

# **Town of Morinville 2018 Capital Plan Long Range Capital Plan**

**First Reading – January 23, 2018  
Second Reading – February 13, 2018  
Third Reading – February 27, 2018**

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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 2018-2038 Long Range Capital Plan & 2018 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 2018 tax rates and utility levies these documents, together with updated financial information for 2016, and year-to-date information for 2017 are provided to Council.



## **BUDGET REVIEW AND APPROVAL BY COUNCIL**

For 2018, the following Budget timelines were approved by Council:

**November 28, 2017 Council Meeting:** First Reading of 2018 Utility Bylaws received

**December 5, 2017:** MSP Review, 2018-2020 Strategic Planning Session

**December 12, 2017 Council Meeting:**

Second & Third Reading of 2018 Utility Bylaws Received

2018 Budget Timeline Approved

2018 Interim Operating Budget passed

**December 19, 2017 Committee of Whole:** Community Group 2018 Budget Presentations

**January 11-12, 2018:** Council and Administration attended a budget retreat where the draft 20 year (2018-2038) Long Range Capital Plan and the 2018 Departmental Operating Budgets were reviewed.

**January 23, 2018:**

1st Reading of 2018 Operating and Capital Budget

2018 – 2020 Strategic Plan approved

**January 26 through February 9, 2018:** Public invited to provide input and feedback through Citizen Budget by visiting [www.morinville.ca](http://www.morinville.ca) and by email at [budget2018@morinville.ca](mailto:budget2018@morinville.ca)

**January 30, 2018:** Budget Open House / Presentations. The 2018 – 2020 Strategic Plan, the 20 year (2018-2038) Long Range Capital Plan as well as the 2018 Operating Budget has been presented.

**February 13, 2018 Council Meeting:**

2<sup>nd</sup> Reading of the 2018 Operating and Capital Budget

**February 20, 2018 Committee of Whole Meeting:** Citizen Engagement final report review

**February 27, 2018 Council Meeting:**

3<sup>rd</sup> Reading of the 2018 Operational and Capital Budget

2018 Business Plan for information – to Follow

**March 13, 2018 Governance, Finance & Audit Committee Meeting:** Review budget process

## WORK IN PROGRESS CAPITAL PLAN



## 2017 Work in Progress Capital Summary of Projects

| CAPITAL PROJECT  | Approved Budget   | Spending to Nov 30, 2017 | Carry Forward     |
|--|-------------------|--------------------------|-------------------|
| <b>TAX SUPPORTED PROJECTS</b>  |                   |                          |                   |
| 2017 Road Rehabilitation and Neighborhood Revitalization   | 830,000           | 204,615                  | 625,385           |
| Arena/Recreation Complex   | 24,300,000        | 447,832                  | 23,852,168        |
| WAN Wireless Link Replacement  | 160,000           | 149,594                  | 10,406            |
| Emergency Generator / Storage Building for Town Office   | 50,000            | -                        | 50,000            |
| South Glens Paving   | 500,000           | 262,618                  | 237,382           |
| PW Parking Lot   | 50,000            | 10,884                   | 39,116            |
| Street Lights - 100th Street & Cardiff Road  | 105,000           | 9,837                    | 95,163            |
| * East Boundary Road Design  | 36,458            | -                        | 36,458            |
| * Affordable Housing Project   | 725,000           | 22,945                   | 702,055           |
| * Rec Centre - Initial Phase (Land plus Servicing)   | 2,328,662         | 293,248                  | 2,035,414         |
| * 2016 Road Rehabilitation and Neighborhood Revitalization (EBR Bridge Upgrades)                         | 388,945           | 273,577                  | 115,368           |
| <b>Total Tax Supported Capital Projects</b>  | <b>29,474,065</b> | <b>1,675,150</b>         | <b>27,798,915</b> |
| <b>UTILITY SUPPORTED PROJECTS</b>  |                   |                          |                   |
| Waterline Valves Replacement   | 175,000           | 45,741                   | 129,259           |
| <b>Total Utility Supported Capital Projects</b>  | <b>175,000</b>    | <b>45,741</b>            | <b>129,259</b>    |
| <b>Total Capital Projects</b>  | <b>29,649,065</b> | <b>1,720,891</b>         | <b>27,928,174</b> |
| * Project budget approved prior to 2017. These "Approved Budgets" reflect the remaining approved budget. |                   |                          |                   |

## CAPITAL BUDGET AMENDMENTS

The following is a summary of the capital budget amendments which were passed by Council during the budget process:

### 1st Reading - Consolidated Capital Plan

|  |                            |
|--|----------------------------|
| Tax Supported Project Total                          | \$ 2,616,300               |
| Utility Supported Project Total                      | <u>2,161,000</u>           |
| <b>Total 1st Reading - Consolidated Capital Plan</b> | <b><u>\$ 4,777,300</u></b> |

### 2nd Reading - Capital Plan Amendments

|  |                            |
|--|----------------------------|
| <u>Tax Supported Projects:</u>                     |                            |
| Remove Perras Place Park Development               | \$ (45,000)                |
| Remove Salt Shed                                   | <u>(150,000)</u>           |
| <b>Total 2nd Reading - Capital Plan Amendments</b> | <b><u>\$ (195,000)</u></b> |

### 3rd Reading - Capital Plan Amendments

|  |                         |
|--|-------------------------|
| <u>Tax Supported Projects:</u>                     |                         |
| Add Rec Centre Trail                               | \$ 80,000               |
| Remove Sign  | <u>(65,000)</u>         |
| <b>Total 3rd Reading - Capital Plan Amendments</b> | <b><u>\$ 15,000</u></b> |

### Final Approved - Consolidated Capital Plan

|  |                            |
|--|----------------------------|
| 1st Reading - Tax Supported Project Total            | \$ 2,616,300               |
| 2nd Reading - Tax Supported Amendments               | (195,000)                  |
| 3rd Reading - Tax Supported Amendments               | <u>15,000</u>              |
| Total Amendments Tax Supported Projects              | <u>\$ (180,000)</u>        |
| Tax Supported Project Total                          | \$ 2,436,300               |
| Utility Supported Project Total                      | <u>2,161,000</u>           |
| <b>Total 3rd Reading - Consolidated Capital Plan</b> | <b><u>\$ 4,597,300</u></b> |

## CONSOLIDATED CAPITAL PLAN

The Capital Plan information presented in this report is consolidated, and organized into the categories of Tax Supported and Utility Supported.



