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## GENERAL INFORMATION

Under the *Municipal Government Act*, Morinville is required to prepare an annual capital plan for each calendar year. In addition, although not yet enacted, each municipality must prepare a written plan respecting anticipated capital property additions over a period of at least the next 5 financial years. The ***Morinville 2016-35 long Range Capital Plan & 2016 Capital Plan*** responds to these two criteria. The Plan also supports the Town's Vision and Mission:

## VISION

A community's Vision provides a long-term picture of where or what the community wishes to be or become. The Vision also indicates what makes Morinville unique.

***"Morinville, embracing our past; building pride in our future."***

## MISSION

Mission answers a question about what business the community is in. It lets readers know what Morinville does or provides and who benefits.

***"Working together to build a complete community for today and the future through our commitment to the well-being of Morinville."***

**MUNICIPAL SUSTAINABILITY PLAN (MSP)**

Morinville has adopted a Municipal Sustainability Plan (MSP) which is an overarching document that reflects the goals of Morinville through 2035. The MSP, in addition to a 3-year Strategic Plan and other planning documents, guides the preparation of the Capital Plan (Figure 1). Prior to approving 2016 tax rates, these documents, together with updated financial information for 2015, and year-to-date information for 2016 will be provided to Council.



## **CAPITAL PLAN REVIEW AND APPROVAL BY COUNCIL**

For 2016, the following Budget Process was proposed by Council:

**November 5, 2015:** Community meeting to obtain additional input from the community in relation to the budget and strategic initiatives.

**November 10, 2015:** Following two Public presentation relating to the 2016 Budget, Council passed 1<sup>st</sup> reading of 2016 Budget with a number of amendments. Council also requested additional information from Administration in relation to the 2016 Budget to be brought forward to the November 24, 2015 Regular Council meeting.

**November 10, 2015 through December 3, 2015:** Public invited to provide input and feedback through Citizen Budget, email and the November 17, 2015 Committee of the Whole.

**November 17, 2015 Committee of the Whole Meeting:** Council had the opportunity to review information from November 5, 2015.

**November 24, 2015 Council Meeting:** Council postponed 2<sup>nd</sup> Reading of the 2016 Budget to the December 8, 2015 Council meeting in order to consider the impact of the Capital Plan on the Operational budget.

**December 10, 2015:** Council provided 2<sup>nd</sup> and 3<sup>rd</sup> reading of 2016 Operational Budget.

## **PUBLIC ENGAGEMENT OPPORTUNITIES**

The public was encouraged to become involved in the 2016 Budget and Capital process by:

- Attending Public Sessions
- Emailing [budget2016@morinville.ca](mailto:budget2016@morinville.ca)
- Visiting the Morinville's Citizen Budget page via Morinville's Web site [www.morinville.ca](http://www.morinville.ca).



## **CAPITAL PLAN INFORMATION**

The Capital Plan information presented in this draft report is consolidated and organized into the categories of Tax Supported and Utility Supported. The information presented is intended to focus on functional areas in order to illustrate the services and programs offered by each area.

## TAX SUPPORTED CAPITAL PLAN

Morinville's Tax Supported Capital Plan is outlined below. Further detail follows the summary for each of the line items, including planned year of expenditure, funding source and other information.

Project	Total Cost 2016-35
Arena/Recreation Centre	64,250,000
Protective Services Building	18,000,000
Fire Hall Expansion/Enhancement	5,500,000
Park/Sports Field Developments	2,000,000
Demolition/Deconstruction of Arena	2,000,000
Curling Rink Upgrades	250,000
Equipment Cold Storage	75,000
Affordable Housing	750,000
Pedestrian Crosswalk Signage & Flashing Stop Signs	127,000
South Entrance Sign	32,500
Exterior Signage for the MCCC	15,000
Phone System	45,000
Fleet Replacement	7,103,500
East Boundary Road - Cardiff Road to Manawan Canal	24,660,000
Road Rehabilitation & Neighborhood Revitalization	12,065,000
100 Street - Final Upgrade - CN Tracks to Cardiff Road	10,016,702
Roundabouts/Signals	10,013,233
Cardiff Road - 100 Street to East Boundary Road	5,052,000
100 Street - 105 Avenue to North Town Boundary	4,752,000
100 Street Widening - 101 Avenue to 105 Avenue	<u>660,000</u>
<b>Total</b>	<b><u><u>167,366,935</u></u></b>

## **ARENA/RECREATION CENTRE**

Council has determined the need to replace the Ray MacDonald Sports Center and is currently in the process of designing a staged Recreation Centre. The Recreation Centre will be located east of East Boundary Road and north of Highway 642, immediately east of Morinville.

The architecture firm of Architecture Tkalcic Bengert (*Atb*) has been engaged to work with Morinville to design the ultimate buildout of the Recreation Center. Initial plans call for the construction of a 300 seat capacity arena (expandable to 1,000 seat capacity), an indoor field house, walking track and common area. Future stages would include a second arena, aquatic centre, curling rink and outdoor sports amenities. Total buildout is anticipated by 2035.

Funding for the Recreation Centre will come primarily from Provincial Municipal Sustainability Initiative Capital grants and Federal Gas Tax grants, however debenture funding will be required to support construction and repayment of these borrowings will be made from the aforementioned grants.

Construction of the initial stage is expected to be completed by October 2017.

The following table outlines additional information.

