

CITY OF COLD LAKE

2023 CAPITAL BUDGET SUMMARY

During the City's budget deliberations, over \$56.8 million of needed and desired infrastructure was considered. Most of the projects have been outlined in the multi-year capital plan. The 2023 Capital Budget approved \$23,308,000 of projects which shows a continued strong community infrastructure investment. The 2023 budget had to some restraint as three (3) large projects are coming to surface including Lakeshore Drive Redevelopment, Public Works Operations Centre, and the Cold Lake Regional Utility Services Commissions Waster Water Treatment Plant. These three (3) projects themselves total over 65 million dollars in investments.

The basis of the 2023 Capital Budget List includes and is subject to a confirmation of funding from I.D. 349. (CLAWR). Both the I.D. 349 and the MSI funding have been significantly reduced. There is also significant portion of the budget that is financed by debt (specifically related to facilities).

The capital budget outlines funding across various disciplines and initiatives for consideration.

- Fleet and Equipment Infrastructure \$1,287,000
- Environmental/Utility Infrastructure Improvements \$1,245,800
- Roadway Infrastructure Improvements \$8,180,200
- Facilities Infrastructure \$11,835,000
- IST Infrastructure \$60,000
- Recreation Infrastructure \$700,000

It should also be noted that in 2023, Council will need to pass a multi-year capital budget in accordance to the new municipal government act. The 2023 capital budget will have impacts to the capital budgets of 2023 and beyond.

To develop a better understanding of the capital budget list, the following provides a more detailed description of the projects in the various disciplines. It should be noted that not all projects listed in the spreadsheet have been listed in this writeup, as many of the projects are self-explanatory:

FLEET AND EQUIPMENT INFRASTRUCTURE

(\$1,287,000)

The City of Cold Lake has a Fleet and Equipment Replacement Program. Some of the highlights for 2023 include:

- *Light Fleet Vehicle Replacement Program (\$180,000)*
Annually, the City replaces approximately three (3) to four (4) of its light fleet vehicles. Pending vehicles being in accidents (and written off) or staff-level amendments, the number may vary in some years. In 2022, the City looked to add an electric vehicle to

the fleet for trial and evaluation, however, delivery and options for such a unit did not make it feasible. In 2024, the City of Cold Lake will revisit the opportunity.



- *Hypack Recycling Depot Truck (\$350,000)*

The City will purchase replacement equipment for servicing the recycling drop off stations. This unit was slated for replacement in 2022, however, the funding was diverted to the curbside composting cart as a result of equipment delivery challenges. This unit will replace an existing Haul-All unit that is designed specifically for the bins at the recycling depot.



- *Annual Skid Steer Loader Trade-Out Program – (\$15,000)*

The City of Cold Lake has been involved in Bobcat’s annual trade-out program for several years. There are two (2) loaders included in the program which allows the City to use the equipment for a defined set of hours. If more time is required, the surcharge is billed to the City. This program allows the City to have the most current equipment and any maintenance work is done on warranty.



- *Skid Steer Asphalt Cutter Attachment (\$10,000)*

The City of Cold Lake will purchase a new attachment for its skid steer equipment. The attachment will be an asphalt cutter. The intent of the equipment is to provide smooth tie-ins to existing asphalt where roads are being penetrated for utility repairs.



- *Asphalt Hot Box Trailer – (\$62,000)*

The City's existing asphalt hot box is seeing its age and creating maintenance challenges resulting in extended down-time for the "Pot Hole Patrol" summer crew. The City is looking to simply to replace the unit and sell, trade or auction off the old unit.



- *Low Floor Adaptive Transit Bus – (\$165,000)*

In 2021, the City replaced one (1) of its traditional wheelchair-lift buses with a low-floor, accessible bus. The new style of accessible bus has been well received by the clients of the adaptive transit system. The City now has one (1) low floor bus and one (1) traditional wheel chair lift bus for the adaptive transit system. It is being proposed that the City transition out of the use of traditional-style buses.



- *Turf Maintenance Equipment– (\$50,000)*

Annually the City replaces various small turf-maintenance equipment. Priorities in 2023 will include verticutters and dethatchers.



