

CITY OF COLD LAKE

2019 CAPITAL BUDGET SUMMARY

The 2019 Capital Budget list depicts both needed and desired infrastructure. Most of the projects have been outlined in the multi-year capital plan, which shows a strong community infrastructure investment and projects that Council has been considering over the past year in discussion with community groups and during council meetings. That being said, with the recent announcement regarding I.D. 349, the city will need to reconsider its multi-year capital reinvestment strategy. Subject to the I.D. 349 confirming its budget in the fall of 2019, administration recommends that Council only pass a capital budget with funding confirmed by agreement, or that is self-generated through taxation and reserves.

The capital budget outlines a mix of various disciplines and initiatives totaling \$22,277,223.

- Environmental/Utility Infrastructure Improvements \$5,225,000
- Roadway Infrastructure Improvements \$3,180,823
- Fleet and Equipment Infrastructure \$1,876,500
- IT Infrastructure \$245,000
- Airport Infrastructure \$1,730,000.
- Facilities Infrastructure \$5,414,900
- Planning and Development \$675,000
- Recreation Infrastructure \$3,930,000

It should also be noted that Council will need to pass a multi-year capital plan in accordance to the new municipal government act.

To develop a better understanding of the capital budget list, the following provides a more detailed description of the projects in the various disciplines:

FLEET AND EQUIPMENT INFRASTRUCTURE

(\$1,876,500)

The City of Cold Lake has a fleet and equipment replacement program, some of the highlights include:

- Light Fleet Vehicle Replacement Program (\$160,000) annually, the City replaces approx. four (4) of its light fleet vehicles. Pending on vehicles being in accidents (and written off) or staff level amendments, the number may vary in some years. The allocated



budget allows of four (4) units to be replaced.

- Turf Maintenance Equipment – Surrounds Mower (\$55,000)
 - The City will purchase replacement equipment on an as needed basis for cutting turf on parks and sports fields (e.g. Cold Lake Golf and Winter Club and Imperial Park). Do to the condition of the equipment provided by 4 Wing to the Golf and Winter Club, the bulk of the funding will be for the equipment at the golf course.



- Grader (\$300,000 inclusive of trade in)
 - The City operates and maintains two (2) motor graders in the fleet. The capital replacement plan outlined the replacement of the oldest grader in 2019 which is 20 years old. The replacement will be of comparable size and capacity to the existing fleet.



- Curbside Recycling Equipment (\$200,000)
 - The fleet capital replacement plan articulates the replacement of the curbside multi-commodity recycling unit. The City will be purchasing a unit that is comparable in size and capacity.



- Trailer Mounted Steamer (\$65,000)
 - The City's existing steamer unit is ancient and has been modified a couple of times in the past couple decades. The unit is heavily used during late winter and early spring while the frost is moving to thaw storm sewers and culverts. The unit is currently mounted in a sea container; part of the hook lift system on a tandem truck. It is suspected that the boiler unit will soon fail its recertification process and therefore needs to be replaced in 2019.



Other equipment that will be added to the City of Cold Lake fleets, which will assist in enhanced service delivery will include:

- Arborist Light Fleet Vehicle (\$80,000)
 - The City is looking to purchase a light to medium duty fleet vehicle that is designed to support arborist activities and equipment. The fleet vehicle toolbox would contain the equipment while the tipper would facilitate a quicker unloading of debris with one unit.



- Heavy-Duty Sports Field Utility Vehicle (\$35,000)
 - In effort to provide flexibility for maintenance activities at Imperial Park and the new artificial turf field the City will be purchasing a Heavy-Duty Sports Field Utility Vehicle.



- Sewer Camera Tires and Lift (\$13,000)
 - In effort to provide flexibility for sewer camera system in the varying conditions of the sewers, the City of Cold lake will purchasing optional wheels for the robotic unit.



- Transit Bus Replacement Program (\$600,000)
 - The City received two (2) new transit buses in 2018. Administration is proposing to acquire at least one (1) more low floor bus for the fleet. This will ensure that the two (2) front line buses have back-up with the same level of service bus. The “Invest in Infrastructure Canada Program” (IICP) has allocated another \$987,969 to the Cold Lake for investment in transit infrastructure. There are still further details to follow on the grant program however, as we currently understand, the funding does not require matching funds.



