



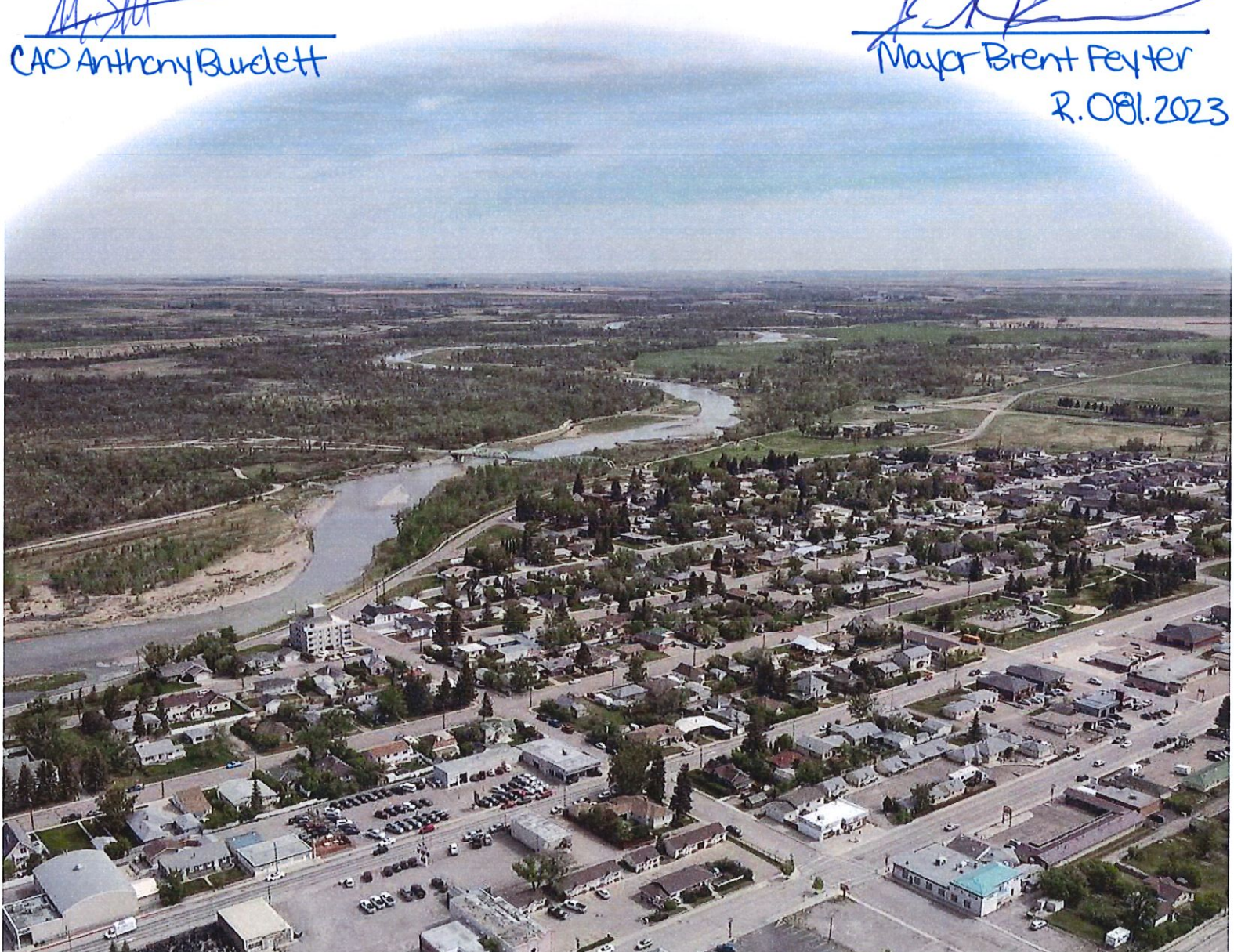
Town of
Fort Macleod

2023 Capital Budget

Amended on March 8th, 2023


CAO Anthony Burdett


Mayor Brent Feyter
R. 081. 2023



EXECUTIVE SUMMARY

As outlined herein, the total value of all capital budget items proposed for 2023 is **\$5,822,000.00**.