- *Mobile Vehicle Lift Adapter – (\$18,000)*

The City is looking to add a chassis adapter for lifting fleet vehicles to its mobile hydraulic lift.



- *Electric Vehicle Charging Station – (\$250,000)*

The City received a grant from the Government of Canada under the Federation of Canadian Municipalities for the installation of two (2) electric vehicle charging stations in Cold Lake. One (1) is being proposed at the Cold Lake Energy Centre while the other is



being proposed downtown. Each unit will be able to charge two (2) vehicles concurrently.

- *Floor Scrubber – (\$15,000)*

In an effort to decrease the time necessary to transition between events using the City's temporary flooring systems (e.g. at the Reid Field House), the City will purchase a floor scrubber that can accelerate the cleaning process.



- *Multi-Use Buffalo Turbine Blower (\$17,000)*

The City will be purchasing a high-powered turbine blower that can be used to clean debris from parks, trails, sports fields and golf courses. The blower is intended to be trailer mounted and will be attached to most of the City's existing fleet and equipment units.



- *Self-Watering Planters (\$15,000)*

The City is looking to purchase additional self-watering planters at the Marina, Energy Centre, City Hall and at Kinosoo Beach. This initiative is an effort to further reduce the requirement for labour-intensive watering, and to increase the level of service and beautification in the effected areas. Self-watering planters have been tested throughout the City with tremendous success.



- **Weed Spraying Equipment (\$75,000)**

In an effort to increase productivity in the application of herbicides, the City is looking to purchase equipment specifically designed for such application.



- **Hot Water Pressure Washer (\$10,000)**

The City will be purchasing a hot water pressure washing system for equipment being stored at Imperial Park.



- **Temporary Fencing for Events (\$15,000)**

The availability to rent temporary fences from the private sector can be challenging when planning special events. It is understood that contractors appreciate the business from the City, however, prices are not consistent and availability within the region can sometimes be challenging. The City will expand its inventory of temporary construction fencing.



- ***Motorized Sand Rake (\$40,000)***

Sand traps at the Cold Lake Golf and Winter Club are currently all maintained manually by hand rakes and approximately three (3) to four (4) staff. We will be looking to purchase motorized sand-raking equipment to speed up the process and to allow more time for other maintenance tasks.



FACILITIES INFRASTRUCTURE (\$20,835,000)

Energy Centre – Reid Field House Floor Resurfacing (\$110,000)

The existing floor of the energy centre is seeing it wear from the various events that take place in the Field House. This budget will resurface the floor before the finish begins to look too run down.



Energy Centre – Basketball Net System (\$50,000)

Many patrons of the Cold Lake Energy Centre Fieldhouse are requesting for basketball nets. It is anticipated that this feature would attract more patrons to the facility and result in more memberships purchased. The installation of the basketball nets would require a structure engineer to review the roof load calculations.

It should be noted that the allocated budget looks to install one (1) set of basket nets.

Energy Centre – Arena Water Treatment Plant System (\$10,000)

The Cold Lake Energy Centre ice plant's water system experiences significant calcium build up and contamination. The City is looking to treat and further purify water onsite in order to reduce ongoing maintenance due to water quality.

Energy Centre – Tables and Carts (\$10,000)

The City of Cold Lake’s inventory of tables for major events is depleting. The inventory is aging and several have broken over the years while others may have been left behind and/or stolen or not returned after events.

Energy Centre – Wellness Centre Renovations (\$40,000)

The City of Cold Lake’s received quotes in 2022 for renovations to the Cenovus Wellness Centre. Based on the proposed scope, the prices came in over budget. The City of Cold Lake will be topping up the budget of \$50,000.

Energy Centre – Arcade Gaming Area (\$20,000)

The City of Cold Lake’s is looking to develop a small arcade gaming area for clintal that used the Energy Centre. The City has received many asks for this type of feature that can be accessed during events being hosted at the Energy Centre.

