

Section 2

Capital Budget

BUDGET

2021-2022 Operating Budgets
2023-2024 Operating Plan
2021-2022 Capital Budgets
2023-2030 Capital Plan



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2021-2022 CAPITAL BUDGET REPORT

Category	2021 Budget	2022 Budget	Capital Plan	2021- 2030
Infrastructure: Rehabilitation & Replacement	101,974	60,947	782,510	945,431
Current Growth	18,329	35,211	108,427	161,968
Future Growth	53,302	1,363	14,540	69,206
Community Amenities	45,627	-	5,791	51,417
Grand Total	219,233	97,521	911,268	1,228,022

DISCUSSION & ANALYSIS

Overall budget:

Administration has proposed a \$219.2 million 2021 Capital Budget and \$97.5 million 2022 Capital Budget, including multi-year projects, broken down as follows:

2021 Budget

Tax supported	\$124.9 million
Utility/Self supported	\$94.3 million

2022 Budget

Tax supported	\$56.4 million
Utility/Self supported	\$41.1 million

This compares to \$122 million in the 2019 budget and \$180.4 million for the 2020 budget.

The value of the 10-year budget and plan is \$1,228 million, broken down as follows:

Tax supported	\$580.7 million
Utility/Self supported	\$647.4 million

This compares to \$1,356.1 million for the 10-year budget and plan last year.

In addition to the capital budget and plan expenditures, there are operating expenses that are funded from capital sources. These are generally operating grants provided by The City to other agencies and organizations for capital projects of these agencies and organizations.

For the capital budgets and capital plan the operating expenses funded by capital are:

Project	2021 Budget	2022 Budget
2021 Provincial Highway Maintenance	273	-
2021 River Bend Golf & Recreation Area – Golf Preservation	125	-
2021 Tree Replacement – Outstanding Tree Replacements	156	-
2022 Provincial Highway Maintenance	-	273
2022 Tree Replacement – Outstanding Tree Replacements	-	159
Grand Total	554	432

THE BUDGET IN BRIEF

SIGNIFICANT CHANGES

Administration has made some changes to the 10-year plan in order to comply with Council budget direction and corporate financing. Corporate financing assumptions have also been changed to reflect the current and anticipated future environment.

The most significant changes from a timing perspective include:

- Roof repair at the Civic Yards has been moved from 2025 to 2030 to manage corporate finances and comply with Council budget guidelines
- A number of Engineering projects have been moved out of the plan to manage corporate finances and comply with Council budget guidelines including:
 - Taylor Drive – 2 lane arterial
 - Area 2: 30 Ave north of Northland Drive – 2 lanes
 - Area 1 Taylor Drive – 4 lane arterial
 - Area 4: 67 St east of 20 Ave – 4 lanes
 - Area 6: Ross St from 20 Ave to 10 Ave
 - Area 2 Taylor Drive – 4 lane arterial
 - 67 St Corridor – Taylor Drive Intersection
 - Area 3: Southern East/West Arterial – 4 lanes
 - West QEII Business Park (NE35) Phase 3 – Divided Arterial N to S
 - West QEII Business Park (SE35) Phase 4 – Divided Arterial N to S
 - West QEII Business Park (NE35/SW36) Phase 5 – Undivided Arterial E to W
 - West QEII Business Park (NE25) Phase 6 – Undivided Arterial N to S
 - West QEII Business Park (SE35) Phase 7 – Undivided Arterial E to W
 - West QEII Business Park (NW25) Phase 8 – Divided Arterial N to S
 - Hazlett Lake MNP Commercial – 4 lane arterial
 - Street Light / Power Pole / Signage Relocations & Upgrade Program

- Section 13 Subdivision Development has been moved out further in the plan to match when the related offsite infrastructure will be built
- Central (Intermediate) School Renovations Completion was added to 2021 as part of the corporate office space strategy
- Parkland Acquisition 2021 was added to 2021 due to a potential opportunity

The following changes in corporate financing have been included in the 10-year plan:

- The Municipal Sustainability Grant has been reduced by 25% for the period 2021 – 2025 to reflect an anticipated reduction in this grant due to provincial finances
- The estimated debt limit for 2020 has been reduced by \$15 million to reflect an anticipated drop in corporate revenues for 2020
- A conservative approach to revenue growth has been used. There is increased growth of 1.5% estimated for 2021 assuming recreation facilities will be open and transit will be operating fully throughout the year. The growth is then assumed to be 0.5% for 2022 – 2025 and 1% for 2026 – 2030.
- Development growth has been estimated at 10 ha (hectares) for each of 2021 & 2022, 20 ha for 2023 and then 50 ha for 2024 – 2030.

All of these estimates are reviewed and updated on an annual basis.

In addition to the above, notification was received that the City would be allowed to divert all or a portion of the Investing in Canada Infrastructure Program – Public Transit Infrastructure stream to a COVID-19 Resilience stream. The City decided to divert all of the \$38.5 million allocated to Red Deer to the COVID-19 Resilience stream. The project list was approved and funding sources for these projects reflect this new funding stream.

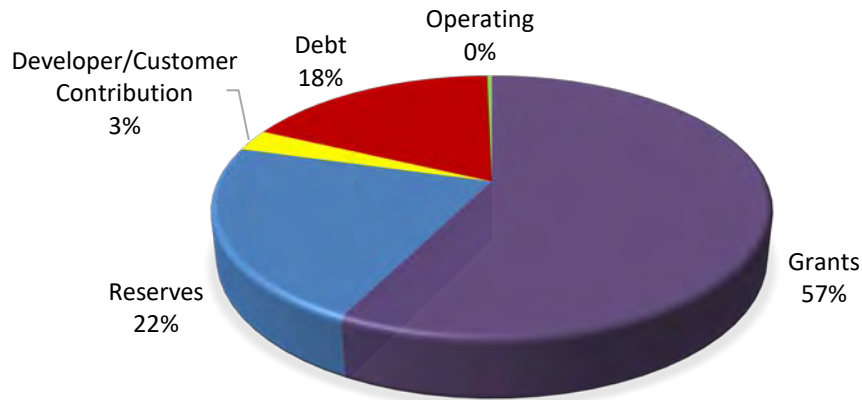
There are many other projects identified for funding consideration by the community, council and Administration that are not included. Though they currently reside outside of the 10-year plan, remain as potential additions to the plan should additional funding become available:

- Multi-use Aquatics Centre
- Northland Drive components
- Performing Arts Centre
- North Police Detachment
- Various road projects as detailed in deferred list above
- Various offsite / development projects
- Projects moved out of the plan in prior years
- Growth

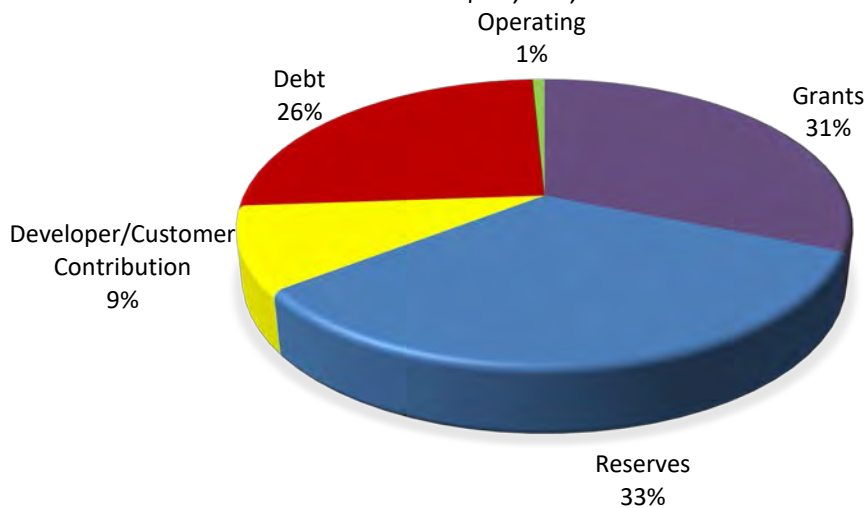
FINANCING

There are 5 categories of funding for the Capital Budgets. The main source of funding is from grants in 2021 and reserves in 2022 as per the following charts.

2021 BUDGET FUNDING SOURCE
\$219,232,654



2022 BUDGET FUNDING SOURCE
\$97,520,983



On a combined basis, grants and reserves comprise 79% of the funding for 2021 and 64% for 2022.

Reserves

The main source of capital funding for tax supported operations is the Capital Projects Reserve (CPR). This reserve is generally used to fund projects less than \$1 million, non-eligible expenses for grant funded projects and operating grants funded by capital.

The primary source of funding for the reserve is an annual, ongoing transfer from the Operating Budget. The 2020 transfer amount was \$9.3 million.

An additional 0.5% contribution for growth and amenities in 2021 has been included in the Operating Budget to comply with Council budget guidelines. This will increase the annual ongoing transfer by \$0.7 million bringing the total transfer to \$10 million.

An additional 0.5% contribution in 2022 has been included in the Operating Budget to comply with Council budget guidelines. This will increase the annual ongoing transfer by \$0.7 million bringing the total transfer to \$10.7 million.

It has been assumed within the 10-year plan that an additional contribution of 1% each year will occur for 2023 – 2030.

The CPR works together with the Debt Repayment Reserve. Transfers are done between the two reserves as required to keep the balance in each reserve above zero. For the period 2021 – 2030 there are a total of \$77.8 million of transfers planned from the CPR to the Debt Repayment Reserve.

Utility and Self-Supported Reserves

Each utility¹ or self-supported² operation has its own reserve. The capital reserves are used to help fund capital projects in each of the self-supported operations and are monitored for sustainability over a 10-year period. The primary source of funding for each of these reserves is surplus from self-supported operations.

Debt Repayment Reserve (DRR)

The Debt Repayment Reserve is an integral part of the capital budget process as it is used to fund tax supported debenture principal and interest payments for projects that are funded by tax supported debt. Although part of the purpose of the reserve is to provide stable funding for capital projects, it is not factored into the funding sources that fund the capital plan as the full capacity of the reserve is being utilized to make debt payments. The primary source of funding for the reserve is an annual transfer from the Operating Budget. The 2020 transfer amount is \$9.9 million. As the 1% community amenities and growth contribution is used to fund the Capital Projects Reserve, the contribution amount will remain unchanged for both 2021 and 2022. This reserve is monitored to ensure there are sufficient funds available to make tax supported debt repayments. Transfers are done between the CPR and the DRR as required to ensure the reserve balances remain above zero. For the period 2021 – 2030 there are \$77.8 million of transfers required from the CPR to the DRR to keep the balance of the reserve above zero.

¹ Utility operations are: Water, Waste Water, Electric Light and Power (ELP), Waste Management

² Self supported operations are: Land Bank, Fleet

Summary of Reserves

If the funding sources from any of the reserves are impacted, additional changes would be required to the 10-year capital budget and plan.

Reserve Funding

Proposed Funding Sources	2021 Budget	2022 Budget	Capital Plan	2021-2030
Tax Supported	8,096	3,040	53,449	64,585
Other	39,740	29,509	381,274	450,523
Grand Total	47,836	32,549	434,723	515,108

Debt

Debt is split into tax supported debt and other debt, however both contribute towards The City's debt limit. The amount of debt that a municipality can incur is set by the Government of Alberta at 1.5 times annual revenue. Based on this provincial formula the debt limit for the City is \$541.1 million as of December 31, 2019. This amount is projected to drop to \$534.2 million in 2020 due to reduced revenues as a result of COVID-19. The reduced revenue will be partially offset by the Municipal Operating Support Transfer grant announced by the Provincial and Federal governments. Council has also set a policy to limit The City's debt to 75% of the provincial debt limit through policy GP-F-2.2.

	2020 estimated	2021 proposed	2022 proposed	10 year plan proposed
Debt amount	285,699,848	349,015,233	384,273,243	431,222,879
% debt amount proposed	53%	64%	71%	74%
% as per the council policy	71%	86%	94%	99%

A small recovery of revenue of 1.5% in 2021 has been estimated as operations begin to recover from COVID-19 and then annual increases in revenue of 0.5% have been estimated for 2022 – 2025 and 1% for 2026 - 2030. Based on this revised assumption the debt limit in 2030 has been reduced to \$581 million from the 2029 balance as per last year's plan of \$619 million.

With the debt funding proposed, the estimated debt limit increases to 64% at the end of 2021 and 71% at the end of 2022. The debt limit is estimated to peak at 75% in 2024 and 2026 with the range being 73 – 75% for 2023 – 2030. These amounts comply with Council policy and budget guidelines. If the debt and debt limit do not grow as predicted additional changes will be required in the 10-year budget and plan.

Debt Funding

Proposed Funding Sources	2021 Budget	2022 Budget	Capital Plan	2021-2030
Tax Supported	32,243	22,573	135,916	190,732
Other	6,437	2,181	18,899	27,517
Grand Total	38,680	24,754	154,815	218,250

Grants

The Municipal Sustainability Initiative (MSI) grant from the Provincial Government is the main grant used to fund capital budgets. Another significant grant is the Gas Tax Fund (GTF) from the Federal Government. At this point in time both grants, and/or a replacement program of some kind, are expected to be received for the next 10 years. The Provincial Government has indicated that the MSI will end in 2021/22 and be replaced in 2022/23 with the Local Government Fiscal Framework (LGFF). Due to the current economic conditions Administration anticipates that the provincial government will be reducing the amount of MSI / LGFF and the plan has been adjusted accordingly. It has been assumed that the federal government will continue to fund the GTF at present levels. If these grants change other than as anticipated further adjustments to the 10-year plan will be necessary to ensure it remains balanced.

Other Provincial Grants that are contemplated as part of the 2021 and 2022 Capital Budget are the Municipal Stimulus Program. This grant is a one-time grant that is distributed on a per capita basis. Red Deer will be receiving \$12 million under this program. Although the grant was announced in 2020, the funding will be spent in 2021 and has been included in the 2021 Capital Budget. Under the terms of the grant, this funding has to be fully expended by December 31, 2021.

The Federal Government announced in the fall of 2020 that a COVID-19 Resilience stream was being created as part of the Investing in Canada Infrastructure Program (ICIP). The Provincial Government has advised that, to provide flexibility to municipal infrastructure, municipalities can determine if they want to use their funding for eligible projects under the ICIP – Public Infrastructure stream or for projects under the new COVID Resilience stream. Red Deer has access to \$38.5 million under the Public Transit Infrastructure stream. The City has requested that the full \$38.5 million be used under the COVID-19 Resilience Stream. The City applied to the Provincial Government for approval of 41 Capital Projects which total \$48,427,000, including one project which was approved as part of the 2020 Capital Budget. This grant, which is funded 80% federally and 20% municipal, has been built into the capital budget and plan. If some of the projects submitted are not approved, then the Capital Budgets and Plan will have to be reviewed to determine if the projects can be funded with existing funding sources. The Provincial Government has indicated that if the City is unable to identify projects that utilize the total federal funding allocation, the amount may be returned to the Province in order to be used for provincial infrastructure priorities. Under the terms of the grant, this funding has to be fully expended by December 31, 2021.

Within the 2020 budget approval for Northland Drive from Taylor Drive to Gaetz Ave there was a Provincial grant of \$9.5 million included as a funding source. This project is related to 2020 projects including Taylor Drive / Hwy 11A Intersection and CP Rail Overpass (Hwy 11A between Taylor Drive and Gaetz Ave). Building these projects as a unit is required to avoid future rework and / or potential return of the provincial grant.

There is also other provincial grant funding included in 2021 – 2023 period for the regional component of the Wastewater Treatment Plant Upgrade in the amount of \$34.4 million. In 2025 – 2027 there is additional provincial grant funding in the amount of \$38.6 million for the WWTP Rehabilitation, Replacement and Upgrades project.

The GH Dawe Community Centre project will be considered as a multi-year project as part of the 2021 Capital Budget. The project was successful in applying to the Investing in Canada Infrastructure Program – Community, Culture and Recreation stream for the overall construction project. The federal grant of \$15.1 million has been included in the project funding. There is also \$12.8 million of provincial funding (through the Municipal Sustainability Initiative) which was previously approved for the project. The City portion of funding for the entire project is \$7.6 million which would be funded by debt.

We do not include competitive grants as a funding source because they are not confirmed or certain. If we do receive the grant that funding is used in place of the funding source identified within the budget.

Grant Funding

Proposed Funding Sources	2021 Budget	2022 Budget	Capital Plan	2021-2030
Other Provincial Grants	34,400	-	38,632	73,032
Gas Tax Fund	5,931	10,013	44,682	60,625
Municipal Sustainability Initiative Fund/LGFF	21,332	20,375	157,022	198,728
COVID-19 Resilience Grant	37,369	-	-	37,369
ICIP Federal Grant	15,098	-	-	15,098
Municipal Stimulus Program	12,006	-	-	12,006
Grand Total	126,135	30,387	240,336	396,858

Developer / Customer Contribution

Some capital expenditures are initiated at the request of developers and customers such as EL&P customer servicing, annual development servicing and development agreement sign and pavement markings. These projects are funded through payments by the developers and customers which includes proceeds from land sales. There is also a customer contribution

included in the 2022 Capital Budget for the Northland Drive from Hwy 2 to Taylor Dr – 4 lanes project of \$3.3 million.

For offsite levies, The City front ends the cost of the infrastructure and collects the amounts over time as development occurs. For Recreation Amenities the amounts are collected as development occurs and then community amenities are constructed.

Developer / Customer Contribution Funding

Proposed Funding Sources	2021 Budget	2022 Budget	Capital Plan	2021-2030
Customer Contribution	3,839	7,265	38,191	49,295
Land Development Reserve Fund	-	-	13,180	13,180
Recreation Amenity Fund	230	257	3,758	4,245
Roads Offsite Levy Fund	-	-	2,811	2,811
Sani Offsite Levy Fund	128	-	144	272
Storm Offsite Levy Fund	-	-	1,412	1,412
Water Offsite Levy Fund	128	-	144	272
Work for 3rd Party	1,535	1,573	14,053	17,160
Grand Total	5,860	9,094	73,692	88,646

Operating

Some capital expenditures are funded with transfers from department operating budgets such as Information Technology Refresh. This funding is in addition to the annual transfers for the CPR and the DRR.

Proposed Funding Sources	2021 Budget	2022 Budget	Capital Plan	2021-2030
Funded from Operating	721	736	7,703	9,160

SUSTAINABILITY OF FUNDING SOURCES

The 10-year capital budget and plan is fully funded. All funding sources are monitored for a 10-year period for sustainability. In order to balance the 10-year capital budget and plan and maintain sustainability within the funding sources, a significant number of projects were removed from the budget and plan. In total, 28 projects at an estimated cost of \$113.2 million were either removed or adjusted. The projects deferred are split as follows:

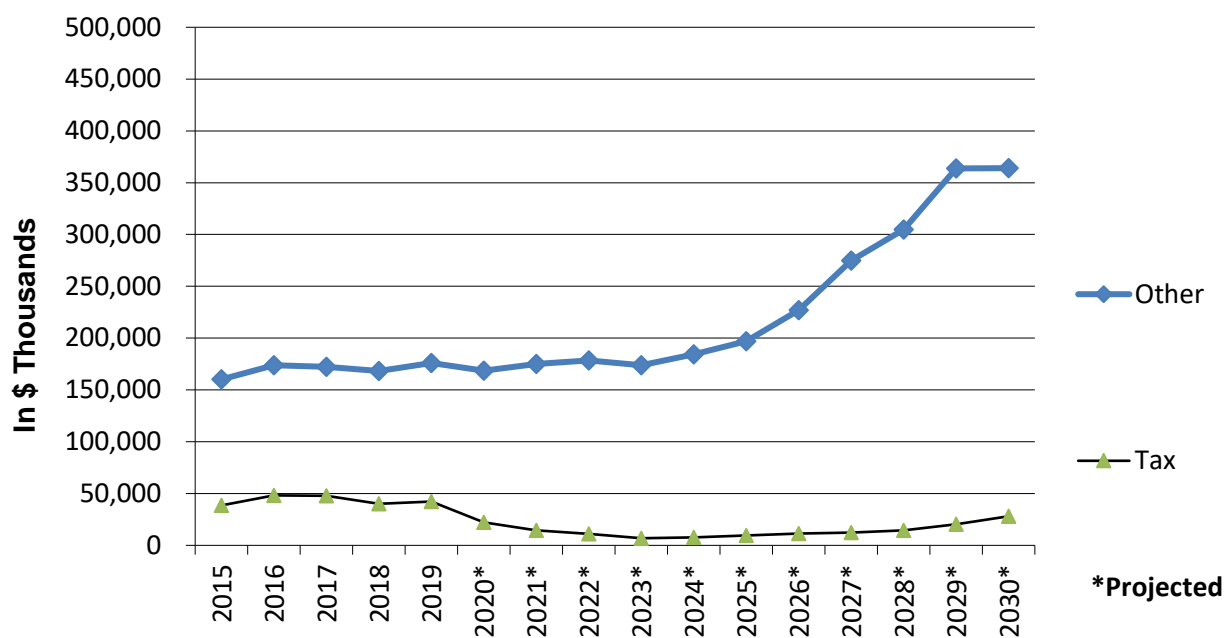
Layer Cake Category	Amount (\$ '000)
Infrastructure: Rehabilitation & Replacement	6,570
Current Growth	60,189
Future Growth	43,202
Operating funded by Capital	3,245
	113,207

Reserves

The Capital Projects Reserve (CPR) balance is above zero throughout the 10-year capital budget and plan. The reserve is projected to have a balance of \$0.2 to \$18.9 million for the period 2023 – 2028. The actual balance at year end for this period should be higher as there is traditionally a lag factor in completing capital projects. The amount for the CPR assumes that Council will approve the 0.5 capital contribution for each of the 2021 and 2022 Operating Budgets and then approve a 1% capital contribution for each year 2023 – 2030. If this does not occur or if changes are made to the current base level of funding of \$9.3 million per year then the capital budgets and plan will have to be adjusted to balance.

The various capital reserves for the self-supported operations have been kept above zero throughout the 10-year capital budget and plan. Reserve balances vary from operation to operation with the low point generally being 2023. Capital projects will be managed within the operations to ensure a positive balance is maintained.

Reserve Balances

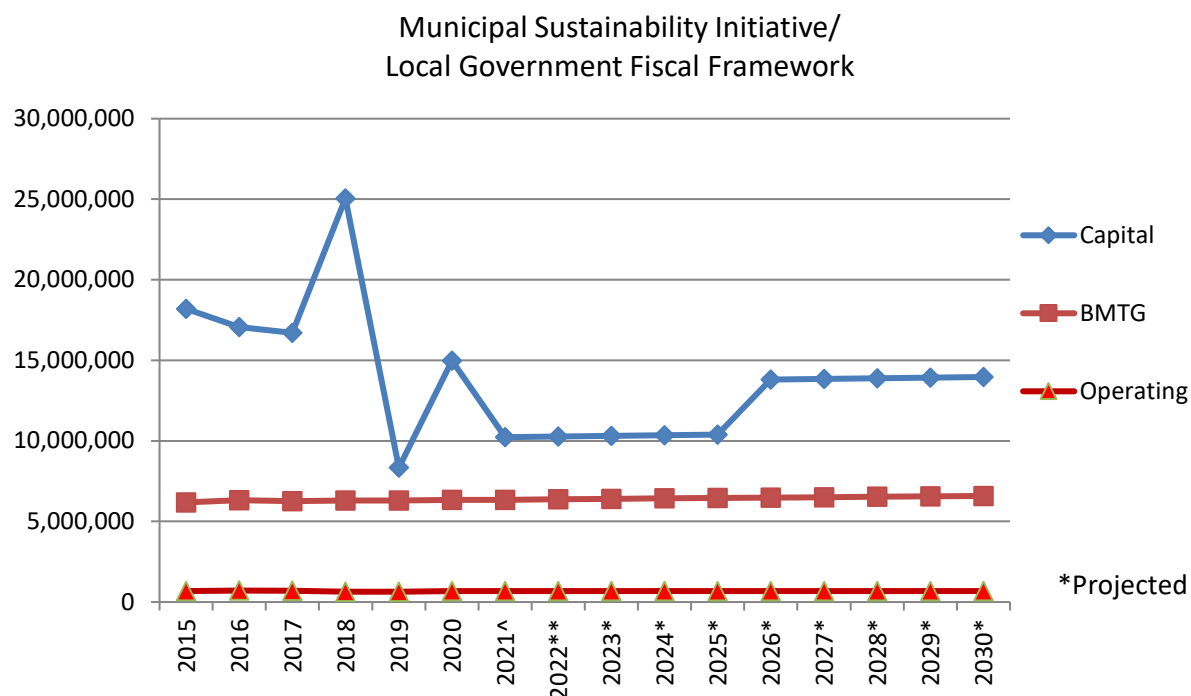


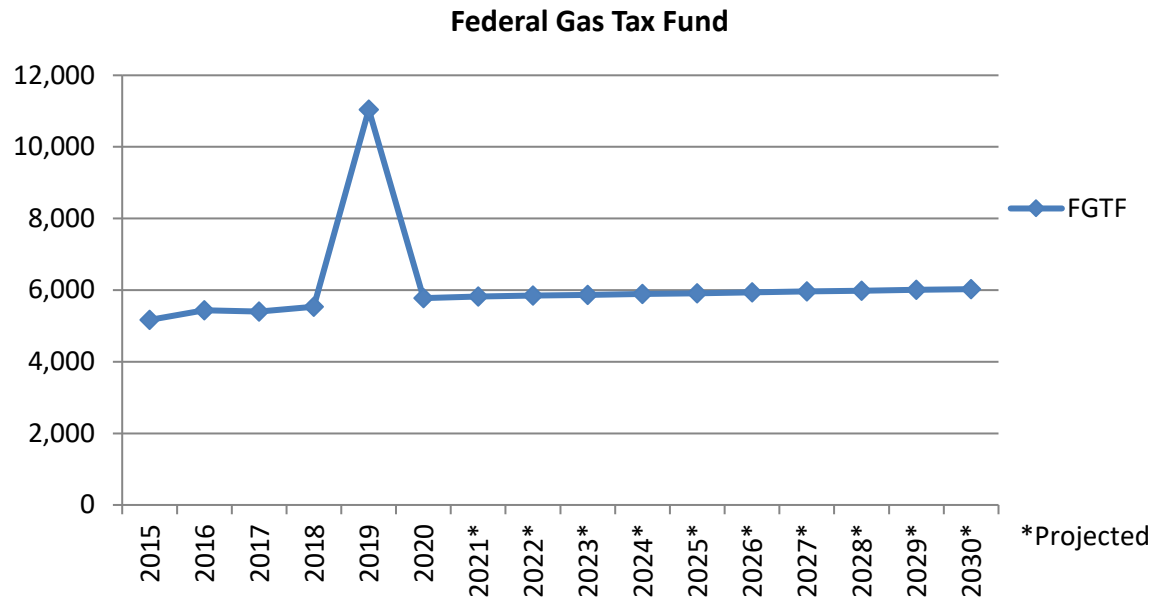
Grants

Projects funded by grants have been managed to ensure that grants are not over spent.

The amount received for 2020 for the Municipal Sustainability Initiative grant represents 90% of the funding received in 2019. The 2021 and 2022 Capital Budgets and 2023 – 2025 of the Capital Plan have been prepared on the basis of a further 25% reduction in funding. The remaining years of the plan have been prepared on the basis of a return to 2020 funding levels. If the funding levels are different than the assumed amounts, adjustments will be required within the 10-year capital plan.

The annual grant received under the Gas Tax Fund (GTF) has remained stable in recent years and there was a one-time injection of funds for 2019. It has been assumed that the amounts will remain stable throughout the plan.