- Excavation Trench Box (\$90,000)
 - An excavation trench box is used to protect workers in a trench that doesn't meet or is not able to meet side sloping requirements. The City is proposing to replace its existing trench box with one that is more versatile and ergonomic for the size and various maintenance activities that Public Works operations is undergoing. A hydro-vac excavation cage will also be purchased with the allocated budget.



- Video Camera and Audio Recording Equipment (\$3,500)

The City will both replace existing imaging equipment and purchase equipment to have the city recording its own messaging (e.g. pod casting);



- Roll Off Truck (\$275,000)
 - Subject to the City of Cold Lake funding the Recycling Materials Recovery Centre it is recommended that the City purchase a roll off truck that may service recycling bins as well as waste management bins located at the landfill (as outlined in the Landfill Master Plan). An attempt can be made to look for a newer used unit.



ENVIRONMENTAL/UTILITY INFRASTRUCTURE IMPROVEMENTS (\$5,225,000)

Supervisory Control and Data Acquisition (Phase 1)

Supervisory control and data acquisition (SCADA) is a system of software and hardware elements that allows the City to control its lift stations, pump stations, water and waste water treatment systems both on site and from remote locations. It also allows for the monitoring, gathering, and processing real-time data.

Based on the assessment completed in 2018, an established budget to complete the first four (4) phases should be a goal (wrapping these phases into 1 single phase). This includes the following:

- Phase 1 - Power upgrades - \$88,000
- Phase 2 - Back Up Controls Upgrade - \$120,000
- Phase 3 - SCADA Upgrade- increase the sophistication of our monitoring and software system. - \$260,000
- Phase 4 - Documentation - \$60,000

An overall budget of \$500,000 would achieve a significant overall of the SCADA system, however, it will not fund elements such as security, remote monitoring upgrades and distribution and collection updates (which have been viewed as lower priority than the initial four phases).

Project Value = \$250,000 (an additional \$250,000 is being funded by the CLRUSC)

Advanced Metering Infrastructure (AMI) - Automated Water Meter's (Communication Towers)

Over the past five (5) years, the City has been installing wireless communication meters on residential and commercial properties throughout the City. These meters are currently being read through a communication device that is installed in a fleet vehicle that travels throughout the City. This has been a tremendous improvement over the manual meter reads that have been done in the past (essentially a person walking from property to property). It should be noted that some properties are still on the non-metered rate structure).

The next step of the automated water meter reading process is the advanced metering infrastructure (AMI) which enables two-way communication over a fixed network between the utility system and the metering endpoints. This requires the installation of communication tower(s). The system will then be able to monitor and obtain meters reads upon request, at any time.

The current wireless system has already seen benefits from costumers with reduced estimates and feedback during high use to ensure everything is fine on the home. The AMI system will take this to the next level.

Project Value = \$325,000

Pressure Reducing Valve Installation Program (Year 1 of 4)

The City of Cold Lake's master plans and the multi-year capital investment strategy identified the need to make pressures zones in the water distribution system throughout the City (specifically Cold Lake North). There are certain areas of the City experiencing extremely high pressures (e.g. along the 1st and 2nd Avenue areas) with the many upgrades that have been completed (including trunk lines and pump stations). Pressures being experienced are at the maximum thresholds of house plumbing specifications. Despite the fact that the city is now experiencing fewer calls in areas such as Lefebvre Heights regarding very low pressures, we are now receiving calls on the very high pressures in other areas of the water distribution network.

It is being recommended that certain areas of the City be quarantined into lower pressures zones using pressure reducing valves. In order to create a pressure zone as outlined in the utility plans, three (3) PRV's are necessary which are valued at approximately \$750,000/each.

Since 16 Street is the location of one of the valve chambers and is being excavated for the regional water line; it is being highly recommended to install the first valve chamber during this construction. The alternative would be to install that chamber after the roadway has been reconstructed in the future.

