AGENDA
COUNCIL COMMITTEE MEETING
MUNICIPAL DISTRICT OF PINCHER CREEK
October 13, 2020
9:00 am

1. Approval of Agenda

2. 2021 Capital Budget Discussion

3. Adjournment

Municipal District of Pincher Creek No. 9

2021 Capital Budget Draft

October 13, 2020

2021 Capital Budget Summary

Project #	Service Area	Description	Total Cost	Sources of Project Funding: Grants	Debt	Reserves	Operations	Total Revenue
Infrastructure								
PW-BF-1	Bridges	Bridge File #75009 Wild Cat Ranch	580,000	580,000				580,000
PW-BF-2	Bridges	Bridge File #75377 Local Road over Screwdriver Creek	370,000	370,000				370,000
PW-BF-3	Bridges	Bridge File #74119 Pony Truss Bridge	170,500	170,500				170,500
PW-BF-4	Bridges	Bridge File #2224 Lank Bridge	198,000	198,000				198,000
PW-BF-5	Bridges	Bridge File #75265 Local Road Over Heath Creek	53,000			53,000		53,000
PW-BF-6	Bridges	Bridge File #7743 Local Road over Gladestone Creek	46,000			46,000		46,000
PW-R-1	Roads	Lundbreck - 1st, 2nd & 3rd Street	605,000			605,000		605,000
PW-R-2	Roads	Bruder Hill	470,000	470,000				470,000
PW-R-3	Roads	Gladstone	250,000	250,000				250,000
PW-R-4	Roads	Cabin Hill	64,000	64,000				64,000
PW-R-5	Roads	Hucik Hill	50,000			50,000		50,000
PW-R-6	Roads	Landfill Road - RR 1-5	20,000			20,000		20,000
BMDC	Water/Wastewater	Beaver Mines Distribution and Collection	4,119,994	4,119,994				4,119,994
BMLF	Water/Wastewater	Beaver Mines Lift Station and Forcemain	1,950,745	1,950,745				1,950,745
BMWW	Water/Wastewater	Beaver Mines Waste Water Treatment Facility	1,903,335	1,903,335				1,903,335
	Infrastructure Total		10,850,574	10,076,574	-	774,000	-	10,850,574
Equipment								
	Public Works	Excavator with Mulcher Attachment	390,000			390,000		390,000
	Public Works	Disc Harrow	25,000			25,000		25,000
	Public Works	Wobbly Compactor	25,000			25,000		25,000
	Public Works	Air Compressor and Lines	25,000			25,000		25,000
	Public Works	Dump Trailer	25,000			25,000		25,000
	Public Works	Tri-Axle Pup	35,000			35,000		35,000
	Public Works	Scissor Neck Tri-Axle	90,000			90,000		90,000
	Agriculture	Truck mounted intelligent sprayer	20,000			20,000		20,000
	Equipment Total		635,000	-	-	635,000	-	635,000
Fleet								
	Public Works	3/4 Tonne Truck	50,000			50,000		50,000
	Public Works	3/4 Tonne Truck	50,000			50,000		50,000
	Fleet Total		50,000	-	-	50,000	-	50,000
Community Services								
		Park Improvement - Lundbreck Dog Park	25,000			25,000		25,000
	Community Services Total		25,000	-	-	25,000	-	25,000
Grand Total			**11,560,574**	**10,076,574**	**-**	**1,484,000**	**-**	**11,560,574**