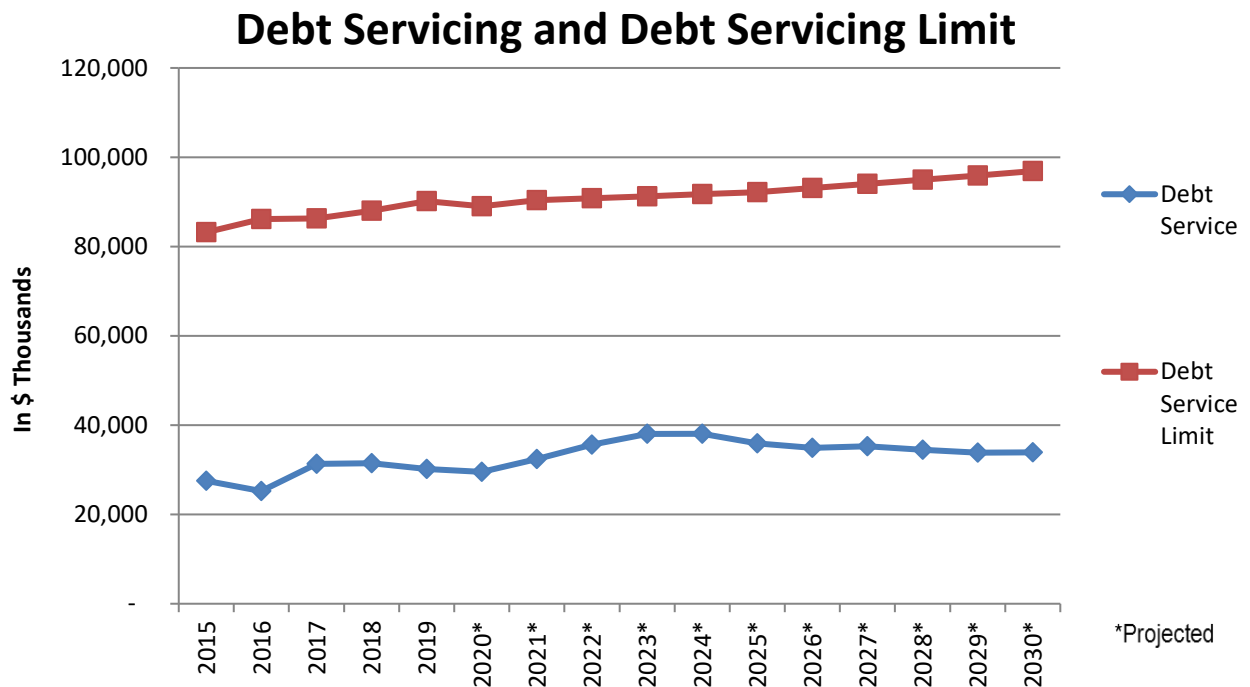
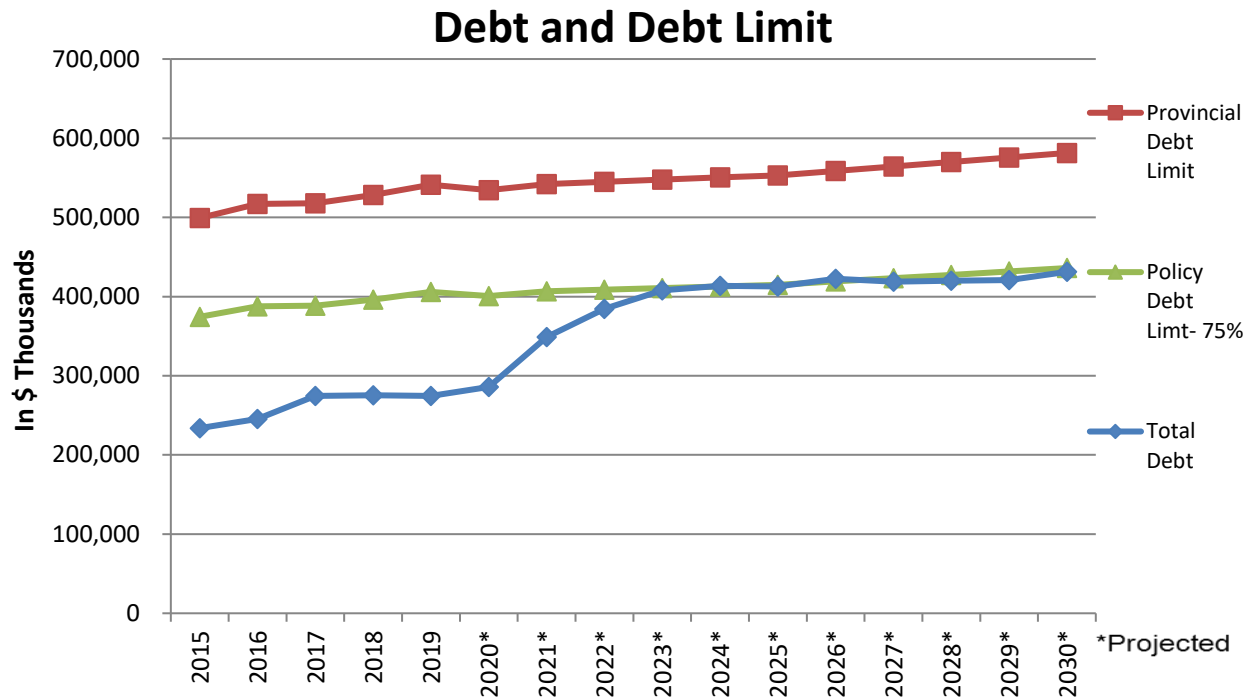
Debt

Debt is used to fund the acquisition of capital assets and spread the impact of paying for the assets over time. The low interest environment makes debt very affordable, however Administration must also have sufficient funds to pay for the debentures which is what the Debt Repayment Reserve is intended for. Most of the City's borrowing is done through the Alberta Capital Finance Authority (ACFA). The advantage of borrowing through the ACFA is that repayment terms of up to 30 years can be obtained and the interest rate does not change throughout the entire repayment term. The Government of Alberta introduced legislation to dissolve the ACFA as part of the 2019 Provincial Budget. The program of offering low cost loans to local authorities is to be carried on directly by the provincial government.

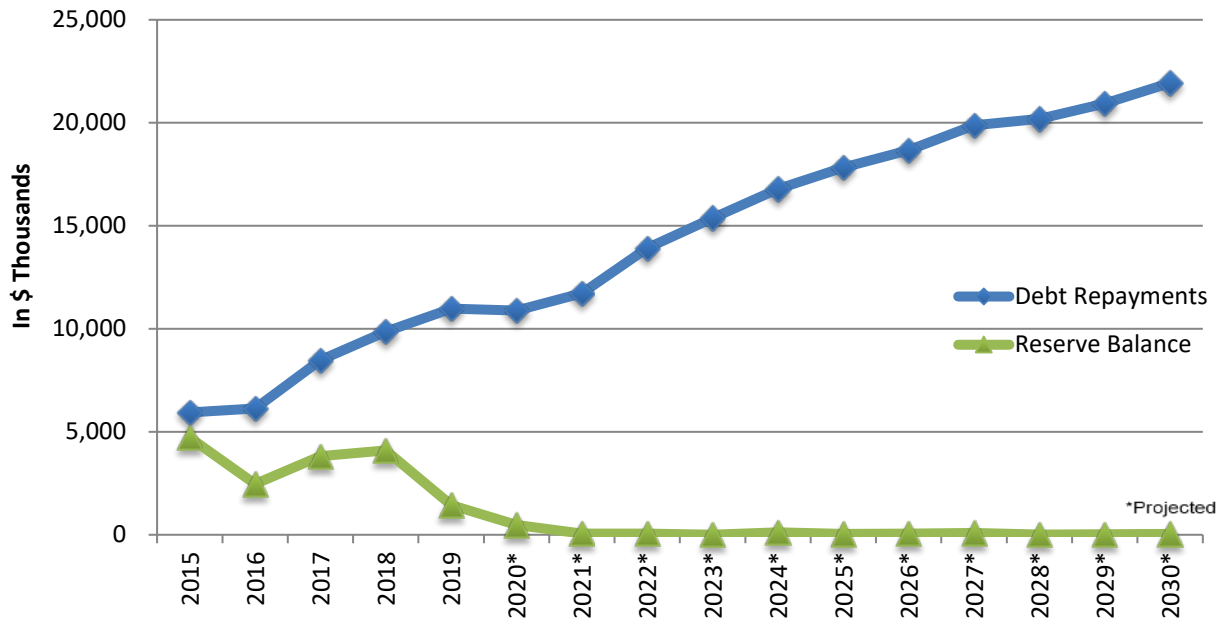
The Government of Alberta has a limit on the total amount of debt that a municipality may incur and a limit on the amount of annual debt servicing. In addition to these limits, City Council has also further restricted through policy the total amount of debt that is allowed for the City to 75% of the provincial debt limit.

To ensure that tax supported debt repayments can be made, The City has established a Debt Repayment Reserve (DRR). The balance in the reserve is projected for 10-years and is sustainable throughout the 10-year capital plan. In order to keep the reserve sustainable, \$77.8 million of transfers from the CPR to the DPR are required in the 10-year capital budget and plan.

Total debt is expected to reach the 75% limit set by Council policy in 2024 and then remain at or close to that level through to 2030. Due to the current low interest rate environment, the debt servicing limit peaks at 42% of the provincial limit in 2023 – 2024 and then declines to about 35% by 2029 – 2030.



Debt Repayment Reserve



Operating Items Funded by Capital

The City does receive requests from other community organizations, such as The Red Deer Public Library and The Red Deer Regional Airport Authority to fund some of their capital. There are also items that the City considers to be capital such as Tree Replacement but accounting rules and regulations state are operating expenses. Both of these types of items are recorded as operating grants / expenses but the funding is provided from capital sources. These items have been included in the Capital Budget and Plan to ensure that the funding sources for these items remain sustainable.

There are 3 operating items funded by capital in the 2021 budget totaling \$554,000 and 2 items in the 2022 budget totaling \$432,000. Funding is split \$281,000 from the Capital Projects Reserve and \$273,000 from the Federal Gas Tax Fund grant for 2021 with the 2022 items funded \$159,000 from the Capital Projects Reserve and \$273,000 from Federal Gas Tax Fund.

Contributed Assets

From time to time the community requests that the City take ownership of an asset the community has built so the City can maintain it in the future. There is one item (West Park Gardens – Store Hill) of this nature related to 2021. The request for operating funds to maintain this asset is included as part of 2021 Operating Impacts from Already Built Capital in the 2021 Operating Budget.

Impacts of Capital on Operating Budgets

In addition to the contributed assets above, there are additional operating requests that are necessary related to the capital items being approved in the budget. In total there are 8 funding requests totaling \$370,595 that are being requested as part of the operating budget approvals for 2021. There are 5 funding requests totaling \$573,806 that are being requested as part of the operating budget approvals for 2022.

Due to multi-year budgets being approved for some projects, the operating costs may not occur until 2023 or later. There are 3 items with operating costs of \$527,325 in 2023 and 3 items with operating costs of \$370,714 in 2024. To comply with Council Budget Guidelines these items will be presented for approval as part of the 2021 and 2022 budget process.

COUNCIL 2021 & 2022 BUDGET GUIDELINE AND ADMINISTRATION RESPONSE

Council Guideline	Administration response
A multi-year budget process will be used with a review process to be utilized for each subsequent year of the multi-year budget process to allow for changes due to external factors. Capital Budgets for 2021 and 2022 and a Capital Plan for 2023 – 2030.	Administration has implemented a multi year budget process for 2021-2022 along with preparing an operating plan and capital plan.
A 0.5% capital contribution (amenities and growth) for the 2021 and 2022 budgets and 1% within the plan	<p>The 0.5% capital contribution (amenity and growth) has been included in the 2021 and 2022 budgets.</p> <p>With a reduction in the capital transfer the capital budget and plan has focused on the sustainability of our assets. The City owns \$3.2 billion in assets</p>
2021 and 2022 Capital Budgets that are compliant with Council Policy Debt GP-F-2.2 which limits debt to 75% of the provincial debt limit	The capital budget complies with the debt policy.
A capital plan that is compliant with Council Policy Debt GP-F-2.2 which limits debt to 75% of the provincial debt limit	The capital plan complies with the debt policy.
Reserves, excluding Offsite Reserve, in a positive balance	<p>All of our reserves are in a positive balance except for the offsite levy fund.</p> <p>With the new offsite levy bylaw, reserves for offsites will now be shown in a deficit position. This clearly shows the amount of money The City has front ended to encourage development.</p>
Including operating impacts of capital for all future years	<p>Capital budgets identify operating impacts and any operating funding required in 2021-2022 have been included in the operating budget.</p> <p>One of the benefits of considering capital and operating budgets at the same time is creating the stronger connection between these two budgets and understanding the impact.</p>
A capital budget and plan that uses the 2020 budget and plan as a starting point	<p>Administration has prepared a capital budget and capital plan for Council’s consideration.</p> <p>The capital plan from 2020 did serve as a starting point for the 2021 – 2022 Capital Budgets, however some changes have been made as a result of the current slow economic climate, corporate finances and COVID-19</p>
A capital plan that reflects the policy direction set by Council including its strategic direction, opportunities to leverage grants and revised growth projections	The capital plan focuses our investment on basic maintenance and infrastructure.
Using the layer cake to present our capital plan	The capital budget is presented differently this year but does include a presentation by layer cake.

Council Guideline	Administration response
Providing a copy of the capital plan to the public (in hard copy and digital format) to allow for public feedback that is provided to Council	The capital budget will be placed on line. Due to ongoing concerns with COVID-19, the decision was made to not put hard copy capital plans in our facilities.

Top 20 Capital Projects (Budget 2021)
Amounts in thousand of dollars

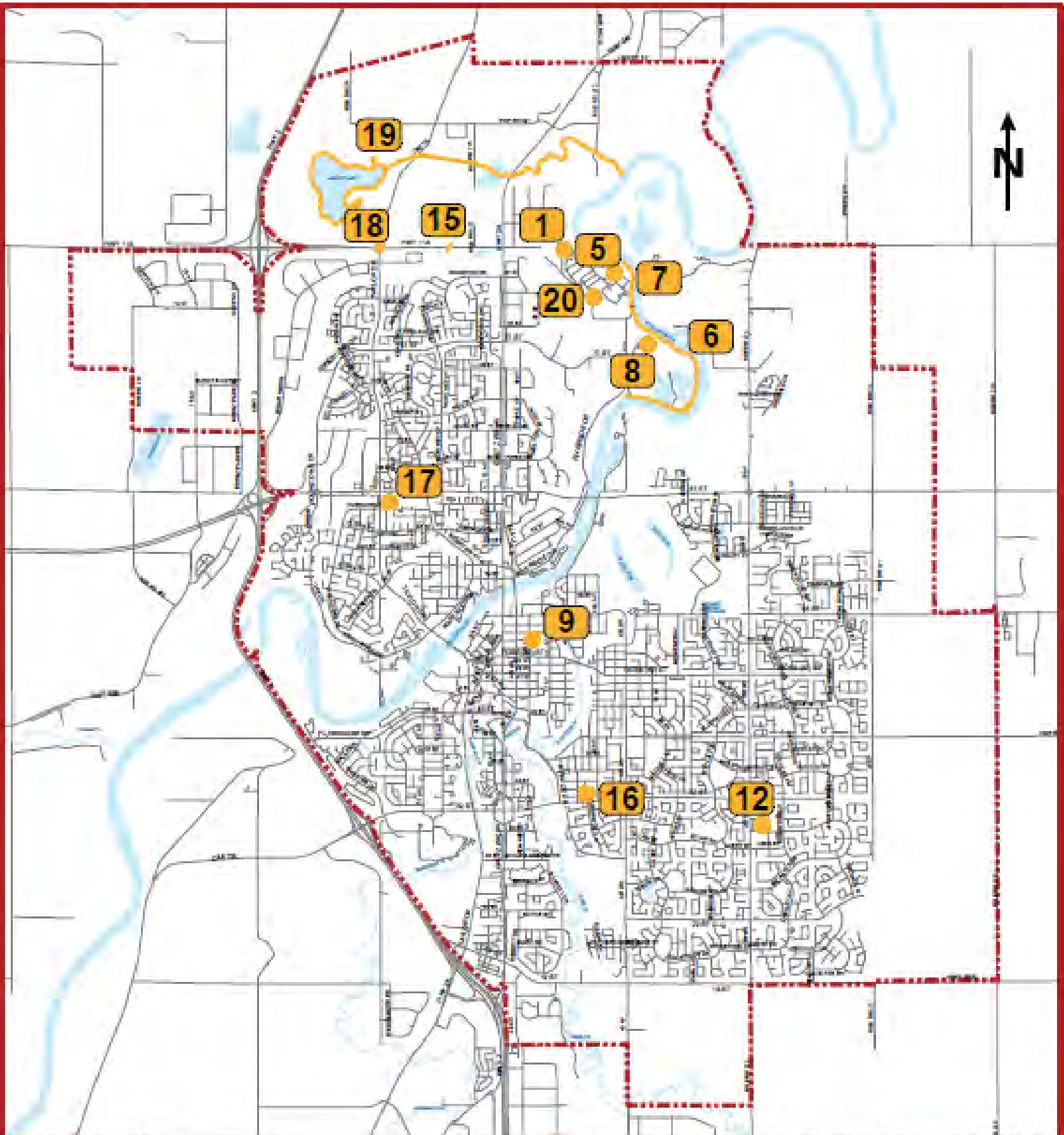
TAX SUPPORTED OPERATIONS	INFRASTRUCTURE REPLACEMENTS										
	Project	Dept	Item #	2021 APPROVAL	2021	2022	2023	2024	2025	2026-2030	Capital Plan
	2021 - Fire Training Facility	ESD	220	4,468	4,468	-	-	-	-	-	-
	2021 Paved Roadway Network Management	PPW	74	13,788	13,788	-	-	-	-	-	-
	Civic Yards Flood Berm	ENV	252	4,604	4,604	-	-	-	-	-	-
	Collicutt Centre Preservation 2021	SHC	108	2,945	2,945	-	-	-	-	-	-
	Intermediate (Central) School Renovation Completion	INL	251	4,604	4,604	-	-	-	-	-	-
	Storm Water Infrastructure - Annual Program	ENV	199	8,023	8,023	-	-	-	-	-	-
	CURRENT GROWTH										
	9-1-1 Emergency Communications Centre	ESD	219	5,782	5,782	-	-	-	-	-	-
	CP Rail Overpass (Hwy 11A between Taylor Dr & Gaetz Avenue)(Note1)	ENG	3	6,343	6,343	-	-	-	-	-	-
	COMMUNITY AMENITIES										
	GH Dawe Community Centre Project 2021	SHC	102	35,526	17,367	18,158	-	-	-	-	-
	Park Land Acquisition 2021	PPW	248	10,100	10,100	-	-	-	-	-	-
	FUTURE GROWTH										
	Road 6: Taylor Drive / Hwy 11A Intersection(Note1)	ENG	2	8,184	8,184	-	-	-	-	-	-
Total - Tax Operations				104,366	86,208	18,158	-	-	-	-	-

UTILITY/SELF-SUPPORTED	INFRASTRUCTURE REPLACEMENTS									
	2021 Fleet Replacement Vehicles (Note1)	TRN	77	2,812	2,812	-	-	-	-	-
	ELP Substations & SCADA Multi-Year -CURRENT PROJECTS	ELP	174	2,654	1,355	708	591	-	-	-
	Wastewater Main Infrastructure - Annual Program	ENV	198	3,954	3,954	-	-	-	-	-
	Wastewater Treatment Plant Flood Berm Construction	ENV	253	3,946	3,946	-	-	-	-	-
	Water Utility Infrastructure - Annual Program	ENV	195	7,540	7,540	-	-	-	-	-
	WWTP Rehab, Replacements & Upgrades	ENV	200	3,905	3,905	-	-	-	-	-
	CURRENT GROWTH									
	ELP Enhancements of Electrical Service (Customer-Driven) 2021 (CY)	ELP	176	2,406	2,406	-	-	-	-	-
	FUTURE GROWTH									
	Area 1: Hazlett Lake - Overflow Drainage Route Rehabilitation	ENG	6	2,806	1,023	1,783	-	-	-	-
	WWTP Phase 5A Project	ENV	193	42,313	4,092	18,874	19,346	-	-	-
Total - Utility/Self Operations				72,334	31,032	21,365	19,937	-	-	-
Total for Top 20 (Current Budget)				176,701	117,241	39,523	19,937	-	-	-
% of Total Budget				81%	74%	30%	17%	0%	0%	0%
Total for remaining minor projects (80 for 2021)				42,532	40,225	91,590	95,767	97,578	109,705	616,456
Total Budget				219,233	157,466	131,113	115,705	97,578	109,705	616,456
Remaining - Number of projects				80						

NOTE 1: Projects under both Tax and Utility operations

Project	Tax	Utility
2021 Fleet Replacement Vehicles	4%	96%
CP Rail Overpass (Hwy 11A between Taylor Dr & Gaetz Avenue)	75%	25%
Road 6: Taylor Drive / Hwy 11A Intersection	75%	25%

Capital Detail Sheets available in order of Item # (see table of contents)



Item	Department	Category	Project	2021 Approval	2021	2022	2023	2024	2025	2026-2030
1	ELP	IR	ELP Substations & SCADA Multi-Year	2,464	1,355	708	591			
2	ENV	IR	Water Utility Infrastructure - Annual Program	7,540	7,540					
3	ENV	IR	Wastewater Main Infrastructure - Annual Program	3,954	3,954					
4	ENV	IR	Storm Water Infrastructure - Annual Program	8,023	8,023					
5	ENV	IR	WWTP Rehab, Replacements & Upgrades	3,905	3,905					
6	ENV	IR	Civic Yards Flood Berm	4,804	4,804					
7	ENV	IR	Wastewater Treatment Plant Flood Berm Construction	3,945	3,945					
8	ESD	IR	Fire Training Facility	4,468	4,468					
9	INL	IR	Intermediate (Central) School Renovation Completion	4,604	4,604					
10	PPW	IR	Park Land Acquisition 2021	10,100	10,100					
11	PPW	IR	Paved Roadway Network Management	13,788	13,788					
12	SHC	IR	Collicutt Centre Preservation 2021	2,945	2,945					
13	TRN	IR	2021 Fleet Replacement Vehicles	2,812	2,812					
14	ELP	CG	ELP Enhancements of Electrical Service (Customer-Driven) 2021	2,406	2,406					
15	ENG	CG	CP Rail Overpass (Hwy 11A between Taylor Dr & Gestz Avenue)	6,343	6,343					
16	ESD	CG	9-1-1 Emergency Communications Centre	5,782	5,782					
17	SHC	CA	GH Dowe Community Centre Project 2021	35,526	17,367	18,168				
18	ENG	FG	Road 6: Taylor Drive / Hwy 11A Intersection	8,184	8,184					
19	ENG	FG	Area 1: Hazlett Lake - Overflow Drainage Route Rehabilitation	2,886	1,023	1,783				
20	ENV	FG	WWTP Phase 5A Project	42,313	4,092	18,874	19,346			



Top 20 Capital Projects for 2021

City of Red Deer

2021 - 2030 Capital Budget


NORTH
1 : 55,000
October 15, 2020
Version: 1

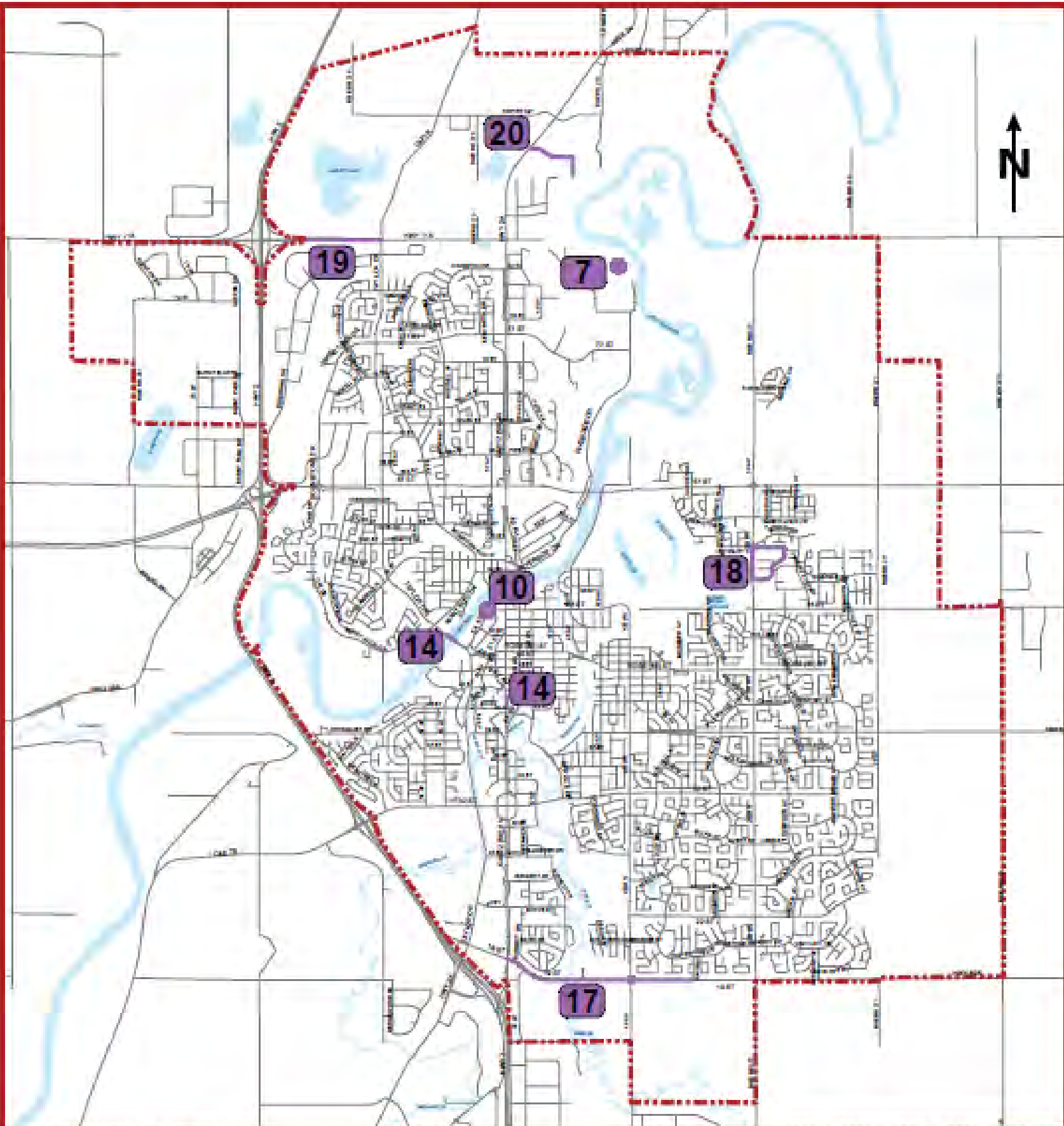
Top 20 Capital Projects (Budget 2022)

Amounts in thousand of dollars

TAX SUPPORTED OPERATIONS	INFRASTRUCTURE REPLACEMENTS										
	Project	Dept	Item #	2022 APPROVAL	2021	2022	2023	2024	2025	2026-2030	Capital Plan
	2022 Bridge Rehabilitation and Replacement	PPW	78	1,416	-	1,416	618	1,376	7,156	49,205	58,355
	2022 Information Technology Refresh	ITS	166	962	-	962	1,024	1,253	1,335	7,211	10,823
	2022 Paved Roadway Network Management	PPW	73	14,599	-	14,599	14,197	14,682	15,257	81,151	125,287
	Install New Parking Pay Infrastructure	INL	67	2,884	-	2,884	-	-	-	-	-
	Traffic Control Systems Replacement	ENG	7	2,097	-	2,097	2,150	2,201	2,254	9,584	16,189
	CURRENT GROWTH										
	College Park Servicing (Water/Sanitary)	ENG	4	4,719	-	4,719	-	-	-	-	-
	South East Sector Transportation System	ENG	1	22,395	-	15,624	6,771	-	-	-	-
Total - Tax Operations				49,072	-	42,300	24,760	19,512	26,003	147,151	210,655

