



Fort Macleod

2024 Capital Budget



EXECUTIVE SUMMARY

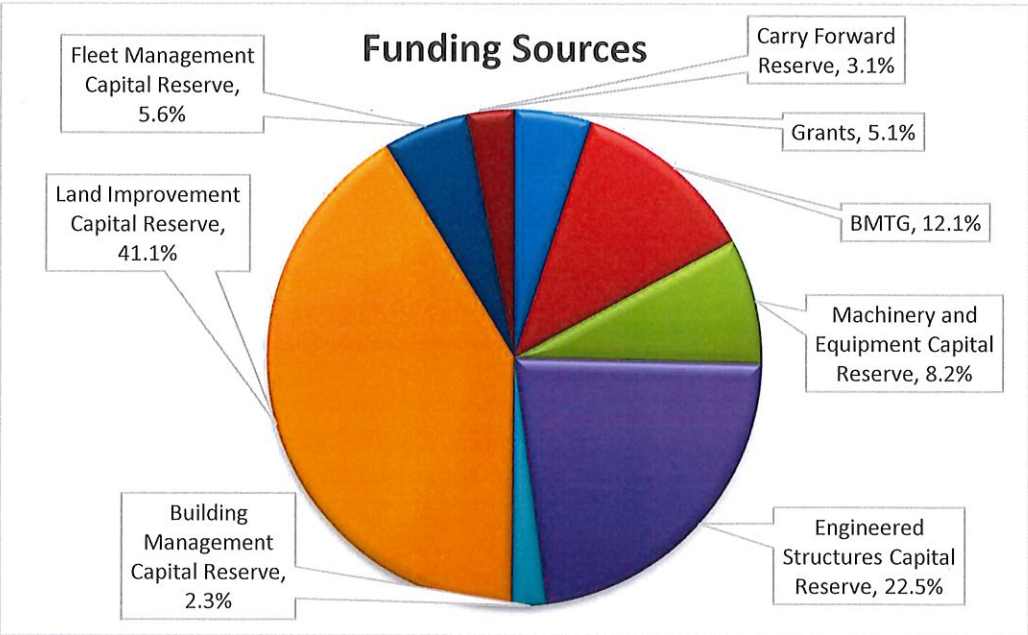
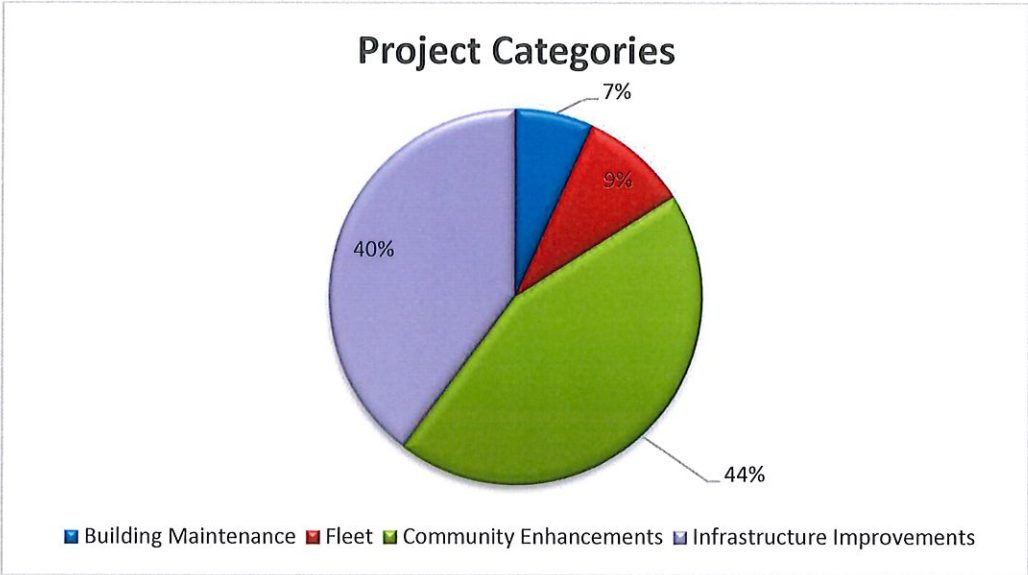
As outlined herein, the total value of all capital budget items proposed for 2024 is **\$1,306,000.00**.
The capital budget expenditures can be summarized as follows:

Large Capital Projects (31% of total)

Infrastructure projects = \$400,000.00

Small Capital Projects (69% of total)