Future Capital Projects		2022	2023	2024	2025
Infrastructure					
Bridges	Bridge File #75265 Heath Creek	375,000			
Bridges	Bridge File #7743 Local Road over Gladestone Creek	250,000			
Bridges	Bridge File #74260 Tributary to Foothills Creek	55,000	350,000		
Bridges	Bridge File #13960 81A over a Tributary to the Oldman River			45,000	225,000
Bridges	Bridge File #76203 Watercourse on Local Road near MayCroft				55,000
Roads	Cabin Hill	1,007,500			
Roads	Landfill Road - RR 1-5	180,000			
Roads	Christie Mines	35,000	975,000		
Roads	Grumpies/Knotch Road		200,000		
Roads	West Kerr Road		20,000	240,000	
Roads	East Kerr Road		25,000	450,000	
Roads	Gladstone Road			50,000	945,000
Roads	Old Airport Road			300,000	
Roads	Crook Road				20,000
Water/Wastewater	Beaver Mines Distribution and Collection	1,765,711			
Water/Wastewater	Beaver Mines Lift Station and Forcemain	836,034			
Water/Wastewater	Beaver Mines Waste Water Treatment Facility	815,715			
Infrastructure Total		5,319,960	1,570,000	1,085,000	1,245,000
Equipment					
Public Works	Grader	515,000	515,000	515,000	515,000
Public Works	Water truck		150,000		150,000
Public Works	Welder				15,000
Public Works	Backhoe		130,000	15,000	
Public Works	Grader mower	130,000			
Public Works	Tractor & loader			130,000	
Public Works	Fork lift	58,050			
Public Works	Airport mower		9,300		
Public Works	Packer		40,200		
Public Works	Riding lawn mower		5,600		
Public Works	Tandem axle belly dump	80,000			
Public Works	Utility dump Trailer - 5th wheel		35,000		
Public Works	Snow Blower - Airport			350,000	
Agriculture	Animal scale		15,000		
Agriculture	Quad			15,000	
Agriculture	Truck mounted intelligent sprayer		20,000		20,000
Equipment Total		783,050	920,100	1,025,000	700,000
Fleet					
Public Works	Light truck		50,000		50,000
Public Works	Light truck		50,000		50,000
Public Works	Truck - 1 ton	50,000		50,000	
Agriculture	Light truck	50,000		50,000	
Fleet Total		100,000	100,000	100,000	100,000
Information Services					
Administration	Microsoft update		12,000		
Administration	Audio equipment - Council Chambers		20,000		
Information Services Total		-	32,000	-	-
Facilities					
Public Works	Public Works Shop wash bay	150,000			
Public Works	Public Works Shop lubricant dispensing system	25,000			
Facilities Total		175,000	-	-	-
Grand Total Expenditures		6,378,010	2,622,100	2,210,000	2,045,000
Sources of Project Funding					
Grants		4,424,960	-	-	-
Reserves		1,953,050	2,590,100	2,210,000	2,045,000
Operations		-	32,000	-	-
Total Sources of Project Funding		6,378,010	2,622,100	2,210,000	2,045,000

Project Name	Bridge File 75009 Wild Cat Ranch
Project Number	PW-BF-1
Priority	5 - High
Service Area	Public Works - Bridges
Project Description	Culvert bridge replacement, NE 9-9-2-W5
Project Cost	Engineering (2020): $30,000 Construction (2021): $580,000 Total Project Costs: $610,000
Funding Sources	Municipal Sustainability Initiative Grant - Capital • The M.D. has submitted an application for grant funding under the Local Roads & Bridges Program under STIP (AB Transportation). For budget purposes this project will flow through the guaranteed MSI funding.
Timeline	2020 - Engineering 2021 - Complete
Rationale for Need	The bridge structure was constructed in 1950's and is currently in poor condition primarily due to 18% roof deflection, thus compromising the integrity of the structure.
Impact on future operating costs	
Impact on other departments	
Treatment of asset replaced	
Implications of deferral	Delay in reconstruction of this bridge could result in further deterioration and road closure. There is no detour on this road to residents living on this road. The only access is by using the local road over the bridge culvert.
Other options to Recommendation	A bridge liner and metal struts were reviewed but due to the condition of the culvert it isn't recommended.

Project Name	Bridge File 75377 Local Road over Screwdriver Creek
Project Number	PW-BF-2
Priority	5 - High
Service Area	Public Works - Bridges
Project Description	Culvert Replacement; NW 8-6-2-W5
Project Cost	Engineering (2020): $30,000 Construction (2021): $370,000 Total Project Costs: $400,000
Funding Sources	Municipal Sustainability Initiative Grant - Capital • The M.D. has submitted an application for grant funding under the Local Roads & Bridges Program under STIP (AB Transportation). For budget purposes this project will flow through the guaranteed MSI funding.
Timeline	2020 - Engineering 2021 - Complete
Rationale for Need	The bridge structure is currently in poor condition primarily due to large floor perforations due to corrosion. The BIM model suggested a 2016 replacement year.
Impact on future operating costs	
Impact on other departments	
Treatment of asset replaced	
Implications of deferral	Delay in reconstruction of this bridge culvert could result in further deterioration and road closure as this bridge was constructed in 1962.
Other options to Recommendation	