UTILITY/SELF SUPPORTED	INFRASTRUCTURE REPLACEMENTS										
	2022 Fleet Replacement Vehicles(Note2)	TRN	75	6,214	-	6,214	7,784	7,146	12,947	37,641	65,519
	Development Servicing - Annual	ENV	204	1,462	-	1,462	1,527	1,595	1,666	9,528	14,316
	ELP Infrastructure Replacements & Upgrades 2022 (FC)	ELP	173	2,595	-	2,595	2,902	3,302	3,381	18,198	27,783
	ELP Overhead & Underground Systems-Annual 2022 (FC)	ELP	177	1,971	-	1,971	1,806	1,849	1,893	10,377	15,925
	Municipal 3rd Party Capital Work	ENG	9	1,573	-	1,573	1,612	1,651	1,690	9,099	14,053
	Wastewater Main Infrastructure	ENV	203	1,696	-	1,696	28	20	37	182	267
	Wastewater Main Infrastructure - Annual Program	ENV	197	4,157	-	4,157	4,322	4,515	4,715	26,970	40,522
	Water Utility Infrastructure- Annual Program	ENV	194	7,927	-	7,927	10,522	10,990	11,478	65,661	98,652
	WTP Rehabilitation & Replacement	ENV	207	1,057	-	1,057	844	1,268	194	3,052	5,357
	WWTP Rehabilitation, Replacement and Upgrades - Annual Program	ENV	202	2,046	-	2,046	1,952	5,388	7,129	45,468	59,938
CURRENT GROWTH											
ELP Enhancements of Electrical Service (Customer-Driven) 2022 (FC)	ELP	175	2,495	-	2,495	2,587	2,681	2,776	15,503	23,547	
Northland Dr from Hwy 2 to Taylor Dr - 4 lanes	ENG	5	4,089	-	4,089	-	-	-	-	-	
FUTURE GROWTH											
Sanitary Trunk (NE3) - adjacent to Hwy 2A, connecting shared Regional Line to the area (City Snow Site)	ENG	11	1,363	-	1,363	-	-	-	-	-	
Total - Utility/Self Operations			38,644	-	38,644	35,886	40,405	47,908	241,680	365,879	
Total for Top 20 (Current Budget)			87,716	-	80,944	60,645	59,917	73,910	388,832	576,533	
% of Total Budget			90%		89%	64%	62%	68%	63%	63%	
Total Cash Flow				157,466	131,113	115,705	97,578	109,705	616,456	911,268	
Minus 2021 Approval (Including 2021 Multi Year Projects)				(157,466)	(40,363)	(20,958)	(220)	(225)	-	-	
Total for remaining Minor projects (44 for 2022)			9,805	-	9,805	34,101	37,440	35,569	227,624	334,735	
Total Budget			97,521	-	90,750	94,746	97,358	109,480	616,456	911,268	
NOTE 2: Projects under both Tax and Utility operations											
Project	Tax	Utility									
2022 Fleet Replacement Vehicles	2%	98%									

Capital Detail Sheets available in order of Item # (see table of contents)



Item	Department	Category	Project	2022 Approval	2021	2022	2023	2024	2025	2026-2030
1	ELP	IR	ELP Infrastructure Replacements & Upgrades 2022	2,595		2,595	2,902	3,302	3,391	18,198
2	ELP	IR	ELP Overhead & Underground Systems-Annual 2022	1,971		1,971	1,806	1,849	1,893	10,377
3	ENG	IR	Traffic Control Systems Replacement	2,097		2,097	2,160	2,201	2,254	9,564
4	ENG	IR	Municipal 3rd Party Capital Work	1,573		1,573	1,612	1,651	1,690	9,099
5	ENV	IR	Water Utility Infrastructure- Annual Program	7,927		7,927	10,522	10,990	11,478	65,651
6	ENV	IR	Wastewater Main Infrastructure - Annual Program	4,157		4,157	4,322	4,515	4,715	26,970
7	ENV	IR	WWTP Rehabilitation, Replacement and Upgrades - Annual Program	2,046		2,046	1,952	5,388	7,129	45,468
8	ENV	IR	Wastewater Main Infrastructure	1,695		1,695	28	20	37	182
9	ENV	IR	Development Servicing - Annual	1,462		1,462	1,527	1,595	1,665	9,528
10	ENV	IR	WTP Rehabilitation & Replacement	1,057		1,057	844	1,268	194	3,052
11	INL	IR	Install New Parking Pay Infrastructure	2,684		2,684				
12	ITS	IR	Information Technology Refresh	962		962	1,024	1,253	1,335	7,211
13	PPW	IR	2022 Paved Roadway Network Management	14,599		14,599	14,197	14,682	15,257	81,151
14	PPW	IR	2022 Bridge Rehabilitation and Replacement	1,416		1,416	618	1,376	7,156	49,205
15	TRN	IR	2022 Fleet Replacement Vehicles	6,214		6,214	7,784	7,146	12,947	37,641
16	ELP	CG	ELP Enhancements of Electrical Service (Customer-Driven)	2,495		2,495	2,587	2,681	2,776	15,503
17	ENG	CG	South East Sector Transportation System	22,395		15,624	6,771			
18	ENG	CG	College Park Servicing (Water/Sanitary)	4,719		4,719				
19	ENG	CG	Northland Dr from Hwy 2 to Taylor Dr - 4 lanes	4,089		4,089				
20	ENG	FG	Sanitary Trunk (NE3) - adjacent to Hwy 2A, connecting shared Regional Line to the area (City Snow Site)	1,363		1,363				



Top 20 Capital Projects for 2022
City of Red Deer
2021 - 2030 Capital Budget

NORTH
1" = 55,000
October 15, 2020
Version: 1

Top 20 Capital Projects (Capital Plan)

Amounts in thousand of dollars

TAX SUPPORTED OPERATIONS	INFRASTRUCTURE REPLACEMENTS										
	Project	Dept	Item #	2022 APPROVAL	2021	2022	2023	2024	2025	2026-2030	Capital Plan
	2022 Bridge Rehabilitation and Replacement	PPW	78	1,416	-	1,416	618	1,376	7,156	49,205	58,355
	2022 Facility Management-Civic Yards Leased Buildings & ES	SHC	81	-	-	-	222	158	225	15,371	15,977
	2022 Information Technology Refresh	ITS	166	962	-	962	1,024	1,253	1,335	7,211	10,823
	2022 Paved Roadway Network Management	PPW	73	14,599	-	14,599	14,197	14,682	15,257	81,151	125,287
	Storm Water Infrastructure - Annual Program	ENV	196	-	-	0	4,474	4,763	5,074	30,730	45,041
	Traffic Control Systems Replacement	ENG	7	2,097	-	2,097	2,150	2,201	2,254	9,584	16,189
	CURRENT GROWTH										
	32 St / Taylor Dr Intersection	ENG	40	-	-	-	-	-	454	6,693	7,148
Total - Tax Operations				19,074	-	19,074	22,685	24,434	31,756	199,945	278,820

UTILITY/SELF SUPPORTED	INFRASTRUCTURE REPLACEMENTS										
	2022 Fleet Replacement Vehicles	TRN	75	6,214	-	6,214	7,784	7,146	12,947	37,641	65,519
	Development Servicing - Annual	ENV	204	1,462	-	1,462	1,527	1,595	1,666	9,528	14,316
	ELP Infrastructure Replacements & Upgrades 2022 (FC)	ELP	173	2,595	-	2,595	2,902	3,302	3,381	18,198	27,783
	ELP Overhead & Underground Systems-Annual 2022 (FC)	ELP	177	1,971	-	1,971	1,806	1,849	1,893	10,377	15,925
	ELP Substations & SCADA 2022 (FC)	ELP	187	346	-	346	387	55	56	8,727	9,226
	Fleet Replacement Vehicles (Future Multi-Year 2023+)	TRN	101	-	-	-	2,386	2,433	7,488	38,959	51,266
	Municipal 3rd Party Capital Work	ENG	9	1,573	-	1,573	1,612	1,651	1,690	9,099	14,053
	Wastewater Main Infrastructure - Annual Program	ENV	197	4,157	-	4,157	4,322	4,515	4,715	26,970	40,522
	Water Utility Infrastructure- Annual Program	ENV	194	7,927	-	7,927	10,522	10,990	11,478	65,661	98,652
	WWTP Rehabilitation, Replacement and Upgrades - Annual Program	ENV	202	2,046	-	2,046	1,952	5,388	7,129	45,468	59,938
	CURRENT GROWTH										
	ELP Enhancements of Electrical Service (Customer-Driven) 2022 (FC)	ELP	175	2,495	-	2,495	2,587	2,681	2,776	15,503	23,547
	Section 13 Subdivision Development	LED	71	-	-	-	-	-	-	8,536	8,536
	Waste Management Infrastructure	ENV	208	653	-	653	3,632	638	5,179	13,010	22,459
Total - Utility/Self Operations			31,438	-	31,438	41,419	42,243	60,400	307,678	451,740	
Total for Top 20 (Current Budget)			50,513	-	50,513	64,104	66,677	92,156	507,623	730,560	
% of Total Budget			52%	0%	39%	55%	68%	84%	82%	80%	
Total for remaining 104 Minor projects in Capital Plan			47,008	157,466	80,600	51,600	30,900	17,550	108,833	180,708	
Total Budget			97,521	157,466	131,113	115,705	97,578	109,705	616,456	911,268	

Capital Detail Sheets available in order of Item # (see table of contents)

MULTI-YEAR CAPITAL PROJECTS

Project	Dept	Item #	2021 Budget	2022 Budget	FY21	FY22	FY23	FY24	FY25	FY26-30
2021 - CAD Refresh/System Intelligence	ESD	221	876	-	614	262	-	-	-	-
Capital Budget Contingency	CMD	235	200	-	200	-	-	-	-	-
ELP Substations & SCADA Multi-Year -CURRENT PROJECTS	ELP	174	2,654	-	1,355	708	591	-	-	-
GH Dawe Community Centre Project 2021	SHC	102	35,526	-	17,367	18,158	-	-	-	-
Kinex Arena - Preservation 2021	SHC	107	806	-	-	-	806	-	-	-
South East Sector Transportation System	ENG	1	-	22,395	-	15,624	6,771	-	-	-
South Gaetz Avenue Valve Installation	ENV	209	621	-	307	315	-	-	-	-
Water Distribution System Pressure Monitoring	ENV	213	106	-	52	53	-	-	-	-
WMF Security	ENV	206	1,075	-	205	210	215	220	225	-
WWTP Phase 5A Project	ENV	193	42,313	-	4,092	18,874	19,346	-	-	-
Area 1: Hazlett Lake - Overflow Drainage Route Rehabilitation	ENG	6	2,806	-	1,023	1,783	-	-	-	-
Grand Total			86,982	22,395	25,215	55,987	27,730	220	225	-

2021 – 2022 CAPITAL PROJECT DETAIL

INFRASTRUCTURE REPLACEMENT / REHABILITATION PROJECTS

These projects restore, improve or replace a current facility, structure, property or equipment. These are foundational projects that bring current infrastructure back to good condition, restore to a former capacity, put something new in place for something that is worn out or no longer usable, or an improvement that adds value. This layer often relates to the core or basic services we deliver to our community and ensures the proper maintenance of our assets for the long term.

Administration's proposed budget focuses spending in the area of basic infrastructure. Given the current slow economy, maintaining our current assets is not only a responsible approach, it ensures that our fundamental city services are able to be delivered efficiently and effectively.

For the 2021 Capital Budget, Council will be asked to approve \$102.0 million of projects within the Infrastructure Replacement / Rehabilitation category including multi-year projects.

This represents 46% of the overall budget for 2021 and consists of 80 projects.

Item	Amount
2021 Projects included in the Top 20 List (12)	63,242
Remaining 68 Projects	38,732
Total	101,974

For the 2022 Capital Budget, Council will be asked to approve \$60.9 million of projects within the Infrastructure Replacement / Rehabilitation category including multi-year projects.

This represents 62% of the overall budget for 2022 and consists of 53 projects.

Item	Amount
2022 Projects included in the Top 20 List (15)	52,655
Remaining 38 Projects	8,292
Total	60,947

For the 2023 – 2030 Capital Plan, Council will be asked to approve in principle \$782.5million of projects within the Infrastructure Replacement / Rehabilitation category.

This represents 86% of the overall capital plan.

Item	Amount
2023 – 2030 Projects included in the Top 20 List (16)	668,871
Remaining 66 Projects	113,639
Total	782,510

A Capital Budget Detail sheet for each of the projects included in the Top 20 Lists for 2021, 2022 and 2023 – 2030. See table of contents for Capital Detail Sheets presented in item number order.

CURRENT GROWTH

This category includes all projects excluding community amenities that are within the current growth area in the engineering map. Investments in current growth are for projects that will allow the city to provide effective and efficient services to residents. They are typically improvements to existing infrastructure.

For the 2021 Capital Budget, Council will be asked to approve \$18.3 million of projects within the Current Growth category including multi year.

This represents 8% of the overall budget for 2021 and consists of 14 projects.

Item	Amount
2021 Projects included in the Top 20 List (3)	14,531
Remaining 11 Projects	3,798
Total	18,329

For the 2022 Capital Budget, Council will be asked to approve \$35.2 million of projects within the Current Growth category including multi year.

This represents 36% of the overall budget for 2022 and consists of 10 projects.

Item	Amount
2022 Projects included in the Top 20 List (4)	33,698
Remaining 6 Projects	1,513
Total	35,211

For the 2023 – 2030 Capital Plan, Council will be asked to approve in principle \$108 million of projects within the Current Growth category.

This represents 12% of the overall capital plan.

Item	Amount
2023 – 2030 Projects included in the Top 20 List (4)	61,689
Remaining 27 Projects	46,738
Total	108,427

A Capital Budget Detail sheet for each of the projects included in the Top 20 Lists for 2021, 2022 and 2023 – 2030 is attached for information. See table of contents for Capital Detail Sheets presented in item number order.

FUTURE GROWTH

This category includes all projects excluding community amenities that are within the future growth area in the engineering map. Due to slower growth this layer has reduced spending within the budget, however it is important we continue projects that will build the infrastructure needed for future economic development.

For the 2021 Capital Budget, Council will be asked to approve \$53.3 million of projects within the Future Growth category including multi year.

This represents 24% of the overall budget for 2021 and consists of 3 projects.

Item	Amount
2021 Projects included in the Top 20 List (3)	53,302

For the 2022 Capital Budget, Council will be asked to approve \$1.4 million of projects within the Future Growth category including multi year.

This represents 1% of the overall budget for 2022 and consists of 1 project.

Item	Amount
2022 Projects included in the Top 20 List (1)	1,363

For the 2023 – 2030 Capital Plan, Council will be asked to approve in principle \$14.5 million of projects within the Future Growth category.

This represents 2% of the overall capital plan.

Item	Amount
2023 – 2030 Projects included in the Top 20 List (0)	-
Remaining 8 Projects	14,540

A Capital Budget Detail sheet for each of the projects included in the Top 20 Lists for 2021, 2022 and 2023 – 2030 is attached for information. See table of contents for Capital Detail Sheets presented in item number order.

AMENITIES

These are projects that consist of major renovation or new construction of recreation, culture or public spaces.

For the 2021 Capital Budget, Council will be asked to approve \$45.6 million of projects within the Amenities category including multi year.

This represents 21% of the overall budget for 2021 and consists of 2 projects.

Item	Amount
2021 Projects included in the Top 20 List (2)	45,626

For the 2022 Capital Budget, Council will be asked to approve \$0 of projects within the Amenities category including multi year.

This represents 0% of the overall budget for 2022 and consists of no projects.

Item	Amount
2022 Projects included in the Top 20 List (0)	0
Remaining 0 Projects	0
Total	0

For the 2023 – 2030 Capital Plan, Council will be asked to approve in principle \$5.8 million of projects within the Amenities category.

This represents 1% of the overall capital plan.

Item	Amount
2023 – 2030 Projects included in the Top 20 List (0)	0
Remaining 3 Projects	5,791
Total	5,791

A Capital Budget Detail sheet for each of the projects included in the Top 20 Lists for 2021, 2022 and 2023 – 2030 is attached for information See table of contents for Capital Detail Sheets presented in item number order.

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4	College Park Servicing (Water/Sanitary)	ENG	37
5	Northland Dr from Hwy 2 to Taylor Dr - 4 lanes	ENG	38
6	Area 1: Hazlett Lake - Overflow Drainage Route	ENG	39
7	Traffic Control Systems Replacement	ENG	40
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11	Line to the area (City Snow Site)	ENG	
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67	Install New Parking Pay Infrastructure	INL	44
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102	GH Dawe Community Centre Project	SHC	55
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195	Water Utility Infrastructure - Annual Program (2021)	ENV	66
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200	WWTP Rehab. Replacements & Upgrades - Annual Program (2021)	ENV	71
202	WWTP Rehab. Replacements & Upgrades - Annual Program (2022+)	ENV	72
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204	Development Servicing - Annual	ENV	74

Item	Description	Dept	Page
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208	Waste Management Infrastructure	ENV	76
219	9-1-1 Emergency Communications Centre	EMS	77
220	2021 - Fire Training Facility	EMS	78
248	Park Land Acquisition 2021	PPW	79
251	Intermediate (Central) School Renovation	INL	80
252	Civic Yards Flood Berm	ENV	81
253	Wastewater Treatment Plant Flood Berm	ENV	82

Top 20 Capital Projects (Budget 2021)
Amounts in thousand of dollars

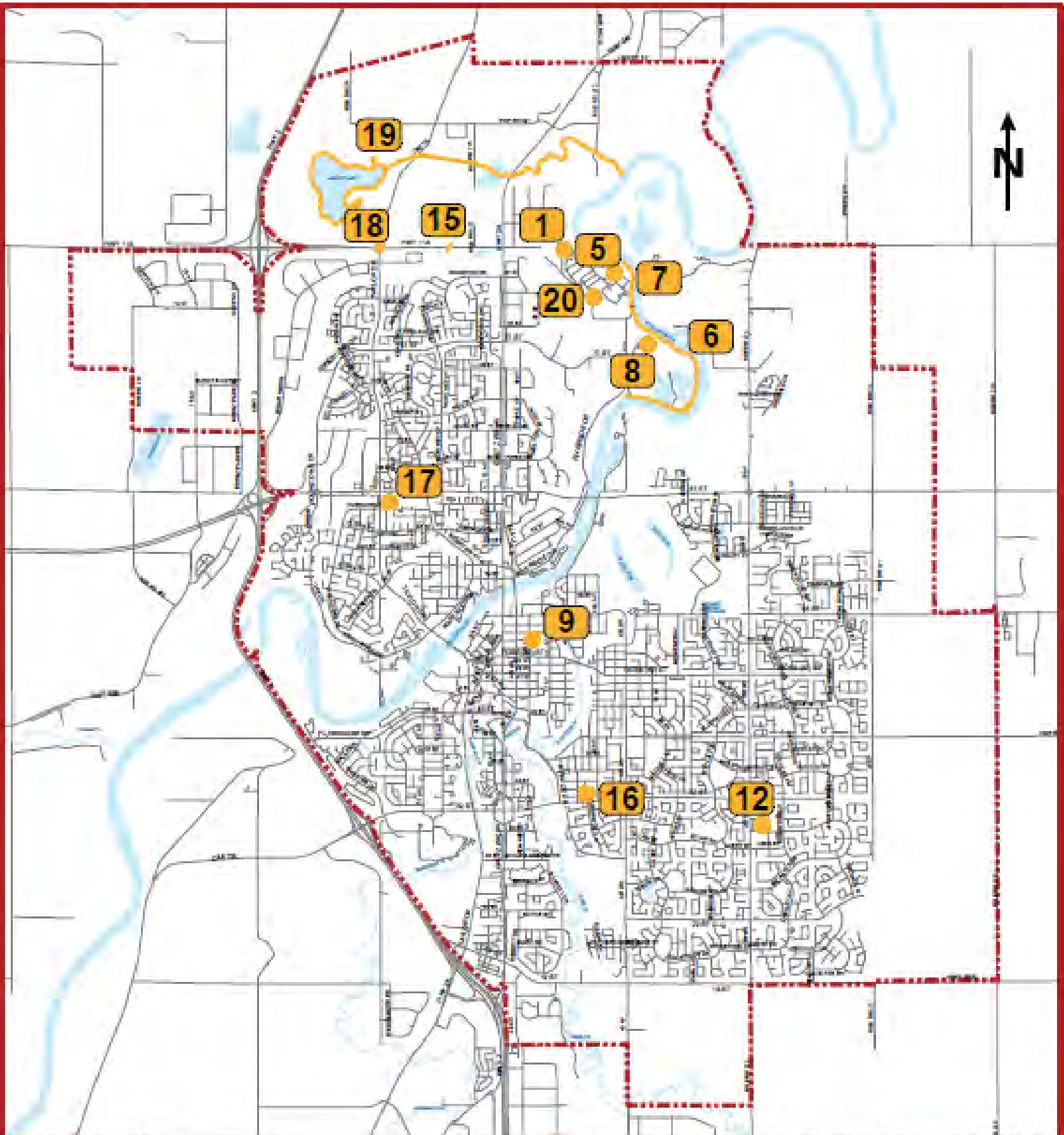
TAX SUPPORTED OPERATIONS	INFRASTRUCTURE REPLACEMENTS										
	Project	Dept	Item #	2021 APPROVAL	2021	2022	2023	2024	2025	2026-2030	Capital Plan
	2021 - Fire Training Facility	ESD	220	4,468	4,468	-	-	-	-	-	-
	2021 Paved Roadway Network Management	PPW	74	13,788	13,788	-	-	-	-	-	-
	Civic Yards Flood Berm	ENV	252	4,604	4,604	-	-	-	-	-	-
	Collicutt Centre Preservation 2021	SHC	108	2,945	2,945	-	-	-	-	-	-
	Intermediate (Central) School Renovation Completion	INL	251	4,604	4,604	-	-	-	-	-	-
	Storm Water Infrastructure - Annual Program	ENV	199	8,023	8,023	-	-	-	-	-	-
	CURRENT GROWTH										
	9-1-1 Emergency Communications Centre	ESD	219	5,782	5,782	-	-	-	-	-	-
	CP Rail Overpass (Hwy 11A between Taylor Dr & Gaetz Avenue)(Note1)	ENG	3	6,343	6,343	-	-	-	-	-	-
	COMMUNITY AMENITIES										
	GH Dawe Community Centre Project 2021	SHC	102	35,526	17,367	18,158	-	-	-	-	-
	Park Land Acquisition 2021	PPW	248	10,100	10,100	-	-	-	-	-	-
	FUTURE GROWTH										
	Road 6: Taylor Drive / Hwy 11A Intersection(Note1)	ENG	2	8,184	8,184	-	-	-	-	-	-
Total - Tax Operations				104,366	86,208	18,158	-	-	-	-	-

UTILITY/SELF-SUPPORTED	INFRASTRUCTURE REPLACEMENTS									
	2021 Fleet Replacement Vehicles (Note1)	TRN	77	2,812	2,812	-	-	-	-	-
	ELP Substations & SCADA Multi-Year -CURRENT PROJECTS	ELP	174	2,654	1,355	708	591	-	-	-
	Wastewater Main Infrastructure - Annual Program	ENV	198	3,954	3,954	-	-	-	-	-
	Wastewater Treatment Plant Flood Berm Construction	ENV	253	3,946	3,946	-	-	-	-	-
	Water Utility Infrastructure - Annual Program	ENV	195	7,540	7,540	-	-	-	-	-
	WWTP Rehab, Replacements & Upgrades	ENV	200	3,905	3,905	-	-	-	-	-
	CURRENT GROWTH									
	ELP Enhancements of Electrical Service (Customer-Driven) 2021 (CY)	ELP	176	2,406	2,406	-	-	-	-	-
	FUTURE GROWTH									
	Area 1: Hazlett Lake - Overflow Drainage Route Rehabilitation	ENG	6	2,806	1,023	1,783	-	-	-	-
	WWTP Phase 5A Project	ENV	193	42,313	4,092	18,874	19,346	-	-	-
Total - Utility/Self Operations				72,334	31,032	21,365	19,937	-	-	-
Total for Top 20 (Current Budget)				176,701	117,241	39,523	19,937	-	-	-
% of Total Budget				81%	74%	30%	17%	0%	0%	0%
Total Budget				219,233	157,466	131,113	115,705	97,578	109,705	616,456
Remaining - Number of projects				80						

NOTE 1: Projects under both Tax and Utility operations

Project	Tax	Utility
2021 Fleet Replacement Vehicles	4%	96%
CP Rail Overpass (Hwy 11A between Taylor Dr & Gaetz Avenue)	75%	25%
Road 6: Taylor Drive / Hwy 11A Intersection	75%	25%

Capital Detail Sheets available in order of Item # (see table of contents)



Item	Department	Category	Project	2021 Approval	2021	2022	2023	2024	2025	2026-2030
1	ELP	IR	ELP Substations & SCADA Multi-Year	2,464	1,355	708	591			
2	ENV	IR	Water Utility Infrastructure - Annual Program	7,540	7,540					
3	ENV	IR	Wastewater Main Infrastructure - Annual Program	3,954	3,954					
4	ENV	IR	Storm Water Infrastructure - Annual Program	8,023	8,023					
5	ENV	IR	WWTP Rehab, Replacements & Upgrades	3,905	3,905					
6	ENV	IR	Civic Yards Flood Berm	4,804	4,804					
7	ENV	IR	Wastewater Treatment Plant Flood Berm Construction	3,945	3,945					
8	ESD	IR	Fire Training Facility	4,468	4,468					
9	INL	IR	Intermediate (Central) School Renovation Completion	4,604	4,604					
10	PPW	IR	Park Land Acquisition 2021	10,100	10,100					
11	PPW	IR	Paved Roadway Network Management	13,788	13,788					
12	SHC	IR	Collicutt Centre Preservation 2021	2,945	2,945					
13	TRN	IR	2021 Fleet Replacement Vehicles	2,812	2,812					
14	ELP	CG	ELP Enhancements of Electrical Service (Customer-Driven) 2021	2,406	2,406					
15	ENG	CG	CP Rail Overpass (Hwy 11A between Taylor Dr & Gestz Avenue)	6,343	6,343					
16	ESD	CG	9-1-1 Emergency Communications Centre	5,782	5,782					
17	SHC	CA	GH Dowe Community Centre Project 2021	35,526	17,367	18,168				
18	ENG	FG	Road 6: Taylor Drive / Hwy 11A Intersection	8,184	8,184					
19	ENG	FG	Area 1: Hazlett Lake - Overflow Drainage Route Rehabilitation	2,886	1,023	1,783				
20	ENV	FG	WWTP Phase 5A Project	42,313	4,092	18,874	19,346			