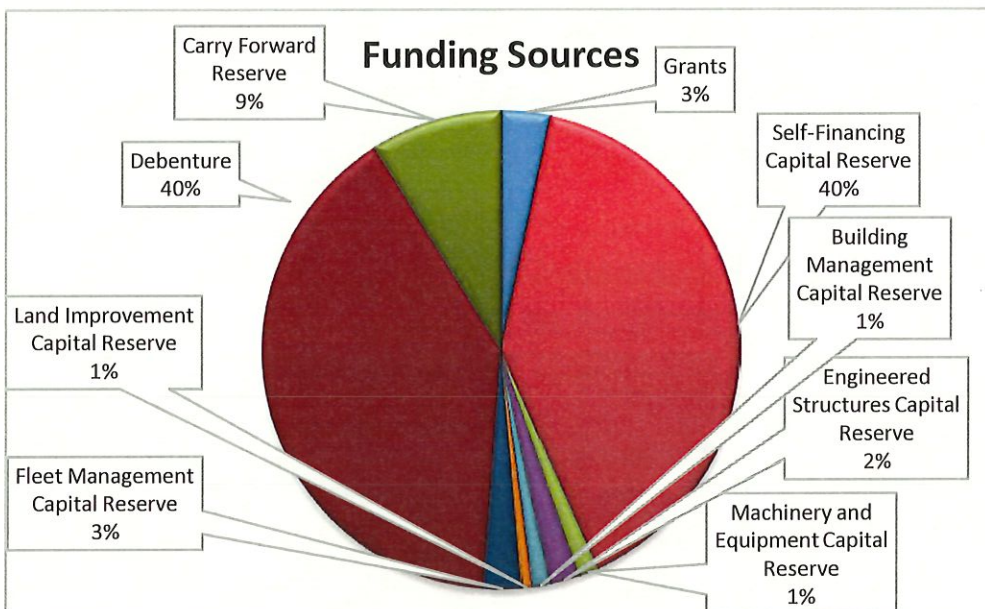
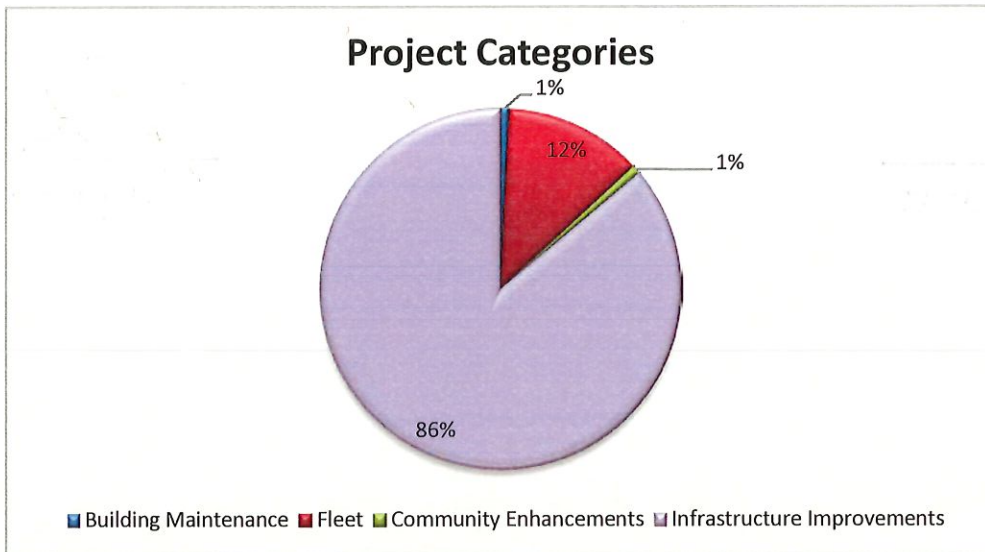
The capital budget expenditures can be summarized as follows:

Large Capital Projects (80% of total)

Macleod Landing Phase 1A/1B = \$6,221,000.00

Small Capital Projects (20% of total)

Equipment purchases, yearly maintenance, upgrades, etc. = \$1,557,000.00



FUNDING SOURCES

Provincial and Federal grants are available each year to assist the municipality to fund major infrastructure projects. Council has additional options to consider such as reserves and tax or reserve funding. The following is a brief explanation of capital project funding source options.

ALBERTA WASTER/WASTEWATER PARTNERSHIP (AMWWP)

Applies to Cities (under 45,000 population), Towns, Villages, Summer Villages, Regional Commissions and eligible hamlets within Rural Municipalities.