Project Name	Bridge File 74119
Project Number	PW-BF-3
Priority	4 - Medium/High
Service Area	Public Works - Bridges
Project Description	Bridge Maintenance, SW SEC 4 TWP 7 RGE 29 W4M
Project Cost	Engineering and Construction: $170,500
Funding Sources	Municipal Stimulus Program & Municipal Sustainability Initiative The MD received MSP Funding. Council approved the use of these funds in resolution 20/325. MSP will be applied to the two approved bridge files (74119 and 2224) to the maximum $352,447, MSI will be used thereafter ($16,053).
Timeline	Complete in 2021
Rationale for Need	The bridge structure was constructed in 1936 and is in poor condition primarily due to repairs in strip decking, wheel guards, bridge rails and guardrails.
Impact on future operating costs	
Impact on other departments	
Treatment of asset replaced	
Implications of deferral	Delay in reconstruction of this bridge will result in further deterioration and road closure.
Other options to Recommendation	Previously approved by Council, resolution 20/325

Project Name	Bridge File 2224 Lank Bridge
Project Number	PW-BF-4
Priority	4 - Medium/High
Service Area	Public Works - Bridges
Project Description	Bridge Maintenance, SW 16-09-01-W5
Project Cost	Engineering and Construction: $198,000
Funding Sources	Municipal Stimulus Program & Municipal Sustainability Initiative The MD received MSP Funding. Council approved the use of these funds in resolution 20/325. MSP will be applied to the two approved bridge files (74119 and 2224) to the maximum $352,447, MSI will be used thereafter ($16,053).
Timeline	Complete in 2021
Rationale for Need	The bridge structure was constructed in 1917 and is in poor condition primarily due to repairs in strip decking, wheel guards, bridge rails and bearings. Council approved this funding by using MSP.
Impact on future operating costs	
Impact on other departments	
Treatment of asset replaced	
Implications of deferral	Delay in reconstruction of this bridge will result in further deterioration and road closure.
Other options to Recommendation	Previously approved by Council, resolution 20/325

Project Name	Bridge File 75265 Local Road Over Heath Creek
Project Number	PW-BF-5
Priority	5 - High
Service Area	Public Works - Bridges
Project Description	Culvert replacement, NE SEC 11 TWP 10 RGE 1 W5M
Project Cost	Engineering (2021): $53,000 Construction (2022): $375,000 Total Project Costs: $428,000
Funding Sources	Reserve - Bridge Repair and Replacement
Timeline	2021 - Engineering 2022 - Complete
Rationale for Need	The bridge structure was constructed in 1960 and facilitates the passage of a local road over Heath Creek near Cowley, AB. The bridge culvert is currently in poor condition primarily due to cracked longitudinal seams with 55 mm of steel remaining in ring 4 and 68 mm of steel remaining in ring 3.
Impact on future operating costs	
Impact on other departments	
Treatment of asset replaced	
Implications of deferral	Delay in reconstruction of this bridge will result in further deterioration and road closure. There is no available detour available for residents as the road is a dead end. The Average Daily Traffic (AADT) is 32 vehicles.
Other options to Recommendation	A bridge liner and metal struts were reviewed but due to the condition of the culvert it isn't recommended.

Project Name	Bridge File #7743 Local Road over Gladstone Creek
Project Number	PW-BF-6
Priority	4 - Medium/High
Service Area	Public Works - Bridges
Project Description	Bridge Maintenance, SW 23-05-02-W5
Project Cost	Engineering (2021): $46,000 Construction (2022): $250,000 Total Project Costs: $296,000
Funding Sources	Reserve - Bridge Repair and Replacement
Timeline	Complete in 2022
Rationale for Need	The bridge structure was constructed in 1908 and facilitates the passage of a local road over Gladstone Creek near Pincher Creek, AB. The condition of the bridge is in poor condition due to repairs in strip decking, wheel guards, bridge rails, stringers and minor plank replacement.
Impact on future operating costs	
Impact on other departments	
Treatment of asset replaced	
Implications of deferral	Delay in reconstruction of this bridge will result in further deterioration and road closure.
Other options to Recommendation	