## 2018 - 2038 Long Range Range Capital Plan Summary of Projects

| CAPITAL PROJECT                                      | RESERVE | TOTAL<br>2018 - 2038 | 2018    | 2019    | 2020    | 2021    | 2022    | 2023-2038 |
|--|---------|----------------------|---------|---------|---------|---------|---------|-----------|
| <b>TAX SUPPORTED PROJECTS</b>                        |         |                      |         |         |         |         |         |           |
| Perras Place Park Development                        | 13      | 80,000               |         | 45,000  | 35,000  |         |         | -         |
| Ray MacDonald Sport Field Ball Diamond Redevelopment | 13      | 35,000               | 35,000  |         |         |         |         | -         |
| Rec Centre - 77 Acre Site Design / Development       | 13      | 1,050,000            | 50,000  | 250,000 | 750,000 |         |         | -         |
| Rec Centre Park Development - Multi-way Trail System | 13      | 680,000              | 80,000  | 200,000 | 200,000 | 200,000 |         | -         |
| Rec Centre - Reception Centre Generator              | 4       | 300,000              |         |         | 300,000 |         |         | -         |
| Rec Centre Cold Storage Building                     | 4       | 125,000              |         |         |         | 125,000 |         | -         |
| CCC Hall and Tech Equipment                          | 4       | 46,000               | 46,000  |         |         |         |         | -         |
| IT - Primary Server Storage Upgrade                  | 4       | 80,000               | 80,000  |         |         |         |         | -         |
| IT - Long Term Telecommunications Infrastructure     | 4       | 640,000              |         |         |         |         | 210,000 | 215,000   |
| Pedestrian Bulbing                                   | 2       | 180,000              | 180,000 |         |         |         |         | -         |
| Dog Park Drainage - Scope to be reviewed             | 7       | -                    |         |         |         |         |         | -         |
| Asset Management Implementation                      | 4       | 200,000              |         | 100,000 | 100,000 |         |         | -         |
| East Boundary Road - Bridge Replacement              | 8       | 450,000              |         |         |         |         | 450,000 | -         |
| Portable Work Message Signs (Claude)                 | 4       | 60,000               | 60,000  |         |         |         |         | -         |
| Park/Sports Field Developments                       | 13      | 5,920,000            | 160,000 | 160,000 | 160,000 | 160,000 | 160,000 | 2,560,000 |
| Road Rehabilitation and Neighborhood Revitalization  | 4       | 22,310,000           | 710,000 | 600,000 | 600,000 | 600,000 | 600,000 | 9,600,000 |
| Fire Department Parking Lot Upgrades - TBD           | 8       | -                    |         |         |         |         |         | -         |
| Fleet Replacement (as per policy)                    | 11      | 13,360,800           | 414,800 | 233,000 | 350,000 | 159,000 | 408,000 | 5,898,000 |
| Ice resurfacers                                      | 11      | 500,000              |         |         |         |         |         | 250,000   |

## CONSOLIDATED CAPITAL PLAN CONTINUED

| CAPITAL PROJECT  | RESERVE | TOTAL<br>2018 - 2038 | 2018             | 2019             | 2020             | 2021              | 2022             | 2023-2038          |
|--|---------|----------------------|------------------|------------------|------------------|-------------------|------------------|--------------------|
| Enforcement Services - Patrol Vehicle                                  | 8       | 1,357,000            | 82,000           |                  |                  |                   | 85,000           | 595,000            |
| PW Cold Storage Building   | 4       | 125,000              |                  |                  | 125,000          |                   |                  | -                  |
| Rec Centre - Phase 2 A & B - Added Ice Surface/Outdoor Rink + Aquatics | 4       | 87,000,000           |                  |                  |                  |                   |                  | 43,500,000         |
| Fire Department - Air Compressor                                       | 4       | 279,000              |                  |                  | 25,000           |                   |                  | 127,000            |
| Stormwater Pond Aerating Fountain                                      | 7       | 103,500              | 38,500           | 35,000           | 30,000           |                   |                  | -                  |
| Traffic Signals - Design & Install (Grandin 4 way stop)                | 15      | 450,000              |                  |                  | 450,000          |                   |                  | -                  |
| Traffic Signals - Design (100th Street)                                | 15      | 50,000               | 50,000           |                  |                  |                   |                  | -                  |
| Traffic Signals - Design & Install (Westwinds)                         | 15      | 450,000              | 450,000          |                  |                  |                   |                  | -                  |
| Roundabouts / Signals  | 15      | 20,407,536           |                  |                  |                  |                   |                  | 10,203,768         |
| Regional Protective Services Building                                  | 4       | 18,000,000           |                  | 1,080,000        |                  | 16,920,000        |                  | -                  |
| Fire Hall Expansion  | 4       | 13,500,000           |                  |                  | 1,500,000        |                   |                  | 6,000,000          |
| Cardiff Road - 100th Street to East Boundary Road                      | 15      | 10,104,000           |                  |                  |                  |                   |                  | 5,052,000          |
| Arena Demolition - <i>Non-Capitalized Project</i> -                    | 4       | 2,000,000            |                  |                  | 2,000,000        |                   |                  | -                  |
| Fire Rescue Truck (per Policy)   | 9       | 1,400,000            |                  |                  |                  |                   |                  | 700,000            |
| Ladder Truck   | 9       | 2,400,000            |                  |                  |                  |                   |                  | 1,200,000          |
| Pumper Truck / Equipment   | 9       | 2,100,000            |                  |                  | 700,000          |                   |                  | 700,000            |
| East Boundary Road - Cardiff Road to Manawan Canal                     | 15      | 26,400,000           |                  |                  |                  |                   |                  | 13,200,000         |
| 100 St - Final Upgrade of 100 st - CN Tracks to Cardiff Road           | 15      | 10,000,000           |                  |                  |                  |                   |                  | 5,000,000          |
| AR 1 - 100 Street - 105 Avenue north to Town Boundary                  | 15      | 9,504,000            |                  |                  |                  |                   |                  | 4,752,000          |
| 100 Street Widening - 105 Avenue to 101 Avenue                         | 15      | 1,320,000            |                  |                  |                  |                   |                  | 660,000            |
| <b>Total Tax Supported Capital Projects</b>                            |         | <b>252,966,836</b>   | <b>2,436,300</b> | <b>2,703,000</b> | <b>7,325,000</b> | <b>18,164,000</b> | <b>1,913,000</b> | <b>110,212,768</b> |