Provides financial assistance for municipal water supply/treatment and wastewater treatment/disposal projects. Accepted projects receive grants as a percentage of project costs. Percentages are calculated with a population-based formula.

CANADA COMMUNITY BUILDING FUND (CCBF - FORMERLY FGTF)

Each year, the CCBF assists municipalities by providing funding for local infrastructure projects. Funding is provided to the Province, who in turn flows this funding to the municipality. This program has been legislated as a permanent source of Federal infrastructure funding for municipalities. The program is broad-based and allows municipalities to use the funding toward a wide range of projects to meet local priorities.

MUNICIPAL SUSTAINABILITY INITIATIVE (MSI)

Municipalities in Alberta are eligible for funding under the MSI program based on the terms set out in long-term funding agreements with the Province. Municipalities determine projects and activities to be funded based on local priorities within the general criteria set out in the program guidelines and are encouraged to take a long-term approach to planning for capital projects.

MUNICIPAL STIMULUS GRANT (MSG)

The Municipal Stimulus Program is a part of the Alberta Recovery Plan and is designed to distribute stimulus funding quickly and equitably across the province to support local jobs and stimulate the economy. Funding is allocated using the same formula as the Federal Gas Tax Fund. Eligible projects must begin construction in 2020 or 2021 and all funds must be expended before December 31, 2021.

BASIC MUNICIPAL TRANSPORTATION GRANT (BMTG)

The BMTG provides financial assistance for developing and maintaining capital transportation infrastructure requirements, promoting economic growth, and improving quality of community life. This program provides annual allocation-based funding for capital construction and rehabilitation of local transportation infrastructure including roads, bridges, and public transit.

All Alberta cities, towns, villages, summer villages, counties and municipal districts, specialized municipalities, Metis Settlements, and the Special Areas are eligible for this grant.

CAPITAL RESERVES

As a means of solid financial planning, Council has created a number of special reserve funds to address both future operational and especially, capital resource needs. These funds address new acquisition and replacement but have general restrictions on use. Through the budget process, the Town will designate funds that have been internally restricted to finance those projects for which the funds have been earmarked.

COMMUNITY FACILITY ENHANCEMENT PROGRAM

Town of Fort Macleod is not eligible for this program.
Only not for profit organizations are eligible.