Project Name	Lundbreck 1st Street, 2nd Street, & 3rd Street
Project Number	PW-R-1
Priority	3 - Medium
Service Area	Public Works - Roads
Project Description	1st, 2nd and 3rd streets are remaining streets in Lundbreck that need to be upgraded. On all streets, replacement of the existing pavement structure is required as it is in poor condition. It will replaced with a new pavement, concrete swales, improvements of drainage and gravel structure. 1st Street - the intersection of 1st Street and Robinson, ½ block between Robinson and Breckenridge Ave, and from the Breckenridge Ave to Hamilton Ave 2nd Street – Breckenridge Ave. to Hamilton Ave. 3rd Street - Breckenridge Ave. to Hamilton Ave.
Project Cost	1st Street : $165,000 2nd Street: $250,000 3rd Street: $190,000 Total Project Costs: $605,000
Funding Sources	Reserve - Road Construction
Timeline	Complete in 2021
Rationale for Need	The roads are currently in poor condition. Residents of 1st, 2nd, and 3rd Street expect their streets be similar to the others in the community.
Impact on future operating costs	Reduce maintenance needs.
Impact on other departments	
Implications of deferral	Complaints from the hamlet residents would likely continue. Poor drainage and road condition will result in further road deterioration.
Other options to Recommendation	Tender will include all Lundbreck projects (1st, 2nd and 3rd street), however contractor must breakout the costs accordingly.

Project Name	Bruder Hill
Project Number	PW-R-2
Priority	4 - Medium/High
Service Area	Public Works - Roads
Project Description	Re-route and rebuild approximately 300 meters of a new road by removing a part west of the roadside hill located approximately 300 m north of Township Road 4-1A.
Project Cost	Engineering (2021): $20,000 Construction (2021): $450,000 Total Project Costs: $470,000
Funding Sources	Municipal Sustainability Initiative Grant - Capital • The M.D. has submitted an application for grant funding under the Local Roads & Bridges Program under STIP (AB Transportation). For budget purposes this project will flow through the guaranteed MSI funding.
Timeline	Complete in 2021
Rationale for Need	The existing section of the gravel road is washing out because of the failing slope caused by the river channel. One lane is currently closed for safety concerns. The Average Traffic count on this road is 14.
Impact on future operating costs	
Impact on other departments	
Implications of deferral	The road may have to be closed due to safety concerns. This would likely create problems with access to agriculture fields as the alternate route is approximately a 25 kilometre detour.
Other options to Recommendation	

Project Name	Gladstone
Project Number	PW-R-3
Priority	5 - High
Service Area	Public Works - Roads
Project Description	Cut down the hill, grade, shape, compact, pull shoulders, add a clay cap and re-gravel 0.6 km of road from Mill Creek bridge going south to the top of the Hill.
Project Cost	Engineering (2021): $20,000 Construction (2021): $230,000 Total Project Costs: $250,000
Funding Sources	Municipal Sustainability Initiative Grant - Capital
Timeline	Complete in 2021
Rationale for Need	This portion of road is on a bus route and serves 6 residences. It is currently in poor condition with extensive wash boarding and big rocks.
Impact on future operating costs	
Impact on other departments	
Implications of deferral	On-going safety concerns and an increase in operator time to continually temporarily fix.
Other options to Recommendation	

Project Name	Cabin Hill
Project Number	PW-R-4
Priority	4 - Medium/High
Service Area	Public Works - Roads
Project Description	Upgrade and re-align the unimproved road to current standards of approximately 4 KM of Cabin Hill Road from intersection of Range Road 1-0A and Township Road 8-4 to 1 KM south of Township Road 9-0A.
Project Cost	Engineering (2021): $64,000 Construction (2022): $1,007,500 Total Project Costs: $1,071,500
Funding Sources	Municipal Sustainability Initiative Grant - Capital
Timeline	Complete in 2022
Rationale for Need	Large snowdrifts and ice buildup caused by west blowing winds towards the valley result in the road becoming inaccessible to residents during the winter season.
Impact on future operating costs	
Impact on other departments	
Implications of deferral	If the service level cannot be maintained during winter conditions, sections of this road may become inaccessible to the six residents living in the area.
Other options to Recommendation	