Project Value = \$750,000

Building #10 Fire Pump Replacement

The existing high volume fire water pump at Building #10 consists of a right angle drive unit fueled by natural gas. This pump needs to be replaced due to its life cycle, efficiency (right angle drives are rarely used as their efficiencies are very low and they have very high maintenance issues due their frequency of use), and to meet the necessary fire flows in Cold Lake South under current demands. These improvements were identified in the water services master planning document.

In 2017, the City allocated \$200,000 for the purchase of a new pump. It was also found that the electrical systems at the reservoir/booster station would not sustain the necessary equipment. The electrical system has a significant impact to the budget to the tune of \$700,000.

Project Value = \$700,000

Lakeshore Drive Infrastructure Improvements

The condition of Lakeshore Drive continues to deteriorate. Both the underground infrastructure (clay tile sewers) and the road itself are experiencing distress. The roadway distress is partially a result of the unstable embankment along the lakeshore. It is anticipated that this infrastructure will be extremely costly to replace due the fact that the embankment stability will be a significant part of the project. It is also anticipated that an aesthetic design will also be a significant part of the project. It is anticipated that the infrastructure replacement cost of the entire length of lakeshore drive will be in the order of magnitude of \$10,000,000. The costs of retaining a design engineer for the project will be in the order of magnitude of \$500,000.

Project Value = \$500,000

2019 Shallow Sewer Enhancement Program

Sanitary Sewers in a few older subdivisions throughout Cold Lake are very shallow and annually require significant monitoring and maintenance to keep flowing, during the winter months. The City of Cold Lake initiated a project in 2015 to deepen some of these sewers or provide additional measure to decrease the frequency of the sewers freezing. This program was suspended for the last two (2) years due to competing priorities in environmental infrastructure. The project will include the replacement of shallow sanitary sewer lines of which priorities will be in 47th Avenue area.

Project Value = \$250,000

Cold Lake First Nations I.R. 149A Storm Water Outfall Review

Cold Lake First Nations continues to raise concerns in regards to the City of Cold Lake's storm water outfall located at 14 Avenue and 7 Street which discharges on I.R. 149A. There are significant signs of erosion downstream and CLFN is requested for the City to review the situation in detail. In 2018, the

City conducted an engineering review (which was presented to City Council), which articulated the concerns and the mutual contribution to the erosion issues. Administration is recommending to allocate some budget to assist with the rehabilitation work with CLFN.

Project Value = \$800,000

Cold Lake Landfill Scale House

The City of Cold Lake completed the new scale house and weigh bridge along the realigned entrance road into the Cold Lake South landfill. This realignment will significantly extend the life of the Class III landfill (15+ years). This facility has been commissioned and is in operation. Within the allocated budget administration could not achieve the installation of a second weigh bridge which would greatly benefit the traffic movement at the landfill.

It is being recommended that the City provided additional budget to purchase and install a second scale at the new scale house.

Project Value = \$150,000

Recycling Materials Recovery Facility

The City of Cold Lake contract with the Cold Lake Recycling Centre will be expiring in September 2019. The City needs to make some decisions of the future of the recycling program. If the City is not moving forward with the development of a recycling materials recovery facility (RMRF), then the City needs to begin negotiations with the Cold Lake Recycling Centre for a temporary extension or review the future of the recycling program itself. Administration is recommending that the City move forward in the development of the RMRF which will enable better controls on the future cost of the program.

Project Value = \$1,500,000

ROADWAY INFRASTRUCTURE IMPROVEMENTS (\$3,180,823)

2019 Annual Capital Street Improvement Program

This program is referred to as a road analytics program, which is a software that utilizes the surface distress index (SDI) of roadways and degradation curves to 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 are submitted to Alberta Transportation on an annual basis which supports the annual Basic Municipal Transportation Grants (MSI BMTG-\$984,640) funding for roadway projects.

Based on the City of Cold Lake's road matrix software asset management program, it is being recommended that an investment strategy of approximately \$1.75 million to \$2 million is necessary to maintain the system it is current state. An investment strategy that is less would see an average decrease in the deterioration of the roadway network.

In 2019, approximately \$100,000 will be used to update the road matrix and sidewalks assessments which should be completed every (3) three years.

Subject to final budget allocations and tender results the following are priorities for 2019:

Project Value = \$1,776,640

2019 Annual Residential Lane Construction Program

This program was an annual initiative that was first implemented in 2014 by the City of Cold Lake in which two (2) to three (3) blocks of residential rear lanes were constructed to proper standards each year.