CAPITAL PLAN	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast	2027 Forecast
AMWWP	\$ -	\$ -	\$ -	\$ -	\$ -
CCBF (formerly Federal Gas Tax Fund)	\$ 90,000.00	\$ 90,000.00	\$ 90,000.00	\$ 90,000.00	\$ 100,000.00
MSI	\$ -	\$ -	\$ -	\$ -	\$ -
Municipal Stimulus Grant	\$ -	\$ -	\$ -	\$ -	\$ -
BMTG	\$ 170,000.00	\$ 170,000.00	\$ 170,000.00	\$ 170,000.00	\$ 190,000.00
Debuture	\$ 3,110,500.00	\$ -	\$ -	\$ -	\$ -
Self-Financing Capital Reserve	\$ 3,110,500.00	\$ -	\$ -	\$ -	\$ -
Machinery and Equipment Capital Reserve	\$ 105,000.00	\$ 65,500.00	\$ 272,000.00	\$ 121,500.00	\$ 15,000.00
Engineered Structures Capital Reserve	\$ 155,000.00	\$ 100,000.00	\$ 250,000.00	\$ 5,600,000.00	\$ 2,610,000.00
Building Management Capital Reserve	\$ 92,000.00	\$ 390,000.00	\$ 1,137,000.00	\$ 15,000.00	\$ -
Land Improvement Capital Reserve	\$ 60,000.00	\$ 310,000.00	\$ 430,000.00	\$ 60,000.00	\$ 60,000.00
Fleet Management Capital Reserve	\$ 195,000.00	\$ 55,000.00	\$ 155,000.00	\$ 45,000.00	\$ -
Cost Recovery	\$ -	\$ -	\$ -	\$ -	\$ -
Land Sales	\$ -	\$ -	\$ -	\$ -	\$ -
Local Improvement Tax	\$ -	\$ -	\$ -	\$ -	\$ -
Community Facility Enhancement Program (Matching)	\$ -	\$ -	\$ -	\$ -	\$ -
Previously Funded	\$ -	\$ -	\$ -	\$ -	\$ -
Carry Forward Reserve	\$ 690,000.00	\$ -	\$ 75,000.00	\$ -	\$ -
Total:	\$ 7,778,000.00	\$ 1,180,500.00	\$ 2,579,000.00	\$ 6,101,500.00	\$ 2,975,000.00
WATER/SEWER/PLANTS					
Portable Generator Set	\$ -	\$ -	\$ 250,000.00	\$ -	\$ -
Wastewater Treatment Plant - Blower Piping Reconfiguration	\$ -	\$ 30,000.00	\$ -	\$ -	\$ -
Wastewater Treatment Plant - Water Reuse Line	\$ -	\$ -	\$ -	\$ 40,000.00	\$ -
3rd Ave Stormwater Outfall Repair	\$ -	\$ -	\$ -	\$ 1,400,000.00	\$ -
Subtotal:	\$ -	\$ 30,000.00	\$ 250,000.00	\$ 1,440,000.00	\$ -
PUBLIC WORKS					
Sidewalk Replacement - Annual	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 60,000.00
Relining of Wastewater Mains - Annual (FGTF)	\$ 90,000.00	\$ 90,000.00	\$ 90,000.00	\$ 90,000.00	\$ 100,000.00
Asphalt Overlay Program - Annual	\$ 120,000.00	\$ 120,000.00	\$ 120,000.00	\$ 120,000.00	\$ 130,000.00
Gravel Road Pavement Upgrade Program - Annual	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 110,000.00
Airport Hangar Lots - Road & Waterline Construction	\$ 55,000.00	\$ -	\$ -	\$ -	\$ -
Main St and 6th Ave Revitalization	\$ -	\$ -	\$ 220,000.00	\$ -	\$ -
CP Rail Crossing Concrete Surface Upgrade - 5th Avenue	\$ -	\$ -	\$ 150,000.00	\$ -	\$ -
Subtotal:	\$ 415,000.00	\$ 360,000.00	\$ 730,000.00	\$ 360,000.00	\$ 400,000.00
FACILITIES/RECREATION					
Riding Mower Replacement 3 Year Cycle	\$ 10,000.00	\$ 15,000.00	\$ 22,000.00	\$ 15,000.00	\$ 15,000.00
Outdoor Pool Washroom Renovation (consolidated with arena dred)	\$ -	\$ 270,000.00	\$ -	\$ -	\$ -
Library Roof Replacement - deferred to 2025	\$ -	\$ -	\$ 75,000.00	\$ -	\$ -
Arena Flooring and Headers	\$ -	\$ -	\$ 1,000,000.00	\$ -	\$ -
Arena Compressor Replacement	\$ -	\$ 100,000.00	\$ -	\$ -	\$ -
Arena Plant Drive Motor	\$ 7,000.00	\$ -	\$ -	\$ -	\$ -
Curling Rink Condenser Replacement	\$ -	\$ -	\$ -	\$ 15,000.00	\$ -
Curling Rink Chiller Replacement	\$ -	\$ 20,000.00	\$ -	\$ -	\$ -
Curling Rink Brine Pump	\$ -	\$ -	\$ 12,000.00	\$ -	\$ -
Curling Rink Compressor Replacement	\$ 10,000.00	\$ -	\$ -	\$ -	\$ -
Centennial Park Walkway Lighting (previously approved in 2022)	\$ 45,000.00	\$ -	\$ -	\$ -	\$ -
Underground Sprinklers - Diamonds 1, 2 & 3, Westwind's Park	\$ -	\$ 250,000.00	\$ -	\$ -	\$ -
New Soccer Fields	\$ -	\$ -	\$ 150,000.00	\$ -	\$ -
Downtown Public Bathroom (Portland Loo)	\$ -	\$ -	\$ 125,000.00	\$ -	\$ -
Community Hall Air Conditioner Replacement	\$ 75,000.00	\$ -	\$ -	\$ -	\$ -
Pathway Construction	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00
Subtotal:	\$ 207,000.00	\$ 715,000.00	\$ 1,444,000.00	\$ 90,000.00	\$ 75,000.00
EQUIPMENT					
Skid Steer Replacement Program - Public Works	\$ -	\$ 11,500.00	\$ -	\$ 11,500.00	\$ -
Backhoe Replacement (net of trade in)	\$ -	\$ -	\$ -	\$ 55,000.00	\$ -
Administration - Council Laptop Replacement (7)	\$ -	\$ -	\$ -	\$ -	\$ -
Firefighter SCBA Kits (10 kits) - deferred to 2023	\$ 95,000.00	\$ -	\$ -	\$ -	\$ -
Line Painting Machine	\$ 15,000.00	\$ -	\$ -	\$ -	\$ -
Dump Trailer (10-12ft) - Parks and Rec	\$ 14,000.00	\$ -	\$ -	\$ -	\$ -
Power Turf Sweeper	\$ -	\$ 9,000.00	\$ -	\$ -	\$ -
Skid Steer - Parks and Rec	\$ 66,000.00	\$ -	\$ -	\$ -	\$ -
Subtotal:	\$ 190,000.00	\$ 20,500.00	\$ -	\$ 66,500.00	\$ -