Project Name	Hucik Hill
Project Number	PW-R-5
Priority	5 - High
Service Area	Public Works - Roads
Project Description	The work is located at Range Road 1-4 and would be to excavate, add a French drain, ditch grading and stabilize the slope on the east side of the road. The work would be done by internal forces.
Project Cost	Engineering (2021): $10,000 Construction (2021): $40,000 Total Project Costs: $50,000
Funding Sources	Reserve - Road Construction
Timeline	Complete in 2021
Rationale for Need	Slope failure is caused by a natural spring in the bank, pushing the soil into the ditch's bottom and soft spots caused by water entering the road structure.
Impact on future operating costs	The MD has used contractors and used staff throughout the past five years to temporary resolve the issue. This work will eliminate the need for future temporary repairs and reduce year maintenance.
Impact on other departments	
Implications of deferral	A continuation of slope failure issues, resulting in increased maintenance costs and soft spots in the subgrade of the road.
Other options to Recommendation	

Project Name	Landfill Road - RR 1-5
Project Number	PW-R-6
Priority	3 - Medium
Service Area	Public Works - Roads
Project Description	Upgrade and re-align the unimproved road to current standards of approximately 2.5 km of the Landfill Road. The work would be done by internal forces.
Project Cost	Engineering (2021): $20,000 Construction (2022): $180,000 Total Project Costs: $200,000
Funding Sources	Reserve - Road Construction
Timeline	Complete in 2022
Rationale for Need	This unimproved road is being used by residents and garbage trucks as another alternative to the landfill. The Average Daily traffic count and Average Weekly Daily Traffic (AWDT) is 47.
Impact on future operating costs	Reduced yearly maintenance costs.
Impact on other departments	
Implications of deferral	The unimproved road is not designed for that amount of vehicle traffic. Improvements in the road will reduce maintenance costs as the MD is already maintaining the road throughout the year.
Other options to Recommendation	Close the road as it is classified as "unimproved".

Project Name	Beaver Mines Distribution and Collection
Project Number	BMDC
Priority	5 - High
Service Area	Water Services
Project Description	Install a water distribution system and wastewater collection system at Beaver Mines followed by rehabilitation of the road surface (MPE).
Project Cost	Engineering (Previous): $365,895 Construction (2021): $4,119,994 Construction (2022): $1,765,711 Total Project Cost $6,251,600
Funding Sources	Other: The MD has received funding under Small Community Funds (SCF). Effective June 30th 2020 (resolution XX) the MD will fund the Beaver Mines Distribution and Collection project, where eligible, by applying SCF (66.67%), followed by MSI (100%). Funding under SCF is shared equally between the Federal, Provincial and Municipal District of Pincher Creek.

	Previous	2021	2022
SCF	**181,611**	**2,746,800**	**1,177,200**
MSI	**2,492**	**1,373,194**	**588,511**
Reserve	**181,792**		
Total	**$ 365,895**	**$4,119,994**	**$ 1,765,711**

Timeline	Complete in 2022 As of September 24th, the MD is still waiting for final approval from Alberta Enviroment and Parks. For budget purposes, the MD has assumed 70% of the remaining capital expenditures will be incurred in 2021, with the remaining 30% incurred in 2022.
Rationale for Need	Beaver Mines presently relies on point of use wells/cisterns for potable water and septic systems for wastewater collection and treatment. There are health and safety issues due to bacteria found in the water samples as well as septic systems in a state of deterioration.
Impact on future operating costs	Increased time for water treatment and wastewater collection personnel to monitor and maintain the system.
Impact on other departments	Health and safety issues will continue and may increase. Project costs may also increase.
Treatment of asset replaced	Land owners are responsible for the abandonment and reclamation of existing wells and septic systems.
Implications of deferral	
Other options to Recommendation	

Project Name	Beaver Mines Lift Station and Forcemain
Project Number	BMLSF
Priority	**5 - High**
Service Area	Wastewater
Project Description	Lift station and forcemain up to the tie in location (MPE)
Project Cost	Engineering (2019/2020): $83,221 Construction (2021): $1,950,745 Construction (2022): $836,034 Total Project Cost $2,870,000
Funding Sources	Other: The MD has received funding under Alberta Municipal Water, Wastewater Partnership (AMWWP) and Small Community Funds (SCF). Effective June 30th 2020 (resolution XX) the MD will fund the Beaver Mines Lift Station and Forcemain, where eligible, by applying AMWWP (75%), followed by SCF (66.67%), followed by MSI (100%).