Year	\$	Funding Source(s)	Additional Information
2016	4,500,000	MSI Capital, FGT, Debenture, Donations	Site Servicing
2017	22,250,000	MSI Capital, FGT, Debenture, Donations	Arena, Field House & Common Area
2018			
2019			
2020			
2021			
2022	5,000,000	MSI Capital, FGT, Debenture, Donations	Curling Rink & Sports Fields
2023			
2024			
2025			
2026			
2027	10,000,000	MSI Capital, FGT, Debenture, Donations	Second Arena
2028			
2029			
2030			
2031			
2032	22,500,000	MSI Capital, FGT, Debenture, Donations	Aquatic Centre
2033			
2034			
2035			
Total	<u>64,250,000</u>		

## **PROTECTIVE SERVICES BUILDING**

Morinville has contracted municipal policing to the Royal Canadian Mounted Police (RCMP) and currently utilize the federally owned RCMP detachment building in Morinville. The current building also houses Municipal Community Peace Officers and the rural detachment of the RCMP. In addition, Morinville rents to Alberta Health Services the Ambulance Building located on 101 Avenue.

The current RCMP detachment is now at full capacity and options for the future are being considered.

Option 1 – Construct a new enforcement services building to house both the municipal and rural detachments of the RCMP, Community Peace Officers and the Ambulance Services as well as potentially Provincial Sheriffs.

Option 2 – Have the RCMP relocate the rural detachment and continue to utilize the current building for municipal policing.

Morinville currently pays rent to the Federal government for the current building. With Option 2, this rent would continue into the future. Option 1 would have the RCMP pay rent to Morinville for the rural detachment, have Alberta Health Services pay rent for housing the Ambulance services and allow Morinville to sell the existing Ambulance building, and potentially collect rent from the Solicitor General for the housing of the Provincial Sheriffs.

The reduction of rent expense and the increase of rental income from the Federal and Provincial governments would provide sources of income for debenture repayment required to construct the building.

The following table outlines additional information.

Year	\$	Funding Source(s)	Additional Information
2016			
2017			
2018			
2019			
2020	1,080,000	Capital Reserves	
2021	16,920,000	Debenture Funding	Payment would be made from rental income from the Federal & Provincial governments
2022			
2023			
2024			
2025			
2026			
2027			
2028			
2029			
2030			
2031			
2032			
2033			
2034			
2035			
Total	<u>18,000,000</u>		

## **FIRE HALL EXPANSION/ENHANCEMENT**

As Morinville continues to grow, there will be a need to expand the existing Fire hall and/or build a second fire hall to be located south of the CN tracks. The need for the second fire hall is required to meet a 10 minute response time. With the current fire hall be located north of the CN tracks, should there be a fire call for the current business park or South Glens, response time could be delayed due to CN traffic.

Administration feels an expansion of the current fire hall will be required in 2020 with a second fire hall being constructed in 2030.

The following chart outlines additional information.

Year	\$	Funding Source(s)	Additional Information
2016			
2017			
2018			
2019			
2020	1,500,000	Capital Reserves, Capital Grants (TBD)	Expansion of current Fire Hall
2021			
2022			
2023			
2024			
2025			
2026			
2027			
2028			
2029			
2030	4,000,000	Capital Reserves, Capital Grants (TBD)	Fire Hall - South Morinville
2031			
2032			
2033			
2034			
2035			
Total	<u>5,500,000</u>		



## **PARK/SPORTS FIELD DEVELOPMENTS**

Morinville has developed Park concepts for a number of locations. General funding will allow planned develop towards high priority projects allowing for multi stage development that benefits all residents of Morinville.

Staged development of parks allows for development in multiple areas creating larger areas of useable space while spreading costs/available dollars so that more can benefit based on proximity to where they live.

Take advantage of partnerships with local community organizations to combine resources as well look at grant opportunities to maximize project funding options.

The following chart outlines additional information.

Year	\$	Funding Source(s)	Additional Information
2016	100,000	Capital Reserves	
2017	100,000	Capital Reserves	
2018	100,000	Capital Reserves	
2019	100,000	Capital Reserves	
2020	100,000	Capital Reserves	
2021	100,000	Capital Reserves	
2022	100,000	Capital Reserves	
2023	100,000	Capital Reserves	
2024	100,000	Capital Reserves	
2025	100,000	Capital Reserves	
2026	100,000	Capital Reserves	
2027	100,000	Capital Reserves	
2028	100,000	Capital Reserves	
2029	100,000	Capital Reserves	
2030	100,000	Capital Reserves	
2031	100,000	Capital Reserves	
2032	100,000	Capital Reserves	
2033	100,000	Capital Reserves	
2034	100,000	Capital Reserves	
2035	100,000	Capital Reserves	
Total	<u>2,000,000</u>		

**DEMOLITION/DECONSTRUCTION OF ARENA**

Upon completion of the initial stage of the Recreation Centre, there will be a requirement for the deconstruction/demolition of the existing arena. The land that the current arena is situated on is required for the development of the new Sturgeon School Division middle/high school.

The following chart outlines additional information.

Year	\$	Funding Source(s)	Additional Information
2016			
2017	2,000,000	Capital Reserves	
2018			
2019			
2020			
2021			
2022			
2023			
2024			
2025			
2026			
2027			
2028			
2029			
2030			
2031			
2032			
2033			
2034			
2035			
Total <u>2,000,000</u>			

**CURLING RINK UPGRADES**

In planning the Recreation Centre Complex and deconstruction/demolition of the Ray MacDonald Arena, it has been determined that the existing curling rink may be retained. In order to extend the life of the curling rink, it is suggested that work be done to the building, including the replacement of the existing roof at a cost of \$150,000 and other upgrades totaling \$100,000 be done.

The following chart outlines additional information.

Year	\$	Funding Source(s)	Additional Information
2016			
2017	250,000	Capital Reserves	
2018			
2019			
2020			
2021			
2022			
2023			
2024			
2025			
2026			
2027			
2028			
2029			
2030			
2031			
2032			
2033			
2034			
2035			
Total	<u>250,000</u>		

## **EQUIPMENT COLD STORAGE**

PW is in need of additional cold storage space to keep snow removal equipment covered in the off season and similarly keep equipment covered during snow season. In addition, some of our existing cold storage, such as the Alberta Transportation Yard building, is presently utilized to store Peace Officers' vehicles, our utility trailer and the new Community Bus when we have space. With the acquisition of an EOC trailer mounted generator and other seasonal equipment, we no longer have enough cold storage space to accommodate equipment and vehicles. Fireworks requirement for trailer mounted mortar set up also requires space out of the elements to support various festivals.