Project Value = \$200,000

2019 Annual Trail/Sidewalk Connectivity Program

This annual program is allocated to enhance trails and pedestrian connectivity throughout the community. Project highlights include 16 Avenue, Points West, Millennium Trail South Extension, and various sidewalks adjacent to roadways where none had previously existed.

Project Value = \$200,000

2019 Traffic Safety Program Fund

As of December 31, 2017, the City of Cold Lake has restricted \$34,692 relating to Traffic Safety Fund from photo radar revenue. To date, in 2018, the revenue less expenses is \$89,491. The total Traffic Safety Fund is approximately \$120,000

Based on the policy for the revenue allocation for the photo enforced traffic safety program, Administration provided its recommendation to the Cold Lake City Council during the fall annual budget deliberations. Council discussed issues surrounding street lighting in numerous areas throughout the City and decided on funding lights at 3 locations. (hwy 55 and 28th street, northern section of English Bay Road, and the intersection by 28th Street and 25th on the approach to the Hospital)

Project Value = \$124,183

2019 Street Lighting Enhancement Program (Year 1)

The City of Cold Lake will be implementing a new program to enhance street lighting in various areas of the community. The allocated budget will enable the City to purchase street lighting and have them installed and wired in areas that require either enhanced lighting or provide light where no lights exists. This will be a multi-year program.

Administration will provide a brief presentation outline the applications and options.

Project Value = \$250,000

43rd Avenue Traffic Signalization Improvements

Council has requested for enhanced traffic signalization programming for the 43rd Avenue Intersection. To make further enhancements, upgrades have to be made to both the signalization cabinet and detections system. With the improvements, detection cameras would be installed similar to the newer intersections along Highway 28.

Project Value = \$50,000

Imperial Park Secondary Access Road

The City of Cold Lake is proposing to enhance a south access from the rear parking lot of the Cold Lake Energy Centre. The north access road was recently completed, which significantly enhanced mobility of vehicular traffic around the area during high demand use. It is being proposed to develop a gravel road from the parking lot to the upper parking lot at Imperial Park. These enhancements would also enable increased walking traffic from the Imperial Park parking lot during overflow parking conditions. This project was initially funded in 2018 at \$650,000 however the project requires top-up funding to complete.

Project Value = \$350,000

Lakeshore Drive Street Light Replacement

Several lights along lakeshore drive have experienced several years of frost heaving and require replacement. It was City's original intent to replace these lights during the redevelopment of Lakeshore Drive (inclusive of both underground and roadway infrastructure) however this project has been delayed for the past few years therefore the light at least requires replacement in a few of the areas.

Project Value = \$30,000

2019 Way Finding Sign Program

The City has been receiving negative reviews on its way finding signs throughout the community. With that, many of the way finding signs have been also destroyed during the road improvements along Highway 28.

It is being recommended by the Economic Development Advisory Committee (EDAC) and administration to develop a fund to start the process in developing a new way finding sign initiative for the Cold Lake.

Project Value = \$200,000

FACILITIES INFRASTRUCTURE
(\$5,414,900)

North Arena – Flat Roof Replacement

Subject to the continued operation of the North Arena located in Lefebvre Heights, the flat roof is leaking into the facility and is need of replacement. The budget allocation is for the simple replacement of the roof above the lobby and dressing room areas.

Project Value = \$50,000

Imperial Oil Place – Dressing Room Expansion

Council has signaled for the new development of a dressing room for the Cold Lake Wings “Junior A” Hockey Organization. The request by the Cold Lake Wings is for the development of a dressing room that is comparable to the “Junior A” hockey dressing room currently being used by the Cold Lake Ice “Junior B” Hockey Club.

The proposed budget of \$300,000 would see an expansion to Imperial Oil Place for the purpose of developing dressing room(s) for the “Home” team. In 2019 the City will be budgeting for \$30,000 for a conceptual design of the dressing rooms.