	2019/2020	2021	2022
SCF	41,688	325,287	139,409
AMWWP	34,599	1,463,059	627,025
MSI	2,299	162,400	69,600
Reserves	4,635	-	-
Total	$ 83,221	$1,950,745	$ 836,034

Timeline	Complete in 2022 As of September 24th, the MD is still waiting for final approval from Alberta Enviroment and Parks. For budget purposes, the MD has assumed 70% of the remaining capital expenditures will be incurred in 2021, with the remaining 30% incurred in 2022.
Rationale for Need	Beaver Mines presently relies on point of use wells/cisterns for potable water and septic systems for wastewater collection and treatment. There are health and safety issues due to bacteria found in the water samples as well as septic systems in a state of deterioration.
Impact on future operating costs	Future opearting costs are unknown at this time.
Impact on other departments	
Treatment of asset replaced	
Implications of deferral	
Other options to Recommendation	

Project Name	Beaver Mines Waste Water Treatment Facility
Project Number	BML
Priority	**5 - High**
Service Area	Wastewater
Project Description	Banner Environmental Engineering Ltd. has been choosen to design and build infratstructure following the tie-in point, treatment, at grade system and access road (Banner).
Project Cost	Engineering and Regulatory (2019/2020): $560,950 Construction (2021): $1,903,335 Construction (2022): $815,715 Total Project Cost $3,280,000
Funding Sources	Other: The MD has received funding under Alberta Municipal Water, Wastewater Partnership (AMWWP) and Small Community Funds (SCF). Effective June 30th 2020 (resolution XX) the MD will fund the Beaver Mines Waste Water Treatment System, where eligible, by applying AMWWP (75%), followed by SCF (66.67%), followed by MSI (100%).

	2019/2020	2021	2022
SCF	289,482	317,238	135,959
AMWWP	206,331	1,427,501	611,786
MSI	2,934	158,595	67,969
Reserves	62,203	-	-
Total	$ 560,950	$1,903,335	$ 815,715

Timeline	Complete in 2022 As of September 24th, the MD is still waiting for final approval from Alberta Enviroment and Parks. For budget purposes, the MD has assumed 70% of the remaining capital expenditures will be incurred in 2021, with the remaining 30% incurred in 2022.
Rationale for Need	Beaver Mines presently relies on point of use wells/cisterns for potable water and septic systems for wastewater collection and treatment. There are health and safety issues due to bacteria found in the water samples as well as septic systems in a state of deterioration.
Impact on future operating costs	Banner anticipates operating costs of $20,000/year.
Impact on other departments	
Treatment of asset replaced	
Implications of deferral	
Other options to Recommendation	

Project Name	Excavator with Mulcher Attachment
Project Number	
Priority	5 - High
Service Area	Public Works - Equipment
Project Description	New CAT 320 excavator with c/up bucket, digging bucket, twister wrist and mulcher attachment
Project Cost	Excavator: $350,000 Mulcher: $40,000 Total $390,000
Funding Sources	Reserve - Equipment Replacement
Timeline	Complete in 2021
Rationale for Need	The excavator will enhance the level of service provided by Public Works with improving ditch grading, earth moving, mulching, culvert installation, reclamation, brushing and road stabilization projects.
Impact on future operating costs	Reduce the need to contract out services for ditching, mulching, culvert installation, earth moving, reclamation, brushing and road construction work.
Impact on other departments	
Implications of deferral	Continued cost to the MD to contract out these services. The annual brushing costs is between $40,000 to $50,000 annually.
Other options to Recommendation	

Project Name	10' Disc Harrow
Project Number	
Priority	5 - High
Service Area	Public Works - Equipment
Project Description	10' pull behind disc Harrow
Project Cost	$25,000
Funding Sources	Reserve - Equipment Replacement
Timeline	Complete in 2021
Rationale for Need	Necessary piece of equipment to complete soil stabilizer and road rehabilitation.
Impact on future operating costs	Reduced rental costs.
Impact on other departments	
Implications of deferral	Rental will be required. Approximately $2,600/Week
Other options to Recommendation	Purchase is contingent on assessing the success on the 2020 soil stabilizer pilot project. The MD will purchase this piece of equipment used via auction or another source.

