroft Rd	89	7.0	623	1	38.59	Grind & Pave (40mm)	\$ 11,214.00
5	RD388	Kaltasin Rd	Seabroom Rd	Sooke Rd	417	4.0	1668	1	21.66	Grind & Pave (80mm)	\$ 63,384.00
5	RD372	Kaltasin Rd	Glenidle Rd	Seabroom Rd	413	4.0	1652	1	24.51	Grind & Pave (80mm)	\$ 62,776.00
5	RD516	Anna Marie Rd	Sooke Rd	378 M N of Sooke Rd	378	6.0	2268	5	45.89	Grind & Pave (40mm)	\$ 40,824.00
5	RD277	Otter Point Rd	Laronde Rd	Pascoe Rd	766	8.0	6128	1	36.88	Grind & Pave (40mm)	\$ 110,304.00
											\$ 605,629.60



Parks

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Development Services Department

Development Services – Parks

Public Space Enhancement 2018

Broomhill Park Equipment Replacement = \$60,000

Capital project to replace existing play structure.

- Committed to in 2017.

Whiffin Spit Repairs = \$10,000

Capital project to install bollards and split rail fencing, to prevent parking on the lawn area.

Development Services – Parks

Feasibility Study - DeMamiel Creek Pedestrian Crossing

2018 = \$55,000

The intent of this project is to work with a consultant to guide the District in determining the most viable options for a pedestrian crossing for DeMamiel Creek.

- Public and stakeholder consultation, geologic, hydrologic and environmental considerations are priorities when developing design concepts.

Development Services – Parks

Brooks Park – Pirate Ship Upgrades

2018 = \$45,000

A developer provided play equipment at Brooks Park Place in the mid-1990's.

- Repairs have been conducted over the last 5 years however the level of deterioration warrants replacement of the structure.

Development Services – Parks

Firwood Park Trail Connection

2018 = \$10,000

Firwood Park provides trail connection to the Broomhill trail system however the existing trail is on private property.

- This budget would connect the existing trail within the park to the Firwood cul-de-sac.

Development Services – Parks

John Phillips Memorial Park Bathroom

2018 = \$100,000

Construction of a public washroom in John Phillips Park has been identified as a priority and interest has been expressed in options for self-cleaning washrooms.

- This budget is to supply and install a basic single stall unit.

Development Services – Parks

Murray Road Staircase Replacement

2018 = \$75,000

The CRD provided a stairway for public access to the trail system at the end of Murray Road in the mid-1980's. Attempts to support the damaged areas did not prove effective as a break in spring 2017 resulted in the staircase being closed to the public.

Development Services – Parks

Possession Point – Access to Water

2018 = \$15,000

Access to the water via a staircase from Possession Point Road was designed in conjunction with rainwater management planning on Possession Point Road.

Development Services – Parks

Parks Department Equipment

2018 = \$70,000

An addition to the fleet is required to meet operational goals and accommodate day-to-day maintenance requirements.

A new long box truck with a crew cab will accommodate an additional seasonal crew and add versatility to the fleet for maintenance and garbage collection.

An additional set of mowers (ride-on mower and push mowers) to provide redundancy for when machines are down for repairs and replacement for loss due to theft.

Development Services – Parks

Whiffin Spit Study

2018 = \$50,000

Whiffin Spit Park is experiencing significant damage each winter from wave and storm action. There is significant erosion occurring approximately 800 m from the parking lot.

- This project will evaluate the cost benefit of shoring up and repairing the “weekend” areas and the feasibility of opening the area and replacing it with a bridge structure.

Development Services – Parks

Greenspace Enhancement 2019

The following projects have been identified:

Macgregor Park Retaining Wall = \$15,000

Kaltasin Park Access to Water = \$35,000

Memorial Wall at Whiffin Spit = \$50,000

Development Services – Parks

Greenspace Enhancement 2020

The following projects have been identified:

Welcome to Sooke Sign Illuminations = \$8,000

Whiffin Spit Resurfacing = \$50,000

Whiffin Spit Vault Toilet Replacement = \$20,000

Dog Park = \$17,000

Development Services – Parks

Greenspace Enhancement 2021

The following projects have been identified:

Broomhill Splash Park Replacement = \$150,000

Development Services – Parks

Greenspace Enhancement 2022

The following projects have been identified:

Parks Trailhead Development = \$100,000

Includes the installation of foundation, vault toilet and bike racks at key trailheads.