Equipment purchases, yearly maintenance, upgrades, etc. = \$906,000.00



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 several 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	2024 Forecast	2025 Forecast	2026 Forecast	2027 Forecast	2028 Forecast
AMWWP	\$ -	\$ -	\$ -	\$ -	\$ -
CCBF (formerly Federal Gas Tax Fund)	\$ 90,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00
MSI	\$ -	\$ -	\$ -	\$ -	\$ -
Municipal Stimulus Grant	\$ -	\$ -	\$ -	\$ -	\$ -
BMTG	\$ 215,000.00	\$ 215,000.00	\$ 215,000.00	\$ 215,000.00	\$ 215,000.00
Debenture	\$ -	\$ -	\$ -	\$ -	\$ -
Self-Financing Capital Reserve	\$ -	\$ -	\$ -	\$ -	\$ -
Machinery and Equipment Capital Reserve	\$ 146,000.00	\$ 272,000.00	\$ 121,500.00	\$ 15,000.00	\$ 133,500.00
Engineered Structures Capital Reserve	\$ 200,000.00	\$ 400,000.00	\$ 6,070,000.00	\$ 200,000.00	\$ 255,000.00
Building Management Capital Reserve	\$ 40,000.00	\$ 1,248,531.00	\$ 590,000.00	\$ -	\$ 70,000.00
Land Improvement Capital Reserve	\$ 460,000.00	\$ 480,000.00	\$ 210,000.00	\$ 60,000.00	\$ 560,000.00
Fleet Management Capital Reserve	\$ 100,000.00	\$ 200,000.00	\$ -	\$ -	\$ -
Cost Recovery	\$ -	\$ -	\$ -	\$ -	\$ -
Land Sales	\$ -	\$ -	\$ -	\$ -	\$ -
Local Improvement Tax	\$ -	\$ -	\$ -	\$ -	\$ -
Community Facility Enhancement Program (Matching)	\$ -	\$ -	\$ -	\$ -	\$ -
Previously Funded	\$ -	\$ -	\$ -	\$ -	\$ -
Carry Forward Reserve	\$ 55,000.00	\$ -	\$ -	\$ 75,000.00	\$ -
Total:	\$ 1,306,000.00	\$ 2,915,531.00	\$ 7,306,500.00	\$ 665,000.00	\$ 1,333,500.00
WATER/SEWER/PLANTS					
Portable Generator Set	\$ -	\$ 250,000.00	\$ -	\$ -	\$ -
SCADA System Upgrades	\$ 80,000.00	\$ -	\$ -	\$ -	\$ -
Wastewater Treatment Plant - Water Reuse Line	\$ -	\$ -	\$ 40,000.00	\$ -	\$ -
3rd Ave Stormwater Outfall Repair	\$ -	\$ -	\$ 1,400,000.00	\$ -	\$ -
Subtotal:	\$ 80,000.00	\$ 250,000.00	\$ 1,440,000.00	\$ -	\$ -
PUBLIC WORKS					
Sidewalk Replacement - Annual	\$ 65,000.00	\$ 65,000.00	\$ 65,000.00	\$ 65,000.00	\$ 65,000.00
Relining of Wastewater Mains - Annual (FGTF)	\$ 90,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00
Asphalt Overlay Program - Annual	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00
Gravel Road Pavement Upgrade Program - Annual	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00
Airport Hangar Lots - Road & Waterline Construction (deferred from 2023)	\$ 55,000.00	\$ -	\$ -	\$ -	\$ -
Main St and 6th Ave Revitalization	\$ -	\$ 150,000.00	\$ -	\$ -	\$ -
Upgrade 8th Ave and 14th St north of 12 St adjacent to Auction Market and New UFA (contingent on Hwy bypass development)	\$ -	\$ -	\$ -	\$ -	\$ 500,000.00
CP Rail Crossing Concrete Surface Upgrade - 5th Avenue	\$ -	\$ -	\$ 150,000.00	\$ -	\$ -
Subtotal:	\$ 560,000.00	\$ 665,000.00	\$ 665,000.00	\$ 515,000.00	\$ 1,015,000.00
FACILITIES/RECREATION					
Riding Mower Replacement 3 Year Cycle	\$ 15,000.00	\$ 22,000.00	\$ 15,000.00	\$ 15,000.00	\$ 22,000.00
Outdoor Pool Washroom Renovation (consolidated with arena dressing rooms)	\$ -	\$ -	\$ 450,000.00	\$ -	\$ -
Empress Theater Floor, Seats and Bathroom Renovation (contingent on grants)	\$ -	\$ 236,531.00	\$ -	\$ -	\$ -
Library Roof Replacement	\$ -	\$ -	\$ -	\$ 75,000.00	\$ -
Arena Flooring and Headers (dependent on GICB grant)	\$ -	\$ 1,000,000.00	\$ -	\$ -	\$ -
Arena Condenser Replacement	\$ -	\$ -	\$ -	\$ -	\$ 70,000.00
Curling Rink Condenser Replacement	\$ -	\$ -	\$ 15,000.00	\$ -	\$ -
Curling Rink Chiller Replacement	\$ 40,000.00	\$ -	\$ -	\$ -	\$ -
Curling Rink Brine Pump	\$ -	\$ 12,000.00	\$ -	\$ -	\$ -
Underground Sprinklers - Diamonds 1, 2 & 3, Westwind's Park	\$ -	\$ 270,000.00	\$ -	\$ -	\$ -
New Soccer Fields	\$ -	\$ -	\$ 150,000.00	\$ -	\$ -
Downtown Public Bathroom (Portland Loo)	\$ -	\$ -	\$ 125,000.00	\$ -	\$ -
150 Park (9th St and 4th Ave) - Phase 1	\$ 400,000.00	\$ -	\$ -	\$ -	\$ -
Pathway Construction	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00
Subtotal:	\$ 515,000.00	\$ 1,600,531.00	\$ 815,000.00	\$ 150,000.00	\$ 152,000.00
EQUIPMENT					
Skid Steer Replacement Program - Public Works	\$ 30,000.00	\$ -	\$ 11,500.00	\$ -	\$ 11,500.00
Backhoe Replacement (net of trade in)	\$ -	\$ -	\$ 55,000.00	\$ -	\$ -
Loader (net of trade in) - Public Works	\$ -	\$ -	\$ -	\$ -	\$ 100,000.00
Administration - Office Computer Replacement	\$ 12,000.00	\$ -	\$ -	\$ -	\$ -
Power Turf Sweeper	\$ 9,000.00	\$ -	\$ -	\$ -	\$ -
Subtotal:	\$ 51,000.00	\$ -	\$ 66,500.00	\$ -	\$ 111,500.00