Top 20 Capital Projects for 2021
City of Red Deer
2021 - 2030 Capital Budget

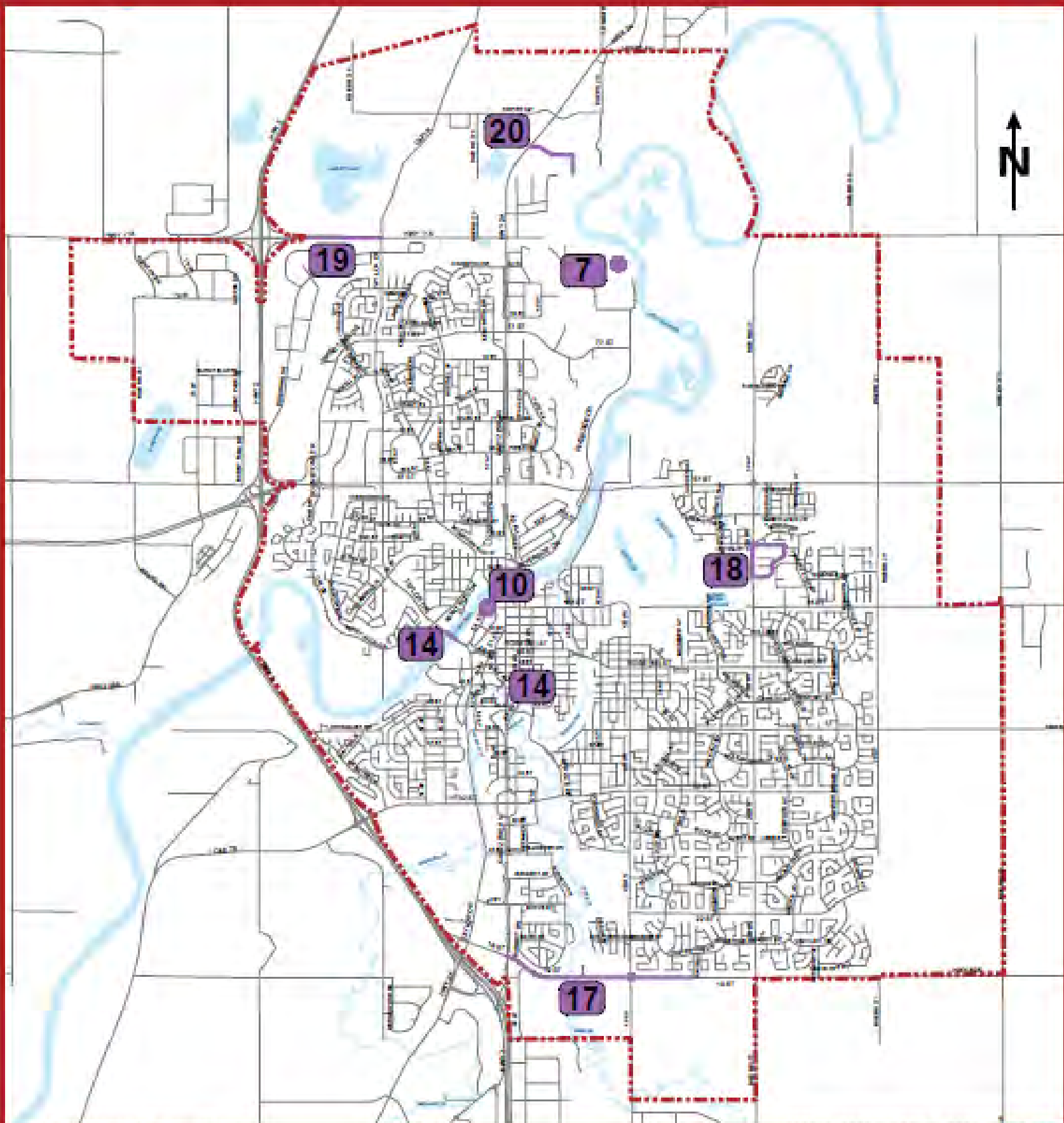
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Top 20 Capital Projects (Budget 2022)
Amounts in thousand of dollars

TAX SUPPORTED OPERATIONS	INFRASTRUCTURE REPLACEMENTS										
	Project	Dept	Item #	2022 APPROVAL	2021	2022	2023	2024	2025	2026-2030	Capital Plan
	2022 Bridge Rehabilitation and Replacement	PPW	78	1,416	-	1,416	618	1,376	7,156	49,205	58,355
	2022 Information Technology Refresh	ITS	166	962	-	962	1,024	1,253	1,335	7,211	10,823
	2022 Paved Roadway Network Management	PPW	73	14,599	-	14,599	14,197	14,682	15,257	81,151	125,287
	Install New Parking Pay Infrastructure	INL	67	2,884	-	2,884	-	-	-	-	-
	Traffic Control Systems Replacement	ENG	7	2,097	-	2,097	2,150	2,201	2,254	9,584	16,189
	CURRENT GROWTH										
	College Park Servicing (Water/Sanitary)	ENG	4	4,719	-	4,719	-	-	-	-	-
	South East Sector Transportation System	ENG	1	22,395	-	15,624	6,771	-	-	-	-
	Total - Tax Operations			49,072	-	42,300	24,760	19,512	26,003	147,151	210,655

UTILITY/SELF SUPPORTED	INFRASTRUCTURE REPLACEMENTS											
	2022 Fleet Replacement Vehicles(Note2)	TRN	75	6,214	-	6,214	7,784	7,146	12,947	37,641	65,519	
	Development Servicing - Annual	ENV	204	1,462	-	1,462	1,527	1,595	1,666	9,528	14,316	
	ELP Infrastructure Replacements & Upgrades 2022 (FC)	ELP	173	2,595	-	2,595	2,902	3,302	3,381	18,198	27,783	
	ELP Overhead & Underground Systems-Annual 2022 (FC)	ELP	177	1,971	-	1,971	1,806	1,849	1,893	10,377	15,925	
	Municipal 3rd Party Capital Work	ENG	9	1,573	-	1,573	1,612	1,651	1,690	9,099	14,053	
	Wastewater Main Infrastructure	ENV	203	1,696	-	1,696	28	20	37	182	267	
	Wastewater Main Infrastructure - Annual Program	ENV	197	4,157	-	4,157	4,322	4,515	4,715	26,970	40,522	
	Water Utility Infrastructure- Annual Program	ENV	194	7,927	-	7,927	10,522	10,990	11,478	65,661	98,652	
	WTP Rehabilitation & Replacement	ENV	207	1,057	-	1,057	844	1,268	194	3,052	5,357	
	WWTP Rehabilitation, Replacement and Upgrades - Annual Program	ENV	202	2,046	-	2,046	1,952	5,388	7,129	45,468	59,938	
CURRENT GROWTH												
ELP Enhancements of Electrical Service (Customer-Driven) 2022 (FC)	ELP	175	2,495	-	2,495	2,587	2,681	2,776	15,503	23,547		
Northland Dr from Hwy 2 to Taylor Dr - 4 lanes	ENG	5	4,089	-	4,089	-	-	-	-	-		
FUTURE GROWTH												
Sanitary Trunk (NE3) - adjacent to Hwy 2A, connecting shared Regional Line to the area (City Snow Site)			ENG	11	1,363							
Total - Utility/Self Operations					38,644	-	38,644	35,886	40,405	47,908	241,680	365,879
Total for Top 20 (Current Budget)					87,716	-	80,944	60,645	59,917	73,910	388,832	576,533
% of Total Budget					90%		89%	64%	62%	68%	63%	63%
Total Cash Flow						157,466	131,113	115,705	97,578	109,705	616,456	911,268
Minus 2021 Approval (Including 2021 Multi Year Projects)						(157,466)	(40,363)	(20,958)	(220)	(225)	-	-
Total Budget					97,521	-	90,750	94,746	97,358	109,480	616,456	911,268
Remaining - Number of projects					44							
NOTE 2: Projects under both Tax and Utility operations												
Project			Tax	Utility								
2022 Fleet Replacement Vehicles			2%	98%								

Capital Detail Sheets available in order of Item # (see table of contents)



Item	Department	Category	Project	2022 Approval	2021	2022	2023	2024	2025	2026-2030
1	ELP	IR	ELP Infrastructure Replacements & Upgrades 2022	2,595		2,595	2,302	3,302	3,381	18,198
2	ELP	IR	ELP Overhead & Underground Systems-Annual 2022	1,971		1,971	1,806	1,849	1,893	10,377
3	ENG	IR	Traffic Control Systems Replacement	2,097		2,097	2,160	2,201	2,254	9,584
4	ENG	IR	Municipal 3rd Party Capital Work	1,573		1,573	1,612	1,651	1,690	8,099
5	ENV	IR	Water Utility Infrastructure- Annual Program	7,927		7,927	10,522	10,990	11,478	65,651
6	ENV	IR	Wastewater Main Infrastructure - Annual Program	4,157		4,157	4,322	4,515	4,715	26,970
7	ENV	IR	WWTP Rehabilitation, Replacement and Upgrades - Annual Program	2,046		2,046	1,952	5,368	7,129	45,468
8	ENV	IR	Wastewater Main Infrastructure	1,696		1,696	28	20	37	182
9	ENV	IR	Development Servicing - Annual	1,462		1,462	1,527	1,595	1,665	9,528
10	ENV	IR	WTP Rehabilitation & Replacement	1,057		1,057	844	1,268	194	3,052
11	INL	IR	Install New Parking Pay Infrastructure	2,894		2,894				
12	ITS	IR	Information Technology Refresh	982		982	1,024	1,253	1,335	7,211
13	PPW	IR	2022 Paved Roadway Network Management	14,599		14,599	14,197	14,682	15,257	81,151
14	PPW	IR	2022 Bridge Rehabilitation and Replacement	1,416		1,416	618	1,376	7,158	49,205
15	TRN	IR	2022 Fleet Replacement Vehicles	6,214		6,214	7,784	7,146	12,947	37,641
16	ELP	CG	ELP Enhancements of Electrical Service (Customer-Driven)	2,495		2,495	2,587	2,681	2,776	15,903
17	ENG	CG	South East Sector Transportation System	22,395		15,624	6,771			
18	ENG	CG	College Park Servicing (Water/Sanitary)	4,719		4,719				
19	ENG	CG	Northland Dr from Hwy 2 to Taylor Dr - 4 lanes	4,089		4,089				
20	ENG	FG	Sanitary Trunk (NE3) - adjacent to Hwy 2A, connecting shared Regional Line to the area (City Snow Site)	1,393		1,393				



Top 20 Capital Projects for 2022
City of Red Deer
2021 - 2030 Capital Budget

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October 15, 2020
Version: 1

Top 20 Capital Projects (Capital Plan)
Amounts in thousand of dollars

TAX SUPPORTED OPERATIONS	INFRASTRUCTURE REPLACEMENTS										
	Project	Dept	Item #	2022 APPROVAL	2021	2022	2023	2024	2025	2026-2030	Capital Plan
	2022 Bridge Rehabilitation and Replacement	PPW	78	1,416	-	1,416	618	1,376	7,156	49,205	58,355
	2022 Facility Management-Civic Yards Leased Buildings & ES	SHC	81	-	-	-	222	158	225	15,371	15,977
	2022 Information Technology Refresh	ITS	166	962	-	962	1,024	1,253	1,335	7,211	10,823
	2022 Paved Roadway Network Management	PPW	73	14,599	-	14,599	14,197	14,682	15,257	81,151	125,287
	Storm Water Infrastructure - Annual Program	ENV	196	-	-	0	4,474	4,763	5,074	30,730	45,041
	Traffic Control Systems Replacement	ENG	7	2,097	-	2,097	2,150	2,201	2,254	9,584	16,189
	CURRENT GROWTH										
	32 St / Taylor Dr Intersection	ENG	40	-	-	-	-	-	454	6,693	7,148
Total - Tax Operations				19,074	-	19,074	22,685	24,434	31,756	199,945	278,820

UTILITY/SELF SUPPORTED	INFRASTRUCTURE REPLACEMENTS										
	2022 Fleet Replacement Vehicles	TRN	75	6,214	-	6,214	7,784	7,146	12,947	37,641	65,519
	Development Servicing - Annual	ENV	204	1,462	-	1,462	1,527	1,595	1,666	9,528	14,316
	ELP Infrastructure Replacements & Upgrades 2022 (FC)	ELP	173	2,595	-	2,595	2,902	3,302	3,381	18,198	27,783
	ELP Overhead & Underground Systems-Annual 2022 (FC)	ELP	177	1,971	-	1,971	1,806	1,849	1,893	10,377	15,925
	ELP Substations & SCADA 2022 (FC)	ELP	187	346	-	346	387	55	56	8,727	9,226
	Fleet Replacement Vehicles (Future Multi-Year 2023+)	TRN	101	-	-	-	2,386	2,433	7,488	38,959	51,266
	Municipal 3rd Party Capital Work	ENG	9	1,573	-	1,573	1,612	1,651	1,690	9,099	14,053
	Wastewater Main Infrastructure - Annual Program	ENV	197	4,157	-	4,157	4,322	4,515	4,715	26,970	40,522
	Water Utility Infrastructure- Annual Program	ENV	194	7,927	-	7,927	10,522	10,990	11,478	65,661	98,652
	WWTP Rehabilitation, Replacement and Upgrades - Annual Program	ENV	202	2,046	-	2,046	1,952	5,388	7,129	45,468	59,938
	CURRENT GROWTH										
	ELP Enhancements of Electrical Service (Customer-Driven) 2022 (FC)	ELP	175	2,495	-	2,495	2,587	2,681	2,776	15,503	23,547
	Section 13 Subdivision Development	LED	71	-	-	-	-	-	-	8,536	8,536
	Waste Management Infrastructure	ENV	208	653	-	653	3,632	638	5,179	13,010	22,459
Total - Utility/Self Operations				31,438	-	31,438	41,419	42,243	60,400	307,678	451,740
Total for Top 20 (Current Budget)				50,513	-	50,513	64,104	66,677	92,156	507,623	730,560
% of Total Budget				52%	0%	39%	55%	68%	84%	82%	80%
Total Budget				97,521	157,466	131,113	115,705	97,578	109,705	616,456	911,268
Remaining - Number of projects											104

Capital Detail Sheets available in order of Item # (see table of contents)

MULTI-YEAR CAPITAL PROJECTS

Project	Dept	Item #	2021 Budget	2022 Budget	FY21	FY22	FY23	FY24	FY25	FY26-30
2021 - CAD Refresh/System Intelligence	ESD	221	876	-	614	262	-	-	-	-
Capital Budget Contingency	CMD	235	200	-	200	-	-	-	-	-
ELP Substations & SCADA Multi-Year -CURRENT PROJECTS	ELP	174	2,654	-	1,355	708	591	-	-	-
GH Dawe Community Centre Project 2021	SHC	102	35,526	-	17,367	18,158	-	-	-	-
Kinex Arena - Preservation 2021	SHC	107	806	-	-	-	806	-	-	-
South East Sector Transportation System	ENG	1	-	22,395	-	15,624	6,771	-	-	-
South Gaetz Avenue Valve Installation	ENV	209	621	-	307	315	-	-	-	-
Water Distribution System Pressure Monitoring	ENV	213	106	-	52	53	-	-	-	-
WMF Security	ENV	206	1,075	-	205	210	215	220	225	-
WWTP Phase 5A Project	ENV	193	42,313	-	4,092	18,874	19,346	-	-	-
Area 1: Hazlett Lake - Overflow Drainage Route Rehabilitation	ENG	6	2,806	-	1,023	1,783	-	-	-	-
Grand Total			86,982	22,395	25,215	55,987	27,730	220	225	-

2021 – 2022 CAPITAL PROJECT DETAIL

INFRASTRUCTURE REPLACEMENT / REHABILITATION PROJECTS

These projects restore, improve or replace a current facility, structure, property or equipment. These are foundational projects that bring current infrastructure back to good condition, restore to a former capacity, put something new in place for something that is worn out or no longer usable, or an improvement that adds value. This layer often relates to the core or basic services we deliver to our community and ensures the proper maintenance of our assets for the long term.

Administration's proposed budget focuses spending in the area of basic infrastructure. Given the current slow economy, maintaining our current assets is not only a responsible approach, it ensures that our fundamental city services are able to be delivered efficiently and effectively.

For the 2021 Capital Budget, Council will be asked to approve \$102.0 million of projects within the Infrastructure Replacement / Rehabilitation category including multi-year projects.

This represents 46% of the overall budget for 2021 and consists of 80 projects.

Item	Amount
2021 Projects included in the Top 20 List (12)	63,242
Remaining 68 Projects	38,732
Total	101,974

For the 2022 Capital Budget, Council will be asked to approve \$60.9 million of projects within the Infrastructure Replacement / Rehabilitation category including multi-year projects.

This represents 62% of the overall budget for 2022 and consists of 53 projects.

Item	Amount
2022 Projects included in the Top 20 List (15)	52,655
Remaining 38 Projects	8,292
Total	60,947

For the 2023 – 2030 Capital Plan, Council will be asked to approve in principle \$782.5million of projects within the Infrastructure Replacement / Rehabilitation category.

This represents 86% of the overall capital plan.

Item	Amount
2023 – 2030 Projects included in the Top 20 List (16)	668,871
Remaining 66 Projects	113,639
Total	782,510

A Capital Budget Detail sheet for each of the projects included in the Top 20 Lists for 2021, 2022 and 2023 – 2030. See table of contents for Capital Detail Sheets presented in item number order.

CURRENT GROWTH

This category includes all projects excluding community amenities that are within the current growth area in the engineering map. Investments in current growth are for projects that will allow the city to provide effective and efficient services to residents. They are typically improvements to existing infrastructure.

For the 2021 Capital Budget, Council will be asked to approve \$18.3 million of projects within the Current Growth category including multi year.

This represents 8% of the overall budget for 2021 and consists of 14 projects.

Item	Amount
2021 Projects included in the Top 20 List (3)	14,531
Remaining 11 Projects	3,798
Total	18,329

For the 2022 Capital Budget, Council will be asked to approve \$35.2 million of projects within the Current Growth category including multi year.

This represents 36% of the overall budget for 2022 and consists of 10 projects.

Item	Amount
2022 Projects included in the Top 20 List (4)	33,698
Remaining 6 Projects	1,513
Total	35,211

For the 2023 – 2030 Capital Plan, Council will be asked to approve in principle \$108 million of projects within the Current Growth category.

This represents 12% of the overall capital plan.

Item	Amount
2023 – 2030 Projects included in the Top 20 List (4)	61,689
Remaining 27 Projects	46,738
Total	108,427

A Capital Budget Detail sheet for each of the projects included in the Top 20 Lists for 2021, 2022 and 2023 – 2030 is attached for information. See table of contents for Capital Detail Sheets presented in item number order.

FUTURE GROWTH

This category includes all projects excluding community amenities that are within the future growth area in the engineering map. Due to slower growth this layer has reduced spending within the budget, however it is important we continue projects that will build the infrastructure needed for future economic development.

For the 2021 Capital Budget, Council will be asked to approve \$53.3 million of projects within the Future Growth category including multi year.

This represents 24% of the overall budget for 2021 and consists of 3 projects.

Item	Amount
2021 Projects included in the Top 20 List (3)	53,302

For the 2022 Capital Budget, Council will be asked to approve \$1.4 million of projects within the Future Growth category including multi year.

This represents 1% of the overall budget for 2022 and consists of 1 project.

Item	Amount
2022 Projects included in the Top 20 List (1)	1,363

For the 2023 – 2030 Capital Plan, Council will be asked to approve in principle \$14.5 million of projects within the Future Growth category.

This represents 2% of the overall capital plan.

Item	Amount
2023 – 2030 Projects included in the Top 20 List (0)	-
Remaining 8 Projects	14,540

A Capital Budget Detail sheet for each of the projects included in the Top 20 Lists for 2021, 2022 and 2023 – 2030 is attached for information. See table of contents for Capital Detail Sheets presented in item number order.

AMENITIES

These are projects that consist of major renovation or new construction of recreation, culture or public spaces.

For the 2021 Capital Budget, Council will be asked to approve \$45.6 million of projects within the Amenities category including multi year.

This represents 21% of the overall budget for 2021 and consists of 2 projects.

Item	Amount
2021 Projects included in the Top 20 List (2)	45,626

For the 2022 Capital Budget, Council will be asked to approve \$0 of projects within the Amenities category including multi year.

This represents 0% of the overall budget for 2022 and consists of no projects.

Item	Amount
2022 Projects included in the Top 20 List (0)	0
Remaining 0 Projects	0
Total	0

For the 2023 – 2030 Capital Plan, Council will be asked to approve in principle \$5.8 million of projects within the Amenities category.

This represents 1% of the overall capital plan.

Item	Amount
2023 – 2030 Projects included in the Top 20 List (0)	0
Remaining 3 Projects	5,791
Total	5,791

A Capital Budget Detail sheet for each of the projects included in the Top 20 Lists for 2021, 2022 and 2023 – 2030 is attached for information See table of contents for Capital Detail Sheets presented in item number order.

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6	Area 1: Hazlett Lake - Overflow Drainage Route	ENG	39
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208	Waste Management Infrastructure	ENV	76
219	9-1-1 Emergency Communications Centre	EMS	77
220	2021 - Fire Training Facility	EMS	78
248	Park Land Acquisition 2021	PPW	79
251	Intermediate (Central) School Renovation	INL	80
252	Civic Yards Flood Berm	ENV	81
253	Wastewater Treatment Plant Flood Berm	ENV	82

2021 Capital Budget Detail

ITEM NUMBER:
1.000

PROJECT NAME: South East Sector Transportation System
DEPARTMENT: Engineering Services Dept

\$ 22,394,941
**Current Year
Budget
Request**

Project Description		
<p>These projects are to support expansion of the east-west transportation system south of 32 Street as a result of growth.</p> <p>Work in 2022/23 is for the 19 Street rebuild from Gaetz Ave to Irwin Ave (includes Piper Creek Culvert replacement by PW's) and 40 Avenue/19 Street intersection improvements.</p> <p>During the 2020 Capital Budget Meeting Council resolution, Council directed Administration to bring preliminary design work to Council for approval before additional design work proceeds; and further, directs Administration to ensure that the preliminary design work considers improvements arising from forthcoming amendments to the Westerner Park Master Plan.</p>		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: Multi Year	New Project: No	Category: CG
Timing Change? Yes	Scope Change: No	Cost Adjustment: No
Cost Confidence Level: 26% - 50%	Proceed without Grant: Yes	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	0	0	0	0	0	0
FY22	15,624	5,000	0	10,624	0	0
FY23	6,771	1,000	0	5,771	0	0
FY24	0	0	0	0	0	0
FY25	0	0	0	0	0	0
FY26	0	0	0	0	0	0
FY27	0	0	0	0	0	0
FY28	0	0	0	0	0	0
FY29	0	0	0	0	0	0
FY30	0	0	0	0	0	0
Subtotal	22,395	6,000	0	16,395	0	0
Previously Approved	0	0	0	0	0	0
Total	22,395	6,000	0	16,395	0	0

2021 Capital Budget Detail

ITEM NUMBER:
2.000

PROJECT NAME: Road 6: Taylor Drive / Hwy 11A Intersection
DEPARTMENT: Engineering Services Dept

\$ 8,184,000
**Current Year
Budget
Request**

Project Description		
The Development Prioritization Study done by Engineering Services in 2014 identified the necessary road network in the growth area north of Hwy 11A. These funds are for Hwy 11A / Taylor Drive intersection improvements.		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: CY Only	New Project: No	Category: FG
Timing Change? No	Scope Change: No	Cost Adjustment: No
Cost Confidence Level: 51% - 95%	Proceed without Grant: N/A	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	8,184	0	0	8,184	0	0
FY22	0	0	0	0	0	0
FY23	0	0	0	0	0	0
FY24	0	0	0	0	0	0
FY25	0	0	0	0	0	0
FY26	0	0	0	0	0	0
FY27	0	0	0	0	0	0
FY28	0	0	0	0	0	0
FY29	0	0	0	0	0	0
FY30	0	0	0	0	0	0
Subtotal	8,184	0	0	8,184	0	0
Previously Approved	0	0	0	0	0	0
Total	8,184	0	0	8,184	0	0

2021 Capital Budget Detail

ITEM NUMBER:
3.000

PROJECT NAME:
DEPARTMENT:

CP Rail Overpass (Hwy 11A between Taylor Dr &
Gaetz Avenue)
Engineering Services Dept

\$ 6,342,600
**Current Year
Budget
Request**

Project Description		
<p>Projects included in this section are needed for the completion of Northland Drive which is planned to span from Gaetz Avenue/ Hwy 11A intersection east to 20 Avenue and south to 19 Street. This work was identified in the North Highway Connector Functional Planning Study accepted by City Council in June 2009 and is recommended to be complete by the time the City reaches a population level of 115000.</p> <ul style="list-style-type: none"> • Construction of Northland Drive's (Hwy 11A's) CP rail overpass between Taylor Drive and Gaetz Ave. Initial construction to include a single bridge structure with design and construction in 2019-2021. 		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: CY Only	New Project: No	Category: CG
Timing Change? No	Scope Change: No	Cost Adjustment: No
Cost Confidence Level: 51% - 95%	Proceed without Grant: N/A	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	6,343	0	0	6,343	0	0
FY22	0	0	0	0	0	0
FY23	0	0	0	0	0	0
FY24	0	0	0	0	0	0
FY25	0	0	0	0	0	0
FY26	0	0	0	0	0	0
FY27	0	0	0	0	0	0
FY28	0	0	0	0	0	0
FY29	0	0	0	0	0	0
FY30	0	0	0	0	0	0
Subtotal	6,343	0	0	6,343	0	0
Previously Approved	0	0	0	0	0	0
Total	6,343	0	0	6,343	0	0

2021 Capital Budget Detail

ITEM NUMBER:
4.000

PROJECT NAME: College Park Servicing (Water/Sanitary)
DEPARTMENT: Engineering Services Dept

\$ 0

**Current Year
Budget
Request**

Project Description		
Projects that are identified to be of a greater benefit to an area of the municipality than to the whole municipality are paid for by a special utility rate imposed to the benefiting property owner(s). Typically the City is required to finance projects upfront and collect costs annually. This project includes design and construction of sanitary water and drainage for the community. Road structure replacement will also be a part of this project for portions of the road. As funding of this will be provided by residents through a utility rate adjustment, the project is dependent on sufficient interest expressed by the neighbourhood.		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: Future Costs	New Project: No	Category: CG
Timing Change? Yes	Scope Change: No	Cost Adjustment: No
Cost Confidence Level: 26% - 50%	Proceed without Grant: N/A	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	0	0	0	0	0	0
FY22	4,719	0	0	4,719	0	0
FY23	0	0	0	0	0	0
FY24	0	0	0	0	0	0
FY25	0	0	0	0	0	0
FY26	0	0	0	0	0	0
FY27	0	0	0	0	0	0
FY28	0	0	0	0	0	0
FY29	0	0	0	0	0	0
FY30	0	0	0	0	0	0
Subtotal	4,719	0	0	4,719	0	0
Previously Approved	0	0	0	0	0	0
Total	4,719	0	0	4,719	0	0

2021 Capital Budget Detail

ITEM NUMBER:
5.000

PROJECT NAME: Northland Dr from Hwy 2 to Taylor Dr - 4 lanes
DEPARTMENT: Engineering Services Dept

\$ 0

**Current Year
Budget
Request**

Project Description		
<p>Projects included in this section are needed for the completion of Northland Drive which is planned to span from Gaetz Avenue/ Hwy 11A intersection east to 20 Avenue and south to 19 Street. This work was identified in the North Highway Connector Functional Planning Study accepted by City Council in June 2009 and is recommended to be complete by the time the City reaches a population level of 115000.</p> <ul style="list-style-type: none"> • Upgrade Northland Drive (Hwy 11A) from east of the QEII Highway to Taylor Drive to a 4-lane cross-section. Design in 2019; construction in 2022. • Anticipate base (e.g. highway twinning) costs funding by AT; City costs for implementing an urban cross-section. 		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: Future Costs	New Project: No	Category: CG
Timing Change? No	Scope Change: No	Cost Adjustment: No
Cost Confidence Level: 51% - 95%	Proceed without Grant: N/A	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	0	0	0	0	0	0
FY22	4,089	0	3,272	818	0	0
FY23	0	0	0	0	0	0
FY24	0	0	0	0	0	0
FY25	0	0	0	0	0	0
FY26	0	0	0	0	0	0
FY27	0	0	0	0	0	0
FY28	0	0	0	0	0	0
FY29	0	0	0	0	0	0
FY30	0	0	0	0	0	0
Subtotal	4,089	0	3,272	818	0	0
Previously Approved	0	0	0	0	0	0
Total	4,089	0	3,272	818	0	0

2021 Capital Budget Detail

ITEM NUMBER:
6.000

PROJECT NAME:
DEPARTMENT:

Area 1: Hazlett Lake - Overflow Drainage Route
Rehabilitation
Engineering Services Dept

\$ 2,805,577
**Current Year
Budget
Request**

Project Description		
Includes the design and regulatory approvals for an overland drainage route and natural area between Hazlett Lake and the Red Deer River. The drainage route will service development within N½ 4, and N½ 3.		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: Multi Year	New Project: No	Category: FG
Timing Change? No	Scope Change: No	Cost Adjustment: No
Cost Confidence Level: 26% - 50%	Proceed without Grant: N/A	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	1,023	0	0	1,023	0	0
FY22	1,783	0	0	1,783	0	0
FY23	0	0	0	0	0	0
FY24	0	0	0	0	0	0
FY25	0	0	0	0	0	0
FY26	0	0	0	0	0	0
FY27	0	0	0	0	0	0
FY28	0	0	0	0	0	0
FY29	0	0	0	0	0	0
FY30	0	0	0	0	0	0
Subtotal	2,806	0	0	2,806	0	0
Previously Approved	0	0	0	0	0	0
Total	2,806	0	0	2,806	0	0

2021 Capital Budget Detail

ITEM NUMBER:
7.000

PROJECT NAME: Traffic Control Systems Replacement
DEPARTMENT: Engineering Services Dept

\$ 0

**Current Year
Budget
Request**

Project Description

To replace the control system and cabinets for the traffic signals throughout The City.