Replacement value of existing equipment sitting unprotected is approximately \$823,000.

The following chart outlines additional information.

Year	\$	Funding Source(s)	Additional Information
2016	75,000	Capital Reserves	
2017			
2018			
2019			
2020			
2021			
2022			
2023			
2024			
2025			
2026			
2027			
2028			
2029			
2030			
2031			
2032			
2033			
2034			
2035			
Total	<u>75,000</u>		

## **AFFORDABLE HOUSING**

Morinville received provincial grant funding for Affordable Housing a number of years ago. A number of proposals, requiring additional grant funding, have been put forward, however to date additional funding has not been obtained.

Over the past year, Morinville has been working collaboratively with Sturgeon Foundation to develop a 21 suite complex. Should this alternative not be feasible, Morinville will look at other opportunities.

The following chart outlines additional information.

Year	\$	Funding Source(s)	Additional Information
2016	750,000	Affordable Housing Grant	Grant will be used as Morinville contribution to Sturgeon Foundation project.
2017			
2018			
2019			
2020			
2021			
2022			
2023			
2024			
2025			
2026			
2027			
2028			
2029			
2030			
2031			
2032			
2033			
2034			
2035			
Total	<u>750,000</u>		



**PEDESTRIAN CROSSWALK SIGNAGE and FLASHING STOP SIGNS**

The Traffic Advisory committee has determined the need for Pedestrian crosswalk lights to be placed at 107 Street and 100 Avenue as well as the replacement of stop signs at Grandin Drive and 100 Avenue with flashing light stops signs. Cost of the pedestrian crosswalk signs is estimated to be \$115,000 and the stop signs are estimated to cost \$12,000.

Year	\$	Funding Source(s)	Additional Information
2016	127,000	Capital Reserves	
2017			
2018			
2019			
2020			
2021			
2022			
2023			
2024			
2025			
2026			
2027			
2028			
2029			
2030			
2031			
2032			
2033			
2034			
2035			
Total <u>127,000</u>			

## SOUTH ENTRANCE SIGN

The replacement of the south entrance sign has been delayed for a number of years, pending Alberta Transportation's plan for the intersection at Cardiff Road and Highway 2. As the current intersection is operating well and the construction of an interchange appears to be delayed indefinitely, the replacement of the existing entrance sign would be appropriate to consider for inclusion in the Long Range Capital Plan.

Year	\$	Funding Source(s)	Additional Information
2016	32,500	Capital Reserves	
2017			
2018			
2019			
2020			
2021			
2022			
2023			
2024			
2025			
2026			
2027			
2028			
2029			
2030			
2031			
2032			
2033			
2034			
2035			
Total	<u>32,500</u>		

## **EXTERIOR SIGNAGE FOR THE MCCC**

Over the past few years, the need for signage at the Morinville Community Cultural Center has been identified. Signage would provide an additional platform for communication and promotion of Town programs, services and events.

- Signage would provide opportunities for partnerships and facility usage with local schools.
- Signage would promote use of a variety of rental space for local organizations, corporate, community and private events that bring pride to the community and earned income to the facility.
- Signage would enhance the identity and pride of the facility.

The following chart outlines additional information.

Year	\$	Funding Source(s)	Additional Information
2016	15,000	Capital Reserves	
2017			
2018			
2019			
2020			
2021			
2022			
2023			
2024			
2025			
2026			
2027			
2028			
2029			
2030			
2031			
2032			
2033			
2034			
2035			
Total	<u>15,000</u>		

## TELEPHONE SYSTEM REPLACEMENT

A need for the replacement of the current telephone system has come to light. The infrastructure supporting the phone system is no longer supported by the vendor and should this equipment fail, administration would not have a back-up system in place. In order to provide uninterrupted service to the community, replacement of the system is important.

The following chart outlines additional information.

Year	\$	Funding Source(s)	Additional Information
2016	45,000	Capital Reserves	
2017			
2018			
2019			
2020			
2021			
2022			
2023			
2024			
2025			
2026			
2027			
2028			
2029			
2030			
2031			
2032			
2033			
2034			
2035			
Total	<u>45,000</u>		

## FLEET REPLACEMENT

Morinville has established a fleet replacement policy. The policy outlines the timing of fleet replacement to ensure that the fleet is kept relatively modern and that fair value can be obtained in the retirement of current fleet.

The following table outlines additional information.

Year	\$	Funding Source(s)	Additional Information
2016	271,500	MSI Capital, Capital Reserves	
2017	391,000	MSI Capital, Capital Reserves	
2018	313,000	MSI Capital, Capital Reserves	
2019	233,000	MSI Capital, Capital Reserves	
2020	350,000	MSI Capital, Capital Reserves	
2021	159,000	MSI Capital, Capital Reserves	
2022	408,000	MSI Capital, Capital Reserves	
2023	683,000	MSI Capital, Capital Reserves	
2024	400,000	MSI Capital, Capital Reserves	
2025	250,000	MSI Capital, Capital Reserves	
2026	400,000	MSI Capital, Capital Reserves	
2027	400,000	MSI Capital, Capital Reserves	
2028	325,000	MSI Capital, Capital Reserves	
2029	250,000	MSI Capital, Capital Reserves	
2030	350,000	MSI Capital, Capital Reserves	
2031	160,000	MSI Capital, Capital Reserves	
2032	410,000	MSI Capital, Capital Reserves	
2033	700,000	MSI Capital, Capital Reserves	
2034	400,000	MSI Capital, Capital Reserves	
2035	250,000	MSI Capital, Capital Reserves	
Total	<u>7,103,500</u>		

**EAST BOUNDARY ROAD – CARDIFF ROAD TO MANAWAN CANAL**

Morinville has identified East Boundary Road as a major thorough fare within Morinville. The road is currently a rural standard, gravel road. As the community grows, there will be a need to improve the road to a rural/urban paved standard road. Engineering has begun on the roadway. The engineered plans will assist Morinville in applying for Federal Provincial grants should the grants become available. Work on the first section is planned for 2025 but may be delayed until suitable funding is available.