Public Works Operations Centre Phase 1 (\$9,000,000)

The City of Cold Lake has completed the necessary design and development of the Public Works Operations Centre and subsequently funded \$18,535,000 to commence construction. The order of magnitude cost for the development of the Public Works Operations Centre is \$35 million. The location of the new facility is at the bottom of the Museum Hill (at the Radar Road). With the funding provided in 2021, the detailed design development is currently in production and should be ready for a late summer/early fall 2022 tender. Previous funding to the project includes: \$11,000,000 (2022) + \$7,535,000 (2021 and prior).



Public Works Shop Roof Replacement (\$20,000)

The existing Public Works Shop roof is experiencing leaks and simply requires repair/replacement. The City will retain a contractor to replace the roof the extend the life of the facility.

City Hall Council Chamber Renovation (\$100,000)

The City Hall Council Chambers will require renovations if there is a desire to increase space for the public, elected officials, and streaming services. It is being proposed to expand the footprint of Council Chambers to the east of the building.

Marina Dredging (\$375,000)

The Cold Lake Marina is in significant need of dredging. The Government of Canada will be providing \$500,000 in funding to payout any of the Crown’s liability in the transfer of the asset to the City of Cold Lake. It is being proposed to fund the dredging from this payout.

Marina Boardwalk Phase (3 of 3) (\$125,000)

The City hopes to complete the Marina Boardwalk Replacement Program in 2023. The previous two (2) phases were well received by the patrons of the Cold Lake Marina. The Government of Canada will be providing \$500,000 in funding to payout any of the Crown's liability in the transferring of the asset to the City of Cold Lake. It is being proposed to funding the final phase from this payout.

Kayak Storage Expansion (\$15,000)

The Cold Lake Marina's kayak storage lockers continue to increase in popularity. The storage lockers have sold out during the first two (2) years of being offered. The City is proposing to expand the number of storage lockers available at the marina.

North Fire Hall Roof Replacement (\$45,000)

The existing North Fire Hall roof is experiencing leaks and simply requires repair/replacement. The City will retain a contractor to replace the roof the extend the life of the facility.

Daycare Facility (\$15,000)

The Cold Lake North child development facility boiler is well beyond its life expectancy requires replacement. The City will retain a contractor to replace the boiler for the facility.

Cold Lake Golf and Winter Club – Sand Bunker Replacement Program (Year 3 of 4) (\$30,000)

The City has made tremendous improvements to the condition of the Cold Lake Golf and Winter Club, inclusive of the year 1 and year 2 of the sand bunker replacement program. The City continues to receive very positive comments from the members and customers of the Cold Lake Golf and Winter Club on course conditions and customer service.

Mobile Outdoor Rink Equipment (\$50,000)

The City of Cold Lake hosts an annual "Winter Festival" of which initially launched as a joint project between the City of Cold Lake, Municipal District of Bonnyville and the Department of National Defence – 4 Wing Cold Lake. Since its launch, the other partners have withdrawn from the annual event for various reason including costs. That being said, the City choose to continue hosting the annual event.

Further to the above, the City is looking enhance the outdoor skating opportunities at the artificial turf field and is looking to purchase a temporary/mobile outdoor rink. This kit is required to assist staff to making the necessary ice thickness of 12 inches. This depth is required to the field's flexible substrate.

Barn Roof Replacement (\$20,000)

The existing west-end barn roof is experiencing leaks and simply requires repair/replacement. The City will retain a contractor to replace the roof the extend the life of the facility.

Land Acquisitions (\$1,800,000)

From time to time, the City of Cold Lake acquires lands for various opportunities and initiatives. The details of the City's land acquisition initiatives are protected under FOIPP legislation until Council is prepared to make a motion and ratify any such acquisition. At this time, the information of any particular acquisition is not for public consumption, but a budget for such opportunities is being proposed.

IST INFRASTRUCTURE (\$60,000)

Census Customer Portal (\$60,000)

More and more, public service providers are realizing the benefits of analytics. Beyond nice-to-know, analytic insights help you make critical decisions and run the business more efficiently. Now you can put the power of data directly in the hands of your customers.