Project Name	Wobbly Compactor
Project Number	
Priority	4 - Medium/High
Service Area	Public Works - Equipment
Project Description	Pull behind wobbly compactor.
Project Cost	$25,000
Funding Sources	Reserve - Equipment Replacement
Timeline	Complete in 2021
Rationale for Need	The equipment will allow for better compaction on gravel roads, applications of dust control and road rehabilitation. One less worker required as the equipment will attach to another piece of equipment.
Impact on future operating costs	Reduced manpower costs for this type of work. The MD will be able to re-purpose manpower to other projects.
Impact on other departments	
Implications of deferral	
Other options to Recommendation	The MD will purchase this piece of equipment used via auction or another source.

Project Name	Air Compressor and Lines
Project Number	
Priority	3 - Medium
Service Area	Public Works - Equipment
Project Description	Rotary screw air compressor with air dryer and air lines.
Project Cost	$25,000
Funding Sources	Reserve - Equipment Replacement
Timeline	Complete in 2021
Rationale for Need	The existing compressor is undersized and is located outside the shop causing it to freeze periodically in the winter. The existing air lines are rusted out therefore also require replacement.
Impact on future operating costs	Preventative measure to reduce delays and increased operating costs to temporarily repair the compressor/lines.
Impact on other departments	
Implications of deferral	A frozen compressor and rusted air lines may result in service delays at the public works shop.
Other options to Recommendation	

Project Name	Dump Trailer
Project Number	
Priority	3 - Medium
Service Area	Public Works - Equipment
Project Description	Trailtech Gooseneck heavy duty dump trailer
Project Cost	$25,000
Funding Sources	Reserve - Equipment Replacement
Timeline	Complete in 2021
Rationale for Need	Allow public works to complete smaller work more efficiently. Gravel trucks are sometimes too big for the work required.
Impact on future operating costs	Savings on fuel.
Impact on other departments	
Implications of deferral	Continued use of oversized equipment for smaller jobs.
Other options to Recommendation	

Project Name	Tri-Axle Pup
Project Number	
Priority	2 - Low/Medium
Service Area	Public Works - Equipment
Project Description	Tri Axle Pup for 421 Tandem truck
Project Cost	$35,000
Funding Sources	Reserve - Equipment Replacement
Timeline	Complete in 2021
Rationale for Need	Double the hauling capacity of our existing Tandem truck improving productivity and efficiency.
Impact on future operating costs	Savings on time and fuel.
Impact on other departments	
Implications of deferral	
Other options to Recommendation	The MD will purchase this piece of equipment used via auction or another source.

Project Name	Scissor Neck Tri-Axle
Project Number	
Priority	2 - Low/Medium
Service Area	Public Works - Equipment
Project Description	Scissor neck tri-Axle with Jeep
Project Cost	$90,000
Funding Sources	Reserve - Equipment Replacement
Timeline	Complete in 2021
Rationale for Need	The low boy already owned by MD is too small for the CAT Dozer and the grid packer when weight restrictions are in place.
Impact on future operating costs	Eliminate the need to hire contractors to haul the Municipality's equipment when road bans are in place.
Impact on other departments	
Implications of deferral	The Municipality will continue to depend on the contractor's availability to move the equipment.
Other options to Recommendation	The MD will purchase this piece of equipment used via auction or another source.

Project Name	Truck Mounted Intelligent Sprayer
Project Number	
Priority	3 - Medium
Service Area	Other
Project Description	Twin Reel High Pressure Weed Sprayers with 200m of hose and remote rewind reels.
Project Cost	$20,000
Funding Sources	Reserve - Equipment Replacement
Timeline	Complete in 2021
Rationale for Need	Replacement of an old sprayer that was decommisioned and sold. Heavily used piece of equipment prone to wear and tear that allows Ag Services to maintain our current service levels.
Impact on future operating costs	Cost of repairs to old equipment reduced. Reduced contracted spraying.
Impact on other departments	
Treatment of asset replaced	
Implications of deferral	Will be short one unit, higher risk of spill or injury in using older equipment.
Other options to Recommendation	

Project Name	Light Trucks X2
Project Number	
Priority	4 - Medium/High
Service Area	Public Works - Equipment
Project Description	Two light 3/4 ton crew cabs
Project Cost	$100,000 ($50,000 each)
Funding Sources	Reserve - Equipment Replacement
Timeline	Complete in 2021
Rationale for Need	The light vehicle fleet is getting old with an increasing number of km's on each vehicle. Truck replacement is required on Unit 640 - 2008 with 210,000 km's and Unit 484 - 2006 with 201,000 km's.
Impact on future operating costs	Reduced maintenance costs on older vehicles.
Impact on other departments	
Implications of deferral	The reliability of the vehicles and increased maintenance costs.
Other options to Recommendation	Six light trucks of the MD's current fleet are going to auction and will be sold in 2020. The proceeds from the auction will go directly into the equipment reserve.