Please refer to the following table for additional information.

Year	\$	Funding Source(s)	Additional Information
2016			
2017			
2018			
2019			
2020			
2021			
2022			
2023			
2024			
2025	13,200,000	Offsite Levies, Federal Provincial grants	Upgrade to 2 lane urban/rural standard
2026			
2027			
2028			
2029			
2030			
2031			
2032			
2033	11,460,000	Offsite Levies, Federal Provincial grants	Upgrade to 4 lane urban rural standard
2034			
2035			
Total	<u>24,660,000</u>		

**ROAD REHABILITATION & NEIGHBORHOOD REVITALIAZTION**

Over the past number of years, Morinville has been using the Provincial Basic Municipal Transportation Grant to fund the overlay of existing Morinville roads, major repair of bridgework, the replacement of sidewalks as well as trail restoration and enhancement. Morinville utilizes road analytics to determine the timing of this major road maintenance.

The following table provides additional information.

Year	\$	Funding Source(s)	Additional Information
2016	765,000	Basic Municipal Transportation Grant (MSI)	
2017	550,000	Basic Municipal Transportation Grant (MSI)	
2018	550,000	Basic Municipal Transportation Grant (MSI)	
2019	600,000	Basic Municipal Transportation Grant (MSI)	
2020	600,000	Basic Municipal Transportation Grant (MSI)	
2021	600,000	Basic Municipal Transportation Grant (MSI)	
2022	600,000	Basic Municipal Transportation Grant (MSI)	
2023	600,000	Basic Municipal Transportation Grant (MSI)	
2024	600,000	Basic Municipal Transportation Grant (MSI)	
2025	600,000	Basic Municipal Transportation Grant (MSI)	
2026	600,000	Basic Municipal Transportation Grant (MSI)	
2027	600,000	Basic Municipal Transportation Grant (MSI)	
2028	600,000	Basic Municipal Transportation Grant (MSI)	
2029	600,000	Basic Municipal Transportation Grant (MSI)	
2030	600,000	Basic Municipal Transportation Grant (MSI)	
2031	600,000	Basic Municipal Transportation Grant (MSI)	
2032	600,000	Basic Municipal Transportation Grant (MSI)	
2033	600,000	Basic Municipal Transportation Grant (MSI)	
2034	600,000	Basic Municipal Transportation Grant (MSI)	
2035	600,000	Basic Municipal Transportation Grant (MSI)	
Total	<u>12,065,000</u>		



**100 STREET – FINAL UPGRADE – CN TRACKS TO CARDIFF ROAD**

Morinville’s Transportation Plan, 2004 and the Municipal Development Plan both speak to the need for improvements on 100th Street from the CN Tracks to Cardiff Road. The roadwork is currently planned for 2025, however there is some flexibility in the timing of this work.

The following table provides additional information.

Year	\$	Funding Source(s)	Additional Information
2016			
2017			
2018			
2019			
2020			
2021			
2022			
2023			
2024			
2025	10,016,702	Capital Reserves, Debenture Funding, Government Grants (TBD), Offsite levies	Funding for this project will be 50% by Offsite Levies.
2026			
2027			
2028			
2029			
2030			
2031			
2032			
2033			
2034			
2035			
Total	<u>10,016,702</u>		

**ROUNDBABOUTS/SIGNALS**

The Municipal Development Plan and the Highway 642 Functional Plan call for Roundabouts to be placed at 107<sup>th</sup> Street, 102 Street and Grandin Road. Currently construction is slated for 2018, 2020 and 2023. As the roadway is currently under the jurisdiction of Alberta Transportation (AT), final approval will be required from AT prior to construction. AT may be a source of funding for these projects.

The following table provides additional information.

Year	\$	Funding Source(s)	Additional Information
2016			
2017			
2018	1,022,836	AT Funding, Capital Reserves	
2019			
2020	4,047,852	AT Funding, Capital Reserves	
2021			
2022			
2023	2,566,540	AT Funding, Capital Reserves	
2024			
2025			
2026			
2027			
2028			
2029			
2030			
2031			
2032			
2033	2,376,005	AT Funding, Capital Reserves	
2034			
2035			
Total	<u>10,013,233</u>		

**CARDIFF ROAD – 100 STREET TO EAST BOUNDARY ROAD**

Improvements to Cardiff Road have been identified in both the Transportation Master Plan and the Municipal Development Plan. The roadway is currently a 2 lane paved rural standard road without shoulders.

The following table outlines additional information.

Year	\$	Funding Source(s)	Additional Information
2016			
2017			
2018			
2019			
2020			
2021			
2022			
2023	5,052,000	Capital Reserves, Government Grants (TBD), Offsite Levies	50% of funding to come from Offsite Levies
2024			
2025			
2026			
2027			
2028			
2029			
2030			
2031			
2032			
2033			
2034			
2035			
Total	<u>5,052,000</u>		

**100 STREET – 105 AVENUE TO NORTH TOWN BOUNDARY**

Improvements to 100th Street have been identified in both the Transportation Master Plan and the Municipal Development Plan. The roadway is currently a 2 lane paved rural standard road without shoulders.

The following table outlines additional information.

Year	\$	Funding Source(s)	Additional Information
2016			
2017			
2018			
2019			
2020			
2021			
2022			
2023	4,752,000	Capital Reserves, Government Grants (TBD), Offsite Levies	50% of funding to come from Offsite Levies
2024			
2025			
2026			
2027			
2028			
2029			
2030			
2031			
2032			
2033			
2034			
2035			
Total	<u>4,752,000</u>		

**100 STREET WIDENING – 101 AVENUE TO 105 AVENUE**

Improvements to 100th Street have been identified in both the Transportation Master Plan and the Municipal Development Plan. The roadway is currently a 2 lane paved rural standard road without shoulders.