Public Art:

How much of the "Current Year Budget Request" is for Public Art?

0

Additional Information

Funding Request Clarification

Multi Year Project: Future Costs

New Project: No

Category: IR

Timing Change? No

Scope Change: No

Cost Adjustment:
No

Cost Confidence Level: 51% - 95%

Proceed without Grant: Yes

Inflation Category:
Non Residential
and Eng.
Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	0	0	0	0	0	0
FY22	2,097	2,097	0	0	0	0
FY23	2,150	0	0	2,150	0	0
FY24	2,201	0	0	2,201	0	0
FY25	2,254	2,254	0	0	0	0
FY26	2,308	2,308	0	0	0	0
FY27	2,366	0	0	2,366	0	0
FY28	2,425	0	0	2,425	0	0
FY29	2,486	0	0	2,486	0	0
FY30	0	0	0	0	0	0
Subtotal	18,286	6,659	0	11,627	0	0
Previously Approved	0	0	0	0	0	0
Total	18,286	6,659	0	11,627	0	0

2021 Capital Budget Detail

ITEM NUMBER:
9.000

PROJECT NAME: Municipal 3rd Party Capital Work
DEPARTMENT: Engineering Services Dept

\$ 0

**Current Year
Budget
Request**

Project Description		
Municipal Third Party Work is to enable Engineering Services to undertake the construction of City assets that are being paid for through Customer Contributions. Examples of this type of work could include the construction of sidewalks, road improvements or in some cases to bring City services to areas in advance of planned construction.		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: Future Costs	New Project: No	Category: IR
Timing Change? No	Scope Change: No	Cost Adjustment: No
Cost Confidence Level: 96% - 100%	Proceed without Grant: N/A	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	0	0	0	0	0	0
FY22	1,573	0	1,573	0	0	0
FY23	1,612	0	1,612	0	0	0
FY24	1,651	0	1,651	0	0	0
FY25	1,690	0	1,690	0	0	0
FY26	1,731	0	1,731	0	0	0
FY27	1,774	0	1,774	0	0	0
FY28	1,819	0	1,819	0	0	0
FY29	1,864	0	1,864	0	0	0
FY30	1,911	0	1,911	0	0	0
Subtotal	15,625	0	15,625	0	0	0
Previously Approved	0	0	0	0	0	0
Total	15,625	0	15,625	0	0	0

2021 Capital Budget Detail

ITEM NUMBER:
11.000

PROJECT NAME:

DEPARTMENT:

Sanitary Trunk (NE3) - adjacent to Hwy 2A,
connecting shared Regional Line to the area (City
Snow Site)

Engineering Services Dept

\$ 0

**Current Year
Budget
Request**

Project Description		
Includes a sanitary trunk line within NE3 to service the future City snow site, fire training site, and remaining industrial land within NE3.		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: Future Costs	New Project: No	Category: FG
Timing Change? No	Scope Change: No	Cost Adjustment: No
Cost Confidence Level: 26% - 50%	Proceed without Grant: N/A	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	0	0	0	0	0	0
FY22	1,363	0	0	1,363	0	0
FY23	0	0	0	0	0	0
FY24	0	0	0	0	0	0
FY25	0	0	0	0	0	0
FY26	0	0	0	0	0	0
FY27	0	0	0	0	0	0
FY28	0	0	0	0	0	0
FY29	0	0	0	0	0	0
FY30	0	0	0	0	0	0
Subtotal	1,363	0	0	1,363	0	0
Previously Approved	0	0	0	0	0	0
Total	1,363	0	0	1,363	0	0

2021 Capital Budget Detail

ITEM NUMBER:
40.000

\$ 0

PROJECT NAME: 32 St / Taylor Dr Intersection
DEPARTMENT: Engineering Services Dept

**Current Year
Budget
Request**

Project Description

Modifications to 32 Street & Taylor Drive to increase capacity at the intersection and improve safety for all road users. Construction in 2026.

Public Art: How much of the "Current Year Budget Request" is for Public Art?

0

Additional Information

Funding Request Clarification	
1	What is the purpose of the funding request?
2	What are the specific goals and objectives of the project?
3	What is the timeline for the project?
4	What are the budgetary requirements?
5	What are the risks associated with the project?
6	What are the expected outcomes and impact of the project?
7	What are the roles and responsibilities of the project team?
8	What are the key stakeholders and their interests?
9	What are the potential challenges and how will they be addressed?
10	What are the next steps and when will the funding request be reviewed?

Multi Year Project: Future Costs

New Project:	No
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Category: CG

Timing Change? No

Scope Change: No

Cost Adjustment:	No
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Cost Confidence Level: 26% - 50%

Proceed without Grant: N/A

Inflation Category: Non Residential and Eng. Construction
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Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	0	0	0	0	0	0
FY22	0	0	0	0	0	0
FY23	0	0	0	0	0	0
FY24	0	0	0	0	0	0
FY25	454	0	0	454	0	0
FY26	6,693	0	0	6,693	0	0
FY27	0	0	0	0	0	0
FY28	0	0	0	0	0	0
FY29	0	0	0	0	0	0
FY30	0	0	0	0	0	0
Subtotal	7,148	0	0	7,148	0	0
Previously Approved	0	0	0	0	0	0
Total	7,148	0	0	7,148	0	0

2021 Capital Budget Detail

ITEM NUMBER:
67.000

PROJECT NAME: Install New Parking Pay Infrastructure
DEPARTMENT: Insp. & Licensing Dept

\$ 0

**Current Year
Budget
Request**

Project Description

This request includes new parking infrastructure for 2022. It includes replacement of all on-street meters and parking lot pay & display machines with new modern pay technology. The existing equipment is well past its useful life and parts are becoming scarce to locate. In addition, recommendations within the Downtown Investment Attraction Plan identified the need for The City to upgrade it's equipment, due to high operating costs and user convenience being low, as well as the inability to pull consistent data out of the current system.

Public Art:

How much of the "Current Year Budget Request" is for Public Art?

0

Additional Information

Funding Request Clarification

Multi Year Project: CY Only

New Project: No

Category: IR

Timing Change? No

Scope Change: No

Cost Adjustment:
No

Cost Confidence Level: 51% - 95%

Proceed without Grant: Yes

Inflation Category:
Non Residential
and Eng.
Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	0	0	0	0	0	0
FY22	2,884	2,884	0	0	0	0
FY23	0	0	0	0	0	0
FY24	0	0	0	0	0	0
FY25	0	0	0	0	0	0
FY26	0	0	0	0	0	0
FY27	0	0	0	0	0	0
FY28	0	0	0	0	0	0
FY29	0	0	0	0	0	0
FY30	0	0	0	0	0	0
Subtotal	2,884	2,884	0	0	0	0
Previously Approved	0	0	0	0	0	0
Total	2,884	2,884	0	0	0	0

2021 Capital Budget Detail

ITEM NUMBER:
71.000

PROJECT NAME: Section 13 Subdivision Development
DEPARTMENT: Land & Economic Dev. Dept

\$ 0

**Current Year
Budget
Request**

Project Description		
Section 13 subdivision development funded by Land bank.		
To proceed with the development of residential and commercial lands for Section 13. This is a multi- phased land development project for land sales that will occur over a number of years.		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: Future Costs	New Project: No	Category: CG
Timing Change? Yes	Scope Change: No	Cost Adjustment: No
Cost Confidence Level: 0% - 25%	Proceed without Grant: N/A	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	0	0	0	0	0	0
FY22	0	0	0	0	0	0
FY23	0	0	0	0	0	0
FY24	0	0	0	0	0	0
FY25	0	0	0	0	0	0
FY26	0	0	0	0	0	0
FY27	0	0	0	0	0	0
FY28	0	0	0	0	0	0
FY29	1,848	0	0	0	1,848	0
FY30	6,688	0	0	0	6,688	0
Subtotal	8,536	0	0	0	8,536	0
Previously Approved	0	0	0	0	0	0
Total	8,536	0	0	0	8,536	0

2021 Capital Budget Detail

ITEM NUMBER:
73.000

PROJECT NAME: 2022 Paved Roadway Network Management
DEPARTMENT: Parks & Public Works Dept

\$ 0

**Current Year
Budget
Request**

Project Description		
<p>A paved roadway network should be managed proactively and holistically. It encompasses various treatments at different stages to maximize the asset's service life. Annually, the roadway network conditions are assessed, and Parks & Public Works develops programs to keep roadways in good shape for the users' safety and convenience. A successful pavement management program includes Preventative Road Maintenance, mid-lifecycle repaving (rehabilitation), and end-of-service-life reconstruction. As the Pavement Rehabilitation (crown paving) and Roadway Reconstruction (Roads in Need) programs are heavily integrated throughout the assessment, planning, and project delivery phases, they have been combined under this single budget request since 2020.</p> <p>Roadway condition is defined as a Pavement Quality Index (PQI). A PQI of 100 is the highest ranking, and a score below 30 indicates the need for full road reconstruction. Rehabilitation work is triggered when PQIs drop below 45 for locals, 50 for collectors and 55 for arterials and Primary Highway Connector roadways. Roadway segments with PQI below repair thresholds populate the backlog inventory. A 10 to 25% backlog inventory is considered manageable and operationally efficient.</p> <p>The 2020 network assessment reports an average PQI score of 56 and a backlog inventory of 32%.</p> <p>Three maintenance strategies, which impact the PQI rating and backlog inventory in 10 years, have been developed.</p> <p>1: Reduce Backlog from 32% to 25% in 10 years (improve roads) - Will cost \$187M over the 10 years and increase PQI from 56 to 64</p> <p>2: Maintain PQI at 56 over the next 10 years (hold the line) - Will cost \$134M over the 10 years and increase a backlog from 32% to 37%</p> <p>3: Cap budget at \$110M over 10 years (degrade roads) - Will decrease a PQI from 56 to 53 and increase a backlog from 32% to 46%</p> <p>Parks & Public Works recommends scenario 2 to maintain the PQI at 56 with a slight increase in backlog of 5% from 32% to 37%, at a 10-year cost of \$134M.</p>		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: Future Costs	New Project: No	Category: IR
Timing Change? No	Scope Change: No	Cost Adjustment: No
Cost Confidence Level: 96% - 100%	Proceed without Grant: Yes	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	0	0	0	0	0	0
FY22	14,599	13,139	0	1,460	0	0
FY23	14,197	12,777	0	1,420	0	0
FY24	14,682	13,214	0	1,468	0	0
FY25	15,257	11,532	0	3,726	0	0
FY26	15,393	13,853	0	1,539	0	0

2021 Capital Budget Detail

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY27	15,777	14,200	0	1,578	0	0
FY28	16,414	14,773	0	1,641	0	0
FY29	16,576	14,919	0	1,658	0	0
FY30	16,991	15,292	0	1,699	0	0
Subtotal	139,887	123,698	0	16,189	0	0
Previously Approved	0	0	0	0	0	0
Total	139,887	123,698	0	16,189	0	0

2021 Capital Budget Detail

ITEM NUMBER:
74.000

PROJECT NAME: 2021 Paved Roadway Network Management
DEPARTMENT: Parks & Public Works Dept

\$ 13,787,994
**Current Year
Budget
Request**

Project Description		
<p>A paved roadway network should be managed proactively and holistically. It encompasses various treatments at different stages to maximize the asset's service life. Annually, the roadway network conditions are assessed, and Parks & Public Works develops programs to keep roadways in good shape for the users' safety and convenience. A successful pavement management program includes Preventative Road Maintenance, mid-lifecycle repaving (rehabilitation), and end-of-service-life reconstruction. As the Pavement Rehabilitation (crown paving) and Roadway Reconstruction (Roads in Need) programs are heavily integrated throughout the assessment, planning, and project delivery phases, they have been combined under this single budget request since 2020.</p> <p>Roadway condition is defined as a Pavement Quality Index (PQI). A PQI of 100 is the highest ranking, and a score below 30 indicates the need for full road reconstruction. Rehabilitation work is triggered when PQIs drop below 45 for locals, 50 for collectors and 55 for arterials and Primary Highway Connector roadways. Roadway segments with PQI below repair thresholds populate the backlog inventory. A 10 to 25% backlog inventory is considered manageable and operationally efficient.</p> <p>The 2020 network assessment reports an average PQI score of 56 and a backlog inventory of 32%.</p> <p>Three maintenance strategies, which impact the PQI rating and backlog inventory in 10 years, have been developed.</p> <p>1: Reduce Backlog from 32% to 25% in 10 years (improve roads) - Will cost \$187M over the 10 years and increase PQI from 56 to 64</p> <p>2: Maintain PQI at 56 over the next 10 years (hold the line) - Will cost \$134M over the 10 years and increase a backlog from 32% to 37%</p> <p>3: Cap budget at \$110M over 10 years (degrade roads) - Will decrease a PQI from 56 to 53 and increase a backlog from 32% to 46%</p> <p>Parks & Public Works recommends scenario 2 to maintain the PQI at 56 with a slight increase in backlog of 5% from 32% to 37%, at a 10-year cost of \$134M.</p>		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: CY Only	New Project: No	Category: IR
Timing Change? No	Scope Change: No	Cost Adjustment: No
Cost Confidence Level: 96% - 100%	Proceed without Grant: Yes	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	13,788	13,788	0	0	0	0
FY22	0	0	0	0	0	0
FY23	0	0	0	0	0	0
FY24	0	0	0	0	0	0
FY25	0	0	0	0	0	0
FY26	0	0	0	0	0	0

2021 Capital Budget Detail

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY27	0	0	0	0	0	0
FY28	0	0	0	0	0	0
FY29	0	0	0	0	0	0
FY30	0	0	0	0	0	0
Subtotal	13,788	13,788	0	0	0	0
Previously Approved	0	0	0	0	0	0
Total	13,788	13,788	0	0	0	0

2021 Capital Budget Detail

ITEM NUMBER:
75.000

PROJECT NAME: 2022 Fleet Replacement Vehicles
DEPARTMENT: Transit & Fleet Dept

\$ 0

**Current Year
Budget
Request**

Project Description

This project funds the replacement of existing fleet vehicles at the end of their life cycle. This request also includes \$35,000 additional funds required for supplemental right typing in order to support Roads to gain operational efficiencies.

Public Art:

How much of the "Current Year Budget Request" is for Public Art?

0

Additional Information

Funding Request Clarification

Multi Year Project: Future Costs

New Project: No

Category: IR

Timing Change? Yes

Scope Change: Yes

Cost Adjustment:
No

Cost Confidence Level: 51% - 95%

Proceed without Grant: Yes

Inflation Category:
Fleet Projects

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	0	0	0	0	0	0
FY22	6,214	0	0	0	6,214	0
FY23	7,784	0	0	0	7,784	0
FY24	7,146	0	0	0	7,146	0
FY25	12,947	0	0	0	12,947	0
FY26	6,423	0	0	0	6,423	0
FY27	6,023	0	0	0	6,023	0
FY28	5,251	0	0	0	5,251	0
FY29	7,771	0	0	0	7,771	0
FY30	12,173	0	0	0	12,173	0
Subtotal	71,732	0	0	0	71,732	0
Previously Approved	0	0	0	0	0	0
Total	71,732	0	0	0	71,732	0

2021 Capital Budget Detail

ITEM NUMBER:
77.000

PROJECT NAME: 2021 Fleet Replacement Vehicles
DEPARTMENT: Transit & Fleet Dept

\$ 2,811,900
**Current Year
Budget
Request**

Project Description		
This capital request reflects fleet units that have reached the end of their lifecycle and need to be replaced to provide reliable service. Fleet units vary in their useful life based on the type of the fleet unit and its utilization profile. Fleet vehicles life cycles can range from 5 and 30 years with the majority reaching end of life around year 10. Regardless of age Fleet Services conducts an in depth assessment of all fleet unit using various factors such as its condition repair history usage and predicted likelihood to remain service ready as part of its fleet replacement practices. Fleet units will only be replaced if deemed unsafe to operate or it is more costly to maintain through repairs versus outright replacement. Funding for this capital request is through the General Fleet Replacement Reserve. Fleet Services collects depreciation over the service life of the fleet units and manages these funds to ensure that adequate funds are available to replace the unit at the end of the unit's service life.		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: CY Only	New Project: No	Category: IR
Timing Change? Yes	Scope Change: Yes	Cost Adjustment: Yes
Cost Confidence Level: 96% - 100%	Proceed without Grant: N/A	Inflation Category: Fleet Projects

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	2,812	0	0	0	2,812	0
FY22	0	0	0	0	0	0
FY23	0	0	0	0	0	0
FY24	0	0	0	0	0	0
FY25	0	0	0	0	0	0
FY26	0	0	0	0	0	0
FY27	0	0	0	0	0	0
FY28	0	0	0	0	0	0
FY29	0	0	0	0	0	0
FY30	0	0	0	0	0	0
Subtotal	2,812	0	0	0	2,812	0
Previously Approved	0	0	0	0	0	0
Total	2,812	0	0	0	2,812	0

2021 Capital Budget Detail

ITEM NUMBER:
78.000

PROJECT NAME: 2022 Bridge Rehabilitation and Replacement
DEPARTMENT: Parks & Public Works Dept

\$ 0

**Current Year
Budget
Request**

Project Description		
Funding for Capital Bridge Maintenance supports those major bridge rehabilitation and replacement projects that are beyond the scope of budgetary constraints of operational maintenance activities. The following projects are proposed for 2022.		
Structure 6 (Gaetz Avenue over Waskasoo Creek Concrete Arch culvert) - this structure was constructed in 1912, has exceeded its design life and will be replaced in 2025. Engineering costs are spread over 2022 and 2023 to allow for utility relocations and land purchase in 2024 ahead of bridge construction.		
Structure 24 (Taylor Drive Northbound over the Red Deer River) - a proposed full-depth removal and replacement of the asphalt and waterproofing as well as minor maintenance work including concrete repairs and sealers in 2022.		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	11,000
Additional Information	Funding Request Clarification	
Multi Year Project: Future Costs	New Project: No	Category: IR
Timing Change? No	Scope Change: No	Cost Adjustment: No
Cost Confidence Level: 51% - 95%	Proceed without Grant: Yes	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	0	0	0	0	0	0
FY22	1,416	1,416	0	0	0	0
FY23	618	618	0	0	0	0
FY24	1,376	1,376	0	0	0	0
FY25	7,156	7,156	0	0	0	0
FY26	1,991	1,991	0	0	0	0
FY27	8,576	8,576	0	0	0	0
FY28	18,611	14,111	0	4,500	0	0
FY29	6,307	0	0	6,307	0	0
FY30	13,719	13,719	0	0	0	0
Subtotal	59,770	48,963	0	10,807	0	0
Previously Approved	0	0	0	0	0	0
Total	59,770	48,963	0	10,807	0	0

2021 Capital Budget Detail

ITEM NUMBER:
81.000

PROJECT NAME:
DEPARTMENT:

2022 Facility Management-Civic Yards Leased
Buildings & ES
Safe & Healthy Communities Dept

\$ 0

**Current Year
Budget
Request**

Project Description		
The City has a preventative maintenance program to ensure buildings are maintained and safe. This annual program provides funds to fix building items that break or wear out at the Civic Yards. Door openers air exchangers gas detectors air quality testers and control systems are examples of building items that need to be periodically replaced to maintain operational functionality.		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: Future Costs	New Project: No	Category: IR
Timing Change? Yes	Scope Change: No	Cost Adjustment: No
Cost Confidence Level: 96% - 100%	Proceed without Grant: N/A	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	0	0	0	0	0	0
FY22	0	0	0	0	0	0
FY23	222	0	0	0	222	0
FY24	158	0	0	0	158	0
FY25	225	0	0	0	225	0
FY26	231	0	0	0	231	0
FY27	237	0	0	0	237	0
FY28	484	0	0	0	484	0
FY29	534	0	0	0	534	0
FY30	13,885	0	0	13,885	0	0
Subtotal	15,977	0	0	13,885	2,092	0
Previously Approved	0	0	0	0	0	0
Total	15,977	0	0	13,885	2,092	0

2021 Capital Budget Detail

ITEM NUMBER:
101.000

PROJECT NAME:
DEPARTMENT:

Fleet Replacement Vehicles (Future Multi-Year
2023+)
Transit & Fleet Dept

\$ 0

**Current Year
Budget
Request**

Project Description		
This capital request reflects fleet units that have reached the end of their lifecycle and need to be replaced to provide reliable service. Fleet units vary in their useful life based on the type of the fleet unit and its utilization profile. Fleet vehicles life cycles can range from 5 and 30 years, with the majority reaching end of life around year 10. Regardless of age, Fleet Services conducts an in depth assessment of all fleet unit using various factors, such as its condition, repair history, usage, and predicted likelihood to remain service ready as part of its fleet replacement practices. Fleet units will only be replaced if deemed unsafe to operate or it is more costly to maintain through repairs versus outright replacement. Funding for this capital request is through the General Fleet Replacement Reserve. Fleet Services collects depreciation over the service life of the fleet units and manages these funds to ensure that adequate funds are available to replace the unit at the end of the unit's service life.		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: Future Costs	New Project: No	Category: IR
Timing Change? No	Scope Change: No	Cost Adjustment: No
Cost Confidence Level: 96% - 100%	Proceed without Grant: N/A	Inflation Category: Fleet Projects

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	0	0	0	0	0	0
FY22	0	0	0	0	0	0
FY23	2,386	0	0	0	2,386	0
FY24	2,433	0	0	0	2,433	0
FY25	7,488	0	0	0	7,488	0
FY26	2,515	0	0	0	2,515	0
FY27	2,647	0	0	0	2,647	0
FY28	23,848	0	0	0	23,848	0
FY29	2,709	0	0	0	2,709	0
FY30	7,241	0	0	0	7,241	0
Subtotal	51,266	0	0	0	51,266	0
Previously Approved	0	0	0	0	0	0
Total	51,266	0	0	0	51,266	0

2021 Capital Budget Detail

ITEM NUMBER:
102.000

PROJECT NAME: GH Dawe Community Center Project 2021
DEPARTMENT: Safe & Healthy Communities Dept

\$ 35,525,645
**Current Year
Budget
Request**

Project Description		
<p>With the 2018 Facility Condition Assessment finding that the Kinex Arena was nearing the end of its useful life, the G.H. Dawe Community Centre project was prioritized in the capital plan in an effort to first ensure we maintain the number of ice surfaces available to our community. In 2018, Council resolved to apply for grant funding under the Investing in Canada Infrastructure Program - Community Culture & Recreation stream for this project, and has received approval for \$15,391,232 from the federal government, and \$12,824,744 from the Provincial government via current MSI funding allotments.</p> <p>The proposed project includes: retrofitting the existing ice surface to meet NHL standards, replacement of the Kinex Ice surface by twinning arena, various repurposing/renovations to the building and site such as street access off of 67 Street and north side parking and entrance to the building, repurposing existing spaces to allow for a much needed accessible change room with lift at the pool, (resulting in relocation of fitness opportunities) and an free amenity in the Northeast quadrant with the additional of an outdoor spray park.</p> <p>In 2023 there will be a net operating impact of \$674,764 (BRO-500021) as a result of increased square footage as dictated by code compliance, parking lot, spray feature and other renovations listed above .</p>		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	246,000
Additional Information	Funding Request Clarification	
Multi Year Project: Multi Year	New Project: No	Category: CA
Timing Change? No	Scope Change: No	Cost Adjustment: Yes
Cost Confidence Level: 51% - 95%	Proceed without Grant: No	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	17,367	13,668	0	3,699	0	0
FY22	18,158	14,291	0	3,867	0	0
FY23	0	0	0	0	0	0
FY24	0	0	0	0	0	0
FY25	0	0	0	0	0	0
FY26	0	0	0	0	0	0
FY27	0	0	0	0	0	0
FY28	0	0	0	0	0	0
FY29	0	0	0	0	0	0
FY30	0	0	0	0	0	0
FY31	0	0	0	0	0	0
Subtotal	35,526	27,959	0	7,566	0	0
Previously Approved	7,739	0	0	7,739	0	0
Total	43,265	27,959	0	15,306	0	0

2021 Capital Budget Detail

ITEM NUMBER:
108.000

PROJECT NAME: Collicutt Centre Preservation 2021
DEPARTMENT: Safe & Healthy Communities Dept

\$ 2,945,217
**Current Year
Budget
Request**

Project Description		
<p>This capital budget request represents the assets scheduled for replacement or major repair as per the departments 10 Year Infrastructure and Maintenance Plan. Roof remediation for the fieldhouse in 2021 is a high priority following inspections in 2019.</p> <p>This capital project was reviewed and accepted by Alberta Transportation to include in the \$38,539,640 allocated to Red Deer under to the new COVID-19 Resilience Stream grant. A formal submission for review and approval by the federal government is in the final process for receipt of grant funding.</p>		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: CY Only	New Project: No	Category: IR
Timing Change? Yes	Scope Change: No	Cost Adjustment: Yes
Cost Confidence Level: 51% - 95%	Proceed without Grant: Yes	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	2,945	2,356	0	0	589	0
FY22	0	0	0	0	0	0
FY23	0	0	0	0	0	0
FY24	0	0	0	0	0	0
FY25	0	0	0	0	0	0
FY26	0	0	0	0	0	0
FY27	0	0	0	0	0	0
FY28	0	0	0	0	0	0
FY29	0	0	0	0	0	0
FY30	0	0	0	0	0	0
Subtotal	2,945	2,356	0	0	589	0
Previously Approved	0	0	0	0	0	0
Total	2,945	2,356	0	0	589	0

2021 Capital Budget Detail

ITEM NUMBER:
166.000

PROJECT NAME: 2022 Information Technology Refresh
DEPARTMENT: Information & Technology Services Dept