## CONSOLIDATED CAPITAL PLAN CONTINUED

| CAPITAL PROJECT   | RESERVE | TOTAL<br>2018 - 2038 | 2018             | 2019             | 2020             | 2021              | 2022             | 2023-2038          |
|---|---------|----------------------|------------------|------------------|------------------|-------------------|------------------|--------------------|
| <b>UTILITY SUPPORTED PROJECTS</b>                             |         |                      |                  |                  |                  |                   |                  |                    |
| Utilities Upgrades  | 5       | 4,960,000            | 280,000          | 130,000          | 130,000          | 130,000           | 130,000          | 2,080,000          |
| Westwinds Lift Station  | 17      | 1,584,000            | 1,584,000        |                  |                  |                   |                  | -                  |
| Westwinds Forcemain to Business Park                          | 17      | 297,000              | 297,000          |                  |                  |                   |                  | -                  |
| Waterline Upgrade - 99 Ave & 104 Street                       | 5       | 175,000              |                  |                  | 175,000          |                   |                  | -                  |
| Waterline Upgrade - 101 Ave & 104 Street                      | 5       | 250,000              |                  |                  |                  |                   |                  | 125,000            |
| Waterline Upgrade - 100 Ave & 99 Street                       | 5       | 310,000              |                  |                  |                  |                   |                  | 155,000            |
| Milford Avenue Sanitary Upgrade                               | 16      | 297,000              |                  |                  |                  |                   |                  | 148,500            |
| Business Park Lift Station                                    | 17      | 12,600,000           |                  |                  |                  |                   | 600,000          | 6,000,000          |
| New Business Park Forcemain                                   | 17      | 6,336,000            |                  |                  |                  |                   |                  | 3,168,000          |
| Add 3rd Pump at Booster Station                               | 17      | 792,000              |                  |                  |                  |                   |                  | 396,000            |
| 250 mm Watermain - 101 Avenue - 103 Street to 105 Street      | 5       | 594,000              |                  |                  |                  |                   |                  | 297,000            |
| Upgrade Original Pumps - 100 - 155 lps                        | 17      | 792,000              |                  |                  |                  |                   |                  | 396,000            |
| 300 mm Watermain on 104 Avenue - 101a Street across CN Tracks | 17      | 831,600              |                  |                  |                  |                   |                  | 415,800            |
| 300 mm Watermain - 107 Street past Extreme Sports Park        | 17      | 198,000              |                  |                  |                  |                   |                  | 99,000             |
| Upgrade 2nd Original pump from 100 to 155 lps                 | 17      | 792,000              |                  |                  |                  |                   |                  | 396,000            |
| Reservoir addition  | 17      | 11,088,000           |                  |                  |                  |                   |                  | 5,544,000          |
| 101 Avenue Sanitary Upgrade                                   | 16      | 380,160              |                  |                  |                  |                   |                  | 190,080            |
| Section 4 Lift Station  | 17      | 3,168,000            |                  |                  |                  |                   |                  | 1,584,000          |
| Section 4 Forcemain   | 17      | 528,000              |                  |                  |                  |                   |                  | 264,000            |
| <b>Total Utility Supported Capital Projects</b>               |         | <b>45,972,760</b>    | <b>2,161,000</b> | <b>130,000</b>   | <b>305,000</b>   | <b>130,000</b>    | <b>730,000</b>   | <b>21,258,380</b>  |
| <b>Total Capital Projects</b>                                 |         | <b>298,939,596</b>   | <b>4,597,300</b> | <b>2,833,000</b> | <b>7,630,000</b> | <b>18,294,000</b> | <b>2,643,000</b> | <b>131,471,148</b> |

## CONSOLIDATED 2018-2038 RESERVE / LEVY FINANCING PLAN

| CAPITAL PROJECT   | RESERVE | TOTAL<br>2018 - 2038 | 2018             | 2019             | 2020             | 2021              | 2022             | 2023-2038          |
|---|---------|----------------------|------------------|------------------|------------------|-------------------|------------------|--------------------|
| <b>LONG RANGE CAPITAL FINANCING</b>   |         |                      |                  |                  |                  |                   |                  |                    |
| <i>(Reserves - Offsite Levies - Operating Surplus/Deficit - Debenture - Grants)</i> |         |                      |                  |                  |                  |                   |                  |                    |
| Safety Initiative   | 2       | 180,000              | 180,000          | -                | -                | -                 | -                | -                  |
| Affordable Housing  | 3       | -                    | -                | -                | -                | -                 | -                | -                  |
| General Capital Projects  | 4       | 144,665,000          | 896,000          | 1,780,000        | 4,650,000        | 17,645,000        | 810,000          | 59,442,000         |
| Water Capital Projects  | 5       | 6,289,000            | 280,000          | 130,000          | 305,000          | 130,000           | 130,000          | 2,657,000          |
| Sanitary Capital Projects   | 6       | -                    | -                | -                | -                | -                 | -                | -                  |
| Storm Sewer Capital Projects  | 7       | 103,500              | 38,500           | 35,000           | 30,000           | -                 | -                | -                  |
| Transportation Projects   | 8       | 1,807,000            | 82,000           | -                | -                | -                 | 535,000          | 595,000            |
| Fire Vehicles   | 9       | 5,900,000            | -                | -                | 700,000          | -                 | -                | 2,600,000          |
| Public Works Vehicles   | 11      | 13,860,800           | 414,800          | 233,000          | 350,000          | 159,000           | 408,000          | 6,148,000          |
| Parks Recreation & Culture  | 13      | 7,765,000            | 325,000          | 655,000          | 1,145,000        | 360,000           | 160,000          | 2,560,000          |
| Recreation - Developer  | 14      | -                    | -                | -                | -                | -                 | -                | -                  |
| Off-site Levies – Roads   | 15      | 78,685,536           | 500,000          | -                | 450,000          | -                 | -                | 38,867,768         |
| Off-site Levies – Sewer   | 16      | 677,160              | -                | -                | -                | -                 | -                | 338,580            |
| Off-Site Levies – Water   | 17      | 39,006,600           | 1,881,000        | -                | -                | -                 | 600,000          | 18,262,800         |
| <b>Total Reserve Financing</b>  |         | <b>298,939,596</b>   | <b>4,597,300</b> | <b>2,833,000</b> | <b>7,630,000</b> | <b>18,294,000</b> | <b>2,643,000</b> | <b>131,471,148</b> |

## TAX SUPPORTED CAPITAL PLAN PROJECTS

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

### PERRAS PLACE PARK DEVELOPMENT

Proposed development of park throughout 2019-2020.

Year one proposed development would include refinishing the current plant beds so that they could be worked into the concept, as well the addition of the interior walkway through the park that would align better with the Towns rear parking area. The site has already been topped with fresh soil and seeded. With good growing the lot should have a good grass bases in the 1<sup>st</sup> year. Redevelopment of the park sign would allow the Park to get its new name a well if a wood carver could be found for the two remaining trees; additional carvings could be put in place.

Year two would include the development or planting of raised plant beds that would match the space that the Perras house once occupied. As mentioned above the pathway through the plant beds also match the floor plan of Perras house. Phase two would include the development and addition of information/display boards. These would be utilized to promote Morinville's history including events and individuals that have made significant impacts to the community. A potential fence may be required to separate areas of the park from the back area depending on the emergency generator building development. As with year one, Administration would look at opportunities to utilize internal resources to help create savings. A similar budget would be recommended and if all went as planned the budget for the park could be reduced quite significantly from the estimated concept budget.

**Source of funding:**

Capital Reserves

### **RAY MACDONALD SPORT FIELD BALL DIAMOND REDEVELOPMENT**

Reestablish a hard ball field and relocate a soccer pitch at Ray McDonald Sports area.

Develop a full fenced baseball field that meets requirements to use for hard ball and Re-align/locate soccer pitch. Significant growth in ball has created a condition where there are insufficient fields of the standard needed for high level minor ball. This has prevented growth of the sport and players are being forced to leave the community to continue play.

This is a temporary measure until further field development may occur to the east on the new recreation lands

**Source of funding:**

Capital Reserves / Potential MMBA Funding

### **RECREATION CENTRE – 77 ACRE SITE DESIGN / DEVELOPMENT**

This is a multi-year proposed project which would begin with a public consultation and design phase for 2018.

Future year development may consider 4 baseball diamond at \$100K each, 2 soccer fields at \$100K each in addition to added parking lots, lighting, toboggan hill, benches, equipment, washrooms and signage, etc. Plan to be further developed upon completion of the design.

**Source of funding:**

Capital Reserves / Grants / Potential Debenture

### **RECREATION CENTRE – PARK DEVELOPMENT / MULTI-WAY TRAIL SYSTEM**

This project involves the development of a multi-way trail system to connect the new Recreation Centre with existing Town trail systems. A number of scope options exist for this project which require further review.