The following table outlines additional information.

Year	\$	Funding Source(s)	Additional Information
2016			
2017			
2018			
2019			
2020			
2021			
2022			
2023			
2024			
2025			
2026			
2027			
2028			
2029			
2030			
2031			
2032			
2033			
2034			
2035	660,000	Capital Reserves, Government Grants (TBD), Offsite Levies	50% of funding to come from Offsite Levies
Total	<u>660,000</u>		

## UTILITY SUPPORTED CAPITAL PLAN

Morinville's Utility Supported Capital Plan is outlined below. Further detail follows the summary for each of the line items, including planned year of expenditure, funding source and other information.

Project	Total Cost 2016-35
Storm Water Lift Station Upgrade	860,000
Utility Upgrades	2,000,000
Business Park Lift Station	6,600,000
New Business Park Forcemain	3,168,000
Westwinds Lift Station	1,584,000
Section 4 Lift Station	1,584,000
Westwinds Forcemain to Business Park	297,000
Section 4 Forcemain	264,000
101 Avenue Sanitary Upgrade	190,080
Milford Avenue Sanitary Upgrade	148,500
Reservoir addition	5,544,000
300 mm Watermain 104 Street - 99 Avenue to 97 Avenue	422,400
300 mm Watermain on 104 Avenue - 101a Street across CN	415,800
Add 3rd Pump at Booster Station	396,000
Upgrade Original Pumps - 100 - 155 Ips	396,000
Upgrade 2nd Original pump from 100 to 155 Ips	396,000
250 mm Watermain - 101 Avenue - 103 Street to 105 Street	297,000
300 mm Watermain - from North Reservoir to 100 Street	198,000
Waterline Valve Replacement	163,000
300 mm Watermain - 107 Street past Extreme Sports Park	99,000
<b>Total</b>	<b><u>25,022,780</u></b>

## STORM WATER LIFT STATION UPGRADE

The current storm water lift station (SWLS) located north of the Sunshine/Lakes area was built in the early 1980's. There are 2 screw pumps of the same vintage with only one remaining in operation therefore no longer offering any contingency to preventing flooding especially during spring thaw and high wet weather events. This SWLS provides stormwater management for the entire Sunshine Estates area and Champlain District.

Due to the age of these screw pumps, they are no longer being fabricated thus the requirement to look at alternative pumping scenarios and installation cost estimates. Similarly, the electrical and mechanical systems require some upgrading in order to meet building codes and OH&S standards.

Year	\$	Funding Source(s)	Additional Information
2016	860,000	Utility Capital Reserves	
Total	<u>860,000</u>		

## UTILITY UPGRADES

In previous years, several utility based projects were funded separately due to their nature and specific magnitude. Those include manhole relining, hydrant/water valves replacement as well as water meter replacement program. As those programs are now implemented without requiring constant support, administration has grouped those utility based projects under one maintenance project in order to gain flexibility and respond to unforeseen failures in a more efficient fashion while staying within the utilities full cost recovery model. The majority of the work over the next few years will target water/hydrant valves replacement and/or repairs. The issue at present is mainly that Morinville staff is not able to isolate small areas of town to do repairs on hydrants, valves or broken waterlines. This results in large areas of Morinville being shut down when these repairs occur. This issue also prevents some regular maintenance due to the condition of the valves. We are unable to do an annual exercise on each valve as it results in leaks when the valve is in the off position.

Alberta Environment would like Morinville to do unidirectional flushing of our hydrants on an annual basis; however this is not possible when we cannot operate all of the valves. It is much safer and cheaper to replace a valve on a schedule which we dictate rather than waiting for it to leak. Leaking valves will saturate the surrounding area causing damage to roads and private property. Grants associated with this type of maintenance will still apply and will be tracked accordingly. All infrastructure work is tracked and logged within our GIS system as part of our asset management. Larger individual capital projects will come to Council as a separate submission.

The following table provides additional information.



Year	\$	Funding Source(s)	Additional Information
2016	100,000	Federal Gas Tax	
2017	100,000	Federal Gas Tax	
2018	100,000	Federal Gas Tax	
2019	100,000	Federal Gas Tax	
2020	100,000	Federal Gas Tax	
2021	100,000	Federal Gas Tax	
2022	100,000	Federal Gas Tax	
2023	100,000	Federal Gas Tax	
2024	100,000	Federal Gas Tax	
2025	100,000	Federal Gas Tax	
2026	100,000	Federal Gas Tax	
2027	100,000	Federal Gas Tax	
2028	100,000	Federal Gas Tax	
2029	100,000	Federal Gas Tax	
2030	100,000	Federal Gas Tax	
2031	100,000	Federal Gas Tax	
2032	100,000	Federal Gas Tax	
2033	100,000	Federal Gas Tax	
2034	100,000	Federal Gas Tax	
2035	100,000	Federal Gas Tax	
Total	<u>2,000,000</u>		

## BUSINESS PARK LIFT STATION

Sanitary capacity on the lands south of the CN track as the current system is approaching theoretical capacity. Future development will trigger the need to construct a new business park lift station, construct a new force main from the lift station to the Alberta Capital Region Wastewater Lift Station.

The following table provides additional information.

Year	\$	Funding Source(s)	Additional Information
2018	6,600,000	Utility Capital Reserves, Offsite Levies	75% funding would come from offsite reserves
Total	<u>6,600,000</u>		

## NEW BUSINESS PARK FORCEMAIN

Sanitary capacity on the lands south of the CN track as the current system is approaching theoretical capacity. Future development will trigger the need to construct a new business park lift station, construct a new force main from the lift station to the Alberta Capital Region Wastewater Lift Station.