\$ 0

**Current Year
Budget
Request**

Project Description		
This project provides for the ongoing upgrades and replacements of technology in the areas of desktops, printer, tablets, servers, phone systems, network equipment and audio visual equipment. There is also an amount for software / system improvements to be used for innovative enhancements on information technology and systems.		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: CY Only	New Project: No	Category: IR
Timing Change? No	Scope Change: No	Cost Adjustment: No
Cost Confidence Level: 51% - 95%	Proceed without Grant: N/A	Inflation Category: Information Technology Projects

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	0	0	0	0	0	0
FY22	962	0	0	0	227	736
FY23	1,024	0	0	0	247	777
FY24	1,253	0	0	0	433	820
FY25	1,335	0	0	0	457	878
FY26	1,223	0	0	0	285	938
FY27	1,299	0	0	0	296	1,003
FY28	1,352	0	0	0	309	1,043
FY29	1,635	0	0	0	535	1,099
FY30	1,702	0	0	0	557	1,145
FY31	0	0	0	0	0	0
Subtotal	11,786	0	0	0	3,347	8,438
Previously Approved	0	0	0	0	0	0
Total	11,786	0	0	0	3,347	8,438

2021 Capital Budget Detail

ITEM NUMBER:
173.000

PROJECT NAME: DEPARTMENT:	ELP Infrastructure Replacements & Upgrades 2022 (FC) E.L. & P. Utility Dept	\$ 0
		Current Year Budget Request

Project Description		
Planned infrastructure upgrades and replacement of old overhead and underground cables and transformers in areas around Red Deer. Roughly 30% of The City's installed distribution system is 40 years old or more. This equates to an estimated 50 year (+/-) backlog to rebuild and upgrade this infrastructure to accommodate all of what will be asked of it as we incorporate local generation, renewables, and the anticipated demand for charging capacity for increased use of electric vehicles. Scheduling of infrastructure for replacement is determined by evaluation of age, reported outages, service call volume and overall assessment of risks to system reliability. The department continues to review capacity and demand for these projects and is taking a somewhat conservative approach. We will still maintain alignment with other priorities while balancing system upgrade needs with economic considerations.		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: Future Costs	New Project: No	Category: IR
Timing Change? No	Scope Change: Yes	Cost Adjustment: Yes
Cost Confidence Level: 51% - 95%	Proceed without Grant: N/A	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	0	0	0	0	0	0
FY22	2,595	0	0	0	2,595	0
FY23	2,902	0	0	0	2,902	0
FY24	3,302	0	0	0	3,302	0
FY25	3,381	0	0	0	3,381	0
FY26	3,462	0	0	0	3,462	0
FY27	3,549	0	0	0	3,549	0
FY28	3,637	0	0	0	3,637	0
FY29	3,728	0	0	0	3,728	0
FY30	3,822	0	0	0	3,822	0
Subtotal	30,378	0	0	0	30,378	0
Previously Approved	0	0	0	0	0	0
Total	30,378	0	0	0	30,378	0

2021 Capital Budget Detail

ITEM NUMBER:
174.000

PROJECT NAME:
DEPARTMENT:

ELP Substations & SCADA Multi-Year -CURRENT
PROJECTS
E.L. & P. Utility Dept

\$ 2,654,407
**Current Year
Budget
Request**

Project Description		
The City owns and operates 4 transmission substations that connect Red Deer to the Alberta power grid. These assets are considered part of the Provincial transmission system and are under the regulatory jurisdiction of the Alberta Utilities Commission (AUC) and must follow rules and regulations established by the Alberta Electric System Operator (AESO). Virtually all transmission projects are subject to AESO and AUC approval and regulatory filing requirements. Costs related to transmission system assets receive revenue from all provincial customers. The City also owns and operates 11 distribution substations that are funded through our distribution rates for which Council is the Regulatory body. Multi-Year Projects: Replacement of major equipment and systems. Over the next 10 years, 6 of Red Deer's 7 power transformers will be replaced to ensure the ongoing safe and reliable connection of Red Deer to the Provincial Grid. Depending on development and growth, an 8th power transformer may need to be added to increase system capacity. The SCADA system that allows visibility and control of our substations and system devices will also be replaced over the next two years.		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: Multi Year	New Project: No	Category: IR
Timing Change? Yes	Scope Change: Yes	Cost Adjustment: Yes
Cost Confidence Level: 51% - 95%	Proceed without Grant: N/A	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	1,355	0	0	0	1,355	0
FY22	708	0	0	0	708	0
FY23	591	0	0	0	591	0
FY24	0	0	0	0	0	0
FY25	0	0	0	0	0	0
FY26	0	0	0	0	0	0
FY27	0	0	0	0	0	0
FY28	0	0	0	0	0	0
FY29	0	0	0	0	0	0
FY30	0	0	0	0	0	0
Subtotal	2,654	0	0	0	2,654	0
Previously Approved	0	0	0	0	0	0
Total	2,654	0	0	0	2,654	0

2021 Capital Budget Detail

ITEM NUMBER:
175.000

PROJECT NAME:
DEPARTMENT:

ELP Enhancements of Electrical Service (Customer-Driven) 2022 (FC)
E.L. & P. Utility Dept

\$ 0

**Current Year
Budget
Request**

Project Description		
Customer Servicing projects include, but are not limited to, residential subdivision development, downtown customer servicing, conversion from overhead to underground at customer's request and commercial customer expansion projects. EL&P investment policy is such that customers generally pay 100% of costs except in certain circumstances. Expenditure is entirely dependent on economy and customer demands, and therefore can fluctuate from year to year. The budgeted amount represents the flow through cost which provides the ability to meet customers' needs.		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: Future Costs	New Project: No	Category: CG
Timing Change? No	Scope Change: No	Cost Adjustment: Yes
Cost Confidence Level: 51% - 95%	Proceed without Grant: N/A	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	0	0	0	0	0	0
FY22	2,495	0	2,495	0	0	0
FY23	2,587	0	2,587	0	0	0
FY24	2,681	0	2,681	0	0	0
FY25	2,776	0	2,776	0	0	0
FY26	2,876	0	2,876	0	0	0
FY27	2,986	0	2,986	0	0	0
FY28	3,097	0	3,097	0	0	0
FY29	3,213	0	3,213	0	0	0
FY30	3,332	0	3,332	0	0	0
Subtotal	26,042	0	26,042	0	0	0
Previously Approved	0	0	0	0	0	0
Total	26,042	0	26,042	0	0	0

2021 Capital Budget Detail

ITEM NUMBER:
176.000

PROJECT NAME:
DEPARTMENT:

ELP Enhancements of Electrical Service (Customer-Driven) 2021 (CY)
E.L.& P. Utility Dept

\$ 2,406,097
**Current Year
Budget
Request**

Project Description		
Customer Servicing projects include, but are not limited to, residential subdivision development, downtown customer servicing, conversion from overhead to underground at customer's request and commercial customer expansion projects. EL&P investment policy is such that customers generally pay 100% of costs except in certain circumstances. Expenditure is entirely dependent on economy and customer demands, and therefore can fluctuate from year to year. The budgeted amount represents the flow through cost which provides the ability to meet customers' needs.		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: CY Only	New Project: No	Category: CG
Timing Change? No	Scope Change: No	Cost Adjustment: Yes
Cost Confidence Level: 51% - 95%	Proceed without Grant: N/A	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	2,406	0	2,406	0	0	0
FY22	0	0	0	0	0	0
FY23	0	0	0	0	0	0
FY24	0	0	0	0	0	0
FY25	0	0	0	0	0	0
FY26	0	0	0	0	0	0
FY27	0	0	0	0	0	0
FY28	0	0	0	0	0	0
FY29	0	0	0	0	0	0
FY30	0	0	0	0	0	0
Subtotal	2,406	0	2,406	0	0	0
Previously Approved	0	0	0	0	0	0
Total	2,406	0	2,406	0	0	0

2021 Capital Budget Detail

ITEM NUMBER:
177.000

PROJECT NAME:
DEPARTMENT:

ELP Overhead & Underground Systems-Annual
2022 (FC)
E.L. & P. Utility Dept

\$ 0

**Current Year
Budget
Request**

Project Description

This project maintains system reliability by replacing old infrastructure to prevent (or in response to) failure as part of customer upgrades or to update technology. These are generally unplanned projects that occur throughout the year as a result of other projects system portion of customer jobs or emergency repairs of various types.

Public Art:

How much of the "Current Year Budget Request" is for Public Art?

0

Additional Information

Funding Request Clarification

Multi Year Project: Future Costs

New Project: No

Category: IR

Timing Change? No

Scope Change: No

Cost Adjustment:
Yes

Cost Confidence Level: 51% - 95%

Proceed without Grant: N/A

Inflation Category:
Non Residential
and Eng.
Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	0	0	0	0	0	0
FY22	1,971	0	0	0	1,971	0
FY23	1,806	0	0	0	1,806	0
FY24	1,849	0	0	0	1,849	0
FY25	1,893	0	0	0	1,893	0
FY26	1,939	0	0	0	1,939	0
FY27	1,987	0	0	0	1,987	0
FY28	2,098	0	0	0	2,098	0
FY29	2,150	0	0	0	2,150	0
FY30	2,204	0	0	0	2,204	0
Subtotal	17,897	0	0	0	17,897	0
Previously Approved	0	0	0	0	0	0
Total	17,897	0	0	0	17,897	0

2021 Capital Budget Detail

ITEM NUMBER:
187.000

PROJECT NAME: ELP Substations & SCADA 2022 (FC)
DEPARTMENT: E.L. & P. Utility Dept

\$ 0

**Current Year
Budget
Request**

Project Description		
The City owns and operates 4 transmission substations that connect Red Deer to the Alberta power grid. These assets are considered part of the Provincial transmission system and are under the regulatory jurisdiction of the Alberta Utilities Commission (AUC) and must follow rules and regulations established by the Alberta Electric System Operator (AESO). Virtually all transmission projects are subject to AESO and AUC approval and regulatory filing requirements. Costs related to transmission system assets receive revenue from all provincial customers. The City also owns and operates 11 distribution substations that are funded through our distribution rates for which Council is the Regulatory body. Upgrades and replacements for both distribution and transmission substations and their associated systems, devices and property. These projects include additions, modifications or upgrades to protection and control equipment, buildings, fencing and other related items that do not require multi-year funding.		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: Future Costs	New Project: No	Category: IR
Timing Change? Yes	Scope Change: Yes	Cost Adjustment: Yes
Cost Confidence Level: 51% - 95%	Proceed without Grant: N/A	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	0	0	0	0	0	0
FY22	346	0	0	0	346	0
FY23	387	0	0	0	387	0
FY24	55	0	0	0	55	0
FY25	56	0	0	0	56	0
FY26	1,789	0	0	0	1,789	0
FY27	1,833	0	0	0	1,833	0
FY28	3,092	0	0	0	3,092	0
FY29	994	0	0	0	994	0
FY30	1,019	0	0	0	1,019	0
Subtotal	9,572	0	0	0	9,572	0
Previously Approved	0	0	0	0	0	0
Total	9,572	0	0	0	9,572	0

2021 Capital Budget Detail

ITEM NUMBER:
193.000

PROJECT NAME: WWTP Phase 5A Project
DEPARTMENT: Environmental Services Dept

\$ 42,312,559

**Current Year
Budget
Request**

Project Description		
WWTP Phase 5A Upgrade project will construct the next major phase of the WWTP to accommodate regional and City growth		
The prior approved capital expenditure is \$20,635,820		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: Multi Year	New Project: No	Category: FG
Timing Change? No	Scope Change: No	Cost Adjustment: Yes
Cost Confidence Level: 26% - 50%	Proceed without Grant: No	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	4,092	3,327	0	0	765	0
FY22	18,874	15,345	0	0	3,530	0
FY23	19,346	15,728	0	0	3,618	0
FY24	0	0	0	0	0	0
FY25	0	0	0	0	0	0
FY26	0	0	0	0	0	0
FY27	0	0	0	0	0	0
FY28	0	0	0	0	0	0
FY29	0	0	0	0	0	0
FY30	0	0	0	0	0	0
Subtotal	42,313	34,400	0	0	7,912	0
Previously Approved	17,099	0	0	0	17,099	0
Total	59,411	34,400	0	0	25,011	0

2021 Capital Budget Detail

ITEM NUMBER:
194.000

PROJECT NAME: Water Utility Infrastructure- Annual Program
DEPARTMENT: Environmental Services Dept

\$ 0

**Current Year
Budget
Request**

Project Description		
The Water Utility Infrastructure program maintains Red Deer's linear water infrastructure to deliver water to residents and regional customers to meet regulatory requirements.		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: Future Costs	New Project: No	Category: IR
Timing Change? No	Scope Change: No	Cost Adjustment: Yes
Cost Confidence Level: 51% - 95%	Proceed without Grant: N/A	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	0	0	0	0	0	0
FY22	7,927	0	0	0	7,927	0
FY23	10,522	0	0	0	10,522	0
FY24	10,990	0	0	0	10,990	0
FY25	11,478	0	0	0	11,478	0
FY26	11,991	0	0	0	11,991	0
FY27	12,536	0	0	0	12,536	0
FY28	13,106	0	0	0	13,106	0
FY29	13,703	0	0	0	13,703	0
FY30	14,326	0	0	0	14,326	0
Subtotal	106,579	0	0	0	106,579	0
Previously Approved	0	0	0	0	0	0
Total	106,579	0	0	0	106,579	0

2021 Capital Budget Detail

ITEM NUMBER:
195.000

PROJECT NAME: Water Utility Infrastructure - Annual Program
DEPARTMENT: Environmental Services Dept

\$ 7,539,511

**Current Year
Budget
Request**

Project Description		
The Water Utility Infrastructure program maintains Red Deer's linear water infrastructure to deliver water to residents and regional customers to meet regulatory requirements.		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: CY Only	New Project: No	Category: IR
Timing Change? No	Scope Change: No	Cost Adjustment: Yes
Cost Confidence Level: 51% - 95%	Proceed without Grant: N/A	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	7,540	0	0	0	7,540	0
FY22	0	0	0	0	0	0
FY23	0	0	0	0	0	0
FY24	0	0	0	0	0	0
FY25	0	0	0	0	0	0
FY26	0	0	0	0	0	0
FY27	0	0	0	0	0	0
FY28	0	0	0	0	0	0
FY29	0	0	0	0	0	0
FY30	0	0	0	0	0	0
Subtotal	7,540	0	0	0	7,540	0
Previously Approved	0	0	0	0	0	0
Total	7,540	0	0	0	7,540	0

2021 Capital Budget Detail

ITEM NUMBER:
196.000

PROJECT NAME: Storm Water Infrastructure - Annual Program
DEPARTMENT: Environmental Services Dept

\$ 0

**Current Year
Budget
Request**

Project Description		
The Storm Water Infrastructure program maintains Red Deer's Storm Water infrastructure to minimize risk to property and environmental impacts. Condition assessment is collected through video and visual inspections. This information is used to determine the replacement rehabilitation schedule. The crown paving program is another filter used to determine scheduling. Replacement programs provide for 2% annual growth in infrastructure. We have reviewed our construction methods to come up with better practices for Installation of The catchbasins which will avoid this cost in the future. -The Storm Water Outfall Reconstruction project will reconstruct existing Storm Water outfalls on the river and creeks.		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: Future Costs	New Project: No	Category: IR
Timing Change? No	Scope Change: No	Cost Adjustment: Yes
Cost Confidence Level: 51% - 95%	Proceed without Grant: N/A	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	0	0	0	0	0	0
FY22	0	0	0	0	0	0
FY23	4,474	0	0	4,474	0	0
FY24	4,763	0	0	4,763	0	0
FY25	5,074	0	0	5,074	0	0
FY26	5,409	0	0	5,409	0	0
FY27	5,764	0	0	5,764	0	0
FY28	6,146	0	0	6,146	0	0
FY29	6,556	0	0	6,556	0	0
FY30	6,855	0	0	6,855	0	0
Subtotal	45,041	0	0	45,041	0	0
Previously Approved	0	0	0	0	0	0
Total	45,041	0	0	45,041	0	0

2021 Capital Budget Detail

ITEM NUMBER:
197.000

PROJECT NAME: Wastewater Main Infrastructure - Annual Program
DEPARTMENT: Environmental Services Dept

\$ 0

**Current Year
Budget
Request**

Project Description		
<p>The Wastewater Main Infrastructure program maintains Red Deer's linear wastewater infrastructure and pump stations to meet regulatory requirements and minimize environmental impacts.</p> <ul style="list-style-type: none"> - The Utility ROW Clearing project will clear wastewater infrastructure rights of way that have become overgrown which limits access for inspection and maintenance - The Wastewater Infrastructure project will replace and reline wastewater mains, services and manholes 		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: Future Costs	New Project: No	Category: IR
Timing Change? No	Scope Change: No	Cost Adjustment: No
Cost Confidence Level: 51% - 95%	Proceed without Grant: N/A	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	0	0	0	0	0	0
FY22	4,157	0	0	0	4,157	0
FY23	4,322	0	0	0	4,322	0
FY24	4,515	0	0	0	4,515	0
FY25	4,715	0	0	0	4,715	0
FY26	4,925	0	0	0	4,925	0
FY27	5,149	0	0	0	5,149	0
FY28	5,383	0	0	0	5,383	0
FY29	5,629	0	0	0	5,629	0
FY30	5,884	0	0	0	5,884	0
Subtotal	44,679	0	0	0	44,679	0
Previously Approved	0	0	0	0	0	0
Total	44,679	0	0	0	44,679	0

2021 Capital Budget Detail

ITEM NUMBER:
198.000

PROJECT NAME: Wastewater Main Infrastructure - Annual Program
DEPARTMENT: Environmental Services Dept

\$ 3,953,896
**Current Year
Budget
Request**

Project Description		
The Wastewater Main Infrastructure program maintains Red Deer's linear wastewater infrastructure and pump stations to meet regulatory requirements and minimize environmental impacts.		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: CY Only	New Project: No	Category: IR
Timing Change? No	Scope Change: No	Cost Adjustment: No
Cost Confidence Level: 51% - 95%	Proceed without Grant: N/A	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	3,954	0	0	0	3,954	0
FY22	0	0	0	0	0	0
FY23	0	0	0	0	0	0
FY24	0	0	0	0	0	0
FY25	0	0	0	0	0	0
FY26	0	0	0	0	0	0
FY27	0	0	0	0	0	0
FY28	0	0	0	0	0	0
FY29	0	0	0	0	0	0
FY30	0	0	0	0	0	0
Subtotal	3,954	0	0	0	3,954	0
Previously Approved	0	0	0	0	0	0
Total	3,954	0	0	0	3,954	0

2021 Capital Budget Detail

ITEM NUMBER:
199.000

PROJECT NAME: Storm Water Infrastructure - Annual Program
DEPARTMENT: Environmental Services Dept

\$ 8,022,367
**Current Year
Budget
Request**

Project Description		
<p>The Storm Water Infrastructure program maintains Red Deer's Storm Water infrastructure to minimize risk to property and environmental impacts. Condition assessment is collected through video and visual inspections. This information is used to determine the replacement rehabilitation schedule. The crown paving program is another filter used to determine scheduling. Replacement programs provide for 2% annual growth in infrastructure. We have reviewed our construction methods to come up with better practices for Installation of catch basins, which will avoid this cost in the future. The Storm Water Outfall Reconstruction project will reconstruct existing Storm Water outfalls on the river and creeks.</p> <p>This capital project was reviewed and accepted by Alberta Transportation to include in the \$38,539,640 allocated to Red Deer under to the new COVID-19 Resilience Stream grant. A formal submission for review and approval by the federal government is in the final process for receipt of grant funding.</p>		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: CY Only	New Project: No	Category: IR
Timing Change? No	Scope Change: No	Cost Adjustment: Yes
Cost Confidence Level: 51% - 95%	Proceed without Grant: Yes	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	8,022	6,418	0	1,604	0	0
FY22	0	0	0	0	0	0
FY23	0	0	0	0	0	0
FY24	0	0	0	0	0	0
FY25	0	0	0	0	0	0
FY26	0	0	0	0	0	0
FY27	0	0	0	0	0	0
FY28	0	0	0	0	0	0
FY29	0	0	0	0	0	0
FY30	0	0	0	0	0	0
Subtotal	8,022	6,418	0	1,604	0	0
Previously Approved	0	0	0	0	0	0
Total	8,022	6,418	0	1,604	0	0

2021 Capital Budget Detail

ITEM NUMBER:
200.000

PROJECT NAME: WWTP Rehab, Replacements & Upgrades
DEPARTMENT: Environmental Services Dept

\$ 3,904,792
**Current Year
Budget
Request**

Project Description		
The WWTP Rehab Replacement & Upgrades program ensures that Red Deer's Wastewater Treatment Plant continues to treat wastewater from City residents and regional customers to meet regulatory requirements and minimize environmental impacts.		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: CY Only	New Project: No	Category: IR
Timing Change? Yes	Scope Change: Yes	Cost Adjustment: Yes
Cost Confidence Level: 51% - 95%	Proceed without Grant: N/A	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	3,905	0	0	0	3,905	0
FY22	0	0	0	0	0	0
FY23	0	0	0	0	0	0
FY24	0	0	0	0	0	0
FY25	0	0	0	0	0	0
FY26	0	0	0	0	0	0
FY27	0	0	0	0	0	0
FY28	0	0	0	0	0	0
FY29	0	0	0	0	0	0
FY30	0	0	0	0	0	0
Subtotal	3,905	0	0	0	3,905	0
Previously Approved	0	0	0	0	0	0
Total	3,905	0	0	0	3,905	0

2021 Capital Budget Detail

ITEM NUMBER:
202.000

PROJECT NAME:
DEPARTMENT:

WWTP Rehabilitation, Replacement and Upgrades -
Annual Program
Environmental Services Dept

\$ 0

**Current Year
Budget
Request**

Project Description		
The WWTP Rehab, Replacement & Upgrades program ensures that Red Deer's Wastewater Treatment Plant continues to treat wastewater from City residents and regional customers to meet regulatory requirements and minimize environmental impacts.		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: Future Costs	New Project: No	Category: IR
Timing Change? Yes	Scope Change: Yes	Cost Adjustment: Yes
Cost Confidence Level: 26% - 50%	Proceed without Grant: No	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	0	0	0	0	0	0
FY22	2,046	0	0	0	2,046	0
FY23	1,952	0	0	0	1,952	0
FY24	5,388	0	0	0	5,388	0
FY25	7,129	4,880	0	0	2,249	0
FY26	21,459	16,876	0	0	4,584	0
FY27	21,267	16,876	0	0	4,391	0
FY28	1,613	0	0	0	1,613	0
FY29	1,025	0	0	0	1,025	0
FY30	103	0	0	0	103	0
Subtotal	61,983	38,632	0	0	23,351	0
Previously Approved	0	0	0	0	0	0
Total	61,983	38,632	0	0	23,351	0

2021 Capital Budget Detail

ITEM NUMBER:
203.000

PROJECT NAME: Wastewater Main Infrastructure
DEPARTMENT: Environmental Services Dept

\$ 1

**Current Year
Budget
Request**

Project Description		
The Wastewater Main Infrastructure program maintains Red Deer's linear wastewater infrastructure and pump stations to meet regulatory requirements and minimize environmental impacts.		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: Future Costs	New Project: No	Category: IR
Timing Change? No	Scope Change: No	Cost Adjustment: Yes
Cost Confidence Level: 0% - 25%	Proceed without Grant: N/A	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	0	0	0	0	0	0
FY22	1,696	0	0	0	1,696	0
FY23	28	0	0	0	28	0
FY24	20	0	0	0	20	0
FY25	37	0	0	0	37	0
FY26	182	0	0	0	182	0
FY27	0	0	0	0	0	0
FY28	0	0	0	0	0	0
FY29	0	0	0	0	0	0
FY30	0	0	0	0	0	0
Subtotal	1,963	0	0	0	1,963	0
Previously Approved	0	0	0	0	0	0
Total	1,963	0	0	0	1,963	0

2021 Capital Budget Detail

ITEM NUMBER:
204.000

PROJECT NAME: Development Servicing - Annual
DEPARTMENT: Environmental Services Dept

\$ 0

**Current Year
Budget
Request**

Project Description		
The Wastewater/Storm/Water Services projects will install new services from the main to the property line. Customers are charged a fee based on the service size and type. Cost sharing is provided in some cases (as per City policy) in consideration of the asset renewal benefit. This program provides for 2% annual growth in infrastructure.		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: Future Costs	New Project: No	Category: IR
Timing Change? No	Scope Change: No	Cost Adjustment: No
Cost Confidence Level: 51% - 95%	Proceed without Grant: N/A	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	0	0	0	0	0	0
FY22	1,462	0	1,462	0	0	0
FY23	1,527	0	1,527	0	0	0
FY24	1,595	0	1,595	0	0	0
FY25	1,666	0	1,666	0	0	0
FY26	1,741	0	1,741	0	0	0
FY27	1,819	0	1,819	0	0	0
FY28	1,901	0	1,901	0	0	0
FY29	1,987	0	1,987	0	0	0
FY30	2,079	0	2,079	0	0	0
Subtotal	15,777	0	15,777	0	0	0
Previously Approved	0	0	0	0	0	0
Total	15,777	0	15,777	0	0	0

2021 Capital Budget Detail

ITEM NUMBER:
207.000

PROJECT NAME: WTP Rehabilitation & Replacement
DEPARTMENT: Environmental Services Dept

\$ 0

**Current Year
Budget
Request**

Project Description

The WTP Rehabilitation & Replacement program ensures that Red Deer's Water Treatment Plant continues to treat water for City residents and regional customers to meet regulatory requirements.

Public Art:

How much of the "Current Year Budget Request" is for Public Art?