FLEET					
Replace 3-Ton Gravel Truck with new 3-Ton (Net of trade in - PW)	\$ -	\$ 100,000.00	\$ -	\$ -	\$ -
Public Works 3/4 Ton Truck 4WD	\$ 60,000.00	\$ -	\$ -	\$ -	\$ -
Facilities 3/4 Ton Truck 4WD	\$ -	\$ 45,000.00	\$ -	\$ -	\$ -
Bylaw 1/2 Ton Truck (trading-in existing Ford Interceptor)	\$ 40,000.00	\$ -	\$ -	\$ -	\$ -
Plants 3/4 Ton Truck 4WD	\$ -	\$ 55,000.00	\$ -	\$ -	\$ -
Subtotal:	\$ 100,000.00	\$ 200,000.00	\$ -	\$ -	\$ -
INFRASTRUCTURE IMPROVEMENTS					
Engineering and Construction - Sanitary sewer behind Fort Motel between 4th Ave/5th Ave	\$ -	\$ 200,000.00	\$ -	\$ -	\$ -
Construction - 10th St from 1st Ave to 5th Ave (underground and surface works)	\$ -	\$ -	\$ 4,100,000.00	\$ -	\$ -
Engineering Detailed Design - 17th St from 1st Ave to 6th Ave (underground and surface works)	\$ -	\$ -	\$ -	\$ -	\$ 55,000.00
Engineering and Construction - 16th St from 1st Ave to 2nd Ave (sidewalks and surface works)	\$ -	\$ -	\$ 220,000.00	\$ -	\$ -
Subtotal:	\$ -	\$ 200,000.00	\$ 4,320,000.00	\$ -	\$ 55,000.00
Grand Total:	\$ 1,306,000.00	\$ 2,915,531.00	\$ 7,306,500.00	\$ 665,000.00	\$ 1,333,500.00

PLANTS

SCADA System Upgrades

Project	Upgrade of the existing SCADA system
Project Cost	\$80,000.00
Funding Sources	Machinery and Equipment Capital Reserve - \$80,000.00
Project Description	<p>The last SCADA computer replacement for the Town was completed in 2015. The recommended life cycle for SCADA computers is five years, which is in line with industry best practice as SCADA computers run 24/7 under constant albeit light workload.</p> <p>The current computers and software have outlived their expected service life. The SCADA computers are also using Windows 7, which is no longer supported by Microsoft. Not to mention the current system will no longer be compatible with the plant call out system, which can result in significant operational issues after hours.</p>