The following table provides additional information.

2019	3,168,000	Utility Capital Reserves, Offsite Levies	75% funding would come from offsite reserves
Total	<u>3,168,000</u>		

## WESTWINDS LIFT STATION

Sanitary capacity on the lands south of the CN track as the current system is approaching theoretical capacity. Future development will trigger the need to construct a new business park lift station, construct a new force main from the lift station to the Alberta Capital Region Wastewater Lift Station.

The following table provides additional information.

2017	1,584,000	Offsite Levies	
Total	<u>1,584,000</u>		

#### SECTION 4 LIFT STATION

Sanitary capacity on the lands north Olde Downtown and the Houle District will require servicing. While this work will be developer driven and funded through Offsite Levies, there will be a need for inclusion in the long range capital plan.

The following table provides additional information.

2035	1,584,000	Offsite Levies	
Total	<u>1,584,000</u>		

### WESTWINDS LIFT FORCEMAIN TO BUSINESS PARK

Sanitary capacity on the lands south of the CN track as the current system is approaching theoretical capacity. Future development will trigger the need to construct a new business park lift station, construct a new force main from the lift station to the Alberta Capital Region Wastewater Lift Station.

The following table provides additional information.

2017	297,000	Offsite Levies	
Total	<u>297,000</u>		

#### SECTION 4 LIFT FORCEMAIN

Sanitary capacity on the lands north Olde Downtown and the Houle District will require servicing. While this work will be developer driven and funded through Offsite Levies, there will be a need for inclusion in the long range capital plan.

The following table provides additional information.

2035	264,000	Offsite Levies	
Total	<u>264,000</u>		

**101 AVENUE SANITARY UPGRADE**

Sanitary capacity on the lands north Olde Downtown and the Houle District will require servicing. While this work will be developer driven and funded through Offsite Levies, there will be a need for inclusion in the long range capital plan.

The following table provides additional information.

2017	190,080	Offsite Levies	
Total	<u>190,080</u>		



## MILFORD AVENUE SANITARY UPGRADE

Sanitary capacity on the lands south of the CN track as the current system is approaching theoretical capacity. Future development will trigger the need to construct a new business park lift station, construct a new force main from the lift station to the Alberta Capital Region Wastewater Lift Station.

The following table provides additional information.

2018	148,500	Offsite Levies	
Total	<u>148,500</u>		

**RESERVOIR ADDITION**

As Morinville’s population increases and upon exceeding 20,000 residents, there will be a need to construct a third water reservoir.

The following table provides additional information.

2035	5,544,000	Offsite Levies, Utility Capital Reserves	
Total	<u>5,544,000</u>		

**WATERMAIN – 104 STREET – 99 AVENUE TO 97 AVENUE**

Utilities Master Plan has identified the need for the looping of water mains to ensure that residents and businesses have an uninterrupted supply of water as well as providing fire protection flows for the entire system. This section of work is currently scheduled for 2016. This water main would also provide service for the Sturgeon School Division new school construction.

2016	422,400	Utility Capital Reserves	
Total	<u>422,400</u>		

**WATERMAIN 104 AVENUE – 101a STREET ACROSS CN TRACKS**

Utilities Master Plan has identified the need for the looping of water mains to ensure that residents and businesses have an uninterrupted supply of water as well as providing fire protection flows for the entire system.

2027	415,800	Utility Capital Reserves	
Total	<u>415,800</u>		

### ADD THIRD PUMP AT BOOSTER STATION

Morinville, together with Sturgeon County and the Town of Legal operate the Morinville Regional Water Line (MRWL) from St. Albert to Morinville. The current capacity of the waterline under a gravity feed is 100 liters per second. As demand increases there will be a need to increase this capacity from 100 liters per second to 200 liters per second and ultimately to 300 liters per second. Costs represented are Morinville's share of these additions (65.3% of total costs).

Additional information relating to this project is below.

2024	396,000	Utility Capital Reserves	
Total	<u>396,000</u>		

**UPGRADE ORIGINAL PUMPS – 100 TO 155 LITERS PER SECOND**

Morinville, together with Sturgeon County and the Town of Legal operate the Morinville Regional Water Line (MRWL) from St. Albert to Morinville. The current capacity of the waterline under a gravity feed is 100 liters per second. As demand increases there will be a need to increase this capacity from 100 liters per second to 200 liters per second and ultimately to 300 liters per second. Costs represented are Morinville’s share of these additions (65.3% of total costs).

Additional information relating to this project is below.

2027	396,000	Utility Capital Reserves	
Total	<u>396,000</u>		

**UPGRADE 2<sup>ND</sup> ORIGINAL PUMP FROM 100 TO 155 LITERS PER SECOND**

Morinville, together with Sturgeon County and the Town of Legal operate the Morinville Regional Water Line (MRWL) from St. Albert to Morinville. The current capacity of the waterline under a gravity feed is 100 liters per second. As demand increases there will be a need to increase this capacity from 100 liters per second to 200 liters per second and ultimately to 300 liters per second. Costs represented are Morinville’s share of these additions (65.3% of total costs).

Additional information relating to this project is below.

2035	396,000	Utility Capital Reserves	
<p>Total      <u>          396,000</u></p>			

**250 mm WATERMAIN – 101 AVENUE – 103 STREET TO 105 STREET**

Utilities Master Plan has identified the need for the looping of water mains to ensure that residents and businesses have an uninterrupted supply of water as well as providing fire protection flows for the entire system.

2026	297,000	Utility Capital Reserves	
Total	<u>297,000</u>		



**300 mm WATERMAIN – FROM NORTH RESERVOIR TO 100 STREET**

Utilities Master Plan has identified the need for the looping of water mains to ensure that residents and businesses have an uninterrupted supply of water as well as providing fire protection flows for the entire system.

