



OVERALL 2018-2022 CAPITAL PLAN

	2017 Budget	Year End Projection	2018 Budget	2019 Budget	2020 Budget	2021 Budget	2022 Budget
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REVENUES

COST RECOVERY	773,725	337,000	820,000	438,000	-	-	-
FUTURE OFFSITE LEVY RESERVE	7,282,257	6,390,786	2,445,260	55,000	-	55,000	279,000
GRANTS	13,247,221	11,798,264	13,339,908	5,950,000	5,950,000	5,950,000	5,950,000
OFFSITE LEVIES COLLECTED	-	981,194	479,866	-	-	-	-
TRANSFER FROM RESERVE	3,983,233	3,393,157	6,686,962	4,017,000	4,749,000	4,055,000	4,595,000
TOTAL CAPITAL REVENUES	25,286,436	22,900,401	23,771,996	10,460,000	10,699,000	10,060,000	10,824,000

EXPENSES

COMMUNITY SERVICES	3,088,976	2,241,170	922,100	-	-	-	-
CORPORATE SERVICES	827,292	665,216	376,000	353,000	206,000	20,000	286,000
OPERATIONS SERVICES	28,404,346	25,123,551	37,292,100	19,834,000	20,104,000	19,445,000	20,625,000
PLANNING & DEVELOPMENT SERVICES	-	-	-	40,000	-	-	-
PROTECTIVE SERVICES	865,000	878,595	710,000	120,000	210,000	145,000	630,000
TOTAL CAPITAL EXPENSES	33,185,614	28,908,532	39,300,200	20,347,000	20,520,000	19,610,000	21,541,000

NET CAPITAL FUNDED FROM OPERATING	7,899,178	6,008,131	15,528,204	9,887,000	9,821,000	9,550,000	10,717,000
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Overall 2018-2022 Capital Budget summarizes all Capital revenues and expenses for Red Deer County with the NET being funded from the Operating Budget.

The operating and maintenance costs of Capital acquisitions are considered and realized in the Operating budgets.

KEY CAPITAL INITIATIVES:

2017: Delburne Arena Expansion (\$1.5M); transit (\$700K); technology upgrades (\$200K); Gasoline Alley Infrastructure Project (\$7.2M); completion of the Spruce View Water Treatment Facility & Reservoir (\$1.27M); fire protection vehicles (\$865K).

2018: Transit (\$910K); Fleming bank Stabilization (\$6M); Gasoline Alley Traffic/Pedestrian Lighting (\$640K); Springbrook Water Treatment Facility & Reservoir (\$4.2M).

2018-2022: Major Bridge Infrastructure repairs/construction; Road programs; several Offsite Levy/Infrastructure projects; technology upgrades.

See specific Directorate for further information

COMMUNITY SERVICES CAPITAL

	2017 Budget	Year End Projection	2018 Budget	2019 Budget	2020 Budget	2021 Budget	2022 Budget
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REVENUES

COST RECOVERY	250,000	-	370,000	-	-	-	-
GRANT	1,262,200	730,000	532,200	-	-	-	-
TRANSFER FROM RESERVE	1,576,776	1,508,976	19,900	-	-	-	-
TOTAL REVENUES	3,088,976	2,238,976	922,100	-	-	-	-

EXPENSES

BUILDING/UPGRADE	1,509,976	1,509,976	-	-	-	-	-
LAND IMPROVEMENT	100,000	-	160,000	-	-	-	-
MACHINERY & EQUIPMENT	-	-	12,100	-	-	-	-
VEHICLE	1,479,000	731,194	750,000	-	-	-	-
TOTAL EXPENSES	3,088,976	2,241,170	922,100	-	-	-	-

NET CAPITAL FUNDED FROM OPERATING	-	2,194	-	-	-	-	-
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DEPARTMENT HIGHLIGHTS/PERFORMANCE MEASURES

Community Services recognizes the importance of ensuring Assets within the Hamlets of Red Deer County meet the needs of current residents as well as for future growth. Transit services to the communities of Springbrook and Penhold has been well received by those communities as well as by City of Red Deer residents due to the Transit Agreement in place. The Delburne Agriplex/Arena is a regional facility that operates all year long to offer agricultural and recreational programming to approximately 3,000 people.