PUBLIC WORKS

Sidewalk Replacement Program

Project	Annual sidewalk replacement																				
Project Cost	\$65,000.00																				
Funding Sources	Basic Municipal Transportation Grant - \$65,000.00																				
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/type of deterioration, pedestrian safety, and level of impediment to snow clearing equipment.</p> <p>In response to rising material and labour costs, the 2024 budget request has increased from previous years. Below is a breakdown of the per m2 cost of sidewalk replacement over the last four years. As noted, over the last three years there has been a consistent increase in the per m2 cost, with a spike in 2023.</p> <table border="1" data-bbox="570 926 1365 1142"> <thead> <tr> <th>Year</th> <th>Budget</th> <th>Area Replaced (m2)</th> <th>Cost per m2</th> </tr> </thead> <tbody> <tr> <td>2020</td> <td>\$ 50,000.00</td> <td>245</td> <td>\$ 204.08</td> </tr> <tr> <td>2021</td> <td>\$ 50,000.00</td> <td>462</td> <td>\$ 108.23</td> </tr> <tr> <td>2022</td> <td>\$ 50,000.00</td> <td>334</td> <td>\$ 149.70</td> </tr> <tr> <td>2023</td> <td>\$ 50,000.00</td> <td>185</td> <td>\$ 270.27</td> </tr> </tbody> </table> <p>An increase to the annual program budget is crucial to ensure the Town can maintain a consistent level of service for our aging concrete infrastructure.</p>	Year	Budget	Area Replaced (m2)	Cost per m2	2020	\$ 50,000.00	245	\$ 204.08	2021	\$ 50,000.00	462	\$ 108.23	2022	\$ 50,000.00	334	\$ 149.70	2023	\$ 50,000.00	185	\$ 270.27
Year	Budget	Area Replaced (m2)	Cost per m2																		
2020	\$ 50,000.00	245	\$ 204.08																		
2021	\$ 50,000.00	462	\$ 108.23																		
2022	\$ 50,000.00	334	\$ 149.70																		
2023	\$ 50,000.00	185	\$ 270.27																		

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	\$150,000.00																				
Funding Sources	Basic Municipal Transportation Grant - \$150,000.00																				
Project Description	<p>Each year, Public Works will inspect and identify sections of avenues and streets that require resurfacing.</p> <p>Consideration is given to the level/type of deterioration, pedestrian and motorist safety and level of impediment to Town maintenance activities.</p> <p>Similar to the sidewalk program, asphalt material and labour costs have been consistently increasing. Below is a breakdown of the per m2 cost of asphalt resurfacing costs over the last four years. As noted, the last three years have seen a consistent increase in the per m2 cost, with a spike in 2023.</p> <table border="1"> <thead> <tr> <th>Year</th> <th>Budget</th> <th>Area Resurfaced (m2)</th> <th>Cost per m2</th> </tr> </thead> <tbody> <tr> <td>2020</td> <td>\$ 170,000.00</td> <td>8669</td> <td>\$ 19.61</td> </tr> <tr> <td>2021</td> <td>\$ 120,000.00</td> <td>7842</td> <td>\$ 15.30</td> </tr> <tr> <td>2022</td> <td>\$ 150,000.00</td> <td>6498</td> <td>\$ 23.08</td> </tr> <tr> <td>2023</td> <td>\$ 120,000.00</td> <td>4314</td> <td>\$ 27.82</td> </tr> </tbody> </table> <p>An increase to the annual program budget is crucial to ensure the Town can maintain a consistent level of service for our aging asphalt infrastructure.</p>	Year	Budget	Area Resurfaced (m2)	Cost per m2	2020	\$ 170,000.00	8669	\$ 19.61	2021	\$ 120,000.00	7842	\$ 15.30	2022	\$ 150,000.00	6498	\$ 23.08	2023	\$ 120,000.00	4314	\$ 27.82
Year	Budget	Area Resurfaced (m2)	Cost per m2																		
2020	\$ 170,000.00	8669	\$ 19.61																		
2021	\$ 120,000.00	7842	\$ 15.30																		
2022	\$ 150,000.00	6498	\$ 23.08																		
2023	\$ 120,000.00	4314	\$ 27.82																		