2016	198,000	Utility Capital Reserves	
Total	<u>198,000</u>		

## WATERLINE VALVE REPLACEMENT

Morinville, together with Sturgeon County and the Town of Legal operate the Morinville Regional Water Line (MRWL) from St. Albert to Morinville. There will be a need for waterline valve replacement in 2017.

Additional information relating to this project is below.

2017	163,000	Utility Capital Reserves	
Total	<u>163,000</u>		

**300 mm WATERMAIN – 107 STREET PAST EXTREME SPORTS PARK**

Utilities Master Plan has identified the need for the looping of water mains to ensure that residents and businesses have an uninterrupted supply of water as well as providing fire protection flows for the entire system.

2027	99,000	Utility Capital Reserves	
Total	<u>99,000</u>		

## CAPITAL RESERVES

Morinville, under their Capital Reserves policy, maintains a number of Capital and Operational Reserves. The following tables outline these reserves as at December 31, 2014.

Operating Reserves	
General Operating	1,103,454
Traffic Safety Committee	16,000
Water Contingency	238,692
Sanitary Contingency	160,544
Total Operating Reserves	<u>1,518,690</u>

Capital Reserves	
General Capital	3,038,735
Community Cultural Centre	(951,974)
Water Capital	796,843
Sanitary Capital	157,196
Storm Sewer Capital	41,561
Transportation	35,544
Fire Vehicles	152,306
Public Works Vehicles	248,166
Office Equipment	35,574
Parks, Recreation and Culture	5,612
Recreation Developer	<u>309,621</u>
Total	<u>3,869,184</u>

Offsite Levies	
Transportation	1,221,008
Sanitary	477,185
Water	<u>672,604</u>
Total Operating Reserves	<u><u>2,370,797</u></u>

Summary	
Operational	1,518,690
Capital	3,869,184
Offsite Levies	<u>2,370,797</u>
Total Operating Reserves	<u><u>7,758,671</u></u>

## DEBENTURE DEBT

Section 276(2) of the Municipal Government Act requires that debt and debt limits as defined by Alberta Regulation 255/2000 for the Town be disclosed as follows:

Total Debt Limit	26,484,822
Total Debt	<u>(4,012,708)</u>
Total Amount of Unused Debt	<u>22,472,114</u>
Debt Servicing Limit	4,414,137
Debt Servicing	<u>(988,424)</u>
Total Amount of Unused Servicing	<u>3,425,713</u>

The debt limit is calculated at 1.50 times revenue of the Town (as defined in the Alberta Regulation 255/2000) and the debt service limit is calculated as 0.25 times such revenue.

Incurring debt beyond these limitations requires approval by the Minister of Municipal Affairs. These thresholds are a conservative guideline used by Alberta Municipal Affairs to identify municipalities that could be at a financial risk if further debt is acquired. The calculation taken alone does not represent the financial stability of the Town. Rather, the financial statements must be interpreted as a whole.

Morinville, at the end of 2014 as indicated in the above table had debenture debt totaling \$4,012,708. The following tables outline information related to specific debentures.

Morinville Community Cultural Centre			
At Dec. 31	Payment	Balance	Payment Including Interest
2014		935,565	
2015	620,208	315,357	637,824
2016	315,357	-	318,912

St. Germain Place			
At Dec. 31	Payment	Balance	Total Payment Including Interest
2014		2,427,688	
2015	166,347	2,261,341	229,204
2016	170,757	2,090,584	229,204
2017	175,284	1,915,300	229,204
2018	179,932	1,735,368	229,204
2019	184,703	1,550,665	229,204
2020	189,600	1,361,065	229,204
2021	194,627	1,166,438	229,204
2022	199,787	966,651	229,204
2023	205,084	761,567	229,204
2024	210,521	551,046	229,204
2025	216,103	334,943	229,204
2026	221,833	113,110	229,204
2027	113,110	-	114,602

Business Park Improvements			
At Dec. 31	Payment	Balance	Total Payment Including Interest
2014		220,128	
2015	39,049	181,079	52,258
2016	41,393	139,686	52,258
2017	43,876	95,810	52,258
2018	46,509	49,301	52,258
2019	49,301	-	52,258

Ray MacDonald Arena			
At Dec. 31	Payment	Balance	Total Payment Including Interest
2014		429,329	
2015	43,378	385,951	69,137
2016	45,980	339,971	69,137
2017	48,739	291,232	69,137
2018	51,663	239,569	69,137
2019	54,764	184,805	69,137
2020	58,049	126,756	69,137
2021	61,532	65,224	69,137
2022	65,224	-	69,137



## GRANTS

Morinville receives Capital Grants from the Province for various capital projects. These grants include the Municipal Sustainability Initiative Capital grant (MSI), Basic Municipal Transportation Grant (now consolidated with MSI Capital) and the Federal Gas Tax Fund.

## MSI CAPITAL

Since the program was announced in 2007, municipalities have been allocated almost \$6.7 billion in Municipal Sustainability Initiative (MSI) Capital funding to meet the demands of growth, address local infrastructure needs, and enhance municipal sustainability.

The Basic Municipal Transportation Grant was consolidated with the MSI capital program in 2014 resulting in increased program flexibility.

All municipalities in Alberta are eligible to receive MSI Capital funding based on their long-term funding agreement.

Eligible project costs directly result in, relate to, or support, the acquisition, construction, development, betterment, rehabilitation or non-routine maintenance of capital assets in a variety of project categories. General types of capital projects include municipal roads, bridges, public transit, water and wastewater systems, emergency services facilities and equipment, solid waste management facilities and equipment, and other municipal buildings and facilities such as recreation and sports facilities, libraries, public works buildings, and cultural/community centers.

MSI funds may be combined with, or used to fund the municipal contribution required under other provincial-municipal or federal-municipal grant programs, unless doing so is prohibited by that program.