KEY CAPITAL INITIATIVES:

2017: Delburne Arena Expansion; acquisition of 2 Transit Busses

2017/2018: Acquisition of 2 Transit busses and 10 Bus Stops/Shelters

2018: Lighting upgrades & playground equipment in Benalto

CORPORATE SERVICES CAPITAL

	2017 Budget	Year End Projection	2018 Budget	2019 Budget	2020 Budget	2021 Budget	2022 Budget
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REVENUES

FUTURE OFFSITE LEVY RESERVE	-	717	-	-	-	-	-
OFFSITE LEVIES COLLECTED	-	981,194	479,866	-	-	-	-
TRANSFER FROM RESERVE	417,292	299,968	70,000	-	-	-	-
TOTAL REVENUES	417,292	1,281,879	549,866	-	-	-	-

EXPENSES

BUILDING/UPGRADE	50,000	-	35,000	-	-	-	165,000
LAND	317,292	326,214	-	-	-	-	-
LAND IMPROVEMENT	-	-	50,000	25,000	-	-	-
MACHINERY & EQUIPMENT	315,000	266,077	186,000	293,000	206,000	20,000	121,000
VEHICLE	145,000	72,925	105,000	35,000	-	-	-
TOTAL EXPENSES	827,292	665,216	376,000	353,000	206,000	20,000	286,000

NET CAPITAL FUNDED FROM OPERATING	410,000	(616,663)	(173,866)	353,000	206,000	20,000	286,000
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DEPARTMENT HIGHLIGHTS/PERFORMANCE MEASURES

Building/Upgrade, a portion of Machinery & Equipment and Land Improvements are for the Administration building/grounds. They include provisions for enhanced security and energy efficiency. Land is purchase of an area in Benalto designated as Municipal Reserve. Remaining Machinery & Equipment is for network, phone and information management system upgrades intended to provide a more stable and secure environment, providing better business continuance and sustainability, also reducing the need for the replacement of smaller asset purchases.

KEY CAPITAL INITIATIVES:

2017: Benalto land acquisitions for Municipal Reserve; office phone system upgrade; and virtual desktop environment.

2018-2021: Completion of virtual desktop environment; blade expansion for servers; and further Open Text development.

2022: County-wide Internet improvements; Red Deer County Centre carpet upgrades.

OPERATIONS SERVICES CAPITAL

	2017 Budget	Year End Projection	2018 Budget	2019 Budget	2020 Budget	2021 Budget	2022 Budget
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PUBLIC WORKS

REVENUES

COST RECOVERY	523,725	337,000	450,000	438,000	-	-	-
FUTURE OFFSITE LEVY RESERVE	5,020,660	5,005,345	245,260	24,700	-	24,700	-
GRANT	10,333,025	9,437,073	11,407,708	5,950,000	5,950,000	5,950,000	5,950,000
TRANSFER FROM RESERVE	1,536,627	1,131,675	5,897,062	4,017,000	4,749,000	4,055,000	4,595,000
TOTAL REVENUES	17,414,037	15,911,093	18,000,030	10,429,700	10,699,000	10,029,700	10,545,000

EXPENSES

BUILDING/UPGRADE	93,000	93,000	-	-	-	-	200,000
ENGINEERED STRUCTURE	23,087,657	20,752,783	32,327,100	19,550,000	19,799,000	19,150,000	19,645,000
LAND IMPROVEMENT	191,995	191,995	-	-	-	-	-
MACHINERY & EQUIPMENT	12,923	12,923	320,000	14,000	15,000	-	-
VEHICLE	120,000	126,114	135,000	135,000	135,000	135,000	135,000
TOTAL EXPENSES	23,505,575	21,176,815	32,782,100	19,699,000	19,949,000	19,285,000	19,980,000

NET CAPITAL FUNDED FROM OPERATING	6,091,538	5,265,722	14,782,070	9,269,300	9,250,000	9,255,300	9,435,000
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DEPARTMENT HIGHLIGHTS/PERFORMANCE MEASURES