Project Name	Park Improvement - Lundbreck Dog Park
Project Number	
Priority	3 - Medium
Service Area	Public Works - Equipment
Project Description	50m x 100m Off-Leash Dog Park within he Hamlet of Lundbreck. Will be located on the west side of the Hamlet adjacent to Patton Park, between Park St. and the CPR right-of-way. To consist of approximately 350m of 1.2m chain link fencing with two man gates, one tractor gate, two waste bag stations, and two garbage cans for said waste.
Project Cost	$25,000
Funding Sources	Public Trust Reserve
Timeline	Complete in 2021
Rationale for Need	There are numerous complaints from the citizens of Lundbreck about people letting their dogs off leash within the Hamlet and Patton Park. The proposed location is adjacent to the established walking trail making it easy access from the existing route.
Impact on future operating costs	
Impact on other departments	
Implications of deferral	
Other options to Recommendation	

Capital Grants & Reserves Summary

Capital Grants Summary

Available Grant Funding	2021	2022	2023	2024	2025
Beginning of year	14,771,289	6,355,095	3,238,068	4,546,001	5,853,934
Annual grants	1,307,933	1,307,933	1,307,933	1,307,933	1,307,933
Special grants	352,447	-			
Expenditures	(10,076,574)	(4,424,960)	-	-	-
End of year	6,355,095	3,238,068	4,546,001	5,853,934	7,161,867

Capital Reserve Summary

	Equipment	Road Construction	Bridges	Buildings	Water	WasteWater
Annual Transfer to Reserve	750,000	400,000	350,000	10,000	50,000	50,000
Projected End of the Year Balance						
2020	2,941,000	2,413,000	2,205,000	200,000	847,000	207,000
2021	3,006,000	2,138,000	2,456,000	210,000	897,000	257,000
2022	2,847,950	2,323,000	2,126,000	70,000	947,000	307,000
2023	2,577,850	1,503,000	2,126,000	80,000	997,000	357,000
2024	2,202,850	863,000	2,431,000	90,000	1,047,000	407,000
2025	2,152,850	298,000	2,501,000	100,000	1,097,000	457,000

Detailed Capital Grant Summary

	Municipal Sustainability Initiative (MSI) Capital	Federal Gas Tax Fund (GTF)	Municipal Stimulus Program (MSP)	Alberta Municipal Water/ Wastewater Partnership (AMWWP)	Small Community Funds (SCF)
Projected Balance Jan 1, 2021	4,935,000	30,000	-	4,319,070	5,487,219
Estimated 2021 Allocation	1,137,933	170,000	352,447	-	-
Funding Available	**6,072,933**	**200,000**	**352,447**	**4,319,070**	**5,487,219**
Beaver Mines Distribution and Collection	(1,373,194)	-	-	-	(2,746,800)
Beaver Mines Lift Station and Forcemain	(162,400)	-	-	(1,463,059)	(325,287)
Beaver Mines Waste Water Treatment Facility	(158,595)	-	-	(1,427,501)	(317,238)
BF #74119 Pony Truss Bridge	(7,673)	-	(162,827)	-	-
BF #2224 Lank Bridge	(8,381)	-	(189,620)	-	-
BF #75009 Wild Cat Ranch	(580,000)	-	-	-	-
BF #75377 Local Road over Screwdriver Creek	(370,000)	-	-	-	-
Bruder Hill	(470,000)	-	-	-	-
Gladstone	(250,000)				
Cabin Hill	(64,000)				
Projected Balance December 31, 2021	2,628,691	200,000	-	1,428,510	2,097,894
Estimated 2022 Allocation	1,137,933	170,000	-	-	-
Cabin Hill	(1,007,500)	-	-	-	-
Beaver Mines Distribution and Collection	(588,511)	-	-	-	(1,177,200)
Beaver Mines Lift Station and Forcemain	(69,600)	-	-	(627,025)	(139,409)
Beaver Mines Waste Water Treatment Facility	(67,969)	-	-	(611,786)	(135,959)
Projected Balance December 31, 2022	2,033,043	370,000	-	189,698	645,326