**Source of funding:**

Capital Reserves / Grants

### **RECREATION CENTRE – EMERGENCY GENERATOR FOR RECEPTION CENTRE (DISASTER / EMERGENCY)**

This project includes the cost to purchase and install and emergency generator for use at the new Recreation Centre which is required to support a potential Reception Centre for disaster / emergency services if required.

**Source of funding:**

Capital Reserves

### **RECREATION CENTRE – COLD STORAGE BUILDING**

Additional cold storage will be required in the future at the new Recreation Centre.

**Source of funding:**

Capital Reserves

### **CCC HALL AND TECH EQUIPMENT**

The Community Culture Centre (CCC) Main hall projector is at 7 years of life and is not only old technology but is the only projector in place. The replacement will be brought up with current technology which is a Laser projector. No bulb replacements will be required for the future as well it provides a greater range of picture optics. The addition of a sound board will allow smooth transition from one video source to another which currently in place. The board also allows for portability so that half hall operations can occur better.

The back wall stage lighting is old technology and does not allow for full light spectrums. Moving to LED not only will reduce electrical operating cost, but allows for better lighting options, and frees up electrical circuits for the facility.

Replace main Hall Projector including portable Video Mixer system as well upgrade stage lights to a LED Cyclorama Light system

Hall Projector - \$15,000

Portable Video Mixer \$6,000

LED Cyclorama Lights- \$25,000

**Source of funding:**

Capital Reserves

**INFORMATION TECHNOLOGY – PRIMARY SERVER STORAGE IMPROVEMENT**

New server operating systems are required next year due to Microsoft’s End of Life policy for Windows Server 2008 and new server storage is needed to run test upgrades on all town virtual servers. Also digital data growth on servers continue to increase and are expected to climb year over year and high speed disaster recovery options will become available for town digital operations.

All town electronic operations (email, Diamond, Payroll, DocuShare, Shared files, Intranet, town website, E-Services) are at risk of halting in 2018 once storage space runs out and overflow space is also full.

**Source of funding:**

Capital Reserves

**INFORMATION TECHNOLOGY – LONG TERM TELECOMMUNICATIONS INFRASTRUCTURE**

Best practice indicates every five years telecommunications infrastructure will be replaced. This infrastructure is required to network all Town buildings to maintain a high availability of services to maintain business continuity. Possible infrastructure options include the replacement of radio’s and / or fibre line installation.

**Source of funding:**

Capital Reserves

**PEDESTRIAN BULBING**

Following an examination of selected intersections for the purposes of improving pedestrian and overall traffic safety through the use of curb extensions and other means/measures.

A review of the Highway 642 Functional Plan, the companion Coeur de Morinville Area Structure Plan and the Mobility Strategy, which was used to inform the mobility chapter of the recent MDP Update. These documents provide both background/context as well as some direction for this examination. Using this information and generating some additional evaluation criteria, an “assessment matrix” was put together to apply to selected intersections along 100th Avenue from the interchange eastward to 101 Street as well as along 100th Street from the main tracks northward to 101st Avenue.

The following is a list of locations and background as discussed with the Traffic Advisory Committee:

1. As far as using curb extensions to improve pedestrian and traffic safety, they would be best utilized along 100th Avenue where the distance from curb to curb (4 travel and 2 parking lanes) significantly exceeds that of 100th Street (4 lanes varying from 4 travel lanes to 2 travel lanes/2 parking lanes). The priority intersections are along 100th Avenue are at 101 St., 102 St. and 103 St.
2. As far as 100th Street is concerned, the intersections at 99th Ave., 97th Ave. and 95th Ave. most warrant an examination in terms of safety. Bearing in mind that 100th Street is much narrower from curb to curb than 100th Avenue, it was felt that while curb extensions could be included among the options available, they may not necessarily be the best option (or even a viable option) to help address pedestrian and vehicle safety traffic at these intersections.
3. Before deciding which means, methods and improvements should be utilized to best address pedestrian and traffic safety at these intersections along 100th Street, keeping in mind that we don't have the benefit of a functional plan, it would be prudent to first engage a traffic engineering firm to undertake an examination of these intersections for these specific purposes.
4. The same traffic engineering firm could also be charged with providing cost estimates for all of the intersection improvements identified including the cost of engineering them.

**Source of funding:**

Capital Reserves / Grants / Potential Safety Initiative Reserve

## **ASSET MANAGEMENT IMPLEMENTATION**

The scope of this project involves initiating an asset management plan to effectively manage all Town assets. It involves a complete review of all existing assets and preventative maintenance programs, full documentation and implementation of a robust software solution to ensure data is being maintained on a regular basis. This project has been identified through the Organizational Efficiency Review and has been assigned to both Public Works and Corporate & Financial Services. Further review of options, resources and timing to be scheduled.

### **Source of funding:**

Capital Reserves

## **EAST BOUNDARY ROAD – BRIDGE REPLACEMENT**

This project has been identified as a required replacement through the Town's latest inspection reports.

### **Source of funding:**

Capital Reserves / Potential Capital Grants

## **PORTABLE WORK MESSAGE SIGNS**

Based on Morinville's growth, the increase in infrastructure maintenance and repairs, the additional events occurring yearly, and the need to improve Morinville's communication with residents and businesses, this equipment could be used for messaging the following: snow removal, events, parades, road closures, election info, show information, etc. The equipment could temporarily be located anywhere in town for any purpose and removed once the event has occurred. This improves worker safety and increases staff efficiency and overall communication. The technology can be programmed via any smartphone.

### **Source of funding:**

Capital Reserves

## **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.

Project implemented through Public Works and Community Services and budgeted annually.

Enhancements proposed for 2018 include:

With the addition of the new Recreation Centre and review of the Parks and Recreation Master Plan administration will have a document that will outline Council's objectives moving forward that this program will support.

Below are the recreational spaces identified for Park Enhancement Program

### **Montreux Park**

- Notice boards, rules sign and direction signage
- Install concrete launch pads
- Landscaping (trees and rocks)

### **Community Gardens**

- Additional trees & signage

### **Fish & Game area (Partnership Funding \$44,000)**

- With approved grant funding work plan will be developed that follows grant application

### **Skyline Playground**

- Will look for partnerships for new playground (work completed 2019)

## **Notre Dame (Will be in operation 2018)**

- New Soccer Goal posts installed
- Addition of site furniture
- New Trees and shrubs

## **Heritage Lake**

- Additional trees and shrubs planting
- Additional Furniture
- Gazebo/ shelter identified for this area will look for partnerships (2019 project)

## **Lions & Rotary Park**

- Trees, Landscaping and site improvements in conjunction with organizations

## **SJB Park**

- Additional Christmas Decorations

### **Source of funding:**

Capital Reserves / Grants / Partnerships

## **ROAD REHABILITATION & NEIGHBORHOOD REVITALIZATION**

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. Annual program.

Proposed areas for 2018 have been broken down into 3 categories:

1. Road Rehabilitation: Total for roads: \$550,000. Completion of Forest Glens which was cancelled for 2017 based on cost. Any additional work will have a Plan to follow based on the updated road, sidewalk and trail condition assessment from Associated Engineering.

