



AGENDA ITEM

Five-Year New Pavement Plan

October 10, 2019

BACKGROUND

Lacombe County Policy OP (45) New Paved Road Criteria:

Lacombe County recognizes the value of long-range planning for infrastructure and therefore endorses the development and maintenance of a plan to identify roads that may be considered for hard surfacing and/or pavement.

The criteria used to analyze the need for pavement is:

- a) Public safety
- b) Maintenance concerns
- c) Traffic volumes and type of traffic
- d) General condition of existing road
- e) Contribution from industry
- f) Traffic patterns and alternative roads available
- g) Cost of paving
- h) Continuity of paved road system
- i) Service for new developments

Using this criteria, Administration has developed a five-year plan for new paving projects.

ANALYSIS

2020 - Spruceville South (Range Road 27-4)

Range Road 27-4 between Highway 12 and Aspelund Road was reconstructed and widened to 12.4m in 2019 to allow for the future paving of these six miles. To accommodate this widening, extra right-of-way was acquired along both sides of the road allowance for proper ditching and a bridge culvert was extended. The rail crossing was also upgraded to the proper standard for a paved main road.

Traffic counts have peaked at 259 vehicles a day on Range Road 27-4. While this is below the suggested threshold, the traffic is disproportionately oilfield and farming operations, increasing the maintenance requirements. The potential for future development and the expected competitive costing add to the criteria resulting in this being a strong candidate for paving.

2021 - Sandy Point Trail

The Sandy Point Trail is part of the Recreation Strategic Priority in pursuing more recreational opportunities, which includes trails and interconnectivity.

The base for the trail was roughly constructed when the road was built in 2017, and the trail is therefore 'shovel ready'.

An Application for grant funding in the form of the Investing in Canada Infrastructure Program for 40% of the trail cost, with the remaining 60% funded from MSI. Should the grant funding application be unsuccessful, further funding options will be explored.

2023 - Aspelund Extension (Township Road 39-4)

The portion of Township Road 39-4 considered the Aspelund Extension is from Highway 20 to the Silver Springs subdivision, between Range Roads 1-5 and 2-0. This portion of road was built in 2004 in anticipation of pavement in the future, though no timeline was established.

Peak traffic counts are 329 vehicles per day, which does not meet the minimum suggested guideline of 400. Administration believes the traffic counts are not an accurate representation of the demand due to residents using the Summer Village of Birchcliff and Jarvis Bay roads as an alternative when conditions are poor. When Twp Rd 39-4 is paved, it is anticipated traffic counts will increase.

During the summer months, this road is graded at least once a week, weather dependent. This is significantly more often than the standard of once every two and one-half weeks. Due to a wider road structure, each mile is more time consuming to maintain, including the plowing of snow in the winter. This stretch of road is also on the gravel program every second year, as opposed to every third year.



Five Year Schedule

	2020	2021	2022	2023	2024
Spruceville South	\$5,500,000				
Sandy Point Trail		\$529,900			
Aspelund Extension				\$2,328,900	

ALTERNATIVES

1. Approve the Five Year Paving Plan as presented, and authorize the County Manager to tender and award the Spruceville paving project for 2020.
2. Take other action as determined by Council.

BUDGET IMPLICATIONS

Cost Estimate

Spruceville South \$5,500,000

Sources of Funding

New Pavement Reserve	\$845,000
Community Resource Reserve	\$1,783,515
MSI Grant Funding	\$1,214,720
Federal Gas Tax Funding	<u>\$1,656,765</u>
Total	\$5,500,000

LEGISLATIVE RESPONSIBILITIES

Municipal Government Act – Section 18 (1) - Subject to this or any other Act, a municipality has the direction, control and management of all roads within the Municipality.

Municipal Government Act: Section 3 – The purposes of a municipality are:

- (a) to provide good government,
- (b) to provide services, facilities or other things that, in the opinion of council, are necessary for all or a part of the municipality, and
- (c) to develop and maintain safe and viable communities

Municipal Government Act: Section 283.1 (3) – Each municipality must prepare a written plan respecting its anticipated capital property additions over a period of at least the next 5 financial years.

PUBLIC PARTICIPATION

Pursuant to Policy AD(40), Public Participation, the level of engagement utilized for the five year New Pavement Plan is to inform. The County is committed to keeping all stakeholders informed through the following engagement tools:

- County Website
- County News
- Media
- Social Media
- In person meetings with landowners directly adjacent

STRATEGIC PLAN

The following elements of the County’s Strategic Plan are relevant to this issue:

Core Strategy #6 – Infrastructure

6.2 (A) – Develop a long-range capital asset plan.

Core Strategy #7 – Recreation

7.4(A) – Support and pursue future trail opportunities.

RECOMMENDATION

That Council approve the following resolution:

That Council adopt the five-year New Pavement Plan; and further, that Council authorize the County Manager to tender and award the 2020 project.

PREPARED BY: Brandon Maier, Manager of Operations
REVIEWED BY: Bill Cade, Director of Operations
REVIEWED BY: Tim Timmons, County Manager