Project Value = \$30,000

Artificial Turf Field – Garage Package

In effort to store the artificial turf maintenance equipment close to the field rather than the upper Imperial Park compound, administration is proposing to install a simple garage package in close proximity to the field. The garage package would be comparable to the existing garage package in the Imperial Park compound.

Project Value = \$50,000

Public Works Building Renovations – Change Room Expansion and Office Space

With the growth of the Public Works Operations personnel, there is a growing need to expand the facility to accommodate for change rooms. At this time, a date has not been confirmed for the development of the new Public Works Operations Centre raised the issue of doing some interim renovations to the existing facility.

Project Value = \$75,000

Public Works Operations Centre (Phase 1 Construction)

During Council’s strategic priorities workshop, the Public Works Operations Centre was made to be a strategic priority of City Council. The draft conceptual designs have been presented to City Council and is complete. Council has funded the design development however land acquisition has stalled this initiative.

The following is a brief summary of the orders of magnitudes costs for the project:

- SITE DEVELOPMENT - \$5,213,000
- MAIN BUILDING - \$15,147,500

- SECURE STORAGE BUILDING - \$11,447,700
- SAND / SALT BUILDING - \$486,100
- PROJECT CONTINGENCY - \$3,229,400
- TOTAL - \$35,523,700

The budget allocation is to construct an initial phase for the new Public Works Operation Centre.

Timeline for the development is in the approximately 36 months. Therefore it is recommend that Council direct administration to start Phase I of this project by adding an addition 1,285,900 to the 1M budgeted for in 2018.

Project Value = \$1,285,900

Marina Sewage System Replacement

The sewage system that services boats at the Cold Lake Marina is in need of replacement. The allocated budget is to simply replace the existing system.

Project Value = \$22,000

Marina Dock Foundation Replacement

The foundations that hold the piers at the Cold Lake Marina are in need of both upgrades (in terms of weight) and relocation (to provide better alignment). The docks are seeing continued high annual maintenance for welding damaged docks (in part due to the alignment issues). The proposed budget allocation will be to set new, larger foundations for the pier systems.

It should be noted that it would be more efficient to complete that Marina Dredging prior to setting the new foundations, however, due to the cost to complete the Marina dredging it is being recommended that new foundation are set sooner rather than later.

Project Value = \$50,000

Cold Lake RCMP Detachment Expansion

The City of Cold Lake has already funded \$1,628,000 for the expansion of the Cold Lake Detachment. This funding has been utilized to prepare the conceptual design (which has been presented to City Council). The funding will also be utilized to prepare the detailed design and tender documents for the project. It is administration's intent to proceed with specifically tendering the Heating Ventilation and Air Conditioning (HVAC) system due to concerns raised by the RCMP.

The total project budget for the expansion is approximately \$3,500,000. The budget will require follow-up funding of \$1,922,000 to fully fund the project.

The architectural firm retained for the project is JMAA.

Project Value = \$1,628,000 (2018) and 1,922,000 (2019)

Grand Centre Memorial Cemetery

The City of Cold Lake has developed a phased approach to the master plan prepared for both the Lakeview and Grand Centre Memorial Cemeteries. In 2018, Council funded the first phase improvement for the Lakeview Cemetery. The initial phase for the Grand Centre Cemetery will include the following highlights:

- New Cremation Garden (2 columbaria);
- New Veterans' Memorial Plaza
- Fencing Improvements
- New Pedestrian Pathway
- New Pedestrian Gate and Entry Feature

Project Value = \$800,000

Kids Time Out/Daycare Facility – Facility Improvements

The condition of the old seniors' drop in centre (now the Kids Time Out/Daycare Facility) has been significantly deteriorating. The facility needs repairs to its foundation, as well as the replacement of windows, siding, and the HVAC System. Alternatively, the City of Cold Lake should consider the sale of the property as the City receives minimal revenue from the lease agreements. The current "assessed" value of the facility is \$741,700.

Project Value = \$250,000

Kids Time Out/Daycare Facility – Parking Lot Improvements

Kids Time Out has raised concerns regarding the condition of the existing parking lot. It is administration's opinion that the parking lot requires resurfacing.