2. Trail restoration/expansion: In addition to the restoration of old trails, sidewalks and shale paths, there is the desire to add new trail segments to connect certain areas of Morinville's existing walkways. Total cost: \$40,000. Plan to follow based on the updated road, sidewalk and trail condition assessment.

3. Sidewalk replacement program: Cost for replacement of separate sidewalk is approximately \$250.00 per lineal meter. In some areas the sidewalks are tripping hazards and have reached their useable service life. The Town will identify localized areas and initiate repairs based on approved budget. As an example the cost to complete one entire block in the old part of town with perimeter sidewalk will be about \$125,000. Budget requested: \$120,000. Plan to follow based on the updated road, sidewalk and trail condition assessment

**Source of Funding:**

- Basic Municipal Transportation Grant (MSI)

**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. Annual program.

Proposals for 2018 include:

1. Zamboni

Need new Zamboni in 2019 for opening of new Arena. Existing one is a side dump and the new arena will be designed for a front dump style machine. Existing machine was purchased in 2010 and our policy states to exchange after 10 years. This one will have capabilities to handle twin rinks. Need to order in 2018 but will not pay until 2019 as it can take 9 months to manufacture especially if Town wants specific colors for machine. This unit also has the ability to operate on propane or natural gas. COST - \$123,000.

## 2. Ride-on mowers

Currently we have 3 ride on mowers of the 15-45 type. Our scheduled replacement plan for these 2012 mowers is 5 years thus due for replacement. These machines also have the new sealed and air conditioned cabs which prevent staff exposure to exhaust fumes (a problem we encountered with the existing machines) as well as dust and allergens. These units are used all year round – summer for grass cutting and winter for snow removal. The plows, mowing decks, snow blower and sweeper attachments from the 15-45 will fit these machines so there is no need to purchase them separately. COST - \$134,000 for 3 units.

## 3. Bobcat Parts (NEW)

We are currently on an annual replacement plan with our Skid steer which we use for many purposes. It would be utilized even more if there were additional attachment that we had at our disposal rather than having to find them elsewhere to rent or work less efficiently without these pieces. The following items are what we need are:

- Auger – tree planting, putting in posts and signs
- Sweeper – supplement winter snow removal on trails – sweeps it to the side
- Sweeper 2 – this sweeper addition is good for sweeping up and collecting debris
- Snow blade – larger blade ideal for the wide trail to deal with drift (better than the 15-85 as the machine is more powerful)
- Cutting Edge Bucket – with the change in the weather we are dealing a lot more with ice than ever before. Environmentally friendly way to deal with ice
- Total Cost for all of these parts \$28,000

#### 4. Outdoor Zamboni (NEW)

Currently we maintain the outdoor rink with a sweeper and only occasionally take the Zamboni outside from the existing arena location. There is considerable risk of damaging the unit or blunting the blade. This machine is needed 8 to 12 times per day on the inside rink at Ray McDonald or getting items on the tires that would harm the indoor ice surface. When the new Sports Complex is complete the Zamboni will no longer be available to drive over to the existing rink. At that stage we could no longer level the surface as we do now. We have also as of 2016 started to make a skating surface and additional rinks on the pond at Heritage Lake that we would like to continue to offer. In future we see additional outdoor rinks being built at other locations. COST - \$28,000 – for machine, weights and hydraulics to fit own existing tractor.

#### 5. Additional Mowing Units (NEW)

The Town now has considerably more areas to mow with the addition of new parks and trails being added to our portfolio, plus the changing of old rough mowing areas to fine turf. Sites added since the last update to mowing fleet – dog-park, Notre Dame Park, Lakes Park, Montreux Park, Heritage Lake, trail to South Glens, additional green space in Notre Dame, South Glens, the Lakes locations and upcoming new school sites. Not all of these areas require the same pieces of equipment and this year again with the change in climate we are getting many wet days early in the spring and our fleet is not capable of keeping up. This means staff are having longer days to try and keep up with the growth costing more in over time. There is no flexibility if one of the machines goes down. To deal with the extra grass and provide a higher quality finish the addition of these 2 mowers would serve well. The triplex will deal with larger areas leaving a very good finish while the zero turn is ideal to get into smaller areas – fenced corners, under trees and narrower spots that the 15-85 cannot access. COST - \$12,000 for Zero turn and \$83,000 for the Triplex.

#### 6. Blade for gator

Required to be used in conjunction with the sanding attachment for areas difficult to access, trails, and sidewalks and around obstacles where larger snow removal machinery cannot reach. This will significantly increase the snow removal efficiency.

Cost: \$6,800.00

**Source of Funding:**

- MSI Capital

## **ICE RESURFACER**

As identified within the Fleet Replacement Policy, the ice surfer will require replacement within 7 years.

### **Source of Funding:**

- MSI Capital

## **ENFORCEMENT SERVICES – PATROL VEHICLE**

Prior to 2012 the Town leased its enforcement vehicles. Review by administration showed it may be better to own the resource and as such steps were taken to purchase these vehicles. Now in accordance to the fleet replacement policy they should be replaced. As part of the replacement the department is holding the vehicle to add a third vehicle to be used as needed (i.e. temporary vehicle during vehicle maintenance or as additional vehicle for events and other busy times.

As per the fleet replacement policy replace the vehicle. This vehicle will be purchased to meet policing/enforcement services requirements including decaling, lights, siren, radio, and required protection. This vehicle will also be outfitted with Radar units, in car camera system, GPS tracking as well will be equipped to handle both public and/or animal situations

### **Source of Funding:**

- Capital Reserves / Capital Grants

## **PUBLIC WORKS COLD STORAGE BUILDING**

Expected additional storage requirement.

### **Source of Funding:**

- Capital Reserves

## **RECREATION CENTER – PHASE 2 A & B**

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 Center will be located east of East Boundary Road and north of Highway 642, immediately east of Morinville.

The architecture firm of Stantec and general contractor Clark Builders have been engaged to work with Morinville to design and build the Recreation Center. Initial plans call for the construction of an arena (expandable seating capacity), an indoor field house, walking track and common area.

Future stages would include a second arena, aquatic center, curling rink and outdoor sports amenities.

The land was purchased in 2015 for a cost of \$1.7M, It is expected the 2016 servicing costs will total approx. \$4.7M, with a total project cost of approx. \$74M, the remaining projects costs of \$ \$68M has been budgeted in 2017 \$24.3M, \$16M in 2024 and \$27.5M in 2030.

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 in 2019

### **Source of Funding:**

- Capital Grants
- Partnerships / sponsorships
- Debenture

## **FIRE DEPARTMENT – AIR COMPRESSOR**

Purchase as required for Fire Department as per replacement policy.

### **Source of Funding:**

- Capital Reserves

### **STORMWATER POND AERATING FOUNTAIN**

An aerating fountain is proposed to be installed either in Sunshine Lake or in the Fish & Game pond as identified in previous business cases. The last 2 fountains were to assist in mitigating odors emanating from the Heritage Village Estates pond and The Lakes during spring thaw. The next series of fountains would prevent the same but also assist in preventing the development of algae and keep storm water quality to a higher level.

In addition to improving water quality in general, fountains such as those previously installed certainly add value to a visual effect for those walking around the pond or sitting on their porches therefore improving their quality of life and overall well-being.