Gravel Road Pavement Upgrade Program

Project	Annual gravel road pavement upgrade program
Project Cost	\$200,000.00
Funding Sources	Engineered Structures Capital Reserve - \$200,000.00
Project Description	<p>Each year, Public Works will inspect and identify sections gravel roads that would be suitable candidates for an asphalt overlay. Consideration is given to the condition of the subgrade, stormwater management, level of service, and existing maintenance requirements.</p> <p>In 2023, the program's inaugural year, the Town was able to complete approximately 230m of paving. Given this program includes industrial roads, an increased road cross-section is required (typically 130mm of asphalt). In order to continue improving such roads, consideration of a budget increase is requested.</p>

Airport Hangar Lots

Project	New gravel road and waterline installation
Project Cost	\$55,000.00
Funding Sources	Carry Forward 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 project was not completed in 2023, therefore it is being carried forward into 2024.</p>

PARKS & FACILITIES

Riding Mower Replacement Program

Project	Annual Replacement of Riding Mowers
Project Cost	\$15,000.00
Funding Sources	Machinery and Equipment Capital Reserve - \$15,000.00
Project Description	<p>Parks has three diesel engine mowers (1 - 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>

Curling Rink Chiller Replacement

Project	Replacement of existing chiller
Project Cost	\$40,000.00
Funding Sources	Building Management Capital Reserve - \$40,000.00
Project Description	The chiller has reached its lifespan and requires replacement in order to avoid failure.

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 program will also fund improvements to existing pathways as identified by the pathway master plan.

“150 Park” Development

Project	Construction of a new park space along 9th St – Phase 1
Project Cost	\$400,000.00
Funding Sources	Land Improvement Capital Reserve - \$400,000.00
Project Description	<p>In consideration of the recent residential development along 9th Street, along with anticipated forecasted densities, the Town needs to invest in recreation opportunities in the area.</p> <p>At this time, the block of land along 9th St between 4th Ave and 5th Ave is available for a park or green space and is well situated between new and existing residents.</p> <p>The intent would be a phased approach for construction, with Phase 1 taking place next year. Final scope for this phase to be determined.</p>

EQUIPMENT & FLEET

Skid Steer Replacement Program

Project	Bi-Annual replacement of Skid Steer
Project Cost	\$30,000.00
Funding Sources	Machinery and Equipment Capital Reserve - \$30,000.00
Project Description	<p>As the skid steer is used almost daily, it is more cost efficient to trade in each year while its value is still high. A reduction in repair costs is also an advantage for regular replacement.</p> <p>There is an increase to this year's budget as skid steer pricing has increased significantly and the trade-in value of the current skid steer has decreased due to its age.</p>

Administration – Town Office Computer Replacement

Project	Computer hard drive replacements
Project Cost	\$12,000.00
Funding Sources	Machinery and Equipment Capital Reserve - \$12,000.00
Project Description	Fifteen (15) of the Town office computers are reaching their service life. Replacement is necessary to avoid technical issues and ensure compatibility with software requirements.

Power Turf Sweeper

Project	Purchase of a power sweeper attachment
Project Cost	\$9,000.00
Funding Sources	Machinery and Equipment Capital Reserve - \$9,000.00
Project Description	As an attachment for Town's tractor, a power sweeper will facilitate more efficient cleanup of trees and grass clipping at our parks and facilities. The sweeper would be included in the park maintenance cycle and is expected to be utilized on a bi-weekly basis, dependent on grass growth.

Public Works ¾ Ton Truck Replacement

Project	Replacement of a public works ¾ ton truck
Project Cost	\$60,000.00
Funding Sources	Fleet Management Capital Reserve - \$60,000.00
Project Description	The public works fleet is aging, with multiple trucks reaching the end of their life and in poor mechanical condition. A new truck would facilitate replacing an older vehicle.

Bylaw ½ Ton Truck

Project	Replacement of the bylaw vehicle
Project Cost	\$40,000.00
Funding Sources	Fleet Management Capital Reserve - \$40,000.00
Project Description	<p>The current bylaw vehicle is an SUV originally purchased for the CPO program. While it served its purpose for the CPO, it's not conducive to the activities handled by the bylaw department (i.e. hauling dogs, animal traps, etc.). Trading in the SUV for a truck with a bed will allow our Bylaw Officer to deal with larger items more effectively.</p> <p>The current SUV trade-in value is anticipated to be approximately \$10,000.</p>