Customer Portal uses the Sensus Analytics platform to present consumer usage data—be it water, gas or electric—in a clear, easy-to-read dashboard. The portal is web based, so customers can access it at their convenience—anytime (24x7x365) and anywhere (from desktop, tablet or smartphone). Give your customers the information they need to better manage their consumption and even alert them to potential issues.

Customer Portal is the easy way to open a new communication channel between you and your customers, boosting overall engagement and satisfaction.



ENVIRONMENTAL/UTILITY INFRASTRUCTURE (\$3,420,800)

CLRUSC - WWTP/MBBR Contribution to Construction (\$895,800)

The Cold Lake Regional Utility Services Commission (CLRUSC) has retained an engineering team to design the new Waste Water Treatment Plant (WWTP). The plant will use technology referred to as a moving Bed Bio-Film Reactor (MBBR) process. The equipment for the facility has already been procured and awarded to Veolia. The value of the waste water treatment equipment is approximately \$4.6 million. The order-of-magnitude cost for the facility has increased from \$15 million to over +\$22 million due to the significant inflation currently being experienced. Based on the proposed funding levels, the CLRUSC would have approximately \$20.1 million in total funding.

The commission may still require further funding to complete the project.

Building #5/#7/#10 HVAC Retrofit and Upgrades (\$25,000)

Three (3) facilities are requiring complete retrofit/upgrades of their HVAC system. These facilities are lift stations and treated water reservoirs. The existing HVAC systems are original to the facilities which date back to 60s and 70s.

Stormwater Utility Rate Review (\$50,000)

The City of Cold Lake is looking to implement a new utility charge in 2023 for stormwater management. A proposed utility rate framework is being development for Council consideration.

Landfill Security Fencing (\$25,000)

Security of Cold Lake’s active landfill is an increasing concern. Vagrants are accessing landfill and, in some instances damaging infrastructure and setting fires to keep warm with landfill materials. This activity is creating a significant risk to the City of Cold Lake, including the risk of contravening environmental regulations. The City is proposing three (3) projects in an effort to provide further security to the Landfill site.

- Phase 1 (\$25,000) – An upgrade the existing gate system. The existing gate is simply a welded pipe and is enabled to swing open and closed. The City will be looking to install a more sophisticated chain-link style fence and rolling gates.

Wetland Reclamation Project (\$250,000)

The City of Cold Lake is working with AEP to reclaim some wetland around the Imperial Park. Subject to the establishment of a final scope, it is administration’s hope that the interpretive trails and potentially a future fish pond can be developed in the area in accordance with the Imperial Park Master Plan. Considerations also needs to be made for the City’s Master Drainage Plan for the area. The funding is intended to be seed funding to start the project. The project has \$500,000 in initial funding to commence a design solution, which the City would like to top-up with \$250,000 to commence the expansion of an existing wetland.



**ROADWAY INFRASTRUCTURE IMPROVEMENTS
(\$8,180,200)**

2023 Annual Capital Street Improvement Program (\$1,963,200)

This program is referred as a Road Metrix Program, which is a software that utilizes the surface distress index (SDI) of roadways and degradation curves, which assist in making decisions on pavement overlays (including functional overlays and structural overlays) that extend the life of asphalt before the pavement requires total reconstruction, which is a much more expensive option. The SDI’s can be compared to those in other communities.

It should be noted that the Government of Alberta's Basic Municipal Transportation Grant (MSI BMTG-\$984,640) has seized. This was anticipated with the Government of Alberta having moved the BMTG (funding for roadway projects) under the MSI.

Based on the City of Cold Lake's road matrix software asset management program, it is being recommended that an investment strategy of approximately \$2 million to \$2.5 million is necessary to maintain the system it is current state. An investment strategy that provides less funding would see an average decrease in the deterioration of the roadway network.

Subject to final budget allocations and tender results the following are priorities for 2023:

➤ TBD

Transportation Master Plan Update (\$175,000)

The City of Cold Lake is proposing to update its Transportation Master Plan. The planning is both aging and various roadway classifications were raised as concerns from the development community (as it relates to off-site levies). This proposed update will look at all of the changes made by the City as well as address the above noted concerns. Resolution will assist the City in finalizing the off-site levy bylaw.