Project Value = \$30,000

Animal Shelter

The Lakeland Humane Society is requesting for the City of Cold Lake to contribute funding to the City's portion of the animal shelter replacement integrated into the Lakeland Humane Society's new facility. The order of magnitude cost of the facility is \$4 to \$5 million. The Society is requesting that the City's contribution be \$2 million to the new facility. The Lakeland Humane Society is requesting to commence construction 2018/2019. Alternatively, the City of Cold Lake could fund the simple replacement of the shelter itself (\$500,000).

Project Value = \$500,000

Cold Lake Museum – Access Road Improvement

The Cold Lake Museum Society is requesting for the City of Cold Lake to replace the access road to the museum. Administration confirms that the road is deteriorating quickly and will require a minimum of \$75,000 of patching. Other than doing a complete reconstruction, the alternative is to do a RAP overall of the roadway.

Project Value = \$250,000

Cold Lake Museum – Utility Connection for Water

The Cold Lake Museum Society is requesting for the City of Cold Lake to solve a servicing connection issue relating to water. The Society has indicated that the Museum is only serviced through a fire hydrant which requires immediate attention.

Based on the previous facility assessment completed in 2009, the water service connection was not an issue. Administration will need to develop a further understanding as to what has occurred since the facility management plan was drafted.

At this time, administration is recommending Council to allocate some budget amount to resolve the issue.

Project Value = \$50,000

Demolition and Disposal of City House

The City house on 47th Ave was purchased years ago as it is sitting over the City right of way with the idea that one day the City would have to put a roadway through the property to extend 49th Street.

Project Value = 50,000

AIRPORT INFRASTRUCTURE (\$1,730,000)

Regional Airport Initiative

Project Value = \$1,000,000

CEN5 Fuel Card Reader Replacement

The City of Cold Lake has been advised by the vendor for the payment system at CEN5 that the fuel card reader needs replacement to maintain dependability. The cost to replace the infrastructure is \$30,000 c/w software.

Project Value = \$30,000

CEN5 Taxi Way Enhancement – Phase 1

The City of Cold Lake has completed the design for the development of taxiways at the Cold Lake Regional Airport. The City budgeted \$500,000 in 2018 for the development of the taxiways, however, the final estimated costs based on the design exceeded the budget allocation. In an effort to complete the project, it is being recommend to split the project into various phases.

The following summarizes the phases:

- Phase 1 – Development of taxiways throughout the existing leased areas (\$1,200,000)
- Phase 2 – Development of taxiways in leased areas to the west (\$350,000)
- Phase 3 – Development of taxiways in leased areas to the east (\$450,000)
- Phase 4 – Development of taxiways in leased areas a tie down area (\$850,000)

In effort to complete Phase 1 of the project an additional budget allocation of \$700,000 is recommended.

Project Value = \$700,000

IST INFRASTRUCTURE
(\$245,000)

IPSAN Server Replacement

Two (2) IPSAN servers have aged out for life expectancy certification. These servers simply require replacement to maintain system reliability certifications.

Project Value = \$100,000

ESX Virtual Server Replacements

Four (4) ESC virtual servers have aged out for life expectancy certification. These servers simply require replacement to maintain system reliability certifications.

Project Value = \$60,000

Telephone System Replacement

The City of Cold Lake's MITEL IP telephone system coming up to ten (10) years old. It is being recommended that the system be replaced at this age to benefit from both reliability and access to current technology.

Project Value = \$85,000

PLANNING AND DEVELOPMENT
(\$675,000)

Municipal Development Plan

A municipal development plan (MDP) is a long-term, strategic plan for managing growth through a municipality. A MDP is considered to be a statutory plan in accordance to the Municipal Government Act (MGA) and will be required for the annexation area. The existing MDP is already dated to the point of requiring updates, however, the project has been delayed due to the pending annexation.

Project Value = \$150,000

Inter-Municipal Development Plan

An Inter-Municipal Development Plan (IDP) is a long-term strategic plan for managing regional growth between two (2) or more municipalities. An IPD is considered to be a statutory plan in accordance to the Municipal Government Act (MGA) and will be required for the annexation area. The existing IDP is already dated to the point of requiring updates, however, the project has been delayed due to the pending annexation.