CAPITAL PLAN	2023 Forecast	2024 Forecast	2025 Forecast	2026 Forecast	2027 Forecast
FLEET					
Replace 3-Ton Gravel Truck with Tandem (Net of trade in - PW)	\$ 150,000.00	\$ -	\$ -	\$ -	\$ -
Replace 3-Ton Gravel Truck with new 3-Ton (Net of trade in - PW)	\$ -	\$ -	\$ 100,000.00	\$ -	\$ -
Fire Pumper #2 Replacement (carry forward to 2023)	\$ 550,000.00	\$ -	\$ -	\$ -	\$ -
Public Works 3/4 Ton Truck 4WD	\$ -	\$ 55,000.00	\$ -	\$ -	\$ -
Facilities 3/4 Ton Truck 4WD	\$ -	\$ -	\$ -	\$ 45,000.00	\$ -
Facilities 1/2 Ton Truck 4WD	\$ 45,000.00	\$ -	\$ -	\$ -	\$ -
Plants 3/4 Ton Truck 4WD	\$ -	\$ -	\$ 55,000.00	\$ -	\$ -
Subtotal:	\$ 745,000.00	\$ 55,000.00	\$ 155,000.00	\$ 45,000.00	\$ -
INFRASTRUCTURE IMPROVEMENTS					
Engineering and Construction - 29th St east of 8th Ave Residential Lot Development (underground and surface works)	\$ -	\$ -	\$ -	\$ -	\$ 2,500,000.00
Construction - 10th St from 1st Ave to 5th Ave (underground and surface works)	\$ -	\$ -	\$ -	\$ 4,100,000.00	\$ -
Engineering and Construction - Macleod Landing Phase 1A/1B (underground and surface works)	\$ 6,221,000.00	\$ -	\$ -	\$ -	\$ -
Subtotal:	\$ 6,221,000.00	\$ -	\$ -	\$ 4,100,000.00	\$ 2,500,000.00
Grand Total:	\$ 7,778,000.00	\$ 1,180,500.00	\$ 2,579,000.00	\$ 6,101,500.00	\$ 2,975,000.00

PUBLIC WORKS

Sidewalk Replacement Program

Project	Annual sidewalk replacement
Project Cost	\$50,000.00
Funding Sources	Basic Municipal Transportation Grant - \$50,000.00
Project Description	<p>Each year, Public Works will inspect and identify sections of sidewalks that require replacement.</p> <p>Consideration is given to the level of deterioration of the sidewalk, pedestrian safety, and level of impediment to snow clearing equipment.</p>

Wastewater Mains Relining Program

Project	Annual wastewater mains relining program
Project Cost	\$90,000.00
Funding Sources	CCBF (formerly Federal Gas Tax Fund) - \$90,000.00
Project Description	<p>As in previous years, the application of cured-in-place epoxy resin will extend the life of old wastewater mains by approximately fifty years.</p> <p>The product used is the InsituMain® System. It is a cured-in-place pipe (CIPP) pipe product with a non-disruptive installation process.</p> <p>Relining program targets three blocks of wastewater mains to be relined each year. This trenchless process provides minimal disruption to adjacent infrastructure.</p>

Asphalt Overlay Program

Project	Annual repaving program
Project Cost	\$120,000.00
Funding Sources	Basic Municipal Transportation Grant - \$120,000.00
Project Description	<p>Each year, Public Works will inspect and identify sections of avenues and streets that require repaving.</p> <p>Consideration is given to the level of deterioration of the road surface, pedestrian and motorist safety and level of impediment to Town maintenance activities.</p>

Gravel Road Pavement Upgrade Program

Project	Annual gravel road pavement upgrade program
Project Cost	\$100,000.00
Funding Sources	Engineered Structures Capital Reserve - \$100,000.00
Project Description	Each year, Public Works will inspect and identify sections gravel roads that would be suitable candidates for an asphalt overlay. Consideration is given to condition of the subgrade, stormwater management, level of service, and existing maintenance requirements.