Highway 28/55 Signalization Improvements (\$42,000)

The City of Cold Lake will update the signalization infrastructure for the Highway 28/55 intersection. The improvement is being considered to provide the City inventory of obsolete signalization infrastructure for other areas of the community. Unfortunately, several of the City's signalization infrastructure has now been discontinued do to age. Efforts need to made to have some inventory of the obsolete equipment to minimize down time and emergency expenses if equipment were to fail. By replacing the Highway 28/55 signalization equipment, the City will introduce new equipment and have inventory for other areas that are obsolete. The City will have to continue with a rotation modernization of its signalization equipment.

Lakeshore Drive Improvements (\$6,000,000)

Due to the deteriorating condition (of both the roadway and undergrounding utilities) to Lakeshore Drive, in 2019, The City of Cold Lake has completed the functional design of the Lakeshore Improvements projects. This project was initially in the order of magnitude of \$15 million over three (3) construction seasons. Due to inflation, this order of magnitude has increased to over \$25 million.

The improvements include the development of a linear parking way along Lakeshore Drive. The City of Cold Lake has provided funding for \$6,000,000 to commence the redevelopment of Lakeshore Drive. Continued funding will be necessary for the progression of the project.

RECREATION INFRASTRUCTURE
(\$700,000)

2023 Annual Park Replacement and Enhancement Program (\$200,000)

This program was reinstated in 2015 in an effort to replace and enhance two (2) parks on an annual basis. Based on the budget, some parks were found to be somewhat smaller once the park was replaced. Now that all parks have been replaced throughout the community, this funding will provide enhancements to parks including structures, benches, garbage containers, etc. The properties in 2023 will include shades in Lion's and Imperial Parks.

Imperial Park – Softball Diamond Rehabilitation and Dugouts (Year 3 of 4) (\$200,000)

Two (2) remaining softball dugouts are in need of rehabilitation. Two (2) have been completed in this four (4) phased in program. The budget will allow City to rehabilitate 1 softball diamond and dugouts in 2023. Unfortunately, the construction costs have significantly increased from \$60,000 to \$200,000.

Tennis Court Rehabilitation – (\$50,000)

Due to frost heaving and metal in the asphalt, cracks and marks have started to appear in the court surfaces which require maintenance. The tennis ball users have indicated that, if the cracks worsen, the courts will become unusable. The allocated budget will allow that City to mobilize the vendor to maintenance to sport surfacing.

South Outdoor Rink – Puck Board Rehabilitation and Basketball Netting Systems (\$20,000)

Several sections of the outdoor rink puck are cracked and at times, have screws being exposed. This is raising concerns of injury. The City will have the puck board replaced and attempt to salvage any good sections. It should be noted that the City has already allocated budget for both the north and south outdoor rink however top funding is required to complete the project in 2023.

Kinosoo Beach House Renovation (\$65,000)

The washrooms in the Kinosoo Beach House is in dire need to repair do the age and ongoing vandalism. The City has a detailed design to replace the facility however the costs are in the order of magnitude of \$2 million. With several competing priorities, the City will do a small renovation to the facility to extend the life of the building.

Water Bottle Fill Stations (\$20,000)

The City of Cold Lake will be implementing a pilot project to adapt at least two (2) fire hydrants into water bottle filling stations. Water filling stations will be attached to hydrants allowing anyone to fill up their water bottles at one of the two (2) or more water stations.

This pilot project of filling stations will assist residents, visitors, tourist, and even vulnerable people safe during hot weather conditions.

The City will provide regular water quality testing consistent as it does through the water distribution network.



Fire Pit (\$10,000)

The City is going to have a large format fire pit manufactured for major community events. The pit will be in the order of magnitude of 12' diameter and custom laser cut steel.

Seasonal Lighting Replacement (Phase 4) – Final (\$100,000)

In the past few years, the City of Cold Lake purchased several new seasonal light systems (for the holiday season). This budget will be the fourth and final year to purchase further holiday season lighting.