Budget allocation for 2014 - \$1,579,663

Budget allocation for 2015 - \$1,663,035

## BASIC MUNICIPAL TRANSPORTATION GRANT

The Basic Municipal Transportation Grant (BMTG) program provides allocation-based support to Alberta municipalities for capital transportation infrastructure.

Provincial grant funding is provided annually to municipalities for eligible priority transportation infrastructure. The Minister approves the annual allocations and municipalities must submit a list of proposed work (Application for Program Acceptance - APA) for coming years. APAs must be completed through the Transportation Department's online system: Municipal Grants Management Application (MGMA).

Eligible capital projects include: construction and rehabilitation of local and regional roads and streets, rehabilitation and construction of municipal bridges, and municipally-owned infrastructure for transit service systems (e.g. light rail train lines and stations, bus terminals and transit passenger vehicles such as buses and light rail trains).

Effective April 1st, 2014, this program is consolidated with the Municipal Sustainability Initiative (MSI) Capital Program, administered by Municipal Affairs. Applications proposing to use BMTG funding allocated in 2013 and previous years should continue to be submitted to Alberta Transportation.

Budget allocation for 2014 - \$514,140

Budget allocation for 2015 - \$564,120

## **FEDERAL GAS TAX FUND**

The renewed Federal Gas Tax Fund (FGT) was introduced in 2014 as a 10 year program running from 2014-15 to 2023-24. The FGT, a component of the New Building Canada Plan (NBCP), is a federal program that provides predictable, long-term, stable funding for Canadian municipalities to help them build and revitalize their local public infrastructure while creating jobs and long-term prosperity. Under the program, funding is provided to provinces and territories which in turn flow this funding to their municipalities and/or municipal associations.

Budget allocation for 2014 - \$465,686

Budget allocation for 2015 - \$492,880

## UTILIZATION OF GRANT FUNDING

Basic Municipal Transportation Grant					
	Carry Forward	Grant	Total Available	Road Program	Carry Forward
2016	289,240	564,120	853,360	765,000	88,360
2017	88,360	564,120	652,480	550,000	102,480
2018	102,480	564,120	666,600	550,000	116,600
2019	116,600	575,000	691,600	600,000	91,600
2020	91,600	575,000	666,600	600,000	66,600
2021	66,600	575,000	641,600	600,000	41,600
2022	41,600	575,000	616,600	600,000	16,600
2023	16,600	600,000	616,600	600,000	16,600
2024	16,600	600,000	616,600	600,000	16,600
2025	16,600	600,000	616,600	600,000	16,600
2026	16,600	600,000	616,600	600,000	16,600
2027	16,600	600,000	616,600	600,000	16,600
2028	16,600	600,000	616,600	600,000	16,600
2029	16,600	600,000	616,600	600,000	16,600
2030	16,600	600,000	616,600	600,000	16,600
2031	16,600	600,000	616,600	600,000	16,600
2032	16,600	600,000	616,600	600,000	16,600
2033	16,600	600,000	616,600	600,000	16,600
2034	16,600	600,000	616,600	600,000	16,600
2035	16,600	600,000	616,600	600,000	16,600

MSI Capital

	Carry Forward	Grant	Total Available	Fleet Replacement	Recreation Centre	Carry Forward
2016	2,068,191	1,663,035	3,731,226	271,500	3,459,726	-
2017	-	1,663,035	1,663,035	391,000	1,272,035	-
2018	-	1,663,035	1,663,035	313,000	1,350,035	-
2019	-	1,663,035	1,663,035	233,000	1,430,035	-
2020	-	1,663,035	1,663,035	350,000	1,313,035	-
2021	-	1,663,035	1,663,035	159,000	1,504,035	-
2022	-	1,663,035	1,663,035	408,000	1,255,035	-
2023	-	1,663,035	1,663,035	683,000	980,035	-
2024	-	1,663,035	1,663,035	400,000	1,263,035	-
2025	-	1,663,035	1,663,035	250,000	1,413,035	-
2026	-	1,663,035	1,663,035	400,000	1,263,035	-
2027	-	1,663,035	1,663,035	400,000	1,263,035	-
2028	-	1,663,035	1,663,035	325,000	1,338,035	-
2029	-	1,663,035	1,663,035	250,000	1,413,035	-
2030	-	1,663,035	1,663,035	350,000	1,313,035	-
2031	-	1,663,035	1,663,035	160,000	1,503,035	-
2032	-	1,663,035	1,663,035	410,000	1,253,035	-
2033	-	1,663,035	1,663,035	700,000	963,035	-
2034	-	1,663,035	1,663,035	400,000	1,263,035	-
2035	-	1,663,035	1,663,035	250,000	1,413,035	-

FGT

	Carry Forward	Grant	Total Available	Utility Upgrade	Recreation Center	Carry Forward
2016	-	492,880	492,880	100,000	392,880	-
2017	-	492,880	492,880	100,000	392,880	-
2018	-	492,880	492,880	100,000	392,880	-
2019	-	492,880	492,880	100,000	392,880	-
2020	-	492,880	492,880	100,000	392,880	-
2021	-	492,880	492,880	100,000	392,880	-
2022	-	492,880	492,880	100,000	392,880	-
2023	-	492,880	492,880	100,000	392,880	-
2024	-	492,880	492,880	100,000	392,880	-
2025	-	492,880	492,880	100,000	392,880	-
2026	-	492,880	492,880	100,000	392,880	-
2027	-	492,880	492,880	100,000	392,880	-
2028	-	492,880	492,880	100,000	392,880	-
2029	-	492,880	492,880	100,000	392,880	-
2030	-	492,880	492,880	100,000	392,880	-
2031	-	492,880	492,880	100,000	392,880	-
2032	-	492,880	492,880	100,000	392,880	-
2033	-	492,880	492,880	100,000	392,880	-
2034	-	492,880	492,880	100,000	392,880	-
2035	-	492,880	492,880	100,000	392,880	-