2017: Major repairs/construction on 6 Bridge structures. 28.5 Kms of Chipseal work was completed on 5 roads. 3.2 Kms of Road construction was completed on RR284, including drainage improvements. Major maintenance was completed at 14 road locations consisting mainly of drainage and slideslope improvements as well as intersection improvements and filling soft spots with pitrun. 3.85 Kms on RR274 was reconstructed and paved and 4 subdivisions were paved. 15 Kms of paving was also completed on C&E Trail, providing another ban free route that connects Hwy 592 to the Red Deer City limits. The Gasoline Alley Infrastructure project is defined as an alignment with Alberta Transportation's improvement to the QE2 highway. This will favourably impact access into, around and out of Gasoline Alley. The \$7.2M project has Road (including Roundabouts, Curbs/Gutters and Sidewalks), Water, Wastewater and Storm components. Preliminary Engineering was allocated towards identifying project limits, type of work, surveying and stakeholder discussions pertaining to future capital priorities. Vehicle replacements are used throughout the Operations Services department by field personnel and Managers overseeing Capital and maintenance projects. Offsite Levy/Infrastructure Studies throughout many areas of Red Deer County will map out the status of current and future infrastructure needs. These studies also identify possible Levy revenues that can be generated from development to fund the needs as prioritized. These studies are closely tied with Area Structure Plans in the Planning & Development department and are updated regularly.

2018-2022: Annual averages for Operations Services Capital Plan are as follows: Bridge Program \$4.4M (avg. of 7 structures), Chipseal \$750,000, Construction \$2M, Major Maintenance \$2M, Market Road \$3.5M, Paving \$6M and Preliminary Engineering \$750,000. (please refer to attached maps of Capital Bridge and Road Construction for detail). Road work is completed using the 5 Year Capital Road Plan and is completed on a priority basis, including road conditions and safety issues, volume and type of traffic use, development in the area and stakeholder consultations such as landowners and Environmental agencies. The type of work done is also dependant on these factors. Continued Offsite Levy/Infrastructure Studies throughout many areas of Red Deer County. Vehicle replacements when maintenance actions are deemed insufficient.

2018-2022 KEY CAPITAL INITIATIVES:

2018: Major repairs/construction on 7 Bridge structures; paving 11.2 Kms on RR10 and 4.3 Kms on TR360; construction of up to 9.6 Kms on TR370 and 3.2 Kms on RR224; intersection improvements at RR12/Hwy587; bank Stabilization in the Fleming subdivision/C&E Trail; and traffic signals and crosswalk signs on Leva Avenue.

2019: Major repairs/construction on 6 Bridge structures with Road Programs yet to be identified.

2020: Major repairs/construction on 10 Bridge structures with Road Programs yet to be identified.

2021: Major repairs/construction on 6 Bridge structures with Road Programs yet to be identified.

2022: Major repairs/construction on 8 Bridge structures with Road Programs yet to be identified; and Horn Hill Transfer station Cantilever refurbishment.

OPERATIONS SERVICES CAPITAL

	2017 Budget	Year End Projection	2018 Budget	2019 Budget	2020 Budget	2021 Budget	2022 Budget
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WATER, WASTEWATER & STORM

REVENUES

FUTURE OFFSITE LEVY RESERVE	2,261,597	1,384,724	2,200,000	30,300	-	30,300	279,000
GRANT	1,651,996	1,631,191	1,400,000	-	-	-	-
TRANSFER FROM RESERVE	452,538	452,538	700,000	-	-	-	-
TOTAL REVENUES	4,366,131	3,468,453	4,300,000	30,300	-	30,300	279,000

EXPENSES

WATER INFRASTRUCTURE	2,981,225	2,141,008	4,290,000	19,500	-	19,500	465,000
WASTEWATER INFRASTRUCTURE	663,554	612,619	50,000	15,000	-	15,000	-
STORM INFRASTRUCTURE	793,992	765,986	-	20,500	-	20,500	-
TOTAL EXPENSES	4,438,771	3,519,613	4,340,000	55,000	-	55,000	465,000

NET CAPITAL FUNDED FROM OPERATING	72,640	51,160	40,000	24,700	-	24,700	186,000
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DEPARTMENT HIGHLIGHTS/PERFORMANCE MEASURES