Airport Hangar Lots

Project	New gravel road and waterline installation
Project Cost	\$55,000.00
Funding Sources	Engineered Structures Capital Reserve - \$55,000.00
Project Description	<p>With the recent sale listing of Town airport lots, we must provide access to each lot and a waterline to service the properties. All work to be completed in house with the exception of a hot tap.</p> <p>This work was previously included in the 2023 provisional operating budget, however must be capitalized. Hence the addition to the capital budget.</p>

PARKS & FACILITIES**Riding Mower Replacement Program**

Project	Annual Replacement of Riding Mowers
Project Cost	\$10,000.00
Funding Sources	Machinery and Equipment Capital Reserve - \$10,000.00
Project Description	<p>Parks has four diesel engine mowers (2 - 1550 John Deere's, 2 - Z997R John Deere's) and the Cemetery has one gas engine mower (1- Z915B John Deere).</p> <p>Every year, one diesel engine mower is traded in. Every third year, the cemetery gas mower is also traded in. This year, the Town will be trading in one diesel engine mower.</p>

Arena Plant Drive Motor

Project	Replacement of the ice plant drive motor
Project Cost	\$7,000.00
Funding Sources	Building Management Capital Reserve - \$7,000.00
Project Description	Given the age of the motor, number of hours, and maintenance that has been performed, the motor will be due for replacement in 2023.

Curling Rink Compressor Replacement

Project	Replacement of existing compressor
Project Cost	\$10,000.00
Funding Sources	Building Management Capital Reserve - \$10,000.00
Project Description	Conversion or replacement is required due to the age of the system and potential for ammonia leaks. The compressor is directly linked to the chiller.

Centennial Park Walkway Lighting

Project	Walkway Lighting Installation
Project Cost	\$45,000.00
Funding Sources	Carry Forward Capital Reserve - \$45,000.00
Project Description	<p>Scope of work is the installation of walkway lighting by Fortis of 12 lights at various locations around the Centennial Park. This estimate is based on the "Coach Streetlight" fixture selected from the Fortis catalogue, and is inclusive of the Fortis supply and install cost (\$36,000) with the Town performing all civil work (\$5000 material).</p> <p>A reduction in the number of lights is possible, which would result in a cost reduction of between 25-50% depending on the amount.</p>

Community Hall Air Conditioner Replacement

Project	Replacement of air conditioning unit
Project Cost	\$75,000.00
Funding Sources	Building Management Capital Reserve - \$75,000.00
Project Description	The existing air conditioner unit has reached its service life and suffers multiple breakdowns each season. The upgrade will tie both the air conditioner and furnace into a single system, to better increase heating/cooling efficiency and simplicity of overall operation.

Pathway Construction

Project	Construction or improvement of pathways
Project Cost	\$60,000.00
Funding Sources	Land Improvement Capital Reserve - \$60,000.00
Project Description	In conjunction with the Town's pathway master plan, the Parks & Facilities department will begin constructing new pathways. The bulk of this annual amount will be for material costs, with most of the work being done by in-house staff and equipment. This amount will also fund improvements to existing pathways as identified by the pathway master plan.

EQUIPMENT & FLEET**Firefighter Equipment Replacement**

Project	Firefighter SCBA kits
Project Cost	\$95,000.00
Funding Sources	Carry Forward Reserve - \$95,000.00
Project Description	Replacement of the self-contained breathing apparatus (SCBA) for the fire department was previously approved in the 2021 capital budget, however it has been deferred to 2023.