0

Additional Information

Funding Request Clarification

Multi Year Project: Future Costs

New Project: No

Category: IR

Timing Change? Yes

Scope Change: Yes

Cost Adjustment:
Yes

Cost Confidence Level: 26% - 50%

Proceed without Grant: N/A

Inflation Category:
Non Residential
and Eng.
Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	0	0	0	0	0	0
FY22	1,057	0	0	0	1,057	0
FY23	844	0	0	0	844	0
FY24	1,268	0	0	0	1,268	0
FY25	194	0	0	0	194	0
FY26	848	0	0	0	848	0
FY27	666	0	0	0	666	0
FY28	1,471	0	0	0	1,471	0
FY29	67	0	0	0	67	0
FY30	0	0	0	0	0	0
Subtotal	6,414	0	0	0	6,414	0
Previously Approved	0	0	0	0	0	0
Total	6,414	0	0	0	6,414	0

2021 Capital Budget Detail

ITEM NUMBER:
208.000

PROJECT NAME: Waste Management Infrastructure
DEPARTMENT: Environmental Services Dept

\$ 0

**Current Year
Budget
Request**

Project Description		
The Waste Management Infrastructure program request will do the following: complete the construction of 3 additional cells to ensure uninterrupted access to landfilling volume; install leachate management infrastructure if required by Alberta Environment and Parks and other various site improvements at the WMF		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: Future Costs	New Project: No	Category: CG
Timing Change? Yes	Scope Change: Yes	Cost Adjustment: Yes
Cost Confidence Level: 51% - 95%	Proceed without Grant: N/A	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	0	0	0	0	0	0
FY22	653	0	0	0	653	0
FY23	3,632	0	0	0	3,632	0
FY24	638	0	0	0	638	0
FY25	5,179	0	0	0	5,179	0
FY26	1,010	0	0	0	1,010	0
FY27	4,813	0	0	0	4,813	0
FY28	61	0	0	0	61	0
FY29	882	0	0	0	882	0
FY30	6,244	0	0	0	6,244	0
Subtotal	23,112	0	0	0	23,112	0
Previously Approved	0	0	0	0	0	0
Total	23,112	0	0	0	23,112	0

2021 Capital Budget Detail

ITEM NUMBER:
219.000

PROJECT NAME: 9-1-1 Emergency Communications Centre
DEPARTMENT: Emergency Services Dept

\$ 5,781,996
**Current Year
Budget
Request**

Project Description		
<p>Construction/renovation of the primary 9-1-1 centre and potential EOC centre. The existing Communication Centre is at capacity, renovating Emergency Services Headquarters existing offices and apparatus bay will allow for expansion of the current 9-1-1 centre, while still retaining Administrations, Prevention and Training branches. The final recommendation and budget requirement for this capital request will be contingent on the recommendations from the feasibility study. Previously approved \$617,000.</p> <p>This capital project was reviewed and accepted by Alberta Transportation to include in the \$38,539,640 allocated to Red Deer under to the new COVID-19 Resilience Stream grant. A formal submission for review and approval by the federal government is in the final process for receipt of grant funding.</p>		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	50,000
Additional Information	Funding Request Clarification	
Multi Year Project: CY Only	New Project: No	Category: CG
Timing Change? No	Scope Change: No	Cost Adjustment: No
Cost Confidence Level: 51% - 95%	Proceed without Grant: No	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	5,782	4,626	0	1,156	0	0
FY22	0	0	0	0	0	0
FY23	0	0	0	0	0	0
FY24	0	0	0	0	0	0
FY25	0	0	0	0	0	0
FY26	0	0	0	0	0	0
FY27	0	0	0	0	0	0
FY28	0	0	0	0	0	0
FY29	0	0	0	0	0	0
FY30	0	0	0	0	0	0
Subtotal	5,782	4,626	0	1,156	0	0
Previously Approved	0	0	0	0	0	0
Total	5,782	4,626	0	1,156	0	0

2021 Capital Budget Detail

ITEM NUMBER:
220.000

PROJECT NAME: 2021 - Fire Training Facility
DEPARTMENT: Emergency Services Dept

\$ 4,468,465
**Current Year
Budget
Request**

Project Description		
2021 - Replacement of fire training tower. 2021 - Replacement of hi-fidelity patient simulator mannequin.		
This capital project was reviewed and accepted by Alberta Transportation to include in the \$38,539,640 allocated to Red Deer under to the new COVID-19 Resilience Stream grant. A formal submission for review and approval by the federal government is in the final process for receipt of grant funding.		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: CY Only	New Project: No	Category: IR
Timing Change? No	Scope Change: No	Cost Adjustment: No
Cost Confidence Level: 96% - 100%	Proceed without Grant: No	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	4,468	3,575	0	0	894	0
FY22	0	0	0	0	0	0
FY23	0	0	0	0	0	0
FY24	0	0	0	0	0	0
FY25	0	0	0	0	0	0
FY26	0	0	0	0	0	0
FY27	0	0	0	0	0	0
FY28	0	0	0	0	0	0
FY29	0	0	0	0	0	0
FY30	0	0	0	0	0	0
Subtotal	4,468	3,575	0	0	894	0
Previously Approved	0	0	0	0	0	0
Total	4,468	3,575	0	0	894	0

2021 Capital Budget Detail

NEW

ITEM NUMBER:
248.000

PROJECT NAME: Park Land Acquisition 2021
DEPARTMENT: Parks & Public Works Dept

\$ 10,100,000
**Current Year
Budget
Request**

Project Description		
Parkland acquisitions are required to meet the vision of the River Valley and Tributary Park Concept Plan land preservation identified in the Environmental Master Plan land for constructing the amenities identified in the Community Asset Needs Assessment and land for High School Site Developments. This capital request only includes park expansion lands within existing annexed areas.		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: CY Only	New Project: Yes	Category: CA
Timing Change? No	Scope Change: No	Cost Adjustment: No
Cost Confidence Level: 51% - 95%	Proceed without Grant: N/A	Inflation Category: Land Purchases

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	10,100	0	0	10,100	0	0
FY22	0	0	0	0	0	0
FY23	0	0	0	0	0	0
FY24	0	0	0	0	0	0
FY25	0	0	0	0	0	0
FY26	0	0	0	0	0	0
FY27	0	0	0	0	0	0
FY28	0	0	0	0	0	0
FY29	0	0	0	0	0	0
FY30	0	0	0	0	0	0
Subtotal	10,100	0	0	10,100	0	0
Previously Approved	0	0	0	0	0	0
Total	10,100	0	0	10,100	0	0

NEW

ITEM NUMBER:
251.000

PROJECT NAME: Intermediate (Central) School Renovation
DEPARTMENT: Completion
Insp. & Licensing Dept

\$ 4,603,500

**Current Year
Budget
Request**

Project Description
The City's 10 year lease of three floors of the Professional Building will expire in January 2023. Currently it costs The City approximately \$684k to occupy the Professional Building. There is vacant space in the Intermediate School that is owned by The City and has sufficient room to accommodate staff. This FAR consolidates staff in City owned assets. The move to Intermediate School will fully occupy the building creating a one stop shop for residents, synergies between staff, operating efficiencies and long term savings. The vacant space in the Intermediate School is currently a shell. This move requires an investment to modernize and renovate these vacant spaces which increases the value and usability of a currently partially vacant asset. There is also an increase in annual operating costs of Intermediate School however there are efficiencies created with the operating costs currently incurred for the occupied portion of the building and combined with the operating costs of the Professional Building will result in an overall operating savings. Renovations would need to begin in 2021 for the space to be ready in January 2023. The request results in a fully finished Intermediate School, office furniture, signage, and moving costs. This is requested within the 2021 Capital Budget to complete this work, move staff and vacate the Professional Building by January 2023.

Public Art:	How much of the "Current Year Budget Request" is for Public Art?	10,000
Additional Information	Funding Request Clarification	
Multi Year Project: CY Only	New Project: Yes	Category: IR
Timing Change? No	Scope Change: No	Cost Adjustment: No
Cost Confidence Level: 26% - 50%	Proceed without Grant: Yes	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	4,604	4,604	0	0	0	0
FY22	0	0	0	0	0	0
FY23	0	0	0	0	0	0
FY24	0	0	0	0	0	0
FY25	0	0	0	0	0	0
FY26	0	0	0	0	0	0
FY27	0	0	0	0	0	0
FY28	0	0	0	0	0	0
FY29	0	0	0	0	0	0
FY30	0	0	0	0	0	0
Subtotal	4,604	4,604	0	0	0	0
Previously Approved	0	0	0	0	0	0
Total	4,604	4,604	0	0	0	0

NEW

ITEM NUMBER:
252.000

PROJECT NAME: Civic Yards Flood Berm
DEPARTMENT: Environmental Services Dept

\$ 4,603,500
**Current Year
Budget
Request**

Project Description		
The Civic Yards Flood Berm Construction project will raise the height of the berms around the Civic Yards to improve climate resiliency at the site allowing it to continue as a staging area for City crews at higher river flows		
This capital project was reviewed and accepted by Alberta Transportation to include in the \$38,539,640 allocated to Red Deer under to the new COVID-19 Resilience Stream grant. A formal submission for review and approval by the federal government is in the final process for receipt of grant funding.		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: CY Only	New Project: Yes	Category: IR
Timing Change? No	Scope Change: No	Cost Adjustment: No
Cost Confidence Level: 26% - 50%	Proceed without Grant: No	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	4,604	3,683	0	921	0	0
FY22	0	0	0	0	0	0
FY23	0	0	0	0	0	0
FY24	0	0	0	0	0	0
FY25	0	0	0	0	0	0
FY26	0	0	0	0	0	0
FY27	0	0	0	0	0	0
FY28	0	0	0	0	0	0
FY29	0	0	0	0	0	0
FY30	0	0	0	0	0	0
Subtotal	4,604	3,683	0	921	0	0
Previously Approved	0	0	0	0	0	0
Total	4,604	3,683	0	921	0	0

NEW

ITEM NUMBER:
253.000

PROJECT NAME: Wastewater Treatment Plant Flood Berm Construction
DEPARTMENT: Environmental Services Dept

\$ 3,945,711

**Current Year
Budget
Request**

Project Description		
The WWTP Flood Berm Construction project will raise the height of the berms around the WWTP to improve climate resiliency at the WWTP allowing it to continue to treat wastewater at higher river flows.		
This capital project was reviewed and accepted by Alberta Transportation to include in the \$38,539,640 allocated to Red Deer under to the new COVID-19 Resilience Stream grant. A formal submission for review and approval by the federal government is in the final process for receipt of grant funding.		
Public Art:	How much of the "Current Year Budget Request" is for Public Art?	0
Additional Information	Funding Request Clarification	
Multi Year Project: CY Only	New Project: Yes	Category: IR
Timing Change? No	Scope Change: No	Cost Adjustment: No
Cost Confidence Level: 26% - 50%	Proceed without Grant: No	Inflation Category: Non Residential and Eng. Construction

Years	Total Funding Sources (Thousands \$)	Capital Grant Funds	Dev/Customer Contributions	Debt Funding	Capital Reserve Funds	Operating Funds
FY21	3,946	3,157	0	0	789	0
FY22	0	0	0	0	0	0
FY23	0	0	0	0	0	0
FY24	0	0	0	0	0	0
FY25	0	0	0	0	0	0
FY26	0	0	0	0	0	0
FY27	0	0	0	0	0	0
FY28	0	0	0	0	0	0
FY29	0	0	0	0	0	0
FY30	0	0	0	0	0	0
Subtotal	3,946	3,157	0	0	789	0
Previously Approved	0	0	0	0	0	0
Total	3,946	3,157	0	0	789	0

Capital Budget Requests for 2021 and 2022

Entity	Project	Project Title	Project Summary	2021	2022
CMD	PRJ-2018001	Capital Budget Contingency	The capital budget contingency of a maximum of \$200,000 annual allows for funding of projects up to \$50,000 to any new project and will be reported to Council.	200,000	200,000
ELP	PRJ-2021001	ELP Overhead & Underground Systems- Annual 2021 (CY)	Maintain system reliability by replacing old infrastructure to prevent (or in response to) failure, as part of customer upgrades, or to update technology.	1,923,240	-
ELP	PRJ-2021002	ELP Overhead & Underground Systems- Annual 2022 (FC)	This project maintains system reliability by replacing old infrastructure to prevent (or in response to) failure as part of customer upgrades or to update technology.	-	1,971,321
ELP	PRJ-2021004	ELP Infrastructure Replacements & Upgrades 2021 (CY)	Planned infrastructure upgrades and replacement of aged overhead and underground cables and transformers in areas around Red Deer. Roughly 30% of The City's installed distribution system is 40 years old or more, which equates to an estimated 40 year (+/-) backlog to rebuild and upgrade this infrastructure to accommodate all of what will be asked of it.	1,176,450	-
ELP	PRJ-2021005	ELP Infrastructure Replacements & Upgrades 2022 (FC)	Planned infrastructure upgrades and replacement of aged overhead and underground cables and transformers in areas around Red Deer. Roughly 30% of The City's installed distribution system is 40 years old or more, which equates to an estimated 40 year (+/-) backlog to rebuild and upgrade this infrastructure to accommodate all of what will be asked of it.	-	2,595,223
ELP	PRJ-2021006	ELP New System Construction 2021 (CY)	New distribution system construction to accommodate growth, reconfigure system load and optimize grid operations	511,500	-

Capital Budget Requests for 2021 and 2022

Entity	Project	Project Title	Project Summary	2021	2022
ELP	PRJ-2021008	ELP Smart Grid Infrastructure 2021 (CY)	Telecommunications infrastructure will be the critical component as the department builds the next generation distribution system. Without this, the department will not be able to accommodate new technologies and the shift to renewable and alternate energy generation as the industry continues to transform.	358,050	-
ELP	PRJ-2021009	ELP Smart Grid Infrastructure 2022 (FC)	Telecommunications infrastructure will be the critical component as the department builds the next generation distribution system. Without this, the department will not be able to accommodate new technologies and the shift to renewable and alternate energy generation as the industry continues to transform.	-	419,430
ELP	PRJ-2021010	ELP Customer Metering 2021 (CY)	Upgrades, replacements and future planning for customer electricity metering is required to address regulatory requirements, aging assets, technological advancements and the shift toward localized micro and distributed generation that focuses on renewable and alternative energy. Red Deer is one of the last remaining jurisdictions in Canada to have not moved to an AMI platform.	234,600	-
ELP	PRJ-2021011	ELP Customer Metering 2022 (FC)	Upgrades, replacements and future planning for customer electricity metering is required to address regulatory requirements, aging assets, technological advancements and the shift toward localized micro and distributed generation that focuses on renewable and alternative energy. Red Deer is one of the last remaining jurisdictions in Canada to have not moved to an AMI platform.	-	104,040
ELP	PRJ-2021012	ELP Enhancements of Electrical Service (Customer-Driven) 2021 (CY)	Customer Servicing projects include, but are not limited to, residential subdivision development, downtown customer servicing, conversion from overhead to underground at customer's request and commercial customer expansion projects.	2,406,096	-

Capital Budget Requests for 2021 and 2022

Entity	Project	Project Title	Project Summary	2021	2022
ELP	PRJ-2021013	ELP Enhancements of Electrical Service (Customer-Driven) 2022 (FC)	Customer Servicing projects include, but are not limited to, residential subdivision development, downtown customer servicing, conversion from overhead to underground at customer's request and commercial customer expansion projects.	-	2,494,560
ELP	PRJ-2021014	ELP Street Light Upgrades & Replacements 2021 (CY)	There are over 11,000 street lights installed in Red Deer with an approximate asset value of \$34.5M; many installations having been in service for over 40 years. While the actual lights have been upgraded to LED, the poles, cabling, controls and, in some cases, overall design & layout, all require attention and investment to ensure proper operation and safety for motorists, pedestrians and cyclists.	460,350	-
ELP	PRJ-2021015	ELP Street Light Upgrades & Replacements 2022 (FC)	There are over 11,000 street lights installed in Red Deer with an approximate asset value of \$34.5M; many have been in service for over 40 years. The poles, cabling, controls and, in some cases, overall design & layout, require attention and investment to ensure proper operation and safety for motorists, pedestrians and cyclists.	-	380,633
ELP	PRJ-2021016	ELP Traffic Light Upgrades & Replacements 2021 (CY)	There are roughly 150 signal controlled intersections in Red Deer with an approximate asset value of \$25M. To maintain safe system operations, the EL&P department requires nominal capital resourcing to address unplanned impacts and upgrades to infrastructure (damage, repairs or replacements) that cannot be recovered by other means.	76,725	-

Capital Budget Requests for 2021 and 2022

Entity	Project	Project Title	Project Summary	2021	2022
ELP	PRJ-2021017	ELP Traffic Light Upgrades & Replacements 2022 (FC)	There are roughly 150 signal controlled intersections in Red Deer with an approximate asset value of \$25M. To maintain safe system operations, the EL&P department requires nominal capital resourcing to address unplanned impacts and upgrades to infrastructure (damage, repairs or replacements) that cannot be recovered by other means.	-	78,643
ELP	PRJ-2021020	ELP Substations & SCADA-2021 (CY)	The City owns and operates 4 transmission substations that connect Red Deer to the Alberta power grid and 11 distribution substations. Upgrades and replacements are required for both distribution and transmission substations and their associated systems, devices and property.	388,740	-
ELP	PRJ-2021021	ELP Substations & SCADA 2022 (FC)	The City owns and operates 4 transmission substations that connect Red Deer to the Alberta power grid and 11 distribution substations. Upgrades and replacements are required for both distribution and transmission substations and their associated systems, devices and property.	-	346,030
ELP	PRJ-2021022	ELP Substations & SCADA Multi-Year - CURRENT PROJECTS	The City owns and operates 4 transmission substations that connect Red Deer to the Alberta power grid and 11 distribution substations. Upgrades and replacements are required for both distribution and transmission substations and their associated systems, devices and property. Over the next 10 years, 6 of Red Deer's 7 power transformers will be replaced to ensure the ongoing safe and reliable connection of Red Deer to the Provincial Grid.	1,355,475	707,788

Capital Budget Requests for 2021 and 2022

Entity	Project	Project Title	Project Summary	2021	2022
ENG	PRJ-2018053	Municipal 3rd Party Capital Work	Municipal Third Party Work enables Engineering Services to undertake the construction of City assets that are being paid for through Customer Contributions. Examples of this type of work include the construction of sidewalks, road improvements, or in some cases work needed to bring City services to areas in advance of planned construction.	-	1,572,862
ENG	PRJ-2018102	Safe Route to School Program	This program involves completing work on our city's pedestrian network (including both alongside and crossing roadways) in close proximity to schools, to support safe routes to schools for students and families. This work may include the construction of new sidewalks, crosswalks, curb ramps, and curb bulb-outs or other improvements as identified on a site-specific basis.	255,750	-
ENG	PRJ-2018107	Signal Modification/Work Program	This annual program involves traffic signal control installation, maintenance, modifications and analysis to various components of our traffic control infrastructure. This work will provide residents and visitors with safe, modern, and user-friendly options to travel throughout our city, whichever mode of travel they choose.	-	209,715
ENG	PRJ-2018113	Purchase of Road Right of Way	This funding is intended to facilitate the purchase of Road Right of Way relative to development and redevelopment when needed.	-	524,287
ENG	PRJ-2018118	Traffic Safety Initiatives Program	Through periodic studies and ongoing analysis, this program develops recommendations for improvements to problematic intersections to support and maintain a safe transportation system for Red Deerians.	-	104,857

Capital Budget Requests for 2021 and 2022

Entity	Project	Project Title	Project Summary	2021	2022
ENG	PRJ-2018125	Riverside Drive Parking Areas (2) - BMX site & Trail access site	This project involves constructing two defined parking areas for the public to safely access two existing recreational sites (Riverside Trail and the BMX Recreational Area). The construction of these two parking areas will prevent the illegal lay-by use of transport trucks and prevent damage to green spaces that are currently being parked on.	-	314,572
ENG	PRJ-2018170	Northland Dr from Hwy 2 to Taylor Dr - 4 lanes	This work is needed for the completion of Northland Drive, and has been identified in the North Highway Connector Functional Planning Study accepted by City Council in June 2009. It is recommended this work be complete by the time the City reaches a population of 115,000.	-	4,089,442
ENG	PRJ-2018173	College Park Servicing (Water/Sanitary)	This project includes design and construction of sanitary water and drainage for the community. Road structure replacement will also be a part of this project for portions of the road. As funding of this will be provided by residents through a utility rate adjustment, the project is dependent on sufficient interest expressed by the neighbourhood.	-	4,718,587
ENG	PRJ-2018176	CP Rail Overpass (Hwy 11A between Taylor Dr & Gaetz Avenue)	This work is needed for the completion of Northland Drive was identified in the North Highway Connector Functional Planning Study accepted by City Council in June 2009. This project will involve construction of Northland Drive's (Hwy 11A's) CP rail overpass between Taylor Drive and Gaetz Ave, with initial construction to include a single bridge structure with design and construction in 2019-2021.	6,342,600	-
ENG	PRJ-2018186	South East Sector Transportation System	This work will support the expansion of the east-west transportation system south of 32 Street to accommodate growth activity.	-	15,623,767

Capital Budget Requests for 2021 and 2022

Entity	Project	Project Title	Project Summary	2021	2022
ENG	PRJ-2018194	Sanitary Model Update	These projects are required to provide sanitary trunk service to new development and re-development areas in the City, and have been scheduled in line with development growth plans. Development levies are the primary source of funding for these projects.	127,875	-
ENG	PRJ-2018210	Water Model Update	These projects are required to provide storm trunk services to Queens Business Park as well for the stormwater management of Hazlett Lake, to facilitate future growth activity. Development Levies are the primary source of funding for these projects.	127,875	-
ENG	PRJ-2018290	Road 6: Taylor Drive / Hwy 11A Intersection	The Development Prioritization Study done by Engineering Services in 2014 identified the necessary road network in the growth area north of Hwy 11A. These funds are for Hwy 11A / Taylor Drive intersection improvements.	8,184,000	-
ENG	PRJ-2018295	Sanitary Trunk (NE3) - adjacent to Hwy 2A, connecting shared Regional Line to the area (City Snow Site)	To accommodate future growth activity and various City operational needs, this project includes a sanitary trunk line within NE3 to service the future City snow site, fire training site, and remaining industrial land within NE3.	-	1,363,147
ENG	PRJ-2018296	Area 1: Hazlett Lake - Overflow Drainage Route Rehabilitation	This initiative includes the design and regulatory approvals for an overland drainage route and natural area between Hazlett Lake and the Red Deer River. The drainage route will service development within N½ 4, and N½ 3.	1,023,000	1,782,577
ENG	PRJ-2020049	Traffic Control Systems Replacement	This is an annual program to address the issue of aged traffic signal infrastructure in the City that has been identified as having adverse impacts on traffic operations and efficient movement of people and goods in our city.	-	2,097,150
ENG	PRJ-2020062	New Signal - 55 St / Reichley St	A new signal is required at this location to improve intersection operation and safety for all road users.	593,340	-

Capital Budget Requests for 2021 and 2022

Entity	Project	Project Title	Project Summary	2021	2022
ENG	PRJ-2021039	Traffic Safety Initiatives Program	Through periodic studies and ongoing analysis, this program develops recommendations for improvements to problematic intersections to maintain a safe transportation system for Red Deerians.	102,300	-
ENG	PRJ-2021040	Pedestrian Connections / Missing Links	This work involves extending sidewalks and trails in various locations throughout the City, prioritized based on need, to fill missing connections in our city's active transportation network.	818,400	-
ENG	PRJ-2021041	Signal Modification/Work Program	This annual program involves traffic signal control installation, maintenance, modifications and analysis to various components of our traffic control infrastructure. This work will provide residents and visitors with safe, modern, and user-friendly options to travel throughout our city, whichever mode of travel they choose.	204,600	-
ENG	PRJ-2021042	Road/Sidewalk Rehabilitation Program	This work involves the maintenance and rehabilitation of sidewalks and trails, upgrades to transit stops, and road modifications related to transit bus movement (e.g. corner widening). This work will occur in various locations throughout the City and individual projects are prioritized based on need in order to meet our multimodal transportations goals.	613,800	-
ENG	PRJ-2021043	Mobility Program	In order to support an accessible and safe transportation system for residents and visitors, this program implements accessibility modifications such as relocation or upgrade of existing infrastructure (signs, line markings, curb ramps, etc.), implementation of traffic calming elements (vertical deflection, horizontal shifts, curb bulb-outs, etc.), installation of elements to improve accessibility for those with mobility-related challenges (e.g. new curb ramps, tactile walking surface indicators, etc.), or way- finding elements.	1,841,400	-

Capital Budget Requests for 2021 and 2022

Entity	Project	Project Title	Project Summary	2021	2022
ENG	PRJ-2021044	Municipal 3rd Party Capital Work	Municipal Third Party Work enables Engineering Services to undertake the construction of City assets that are being paid for through Customer Contributions. Examples of this type of work include the construction of sidewalks, road improvements, or in some cases work needed to bring City services to areas in advance of planned construction.	1,534,500	-
ENG	PRJ-2021046	Signal Infrastructure Replacement Program	This is an annual program to address the issue of aged traffic signal infrastructure in the City that has been identified as having adverse impacts on traffic operations and efficient movement of people and goods in our city.	818,400	-
ENG	PRJ-2021047	Signal Infrastructure Replacement Program	This is an annual program to address the issue of aged traffic signal infrastructure in the City that has been identified as having adverse impacts on traffic operations and efficient movement of people and goods in our city.	-	838,860
ENG	PRJ-2021048	Traffic Control System Replacement	This work will involve the replacement of the control system and cabinets for traffic signals throughout The City. Doing this work is an important part of maintaining an efficient, modern transportation system.	2,046,000	-
ENV	PRJ-2018002	Water Utility Infrastructure- Annual Program	The Water Utility Infrastructure program maintains Red Deer's linear water infrastructure to deliver water to residents and regional customers to meet regulatory requirements.	-	7,927,228
ENV	PRJ-2018093	Wastewater Main Infrastructure	The Wastewater Main Infrastructure program maintains Red Deer's linear wastewater infrastructure and pump stations to meet regulatory requirements and minimize environmental impacts.	-	1,695,546
ENV	PRJ-2018095	Water Pumping Stations	The Water Main Pumping Stations program maintains Red Deer's water pump stations to meet regulatory requirements and customer's water needs.	-	386,925

Capital Budget Requests for 2021 and 2022

Entity	Project	Project Title	Project Summary	2021	2022
ENV	PRJ-2018097	WTP Rehabilitation & Replacement	This request covers a variety of critical replacement and repairs necessary to ensure that Red Deer's Water Treatment Plan continues to treat water for City residents and regional customers to meet regulatory requirements	-	1,056,964
ENV	PRJ-2018098	WWTP Rehabilitation, Replacement and Upgrades - Annual Program	This request covers a variety of critical replacement and repairs necessary to ensure that Red Deer's Wastewater Treatment Plan continues to treat wastewater for City residents and regional customers to meet regulatory requirements	-	2,045,772
ENV	PRJ-2018147	Waste Management Infrastructure	The Waste Management Infrastructure program request will do the following: complete the construction of 3 additional cells to ensure uninterrupted access to landfilling volume; install leachate management infrastructure if required by Alberta Environment and Parks, and other various site improvements at the WMF	-	653,264
ENV	PRJ-2019043	Development Servicing - Annual	The Wastewater/Storm/Water Services projects will install new services from the main to the property line. Customers are charged a fee based on the service size and type, and cost sharing is provided in some cases (as per City policy) in consideration of the asset renewal benefit.	-	1,461,714
ENV	PRJ-2019044	Wastewater Main Infrastructure - Annual Program	The Utility ROW Clearing project will clear wastewater infrastructure rights of way that have become overgrown which limits access for inspection and maintenance. The Wastewater Infrastructure project will replace and reline wastewater mains, services and manholes	-	4,156,552
ENV	PRJ-2019045	Water Utility Infrastructure	This capital request is to: construct additional equipment storage at Civic Yards; purchase survey equipment for Environmental Services to complete design work and confirm as-built information; and refurbish and improve the existing three pressure reducing valve chambers	352,936	-

Capital Budget Requests for 2021 and 2022

Entity	Project	Project Title	Project Summary	2021	2022
ENV	PRJ-2021019	Storm Water Infrastructure - Annual Program	This request will: clear storm water infrastructure rights of way that have become overgrown which limits access for inspection and maintenance; replace, upgrade or reline storm infrastructure that has deteriorated; repair catchbasins that have been damaged and have caused problems due to frost movement; and reconstruct existing storm water outfalls on the river and creeks.	8,022,366	-
ENV	PRJ-2021026	Water Pumping Stations	Queens Park Midrange Pump Installation project will install a different sized pump to allow the station to meet the significantly smaller demand than was anticipated. Mountview Structural Repairs project will address exposed rebar found in reservoir and replace/improve the roof of the reservoir	2,150,346	-
ENV	PRJ-2021027	WTP Rehabilitation & Replacement	Instrument, Flow Meter, and PLC Replacement project will replace instrumentation components at the end of their service life	34,782	-
ENV	PRJ-2021029	Waste Management Infrastructure	Cart Purchase project will purchase replacement and additional carts. Resurfacing of Northeast Diversion Pad project will reinstate the former compost pad to be used as additional diversion area	409,200	-
ENV	PRJ-2021030	Water Utility Infrastructure - Annual Program	The Water Utility Infrastructure program maintains Red Deer's linear water infrastructure to deliver water to residents and regional customers to meet regulatory requirements.	7,539,510	-
ENV	PRJ-2021031	WMF Security	WMF Security Upgrades project will continue the work on addressing the current security deficiencies at the WMF.	204,600	209,715
ENV	PRJ-2021032	Water Distribution System Pressure Monitoring	Distribution System Pressure Monitoring project will install equipment to assist with operation of the water distribution system	359,073	368,049

