



TRANSPORTATION SERVICES

TO:	Council		
DATE:	September 22, 2020	DIVISION:	All
FILE:	4050-100	APPLICATION:	N/A
SUBJECT:	Pavement Preservation Budget Adjustment for 2020		

POLICY DIRECTION:

In accordance with the *Municipal Government Act*, Council is the approving authority for the County's budget and for adjustments to the budget. A budget adjustment of \$560,000 is required to repair outstanding hard surface road failures to the end of December 2020.

EXECUTIVE SUMMARY:

As a result of a particularly severe winter/spring season in early 2020, and the removal of spring road bans by the Province in response to COVID-19, the approved 2020 operating budget for pavement preservation was entirely depleted by mid-July. Despite efforts to minimize the impact by reallocating funds within the approved 2020 Operating Budget, an additional \$560,000 will be required to support outstanding repairs to the end of December.

ADMINISTRATION RECOMMENDATION:

Administration recommends approval in accordance with Option #1.

BACKGROUND:

On March 17, 2020, Alberta Transportation enacted a 90 day Ministerial Order "exempting commercial vehicles from road bans on provincial and municipal roads" in response to COVID-19. This increase in truck weights during the spring ban combined with a severe spring thaw resulted in significant damage to the County's road network. To date, repairs of \$3,483,540 have been completed and accommodated in the 2020 Operating Budget. Approximately \$1M of the total damage can be related to the ban increase. The chart below outlines the remaining unfunded failures which present a risk to public travel.

Road Name	From Road	To Road	Sq.M Total	Priority	Estimate
Service Road - Hwy 2	Petro Canada	Petro Canada	590	2	\$36,000
MacKinnon Flats	TWP-222	Dead End	11,190	3	\$424,000
Beaupre Creek Road	Griffin Ranch	Wildcat Hills	3,822	4	\$100,000
				Total	\$560,000

Effective January 1, 2021, the Province will be implementing the following three changes to the Commercial Regulation for Weights and Dimensions:

- 1) Legal carrying weight allowed for a tridem axle will be increased from 17,000 kg to 24,000 kg. This represents an increase of 7,000 kg or 41 percent and has the potential to damage certain roads within the County in particular during annual spring thaw depending on the existing road structure and surface type. Tridem axles operating at or below 24,000 kg will not require a permit from the County thereby removing the County's opportunity to assess whether or not the increased weight may damage the County's road network.

Administration Resources

Steven Hulsman, Transportation Services



- 2) Trucks and trailers will be permitted to use wider, single tires instead of dual (two) tires on provincial and municipal roads. Currently Rocky View County has not been allowing the use of these tires on the road network due to the potential for road damage caused by the tire during turning movements depending on the existing road structure and surface type.
- 3) The legal carrying weight allowed for the steering axle of a bed, picker or winch truck will be increased from 5-25 percent which has the potential to damage certain roads within the County in particular during annual spring thaw depending on the existing road structure and surface type.

It is the determination of Administration that the increased weights will increase the damage to the County's road network specifically during the spring ban season. Staff will not be able to monitor movements throughout the County due to the requirement not to permit.

COUNCIL STRATEGIC OBJECTIVES:

The Pavement Preservation Budget Adjustment supports Council's Strategic Objectives of *"Create a Culture of Customer Service"* and *"Strengthen our Financial Resiliency"* by:

- Ensuring a safe and efficient transportation system for residents and businesses operating within the County; and
- Reducing future rehabilitation costs and disruptions to traffic by performing preventative maintenance prior to the onset of critical pavement damage to extend the life of the road surfaces.

BUDGET IMPLICATIONS:

The overall pavement preservation budget for 2020 will be increased from \$3,132,000 to \$3,692,000 using a transfer of \$560,000 from the Transportation Levy.

COMMUNICATIONS PLAN:

N/A

OPTIONS:

- Option #1: THAT the budget adjustment of \$560,000 for additional pavement preservation be approved as per Attachment 'A'.
- Option #2: THAT alternative direction be provided.



ROCKY VIEW COUNTY

Respectfully submitted,

Concurrence,

“Byron Riemann”

“Al Hoggan”

Executive Director

Chief Administrative Officer

SH/bg

ATTACHMENTS:

ATTACHMENT 'A' - Pavement Preservation - Budget Adjustment