Line Painting Machine

Project	Purchase of a 2-nozzle line painting machine
Project Cost	\$15,000.00
Funding Sources	Machinery and Equipment Capital Reserve - \$15,000.00
Project Description	<p>Currently Public Works completes considerable pavement marking around the Town, consisting of approximately 1.8 km of crosswalks and stop bars, in addition to 2.0 km of curb marking. This work is completed with a manual sprayer and wooden templates, currently taking approximately 5 weeks to complete. The current machine and templates also require extensive maintenance and cleanup.</p> <p>Utilization of a walk behind 2-nozzle sprayer will cut the time spent in half and reduce maintenance requirements.</p>

Dump Trailer

Project	Purchase of a dump trailer – parks and recreation
Project Cost	\$14,000.00
Funding Sources	Machinery and Equipment Capital Reserve - \$14,000.00
Project Description	Purchase of a 10-12 ft dump trailer for addition to the parks and facilities department. Currently there are limited means of hauling equipment and material in the department. The smaller size will allow for greater maneuverability within recreational areas.

Gravel Truck Replacement

Project	Trade in 3-ton dump truck for a tandem unit
Project Cost	\$150,000.00
Funding Sources	Fleet Management Capital Reserve - \$150,000.00
Project Description	The 3-ton gravel truck is 17 years old and is undersized for the hauling public works is required to perform. Upgrading to a tandem dump truck would be exponentially more efficient. The intent is to phase out the 3-ton trucks in the department in favor of larger units.

Fire Pumper #2 Replacement

Project	Replace pumper #2
Project Cost	\$550,000.00
Funding Sources	Carry Forward Reserve - \$550,000.00
Project Description	A replacement unit was approved in the 2022 capital budget. The Town has since initiated an order for the pumper, however due to manufacturing timelines, it will only be complete in late 2023, hence the carried forward amount.

Facilities ½ Ton Truck Replacement

Project	Replacement of facilities ½ ton truck
Project Cost	\$45,000.00
Funding Sources	Fleet Management Capital Reserve - \$45,000.00
Project Description	The facilities fleet is aging, with multiple trucks reaching the end of their life and in poor mechanical condition. A new replacement truck would facilitate shifting an existing truck down the line for the seasonal staff.

Skid Steer Purchase

Project	Purchase of a skid steer – parks and facilities
Project Cost	\$66,000.00
Funding Sources	Machinery and Equipment Capital Reserve - \$66,000.00
Project Description	<p>Currently, the Town operates a single skid steer in the public works department. Being the most widely used piece of equipment in the department, scheduling conflicts occur when it is required by other departments for their projects. In 2022, a skid steer was rented for 3 days as a result of scheduling issues.</p> <p>Given the Town’s recent increase in staff capacity, this department will be completing greater projects and increasing its level of service at existing facilities. A second skid steer is instrumental for this goal.</p> <p>Annual usage of the skid steer is estimated between 150-200 hrs/year, as follows:</p> <ul style="list-style-type: none"> - Snow removal program: clearing is currently split between public works (i.e. parking lots and sidewalks) and facilities (i.e. doorways and some sidewalks). The intent is to increase efficiency where facilities would handle all Town owned facility clearing functions, including doorways, sidewalks, parking lots and salt spreading. Public works would be free to focus on roadways. - Major projects requiring extensive skid steer use: pathway development and maintenance, top dressing dog park/other green spaces, holy cross cemetery improvements, and general landscaping. - Daily usage: rough cut mowing, dethatching and removal of grass clippings (sweeping bucket), sweeping and cleaning of parking lots and select roadways, irrigation repairs/new service installation (trencher), post installation (auger), loading and unloading material, chemical handling at pool site, general site cleanup (grappling bucket), and lot grading areas where our grader is too large. <p>The intent with this machine is to keep it for at least 8-10 years, as opposed to participating in a trade-in program.</p>

INFRASTRUCTURE IMPROVEMENTS

Engineering & Construction: Macleod Landing Phase 1A/1B

Project	Macleod Landing Phase 1A/1B Development
Project Cost	\$6,221,000.00
Funding Sources	Debenture - \$3,110,500.00 Self-financing Capital Reserve - \$3,110,500.00
Project Description	<p>The Town has experienced growth in all sectors over the last few years, leading to a housing crunch in the community. Phase 1A/1B would greatly assist with addressing those needs. As per the Macleod Landing Area Structure Plan, Phase 1A/1B offers a mix of commercial, single family residential and multi-family residential development opportunities.</p> <p>When conducting a cost analysis of the project, Administration has determined that the return on investment would be favourable for the Town to proceed with this project.</p>