Capital Budget Requests for 2021 and 2022

Entity	Project	Project Title	Project Summary	2021	2022
ENV	PRJ-2021034	Wastewater Main Infrastructure	This capital request is to: purchase wastewater flow meters to better understand the behavior of the system and calibrate the collection system model; purchase survey equipment for Environmental Services to complete design work and confirm as built information; and purchase a replacement sewer inspection camera	72,633	-
ENV	PRJ-2021035	Development Servicing - Annual	The Wastewater/Storm/Water Services projects will install new services from the main to the property line. Customers are charged a fee based on the service size and type, and cost sharing is provided in some cases (as per City policy) in consideration of the asset renewal benefit.	1,397,418	-
ENV	PRJ-2021036	Wastewater Main Infrastructure - Annual Program	The Wastewater Main Infrastructure program maintains Red Deer's linear wastewater infrastructure and pump stations to meet regulatory requirements and minimize environmental impacts.	3,953,895	-
ENV	PRJ-2021045	WWTP Rehab, Replacements & Upgrades	The WWTP Rehab, Replacement & Upgrades program ensures that Red Deer's Wastewater Treatment Plant continues to treat wastewater from City residents and regional customers to meet regulatory requirements and minimize environmental impacts.	3,904,792	-
ENV	PRJ-2021056	Westerner Stormwater Pond Reconstruction	The Westerner Stormwater Pond Reconstruction project will address a number of issues that have been occurring with the Westerner Stormwater Pond. The outlet from the pond needs to be reconfigured, better access to the pond for maintenance is required and improvements to reduce the amount of siltation occurring in the pond need to be made	1,314,555	-

Capital Budget Requests for 2021 and 2022

Entity	Project	Project Title	Project Summary	2021	2022
ENV	PRJ-2021058	Wastewater Treatment Plant Flood Berm Construction	The WWTP Flood Berm Construction project will raise the height of the berms around the WWTP to improve climate resiliency at the WWTP allowing it to continue to treat wastewater at higher river flows	3,945,711	-
ENV	PRJ-2021060	Civic Yards Flood Berm	The Civic Yards Flood Berm Construction project will raise the height of the berms around the Civic Yards to improve climate resiliency at the site allowing it to continue as a staging area for City crews at higher river flows	4,603,500	-
ENV	PRJ-2021063	Storm Water Outfalls	The Stormwater Outfall Repairs project will address a number of stormwater outfalls that are in need of repair. This funding will allow us to address a portion of the backlog of outfalls that require repair.	1,972,344	-
ENV	PRJ-2021065	Storm Pipe Re-Lining	The Storm Pipe Relining project will increase the metres of storm pipe that can be relined to extend its service life.	1,972,344	-
ENV	PRJ-81289	WWTP Phase 5 Upgrade	This project will construct the next major phase of the WWTP to accommodate regional and City growth. Work will begin in 2021, and is expected to be complete in 2023; the anticipated budget for this is \$42.3M, adding to the previously approved \$17M.	4,092,000	18,874,350
ESD	PRJ-2018022	Fire/Rescue Equipment	These projects are for the replacement of specialized equipment as they reach the end of their lifespan and for specialized equipment to improve operational safety and efficiencies.	-	87,033
ESD	PRJ-2018026	Fire Training Facility	Items added to 2022/2023 are due to the delay to relocate the Fire Training Facility and are required to fulfill current requirements and attract external customers.	-	186,646

Capital Budget Requests for 2021 and 2022

Entity	Project	Project Title	Project Summary	2021	2022
ESD	PRJ-2018029	Emergency Medical Services Equipment	An annual replacement schedule of cardiac monitors is followed to ensure a standardized replacement of current cardiac monitors to meet the medical standards of practice in cardiac assessment and medical care. Cost of equipment are included in quarterly reporting to AHS.	-	181,404
ESD	PRJ-2018031	9-1-1 Emergency Communications Centre	Construction/renovation of the primary 9- 1-1 centre and potential EOC centre. The existing Communication Centre is at capacity; renovating Emergency Services Headquarters existing offices and apparatus bay will allow for expansion of the current 9-1-1 centre, while still retaining Administrations, Prevention and Training branches.	5,781,997	-
ESD	PRJ-2018032	9-1-1 Emergency Communications Equipment	This request covers a variety of software upgrades and hardware replacements to support the 9-1-1 Emergency Communications Center equipment.	-	41,944
ESD	PRJ-2020025	Downtown CCTV & Other Related Security Enhancements	Costs are for any repairs, replacement and/or movement of CCTV cameras based on project needs and wear and tear on the hardware from weather, theft, vandalism, etc., as well as normal aging.	-	3,146
ESD	PRJ-2020063	2021 Downtown CCTV & Other Related Security Enhancements	Capital costs for installation, networking, licensing and ongoing maintenance and management of five (5) fixed CCTV cameras and one (1) mobile camera for use in public areas downtown.	104,346	-
ESD	PRJ-2020065	2021 - 911 Emergency Communication Equipment	"2021 - Replacement of interactive monitors and software 2021 - Radio console server and accessory replacement"	179,026	-
ESD	PRJ-2020066	2021 - Emergency Medical Services Equipment	An annual replacement schedule of cardiac monitors is followed to ensure a standardized replacement of current cardiac monitors to meet the medical standards of practice in cardiac assessment and medical care	111,508	-

Capital Budget Requests for 2021 and 2022

Entity	Project	Project Title	Project Summary	2021	2022
ESD	PRJ-2020068	2021 - Fire Rescue Equipment	These projects are for the replacement of specialized equipment as they reach the end of their lifespan and for specialized equipment to improve operational safety and efficiencies.	195,394	-
ESD	PRJ-2020069	2021 - Fire Training Facility	2021 - Replacement of fire training tower 2021 - Replacement of hi-fidelity patient simulator mannequin	4,468,465	-
ESD	PRJ-2021049	2021 - CAD Refresh/System Intelligence	2021 & 2022 - CAD System Refresh/System Intelligence	613,800	262,144
ESD	PRJ-2021050	Standardization of Physical Security Infrastructure	This will standardize all electronic security hardware and related infrastructure across all City facilities onto a single, centrally-coordinated platform (Genetic software). This integration will position The City to leverage technology in its evaluation of security risk, realize cost efficiencies through centralization, strengthen tracking and monitoring of access points, and create efficiencies in responding to security issues	-	81,789
FIN	PRJ-2019037	Accounts Payable Automation	This project would automate additional portions of the accounts payable business process including invoice entry, invoice imaging and workflow for approvals.	306,000	-
FIN	PRJ-2019039	Governance, Risk & Compliance Software	Identify risks, implement policies, and track compliance. Drive a culture of risk awareness and compliance. Maintain an efficient and comprehensive compliance program.	-	312,120
INL	PRJ-2019001	Sorensen Station Parkade Infrastructure Maintenance		-	26,215

Capital Budget Requests for 2021 and 2022

Entity	Project	Project Title	Project Summary	2021	2022
INL	PRJ-2020033	Install New Parking Pay Infrastructure	Existing parking infrastructure is well past its useful life, and in order to optimize public parking as an economic development and customer service tool, updates to this equipment are needed in 2022. This furthers recommended actions in the Downtown Investment Attraction Plan, as well as The City's Parking Management Strategy.	-	2,883,581
INL	PRJ-2020067	Intermediate (Central) School Renovation Completion	This request furthers efforts to consolidate City of Red Deer staff in City-owned assets, such as Central Intermediate School. The move to Intermediate School will fully occupy the building creating a one stop shop for residents, synergies between staff, operating efficiencies, and long term savings.	4,603,500	-
ITS	PRJ-2019016	Web Site Review, Redesign and Technology Upgrade	Purchase and implement technology for websites.	-	650,250
ITS	PRJ-2021024	2021 Information Technology Refresh	Annual Information Technology refresh including software improvements, hardware replacements/upgrades, completion of phone system replacement enable strategic improvements in our software systems. The City has over 100 software systems of various sizes that the ITS department supports and 1,200+ users.	943,500	-
ITS	PRJ-2021025	2022 Information Technology Refresh	Annual Information Technology refresh including software improvements, hardware replacements/upgrades, completion of phone system replacement enable strategic improvements in our software systems. The City has over 100 software systems of various sizes that the ITS department supports and 1,200+ users.	-	962,370

Capital Budget Requests for 2021 and 2022

Entity	Project	Project Title	Project Summary	2021	2022
MPS	PRJ-2020009	2022 Municipal Police Services Infrastructure Maintenance & Safety Equipment	Both detachments' infrastructure is greater than ten years in age and require maintenance and/or replacement. Priorities include workstation/furniture plus equipment to provide recordings for legal, training and quality assurance purposes.	-	186,646
MPS	PRJ-2021003	2021 Municipal Police Services Infrastructure Maintenance & Safety Equipment	Both detachments' infrastructure is greater than 10 years in age and require maintenance and/or replacement. Priorities include workstation/furniture, and equipment to provide recordings for legal, training and quality assurance purposes.	240,405	-
MPS	PRJ-70316	RCMP Parking Lot Expansion	With the anticipated growth in Regular RCMP Members and associated increase in police vehicles, there is a need to explore the option of extending the foot print of the downtown detachment parking lot over the adjacent storm pond. Offsite parking of police vehicles is not an option as they would be targeted to vandalism and need to be immediately accessible to members at all times in order to respond to emergencies.	143,220	-
PPW	PRJ-2018012	2022 Bridge Rehabilitation and Replacement	This will support major bridge rehabilitation and replacement projects.	-	1,415,576
PPW	PRJ-2018014	2022 Development Agreement Sign & Pavement Markings	This is for new signs and pavement markings which become contributed assets, which are funded from the Developer through the Development Agreements.	-	36,700
PPW	PRJ-2019011	2022 Gravel Rural Road Resurfacing	Rural roadways, constructed to old transportation standards, were intended for local traffic volumes and were not in great shape at the time of annexation(2009). Over the past decade, traffic volumes have increased on these 13 kms of roadway. Requests surface from users to rebuild and re-gravel these roadways.	-	331,350

Capital Budget Requests for 2021 and 2022

Entity	Project	Project Title	Project Summary	2021	2022
PPW	PRJ-2019038	2022 Guardrails & Retaining Wall Replacement	This program repairs or replaces aging and obsolete guardrails, retaining walls, and sound walls throughout the city annually. The new installations will be designed to meet current safety standards and mobility objectives as identified in the multi-modal transportation plan.	-	201,326
PPW	PRJ-2020006	2021 Paved Roadway Network Management	Pavement management involves ongoing monitoring and many complexities, but focuses on preventative road maintenance programs to maximize the paved roadway lifecycles and prevent costly reconstruction costs. This budget is to manage the paved road network in a proactive, holistic, and financially responsible way to maintain service levels and not create undue and costly repairs.	13,787,994	-
PPW	PRJ-2020007	2021 Development Agreement Sign & Pavement Markings	This is for new signs and pavement markings which become contributed assets, which are funded from the Developer through the Development Agreements.	35,805	-
PPW	PRJ-2020010	2021 Guardrails & Retaining Wall Replacement	This program repairs or replaces aging and obsolete guardrails, retaining walls, and sound walls throughout the city annually. The new installations will be designed to meet current safety standards and mobility objectives as identified in the multi-modal transportation plan.	236,313	-
PPW	PRJ-2020046	2022 Paved Roadway Network Management	Pavement management involves ongoing monitoring and many complexities, but focuses on preventative road maintenance programs to maximize the paved roadway lifecycles and prevent costly reconstruction costs. This budget is to manage the paved road network in a proactive, holistic, and financially responsible way to maintain service levels and not create undue and costly repairs.	-	14,599,310

Capital Budget Requests for 2021 and 2022

Entity	Project	Project Title	Project Summary	2021	2022
PPW	PRJ-2020053	2021 Asphalt Sidewalk Repair	This annual maintenance program not only supports the Mobility Playbook by addressing potential hazards, but also replaces sections of sidewalk in need of repair and/or reconstruction to maintain a safe and efficient asset.	235,290	-
PPW	PRJ-2020054	2021 Bridge Rehabilitation and Replacement	This will support major bridge rehabilitation and replacement projects.	1,278,750	-
PPW	PRJ-2020055	2021 Waskasoo Creek Scour & Erosion Repairs (Between 32nd and 43rd Street)	Following 2020 spring peak flows, portions of Waskasoo Creek channel have experienced multiple locations of bank scour and erosion, requiring assessment and repairs to protect adjacent asphalt trails, pedestrian bridges, and Taylor Drive.	102,300	-
PPW	PRJ-2020058	2022 Waskasoo Creek Scour & Erosion Repairs (Between 32nd and 43rd Street)	Following 2020 spring peak flows, portions of Waskasoo Creek channel have experienced multiple locations of bank scour and erosion, requiring assessment and repairs to protect adjacent asphalt trails, pedestrian bridges, and Taylor Drive.	-	419,430
PPW	PRJ-2020059	2021 Gravel Rural Road Resurfacing	This request is to upgrade 1.3 kilometers of rural gravel roadway per year for the next 10 years to maintain the condition our 13KM's of roadways.	323,268	-
PPW	PRJ-2020072	West Park Gardens - Store Hill 2021	Phase 2 development include the installation of a small play structure, horseshoe pits, a food forest, and the addition of tree and shrub landscape bulbs. The capital construction of the site will be primarily funded by grants, donations, and community fundraising by the West Park Community Association.	1,023	-
PPW	PRJ-2020073	Trail Overlays/Parking Lot Overlays 2022+	This funding is to overlay between 2 to 4 km of trails annually. This maintenance is required to ensure that the trails remain safe for our users and that the infrastructure is maintained in accordance with engineering standards.	-	131,911

Capital Budget Requests for 2021 and 2022

Entity	Project	Project Title	Project Summary	2021	2022
PPW	PRJ-2020074	Asphalt Court Overlays 2021	This capital requirement allows an overlay of one site per year (one asphalt pad site may contain multiple courts). The exact location of the overlay work will be determined each spring based on the condition of various courts at that time.	46,035	-
PPW	PRJ-2020075	Rec Amenity - New Neighbourhood Parks 2022+	This capital request is funded from developer contributions under the collection of Recreation Amenity Funds portion of the Development Agreement.	-	256,901
PPW	PRJ-2020076	Parks Sign Capital Replacements 2022+	In 2012, The City started a sign replacement program focused on replacing the Waskasoo Park sign system with a more resilient, modern, and timeless standard, with a phased approach to replacing the existing infrastructure. This request will allow annual update of the old standards.	-	115,343
PPW	PRJ-2020077	Kerry Wood Nature Centre & Allen Bungalow Preservation 2021	A comprehensive roofing assessment conducted in 2019 identified priorities for roofing repairs or replacements at both facilities currently scheduled for 2021- 2023. In addition radon testing at the Allen Bungalow exceeded acceptable thresholds and requires mitigation.	69,564	-
PPW	PRJ-2020082	Mountview Tennis Court Replacement 2021	Because of a major repair that needed to occur at the water reservoir site, the Mountview Tennis Courts were removed. This capital request represents the replacement of the courts on the Mountview Elementary School site, adjacent to the Mountview Community Association building.	204,600	-
PPW	PRJ-2020084	Natural Area and Slope Remediation 2022+	Red Deer's escarpments, creeks, and natural areas are the most heavily used parks in our community. This capital request provides funding to address natural area reclamation and disturbance by temporarily limiting access to a natural area to allow parks staff to repair site damages and re-vegetate the parks.	-	104,857

Capital Budget Requests for 2021 and 2022

Entity	Project	Project Title	Project Summary	2021	2022
PPW	PRJ-2020086	Park Land Acquisition 2021	Parkland acquisitions are required to meet the vision of the River Valley and Tributary Park Concept Plan, land preservation identified in the Environmental Master Plan, land for constructing the amenities identified in the Community Asset Needs Assessment and High School Site Development.	10,100,000	-
PPW	PRJ-2020090	Asphalt Court Overlays 2022+	Annual overlays provide a sustainable approach to maintaining current infrastructure. Courts should receive an overlay approximately every 15-20 years depending on site conditions. The exact location of the overlay work will be determined each spring based on the condition of various courts at that time.	-	47,186
PPW	PRJ-2020091	Cemetery Columbarium Construction 2022+	Based on a review of sales and available Columbarium units, projections have been amended to ensure that a minimum two year supply of niches is available at all times.	-	73,400
PPW	PRJ-2020092	Natural Area and Slope Remediation 2021	Red Deer's escarpments, creeks, and natural areas are the most heavily used parks in our community. This capital request provides funding to address natural area reclamation and disturbance to allow parks staff to repair site damages and re-vegetate the parks.	102,300	-
PPW	PRJ-2020093	Parks Major Amenity Plan 2021	The Asset Management Plan and Capital replacement plans are reviewed and updated at each budget cycle. This request represents the major repairs and replacement of 1% of our parks infrastructure based on highest need. (includes pedestrian bridges, picnic shelters, washroom facilities, staircases, boardwalks and viewpoints, playgrounds, benches, waste containers, picnic tables, etc.)	2,297,658	-

Capital Budget Requests for 2021 and 2022

Entity	Project	Project Title	Project Summary	2021	2022
PPW	PRJ-2020095	Parks Sign Capital Replacements 2021	In 2012, The City started a sign replacement program focused on replacing the Waskasoo Park sign system with a more resilient, modern, and timeless standard, with a phased approach to replacing the existing infrastructure. This request will allow annual update of the old standards.	112,530	-
PPW	PRJ-2020096	Trail Overlays 2021	This funding is to overlay 1% (between 2 to 4 km) of trails annually. This maintenance is required to ensure that the trails remain safe for our users and that the infrastructure is maintained in accordance with engineering standards.	246,543	-
PPW	PRJ-2021068	Parking Lot Overlays 2021	This maintenance is required to ensure that the parking lots remain safe for our users and that the infrastructure is maintained in accordance with engineering standards.	74,884	-
PPW	PRJ-2021078	Kerry Wood Nature Centre & Allen Bungalow Preservation 2022+	A comprehensive roofing assessment conducted in 2019 identified priorities for roofing repairs or replacements at both facilities currently scheduled for 2021- 2023. In addition radon testing at the Allen Bungalow exceeded acceptable thresholds and requires mitigation.	-	159,383
PPW	PRJ-2021080	Rec Amenity - New Neighbourhood Parks 2021	This capital request is funded from developer contributions under the collection of Recreation Amenity Funds portion of the Development Agreement.	230,175	-
PPW	PRJ-2021081	Riverside Meadows - ARP Park Upgrades	In 2009, an Area Redevelopment Plan (ARP) and Community Plan for Riverside Meadows was completed that contains a number of recommendations for park developments as mechanisms of neighbourhood revival and identity.	920,700	-
SHC	PRJ-2018038	Heritage Ranch/Waskasoo Special Gathering Places - Preservation 2022+	This capital sheet represents the assets scheduled for replacement or major repair as per the 10 year Infrastructure Maintenance Plan.	-	20,971

Capital Budget Requests for 2021 and 2022

Entity	Project	Project Title	Project Summary	2021	2022
SHC	PRJ-2018039	Kinsmen Community Arenas - Preservation 2021	Abatement at the KCA is required as a result of a Brine leak that was identified and repaired in 2013. A significant amount of contaminated soil was removed this capital request reflects cost of full remediation and required monitoring.	1,095,633	-
SHC	PRJ-2018040	Lion's Campground Preservation 2022+	Redevelopment of the facility to meet current RV sizes, user expectations and needs is required. The completion of an updated facility/site concept and detail design plan will be completed to meet current and future campground user needs, followed by construction placeholders in future years.	-	106,955
SHC	PRJ-2018049	SHC Infrastructure Maintenance 2022+	This capital request is to replace or repair unanticipated infrastructure failures throughout the year.	-	249,561
SHC	PRJ-2018063	Community Activity Centres - Preservation 2022+	Pioneer Lodge is the oldest and most unique community activity centre which requires specific and timely maintenance to preserve the life of the logs. Replacement of skate-friendly flooring to replace the current asphalt planking (which has been discontinued) will be required in all existing Activity Centres to be completed over 5 years (2025-2029).	-	41,943
SHC	PRJ-2018077	J. J. Gaetz House Preservation 2022+	In 2020, The City anticipates acquiring the related property and surrounding land including along the escarpment. A facility condition and assessment will be conducted in 2021 followed by priority repairs.	-	649,068
SHC	PRJ-2018086	Recreation Centre Preservation 2021	The facility's air conditioner chiller inspection and recent repair reports indicate that the equipment is approaching failure and requires refurbishment in 2021 and 2023. The Fitness equipment must be replaced due to age and end of life condition.	49,104	-
SHC	PRJ-2018172	River Bend Recreation Area - Preservation 2022+	This capital request represents the work required to address lifecycle maintenance of the City owned aging infrastructure.	-	130,023

Capital Budget Requests for 2021 and 2022

Entity	Project	Project Title	Project Summary	2021	2022
SHC	PRJ-2020001	Golden Circle Preservation 2022+	This capital sheet represents the assets scheduled for replacement or major repair as per the Department's 10 Year Infrastructure and Maintenance Plan. The building is owned by The City but operated through agreement by Circle of Red Deer Seniors Society.	-	41,943
SHC	PRJ-2020002	Red Deer Museum and Art Gallery - Preservation 2021	This capital budget request represents the assets scheduled for replacement or major repair. A roofing assessment of the building completed in 2019 identified a section of the roof that requires replacement in 2021.	117,645	-
SHC	PRJ-2020003	Cronquist House Preservation 2022+	A life cycle assessment of the building was completed in 2017 outlining the asset replacement and major repairs required over the next 10 years. This information has been built into the 10 Year Capital and Infrastructure Maintenance Plan and the capital budget represents the scheduled replacements or major repairs as per the Plan. As the Cronquist House is a designated Municipal Historic Resource, The City is eligible to apply for matching grant funding to a maximum of \$50,000 per year from the Alberta Historic Resources Foundation.	-	161,481
SHC	PRJ-2020064	Downtown Washrooms	This request is for additional public washrooms in the downtown.	511,500	-
SHC	PRJ-2021051	Collicutt Centre Preservation 2021	This capital budget request represents the assets scheduled for replacement or major repair as per the departments 10 Year Infrastructure and Maintenance Plan. Roof remediation for the fieldhouse in 2021 is a high priority following inspections in 2019.	2,945,217	-

Capital Budget Requests for 2021 and 2022

Entity	Project	Project Title	Project Summary	2021	2022
SHC	PRJ-2021052	Community Activity Centres - Preservation 2021	Pioneer Lodge is the oldest and most unique community activity centre which requires specific and timely maintenance to preserve the life of the logs. Replacement of skate-friendly flooring to replace the current asphalt planking (which has been discontinued) will be required in all existing Activity Centres to be completed over 5 years (2025-2029).	61,380	-
SHC	PRJ-2021053	Facility Condition and Lifecycle Assessments 2021	Community Services is responsible for the operations and maintenance of approximately 115 various facilities throughout the City. An essential component of the maintenance of these assets is to regularly conduct inspections, assess the current condition, and project future repairs and maintenance requirements for these facilities.	20,460	-
SHC	PRJ-2021054	Festival Hall Preservation 2021	The roof is shared with the Memorial Center and the capital costs for the roof repair reflect 50% of the estimated costs for the entire roof. Replacement of the commercial sink and traps is also required due to age and end of life-cycle.	99,231	-
SHC	PRJ-2021055	Golden Circle Preservation 2021	This capital sheet represents the assets scheduled for replacement or major repair as per the Department's 10 Year Infrastructure and Maintenance Plan. The building is owned by The City but operated through agreement by Circle of Red Deer Seniors Society.	40,920	-
SHC	PRJ-2021057	Heritage Ranch/Waskasoo Special Gathering Places - Preservation 2021	This capital sheet represents the assets scheduled for replacement or major repair as per the 10 year Infrastructure Maintenance Plan.	838,860	-
SHC	PRJ-2021059	Heritage Square Preservation 2021	This capital request is reflective of the major restoration work for the three of the four replica City owned heritage structures with some minor repairs to the logs on the School House in 2021.	45,012	-
SHC	PRJ-2021064	SHC Infrastructure Maintenance 2021	This capital request is to replace or repair unanticipated infrastructure failures throughout the year.	249,612	-

Capital Budget Requests for 2021 and 2022

Entity	Project	Project Title	Project Summary	2021	2022
SHC	PRJ-2021066	J. J. Gaetz House Preservation 2021	A facility condition and assessment will be conducted in 2021 followed by priority repairs to maintain the building. Future use of the building is yet to be determined.	108,438	-
SHC	PRJ-2021070	Memorial Centre Preservation 2021	The Memorial Centre roof is shared with Festival Hall and the capital costs for the roof repair reflect 50% of the estimated costs for the entire roof.	98,208	-
SHC	PRJ-2021071	Michener Aquatic Centre - Preservation 2021	Pool lighting levels do not meet the Alberta Building Code requirement of 215 lux at both the surface of the pool(s) and areas around the pool deck. This is a safety item that needs to be addressed by upgrading the natatorium lighting to meet building code.	63,426	-
SHC	PRJ-2021075	River Bend Recreation Area - Preservation 2021	This capital request represents the work required to address lifecycle maintenance of the City owned aging infrastructure.	220,968	-
SHC	PRJ-2021083	2021 Facility Management - Civic Yards, Leased Buildings & ES	The City has a preventative maintenance program to ensure buildings are maintained and safe. Funding of this program also supports leasehold improvements as items reach their full lifecycle or are modified to increase safety, efficiency, and function.	1,232,716	-
SHC	PRJ-61430	GH Dawe Community Center Project 2021	The project will include: retrofit of existing ice surface to meet NHL standards, replacement of the Kinex ice surface with the twin of the arena, repurposing of existing site and facility such as street access off of 67 Street, north side parking and building access, and an outdoor spray park.	17,367,471	18,158,173
TRN	PRJ-2020071	2021 Fleet Growth - Tax Supported	This capital request reflects fleet units that will be purchased by tax supported departments in service to ongoing work plans.	199,501	-
TRN	PRJ-2020083	2021 Fleet Growth - Utility/Self-Supported	This capital request reflects fleet units that will be purchased by utility/self-supported departments in service to ongoing work plans.	819,000	-

Capital Budget Requests for 2021 and 2022

Entity	Project	Project Title	Project Summary	2021	2022
TRN	PRJ-2020087	2018 Fleet Replacement - Supplemental Right Typing Funds (2021)	Incremental funds are required as part of scope changes to fleet units that have been previously been approved for replacement. This is to meet the changes in our operational requirements and maintain our level of service.	78,750	-
TRN	PRJ-2020094	2022 Fleet Replacement Vehicles	This project funds the replacement of existing fleet vehicles at the end of their life cycle. This request also includes \$35,000 additional funds required for supplemental right typing in order to support Roads to gain operational efficiencies.	-	6,213,690
TRN	PRJ-2021076	2021 Fleet/Garage Shop Equipment	This capital sheet is an annual request to replace and add large shop equipment or specialized tools to maintain fleet vehicles.	265,980	-
TRN	PRJ-2021082	2022 Fleet/Garage Shop Equipment	Administration needs to replace and add shop equipment or specialized tools to the garage to continue our ongoing maintenance programs.	-	85,983
TRN	PRJ-2021088	2022 Fleet Growth - Tax Supported	This capital request reflects fleet units that will be purchased by tax supported departments in service to ongoing work plans.	-	121,275
TRN	PRJ-2021089	2021 Fleet Replacement Vehicles	This capital request reflects fleet units that have reached the end of their lifecycle and need to be replaced to provide reliable service. Fleet units vary in their useful life based on the type of the fleet unit and its utilization profile. Fleet vehicles life cycles can range from 5 and 30 years with the majority reaching end of life around year 10.	2,811,900	-
		Total Capital Budget		157,464,896	131,112,597