

memo

JK Solutions Ltd.

To: Director Karen Goodings, Director Dave Heiberg, Director Rob Fraser, Director Dale Bumstead
From: Jackie Kjos
CC: Tyra Henderson
Date: October 28, 2020
Re: Refresh of North Peace Rural Roads Report – for discussion/decision at November 3, 2020 meeting

Discussion 2020 has been full of change and surprises and for the most part, this initiative has taken a “wait and see” approach. Based on the current status, I am proposing that it may be an optimum to use some of the budget savings realized in 2020 to refresh the *North Peace Rural Road – On the Road Again* report. This is NOT time sensitive (you could do it next year) but it is worth considering now.

Why?

- There will be a new Minister (and Regional Manager) and by updating you can direct the message to the NDP’s second term, post Covid-19 recovery and the importance of regions in the economy of BC
- LNG was not approved when I developed this report in early 2018 – there is opportunity to enhance the long term impacts on NP roads
- I have taken a LOT of pictures (including drone) since this report came out – it relied on a old photos which could be swapped out for new, more relevant photos
- Some of the 2016 census data was not released when the report was completed
- There are opportunities to improve on the report based on the current reality
- 2021 is uncertain. To date I have not heard if you plan to continue initiative or how you propose to proceed. If you plan to continue and I am potentially not the successful contractor going forward, me updating the report before December 31 will be much more efficient. A new contractor would have to heavily reference or re-write everything to get away from plagiarism rules. I do not have to as it is all my work.

Attached is chapter by chapter analysis of the opportunities for update/improvement and my estimate of the amount of work to do it. This can be a starting point for your discussion as you may want to do more or less than I am proposing, but this would provide you with a product to get through the next 4 years with the new government.

If you want to refer to the existing report, it is available here:

<https://1drv.ms/b/s!AmTWKmwAIYTTiyZLjQhGwemlhB4z>

My estimate is \$7,000 (70 hrs) plus there will be some stats and potentially other updates which fall in the other parts of the budget (e.g. gravel and road bans) still identified for completion in 2020. I have reworked “PRRD Budget 2020 Oct Update” to accommodate 70 hours for this under RECOMMENDED.

		Update Hrs	Proposed Change
Cover		2	
Table of Contents			
Executive Summary		2	
1 Introduction	1	2	minor updates/proofing/improving
Purpose	1		
Background	1		
Methodology	1		
Scope	2		
2 The Rural Roads Task Force – Then and Now	2	3	
Then	2		
Now	4		strengthen load ban impacts / add new info about 2017-2020 progress
Our Vision	5		verify vision is correct (possibly review at upcoming RRTF meeting)
3 North Peace Geography	8	2	
Geography	8		minimal change - review of Site C road impacts (if any)
Soil	9		minimal change
Gravel	10	2.5	incorporate new info if gravel analysis is done - some work needed here
4 The Rural Roads and the People Who Depend on Them	10	2	
Rural Road Users	11		review and minor updates if identified
The North Peace Rural Roads	12		review and minor updates if identified
The Cost of Poor Roads	12		review and minor updates if identified
5 North Peace Economic Drivers	14		
Agriculture	14	1	review and minor updates if identified
Forestry	16	1	review and minor updates if identified
Energy	19	10	Re-work and strengthen LNG and NP as the long term feedstock
Transportation	26	2	
Labour Force	27	1	
6 Seasonal Load Restrictions	28	2	
Load Restriction Impacts	32		strengthen - focus on "what we lost"
7 Road Design	36	5	
Road Rehabilitation in the North Peace	37		acknowledge the cost of the Peace Template (but continue to support it)
High Volume Gravel Roads	39		

8 Current Priorities	41	5	update all road information
Priority 1 - Baldonnel Road	42		
Priority 2 – Beatton Airport Road	44		
Priority 3 – Farrell Creek Road	46		
Priority 4 – Golata Creek/Cutoff Road	51		
Priority 5 – Beryl Prairie Road	56		
Roads West of the Alaska Highway	58		
Roads North of Fort St. John	60		
Roads East of the Beatton River	63		
9 Graveling, Ditching and Brushing	66	2	minor updates
10 Conclusions	71	20	
The Big Picture	71		bring in the reality that regional economies will lead to BC recovery
Natural Gas Roads Upgrade Program	71		
The Side Road Program	71		
11 Recommendations	72	5	
Priority 1 - Baldonnel Road	72		
Priority 2 - Beatton Airport Road	72		
Priority 3 - Farrell Creek Road	72		
Priority 5 – Golata Creek Road	72		
Priority 5 - Beryl Prairie Road	73		
Pullouts	73		
Graveling, Ditching and Brushing	73		
Preservation of Existing Investment	73		This will be moved up and emphasised (e.g. loss of legal axle loading)
Appendix 1 - Rural Road Task Force	74	0.5	update
Appendix 2 - Consulting Team and Contacts	75		
	Total	70	

General Notes:

Census 2016 would not have fully reported out when the 2017 report was completed. All graphs should be updated to include 2016 data
Update pictures where feasible - Jackie has been on the roads a lot since this report and has better/more current photos
Review/possibly remove land sale information - it no longer benefits us.
Update all stats