Project Value = \$125,000

Economic Development Initiative-Aerospace

The Government of Alberta has opened another intake of the Community and Regional Economic Support (CARES) Program which is a matching grant program. Administration has identified an opportunity under the North East Alberta Information HUB: Aerospace Technology, Defence and Unmanned Systems Status and Future Opportunities.

Project Value = \$150,000

Lakeshore and Community Encroachment Strategy

The City of Cold Lake will be development a Lakeshore and Community Encroachment Strategy to manage issues of encroachments in the community. Specifically, the city will retain resources to complete a legal survey of the lakeshore area to quantify the encroachment issues and meet with individual landowners to qualify the issues from the various landowner perspectives.

Further to the above, the City will compile the archives and documents on the various encroachments throughout the community to be as inclusive as possible.

The intended outcome would be develop a strategy on permitted on non-permitted encroachments.

The project will be require both internal and external resources. The allocated budget in only an order of magnitude to provide seed funding for the project and retain resources. The final budget allocation would be confirm once the final scope of the project is established.

Project Value = \$150,000

Cold Lake Museums Master Plan

The City of Cold Lake developed a Facility Management Plan in 2009 which articulated approximately \$8 million to \$13 million worth of infrastructure and architectural improvements. The following summarizes the some of the order of magnitudes costs by function (based on a 2009 report):

- Architectual/Structure \$4,750,000 to \$8,500,000
- Mechanical \$1,850,000 to \$2,400,000
- Electrical \$1,000,000 to \$2,200,000

This plan only address infrastructure deficiencies and did not get into the dialogue of creating a vision for the museum including insights into facility and landscape architecture enhancements. The allocated budget will enable the City in partnership with the Cold Lake Museum Society to retain resources and industry experts to assist in the development of a master plan.

Project Value = \$100,000

RECREATION INFRASTRUCTURE
(\$3,930,000)

2019 Annual Park Replacement Program

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 replacement had been completed. Now that all parks have been replaced throughout the community, this funding will provide enhancements to parks including structures, benches, garbage containers, etc. The priorities for 2019 are Forest Heights Park and Creekside Estates

Project Value = \$150,000

2019 Park Signage Replacement Program

It is being recommended that Council allocate a budget to initiate the replacement of signs for community parks throughout Cold Lake. Many of the parks sign are deteriorated, missing, or are inconsistent from one park to another.

The initial step would be the development of a consistent theme for park signage throughout the community. We are anticipating that this can be completed internally. Once completed that procurement and installation of the sign would commence.

It should also be noted that some parks are unnamed which will also need to be addressed in the process.

It is anticipated that the duration of the project would take approximately 18 months (inclusive of 2 construction seasons).

Project Value = \$250,000

Mountain Bike Park

In 2017/2018, the City of Cold Lake funded the development of a conceptual design and master plan of a mountain bike park in the community. More specifically, the area around the Cold Lake Museum site was picked for such a development. The conceptual design and master plan was completed in the summer of 2018.

Based on the master plan the following budgets were articulated:

- Mike Skills Park - \$600,000
- Mountain Bike Trails Park - \$400,000

It was understood that Council raised further questions regarding the operational framework and annual costs associated with maintenance of the Mountain Bike Trails Park. The City will consider funding the development after the design of an operational plan and business plan.

Project Value = \$400,000

Kinosoo Beach Phase 3 and 4 - Boardwalk Area and Amphitheatre

The City of Cold Lake has three (3) remaining phases to the Kinosoo Beach Master Plan. Phase 3 includes development to the east of the splash park inclusive of landscaping and a new wooden boardwalk as well as Phase 4 which includes the development of an amphitheatre in the cove near the Water Treatment Plant.

The City of Cold Lake has made a request for grant funding for the project which also utilizes the Municipal Sustainability Initiative (MSI) Program. It is understood that the project is being supported by the Government of Alberta and has been recommended to the Government of Canada for funding. At this time, we have not received a response.

Administration would attempt to complete as much as Phase 3 and Phase 4 of the Kinosoo Beach Program as budget would allow.

Project Value = \$3,000,000

Holiday Season Lighting

This program will allow the City to enhance our Holiday Street lighting and replace the seasonal lights that have been damaged. This project will be funded from restricted reserves with funding that was put aside for this project in past years.

Project Value = \$130,000