#### **Source of Funding:**

- Capital Reserves

### **TRAFFIC SIGNALS – DESIGN & INSTALL (GRANDIN 4 WAY STOP)**

Due to the overall traffic increase on 100<sup>th</sup> Ave, ongoing development of the Grandin Heights neighborhood and the new 5-9 school to be built on Grandin Dr. East, the intersection of Grandin Dr. East/100<sup>th</sup> Ave. needs to be upgraded from a four way stop to traffic signals.

#### **Source of Funding:**

- Capital Reserves, Offsite Levies

### **TRAFFIC DESIGN – 100<sup>th</sup> STREET FROM TRACKS TO BUSINESS PARK**

This stretch of 100<sup>th</sup> St. need to be designed / engineered for Westwinds Phase 1 commercial / institutional (K-6 school) development.

#### **Source of Funding:**

- Capital Reserves, Offsite Levies

### **TRAFFIC SIGNALS – DESIGN & INSTALL (WESTWINDS)**

Due to the overall traffic volume increasing on 100<sup>th</sup> Str., the development of Phase 1 of the Westwinds neighborhood which includes the new K-6 school to be constructed on Westwinds Drive, a signalized intersection with 100<sup>th</sup> St. at Westwinds Dr. is required.

#### **Source of Funding:**

- Capital Reserves, Offsite Levies

### **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.

#### **Sources of Funding:**

- Capital Reserves
- AT Funding

### **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.

**Source of Funding:**

- Capital Reserves
- Debenture (Payment being offset by Provincial & Federal Governments rental income)

**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.

**Source of Funding:**

- Capital Reserves
- Capital Grants

**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.

**Source of Funding:**

- Capital Reserves
- Capital Grants
- Offsite Levies (50%)

### **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. This project is not capitalized from an accounting perspective but has been identified in the long range capital plan due to the significant costs associated with the project.

#### **Source of Funding:**

- Capital Reserves

### **FIRE RESCUE TRUCK**

Inclusion of the Fire Department fleet as per our current replacement policy.

#### **Source of Funding:**

- Capital Reserves
- Debenture

### **FIRE DEPARTMENT LADDER TRUCK**

Inclusion of the Fire Department fleet as per our current replacement policy.

#### **Source of Funding:**

- Capital Reserves
- Debenture

## **FIRE DEPARTMENT PUMPER TRUCK & EQUIPMENT**

Inclusion of the Fire Department fleet as per our current replacement policy.

### **Source of Funding:**

- Capital Reserves
- Debenture

## **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.

### **Source of Funding:**

- Offsite Levies
- Federal / Provincial Grants

## **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.

### **Source of Funding:**

- Capital Reserves
- Debenture
- Offsite Levies (50%)
- Government Grants (TBD)

### **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.

#### **Source of Funding:**

- Capital Reserves
- Offsite Levies (50%)
- Government Grants (TBD)

### **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.

#### **Source of Funding:**

- Capital Reserves
- Offsite Levies (50%)
- Government Grants (TBD)

## UTILITY SUPPORTED CAPITAL PLAN

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

### UTILITIES UPGRADES

1. 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 continue to 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. \$130,000
2. Waterline upgrade 98 Ave and 98 St as per MUSP: \$125,000
3. Replace utility meter readers (2) – Quote received for \$25K

#### Source of Funding:

- Capital Grants (Federal Gas Tax)

### 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.

#### Source of Funding:

- Offsite Levies

### **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.

**Source of Funding:**

- Offsite Levies

### **WATERLINE UPGRADE – 99 AVE & 104 STREET**

As identified within the updated Municipal Utility Servicing Plan

**Source of Funding:**

- Water Capital Reserve

### **WATERLINE UPGRADE – 101 AVE & 104 STREET**

As identified within the updated Municipal Utility Servicing Plan

**Source of Funding:**

- Water Capital Reserve

### **WATERLINE UPGRADE – 100 AVE & 99 STREET**

As identified within the updated Municipal Utility Servicing Plan

**Source of Funding:**

- Water Capital Reserve

### **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.

**Source of Funding:**

- Offsite Levies

### **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.

**Source of Funding:**

- Utility Capital Reserves
- Offsite Levies (70%)

### **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.

**Source of Funding:**

- Utility Capital Reserves
- Offsite Levies (75%)

### **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).

#### **Source of Funding:**

- Utility Capital Reserves

### **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.

#### **Source of Funding:**

- Utility Capital Reserves

### **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).

#### **Source of Funding:**

- Utility Capital Reserves

### **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.

#### **Source of Funding:**

- Utility Capital Reserves

### **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.

#### **Source of Funding:**

- Utility Capital Reserves

### **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).

#### **Source of Funding:**

- Utility Capital Reserves

### **RESERVOIR ADDITION**

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

#### **Source of Funding:**

- Offsite Levies
- Utility Capital Reserves

## **101 AVENUE SANITARY UPGRADE**

Sanitary capacity on the lands north Old 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.

### **Source of Funding:**

- Offsite Levies

## **SECTION 4 LIFT STATION**

Sanitary capacity on the lands north Old 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.

### **Source of Funding:**

- Offsite Levies

## **SECTION 4 LIFT FORCEMAIN**

Sanitary capacity on the lands north Old 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.

### **Source of Funding:**

- Offsite Levies

## 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, 2016.

### RESERVE SUMMARY - DEC 31/2016

|                             |                         |
|-----------------------------|-------------------------|
| <b>Operating Reserves</b>   |                         |
| General Operating           | 1,000,000               |
| Safety Initiative           | 153,598                 |
| Water Contingency           | 258,956                 |
| Sanitary Contingency        | 175,296                 |
|                             | <u>1,587,850</u>        |
| <b>Capital Reserves</b>     |                         |
| General Capital             | 3,246,553               |
| Water Capital               | 156,480                 |
| Sanitary Capital            | 1,649,826               |
| Storm Sewer Capital         | 857,719                 |
| Transportation              | 217,304                 |
| Fire Vehicles               | 136,519                 |
| Public Works Vehicles       | 354,710                 |
| Parks, Recreation & Culture | 75,091                  |
| Recreation - Developer      | 306,934                 |
|                             | <u>7,001,136</u>        |
| <b>Offsite Levies</b>       |                         |
| Transportation              | 1,366,950               |
| Sanitary                    | 368,167                 |
| Water                       | (3,393,009)             |
|                             | <u>(1,657,892)</u>      |
| <b>Summary</b>              |                         |
| Operating                   | 1,587,850               |
| Capital                     | 7,001,136               |
| Offsite Levies              | (1,657,892)             |
| <b>Total Reserves</b>       | <u><u>6,931,094</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:

### LONG-TERM DEBT

|   | <u>2016</u>          |
|---|----------------------|
| Debenture debt held by Alberta Capital Finance Authority, repayable in semi-annual installments of \$114,602 including interest at 2.634%; due June 15, 2027. | \$ 2,090,584         |
| Mortgage debt on land purchase, repayable in annual interest-free installments of \$500,000.  | 500,000              |
| Debenture debt held by Alberta Capital Finance Authority, repayable in annual installments of \$69,137 including interest at 6%; due August 15, 2022.         | 339,971              |
| Debenture debt held by Alberta Capital Finance Authority, repayable in semi-annual installments of \$52,258 including interest at 6%; due June 15, 2019.      | 139,685              |
| Debenture debt held by Alberta Capital Finance Authority, repayable in annual installments of \$318,912 including interest at 2.2545%; due July 15, 2016.     | -                    |
|   | <u>\$ 3,070,240</u>  |
|   | <u>2016</u>          |
| Total debt limit  | \$ 28,792,485        |
| Total debt  | <u>(3,070,240)</u>   |
| Amount of total debt limit unused   | <u>\$ 25,722,245</u> |
| Debt servicing limit  | \$ 4,798,748         |
| Debt servicing  | <u>(851,049)</u>     |
| Amount of debt servicing limit unused   | <u>\$ 3,947,699</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 2016 as indicated in the above table had debenture debt totaling \$3,070,485, which includes the below three debentures as well as the Recreation land mortgage of \$500,000 which has been paid in full January 1, 2017.