2017: The Water Supply line from the City of Red Deer to Petrolia Reservoir will secure a long-term potable water supply for Gasoline Alley which is anticipated to see significant future commercial and residential development and growth. The Spruce View Water Treatment Facility and Reservoir was constructed as the current infrastructure is nearing the end of its life cycle and future development has had to be declined due to its age and capacity, stunting growth in the area. The new facility will accommodate future development and growth as well as enhance firefighting capabilities in the area. The Gasoline Alley Infrastructure Project is defined as an alignment with Alberta Transportation's improvement to the QE2 highway. This will favourably impact access into, around and out of Gasoline Alley. The \$7.2M project has Road (including Roundabouts, Curbs/Gutters and Sidewalks), Water, Sewer and Storm components. Offsite Levy/Infrastructure Studies throughout many areas of Red Deer County will map out the status of current and future infrastructure needs. These studies also identify possible Levy revenues that can be generated from development to fund the needs as prioritized. These studies are closely tied with Area Structure Plans in the Planning & Development department and are updated regularly.

KEY CAPITAL INITIATIVES:

2018: Springbrook Water Treatment Facility replacement & Reservoir expansion; and upgrades to the Supervisory Control & Data Acquisition (SCADA) system, which is critical to the overall water infrastructure system communications.

2022: Gasoline Alley Watermain crossing QE2 to improve water distribution and water model performance as the system grows further from each of the plants.

OPERATIONS SERVICES CAPITAL

	2017 Budget	Year End Projection	2018 Budget	2019 Budget	2020 Budget	2021 Budget	2022 Budget
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AGRICULTURAL SERVICES

EXPENSES

BUILDING/UPGRADE	200,000	173,000	-	-	-	-	-
MACHINERY & EQUIPMENT	9,000	8,276	50,000	-	-	-	15,000
VEHICLE	251,000	245,847	120,000	80,000	155,000	105,000	165,000
TOTAL EXPENSES	460,000	427,123	170,000	80,000	155,000	105,000	180,000

NET CAPITAL FUNDED FROM OPERATING	460,000	427,123	170,000	80,000	155,000	105,000	180,000
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DEPARTMENT HIGHLIGHTS/PERFORMANCE MEASURES

Two Atco trailers were purchased and renovated to accommodate permanent Agricultural Services employees. This procurement also contributes to making some services the department offers more easily accessible to residents. Historically, most of Agricultural Services vehicles have been inherited from the Public Works department and have far reached the end of their life cycles. Replacement of these vehicles will reduce maintenance costs. The Kubotas and quad will be heavily utilized in all Agricultural Services programs.

KEY CAPITAL INITIATIVES:

2017: Agriculture Services offices; and vehicle replacements.

2018: Completion of AG Office renovations; and acquisition of a new spray truck.

PLANNING & DEVELOPMENT SERVICES CAPITAL

	2017 Budget	Year End Projection	2018 Budget	2019 Budget	2020 Budget	2021 Budget	2022 Budget
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EXPENSES

VEHICLE	-	-	-	40,000	-	-	-
TOTAL EXPENSES	-	-	-	40,000	-	-	-

NET CAPITAL FUNDED FROM OPERATING	-	-	-	40,000	-	-	-
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DEPARTMENT HIGHLIGHTS/PERFORMANCE MEASURES

PROTECTIVE SERVICES CAPITAL

	2017 Budget	Year End Projection	2018 Budget	2019 Budget	2020 Budget	2021 Budget	2022 Budget
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EXPENSES

MACHINERY & EQUIPMENT	-	-	55,000	55,000	15,000	15,000	-
VEHICLE	865,000	878,595	655,000	65,000	195,000	130,000	630,000
TOTAL EXPENSES	865,000	878,595	710,000	120,000	210,000	145,000	630,000

NET CAPITAL FUNDED FROM OPERATING	865,000	878,595	710,000	120,000	210,000	145,000	630,000
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DEPARTMENT HIGHLIGHTS/PERFORMANCE MEASURES

Red Deer County's Protective Services has multiple Mutual Aide Agreements with Responders in the surrounding area, as a result, vehicles and equipment are often called upon to service areas outside of the main response area.