Sanitary Sewer ~ Development Services Department

Development Services – Sewer

Sanitary Sewer 2018

Critical Parts Inventory = \$100,000

Adequate required parts are on hand, to ensure system can be repaired and operational in a timely manner, if failure occurs.

- The goal is to ensure critical parts for the operation of the wastewater system are on site to minimize downtime and possible environmental spills

Development Services – Sewer

Centrifuge 2018

Replacement = \$750,000

This project will include the following new items:

- Centrifuge;
- Sludge Pumps & Piping;
- Polymer Delivery System; and
- Extension to Existing Building.

Savings will be incurred by system running less hours and reduction in water requirements.

Development Services – Sewer

Pump Install & Wet Well Expansion 2018

Additional 3rd Pump = \$350,000

The Wastewater Conceptual Design Update (2016) identified requirement for third pump.

- Flows into this station can cause high levels of wet well operations.
- Installation of a new pump will ensure gravity mains are not backing up & will help prevent failures.

Development Services – Sewer

Storm & Ground Water Infiltration 2018

Investigation & Repair = \$30,000

A significant amount of storm and ground water is entering the sanitary sewer, causing capacity issues at the treatment plant.

- Flows can reach approx. 4x the annual dry weather flows.

This project will include the following:

- Catchment area inspections and testing; and
- Repairs to be completed as located.

Development Services – Sewer

Capital Projects

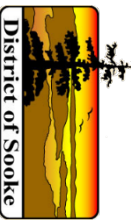
Capital Projects		Project		2016	2017	2018	2019	2020	2021	2022
General										
	Operations Tools					\$30,000	\$25,000			
	Critical Parts Inventory					\$100,000	\$75,000			
Lift stations										
	Prestige Lift Station Pump Upgrade - est 30k									
	Confined Space lifting device									
	New collection system emergency vehicle					\$50,000				
	Trailer vac unit						\$200,000			
WWTP										
	On Site Lift Station Modifications				\$10,000					
				\$0	\$10,000	\$200,000	\$275,000	\$0	\$0	\$0
	Total			\$0	\$10,000	\$200,000	\$275,000	\$0	\$0	\$0



Development Services – Sewer

Capital Improvements

	2016	2017	2018	2019	2020	2021	2022
Capital Improvements							
General / Reports							
Conceptual Design and Model Update							
Receiving Environment Monitoring Program (every 5 year)	\$15,000			\$5,000		\$15,000	
Outfall Inspection - Every 5 years			\$15,000				
Receiving waters sampling report		\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	
Flow Monitoring	\$7,500				\$100,000		
I&I investigations and repair			\$30,000	\$30,000			
Safety Grating WCR, Sooke, Sun River			\$21,000				
Sun River Check and Isolation valve replacement			\$10,000				
Sooke road ultra sonic testing			\$2,000				
Install third pump at Sooke road station/ wet well expansion			\$350,000				
Caldwell Extension			\$45,000				
West Coast Road Forcemain				\$520,000			
Collection system Upgrades as per Conceptual Design update 2016				\$600,000	\$750,000	\$400,000	
WWTP							
Digester DO probes est 20k	\$8,500	\$1,500					
Influent Screens							
SBR Wasting - Additional Line and Valves				\$15,000			
Digester/ Decanter Upgrade			\$25,000				
Centrifuge Replacement / Biosolids handling		\$200,000	\$750,000				
Centrifuge Repair	\$90,000						
Total	121,000	\$206,500	\$1,253,000	\$1,175,000	\$855,000	\$420,000	\$0



District of Sooke

Development Services – Sewer

Renewal Projects

		2016	2017	2018	2019	2020	2021	2022
Renewal Projects								
Collection System								
WWTP								
	Lab Equipment Replacement		\$5,000		\$10,000	\$5,000	\$5,000	
	Re coat doors windows and guardrails					\$6,000		
	Headworks building electrical (condition assessment)			\$10,000	\$10,000			
	WWTP Heaters					\$5,000		
	WWTP Generator upgrade			\$1,200			\$30,000	
	Air Header Membrane Replacement - SBR							
	Air Header Membrane Replacements - Digester							\$10,000
	Air Header Membrane Cleaning - SBR							
	Air Header Membrane Cleaning - Digester							
	Blower Rebuild		\$70,000	\$12,000				
	Blower motor upsize							
	Total	\$0	\$75,000	\$23,200	\$20,000	\$16,000	\$35,000	\$10,000