The following tables outline information related to specific current debentures totaling \$2,570,240.

| Year         | Business Park Improvements |                  |                   |                   | Arena             |                  |                   |                     | Civic Plaza         |                   |                     |                      |
|--------------|----------------------------|------------------|-------------------|-------------------|-------------------|------------------|-------------------|---------------------|---------------------|-------------------|---------------------|----------------------|
|              | Principal                  | Interest         | Total Payment     | Balance           | Principal         | Interest         | Total Payment     | Balance             | Principal           | Interest          | Total Payment       | Balance              |
| 2015         |                            |                  |                   |                   |                   |                  |                   |                     |                     |                   |                     |                      |
| 2016         |                            |                  |                   | 139,684.94        |                   |                  |                   | 339,970.87          |                     |                   |                     | 2,090,584.64         |
| 2017         | 43,876.44                  | 7,162.18         | 51,038.62         | 95,808.50         | 48,739.10         | 19,292.61        | 68,031.71         | 291,231.77          | 175,284.50          | 53,716.91         | 229,001.41          | 1,915,300.14         |
| 2018         | 46,509.03                  | 4,456.45         | 50,965.48         | 49,299.47         | 51,663.44         | 16,301.93        | 67,965.37         | 239,568.33          | 179,931.90          | 49,064.15         | 228,996.04          | 1,735,368.24         |
| 2019         | 49,299.47                  | 1,588.39         | 50,887.86         | 0.00              | 54,763.25         | 13,131.80        | 67,895.05         | 184,805.08          | 184,702.51          | 44,288.03         | 228,990.54          | 1,550,665.73         |
| 2020         |                            |                  |                   |                   | 58,049.05         | 9,771.46         | 67,820.51         | 126,756.03          | 189,599.61          | 39,385.27         | 228,984.88          | 1,361,066.12         |
| 2021         |                            |                  |                   |                   | 61,531.99         | 6,209.51         | 67,741.50         | 65,224.04           | 194,626.55          | 34,352.53         | 228,979.08          | 1,166,439.57         |
| 2022         |                            |                  |                   |                   | 65,224.04         | 2,433.84         | 67,657.88         | 0.00                | 199,786.77          | 29,186.35         | 228,973.12          | 966,652.80           |
| 2023         |                            |                  |                   |                   |                   |                  |                   |                     | 205,083.80          | 23,883.20         | 228,967.00          | 761,569.00           |
| 2024         |                            |                  |                   |                   |                   |                  |                   |                     | 210,521.29          | 18,439.44         | 228,960.73          | 551,047.71           |
| 2025         |                            |                  |                   |                   |                   |                  |                   |                     | 216,102.93          | 12,851.35         | 228,954.28          | 334,944.78           |
| 2026         |                            |                  |                   |                   |                   |                  |                   |                     | 221,832.57          | 7,115.10          | 228,947.67          | 113,112.21           |
| 2027         |                            |                  |                   |                   |                   |                  |                   |                     | 113,112.21          | 1,359.09          | 114,471.30          | 0.00                 |
| <b>Total</b> | <b>139,684.94</b>          | <b>13,207.02</b> | <b>152,891.96</b> | <b>284,792.91</b> | <b>339,970.87</b> | <b>67,141.14</b> | <b>407,112.01</b> | <b>1,247,556.12</b> | <b>2,090,584.64</b> | <b>313,641.41</b> | <b>2,404,226.04</b> | <b>12,546,750.97</b> |

## 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.

Allocation for 2016 - \$1,546,949

Allocation for 2017 - \$1,561,288

## **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.

Allocation for 2016 - \$564,120

Allocation for 2017 - \$593,580

## **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.

Allocation for 2016 - \$492,880

Allocation for 2017 - \$535,828

**UTILIZATION OF GRANT FUNDING**

**Town of Morinville**  
**Basic Municipal Transportation Grant (SIP)**  
**01-380-00-738013**

|                        | 2017      | 2018      | 2019    | 2020    | 2021    | 2022    | 2023-2038 |
|------------------------|-----------|-----------|---------|---------|---------|---------|-----------|
| Balance Forward        | 556,596   | 450,657   | 303,484 | 297,064 | 290,644 | 284,224 | 277,804   |
| Grant                  | 593,580   | 593,580   | 593,580 | 593,580 | 593,580 | 593,580 | 9,600,000 |
| Interest               |           |           |         |         |         |         |           |
| Funds Available        | 1,150,176 | 1,044,237 | 897,064 | 890,644 | 884,224 | 877,804 | 9,877,804 |
| Projects               |           |           |         |         |         |         |           |
| 99A Ave & 107th Street | 221,327   |           |         |         |         |         |           |
| Road Program - 2017    | 204,615   | 625,385   |         |         |         |         |           |
| Road Program - 2016    | 273,577   | 115,368   |         |         |         |         |           |
| Other Road Projects    |           |           | 600,000 | 600,000 | 600,000 | 600,000 | 9,877,804 |
| Total projects         | 699,519   | 740,753   | 600,000 | 600,000 | 600,000 | 600,000 | 9,877,804 |
| Balance Carry Forward  | 450,657   | 303,484   | 297,064 | 290,644 | 284,224 | 277,804 | 0         |

**Town of Morinville**  
**Municipal Sustainability Initiative**  
01-380-00-738006

|                       | 2017         | 2018      | 2019      | 2020      | 2021      | 2022      | 2023-2038  |
|-----------------------|--------------|-----------|-----------|-----------|-----------|-----------|------------|
| Balance Forward       | 2,196,019    | 3,321,707 | (0)       | (0)       | (0)       | (0)       | (0)        |
| Grant                 | 1,561,288    | 1,561,288 | 1,561,288 | 1,561,288 | 1,561,288 | 1,561,288 | 28,103,184 |
| Interest              | 27,451       |           |           |           |           |           |            |
| Funds Available       | 3,784,759    | 4,882,995 | 1,561,288 | 1,561,288 | 1,561,288 | 1,561,288 | 28,103,184 |
| Projects              |              |           |           |           |           |           |            |
| Equipment Replacement | 463,052      | 414,800   | 233,000   | 350,000   | 159,000   | 408,000   | 6,158,000  |
| Recreation Project    |              | 4,468,195 | 1,328,288 | 1,211,288 | 1,402,288 | 1,153,288 | -          |
| Other Projects        |              |           |           |           |           |           | 21,945,184 |
| Total projects        | 463,052      | 4,882,995 | 1,561,288 | 1,561,288 | 1,561,288 | 1,561,288 | 28,103,184 |
| Balance Carry Forward | 3,321,707    | (0)       | (0)       | (0)       | (0)       | (0)       | (0)        |
| Recreation Project    | 9,563,347.00 |           |           |           |           |           |            |

**Town of Morinville**  
**Federal Gas Tax**  
**01-380-00-738005**

|                                | 2017         | 2018       | 2019       | 2020       | 2021       | 2022       | 2023-2038    |
|--------------------------------|--------------|------------|------------|------------|------------|------------|--------------|
| Balance Forward                | 1,189,845.66 | -          | -          | -          | -          | -          | -            |
| Grant                          | 535,828.00   | 535,103.00 | 535,103.00 | 535,103.00 | 535,103.00 | 535,103.00 | 1,070,206.00 |
| Interest                       | 11,898.46    |            |            |            |            |            |              |
| Funds Available                | 1,737,572.12 | 535,103.00 | 535,103.00 | 535,103.00 | 535,103.00 | 535,103.00 | 1,070,206.00 |
| Projects                       |              |            |            |            |            |            |              |
| Recreation Project             | 1,737,572.12 | 535,103.00 | 535,103.00 | 535,103.00 | 535,103.00 |            |              |
| Other Utility Related Projects |              |            |            |            |            | 535,103.00 | 1,070,206.00 |
| Total projects                 | 1,737,572.12 | 535,103.00 | 535,103.00 | 535,103.00 | 535,103.00 | 535,103.00 | 1,070,206.00 |
| Balance Carry Forward          | -            | -          | -          | -          | -          | -          | -            |
| Recreation Project             | 3,877,984.12 |            |            |            |            |            |              |

**Town of Morinville  
Affordable Housing**

01-380-00-738001

|                                     | 2017       | 2018       | 2019 | 2020 | 2021 | 2022 |
|-------------------------------------|------------|------------|------|------|------|------|
| Balance Forward                     | 766,316.75 | 773,979.92 | -    | -    | -    | -    |
| Grant                               | -          | -          | -    | -    | -    | -    |
| Interest                            | 7,663.17   | 7,739.80   |      |      |      |      |
| Funds Available                     | 773,979.92 | 781,719.72 | -    | -    | -    | -    |
| Projects                            |            |            |      |      |      |      |
| Affordable Housing 01-260-00-526096 |            | 781,719.72 |      |      |      |      |
| Total projects                      | -          | 781,719.72 | -    | -    | -    | -    |
| Balance Carry Forward               | 773,979.92 | -          | -    | -    | -    | -    |

## SUMMARY OF CAPITAL GRANTS & RESERVE ALLOCATION

|  | 2017             | 2018             | 2019              | 2020             | 2021             | 2022             | 2023-2038         |
|--|------------------|------------------|-------------------|------------------|------------------|------------------|-------------------|
| <b>Total Capital Grants</b>                  | <b>6,283,916</b> | <b>2,689,971</b> | <b>2,689,971</b>  | <b>2,689,971</b> | <b>2,689,971</b> | <b>2,689,971</b> | <b>40,252,030</b> |
| <b>Allocation of Excess Revenue</b>          |                  |                  |                   |                  |                  |                  |                   |
| Photo Radar                                  | 130,000          | 130,000          | 130,000           | 130,000          | 130,000          | 130,000          | 2,340,000         |
| Water Surplus                                | 1,049,970        | 1,098,900        | 1,139,301         | 1,174,234        | 918,525          | 923,137          | 16,802,206        |
| Sanitary Surplus                             | 509,086          | 656,491          | 547,497           | 548,841          | 432,603          | 434,775          | 7,913,418         |
| Contributed Assets                           |                  |                  |                   |                  |                  |                  |                   |
| Proceeds of Sale Public Works                |                  |                  |                   |                  |                  |                  |                   |
| Recreation - Land Developer                  |                  |                  |                   |                  |                  |                  |                   |
| Offsite Levy's                               |                  |                  |                   |                  |                  |                  |                   |
| Other  | 672,063          | (1,181,773)      | (1,911,578)       | (1,763,235)      | 710,361          | 751,936          | 28,908,652        |
| <b>Excess of Revenue Before Amortization</b> | <b>2,361,119</b> | <b>2,012,344</b> | <b>2,051,277</b>  | <b>2,145,094</b> | <b>2,191,489</b> | <b>2,239,847</b> | <b>2,239,848</b>  |
| <b>Total Addition to Reserves</b>            | <b>8,645,035</b> | <b>4,702,315</b> | <b>18,741,248</b> | <b>4,835,065</b> | <b>4,881,460</b> | <b>4,929,818</b> | <b>42,491,878</b> |
| <b>Debenture Funding</b>                     |                  |                  | <b>14,000,000</b> |                  |                  |                  |                   |
| <b>Allocation to Reserves</b>                |                  |                  |                   |                  |                  |                  |                   |
| General Stabilization                        |                  |                  |                   |                  |                  |                  |                   |
| Water Stabilization                          |                  |                  |                   |                  |                  |                  |                   |
| Sanitary and Solid Waste Stabilization       |                  |                  |                   |                  |                  |                  |                   |
| General Capital Projects                     | 6,505,322        | 2,223,344        | 2,330,870         | 2,388,410        | 2,806,752        | 2,848,327        | 5,836,254         |
| MCCC   | 130,000          | 130,000          | 130,000           | 130,000          | 130,000          | 130,000          | 2,340,000         |
| Water Capital Projects                       | 1,049,970        | 1,098,900        | 1,139,301         | 1,174,234        | 918,525          | 923,137          | 16,802,206        |
| Sanitary Capital Projects                    | 509,086          | 656,491          | 547,497           | 548,841          | 432,603          | 434,775          | 7,913,418         |
| Storm Sewer Capital Projects                 |                  |                  |                   |                  |                  |                  |                   |
| Transportation Projects                      | 450,657          | 593,580          | 593,580           | 593,580          | 593,580          | 593,580          | 9,600,000         |
| Fire Vehicles                                |                  |                  |                   |                  |                  |                  |                   |
| Library                                      |                  |                  |                   |                  |                  |                  |                   |
| Public Works Vehicles                        |                  |                  |                   |                  |                  |                  |                   |
| Office Equipment                             |                  |                  |                   |                  |                  |                  |                   |
| Parks Recreation & Culture                   |                  |                  |                   |                  |                  |                  |                   |
| Recreation - Developer                       |                  |                  |                   |                  |                  |                  |                   |
| Off-site Levies – Roads                      |                  |                  |                   |                  |                  |                  |                   |
| Off-site Levies – Sewer                      |                  |                  |                   |                  |                  |                  |                   |
| Off-Site Levies – Water Storage              |                  |                  |                   |                  |                  |                  |                   |
| <b>Total Allocated</b>                       | <b>8,645,035</b> | <b>4,702,315</b> | <b>18,741,248</b> | <b>4,835,065</b> | <b>4,881,460</b> | <b>4,929,818</b> | <b>42,491,879</b> |