

RR14 Update

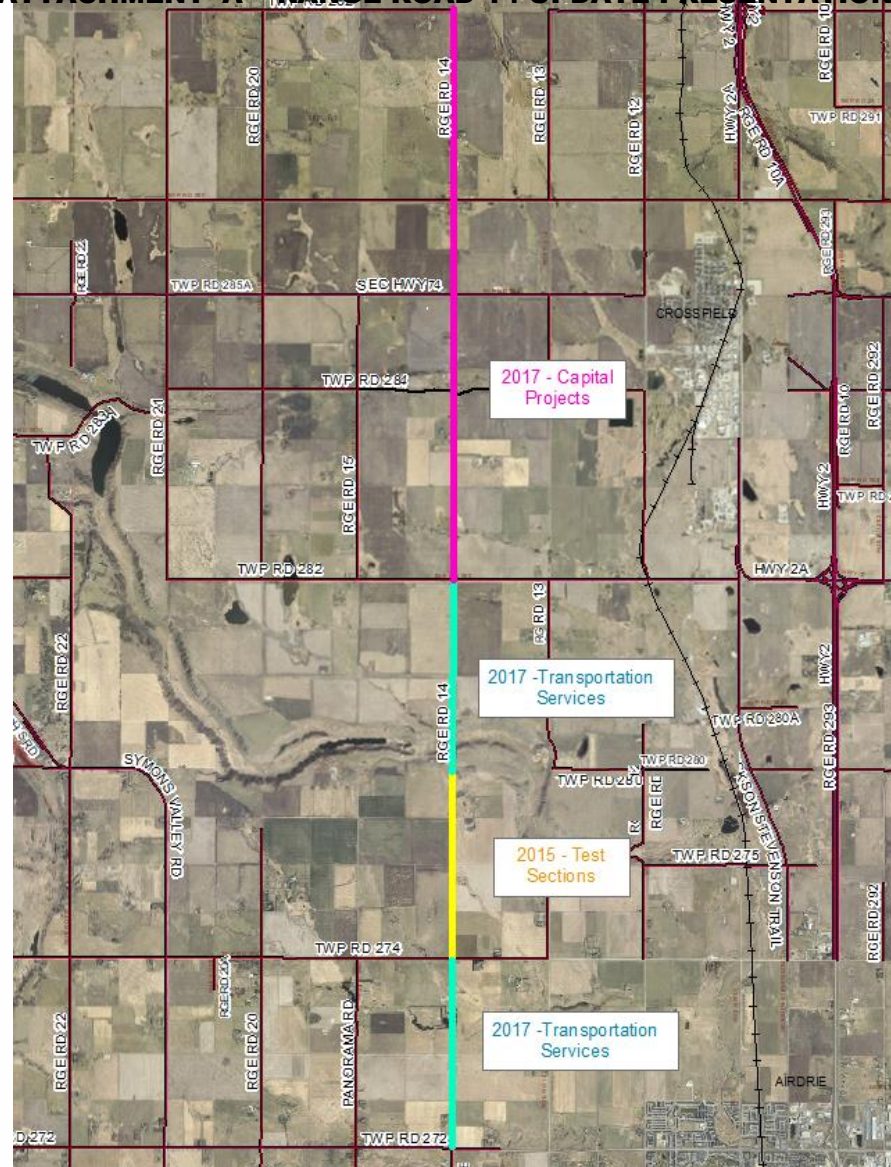


History

- Gravel road 11m wide
- Exceeding 150vpd, 30% truck traffic
- Weekly grading
- Yearly spot gravel
- Yearly gravel program
- Excessive dust
- Excessive washboard
- Frost failures



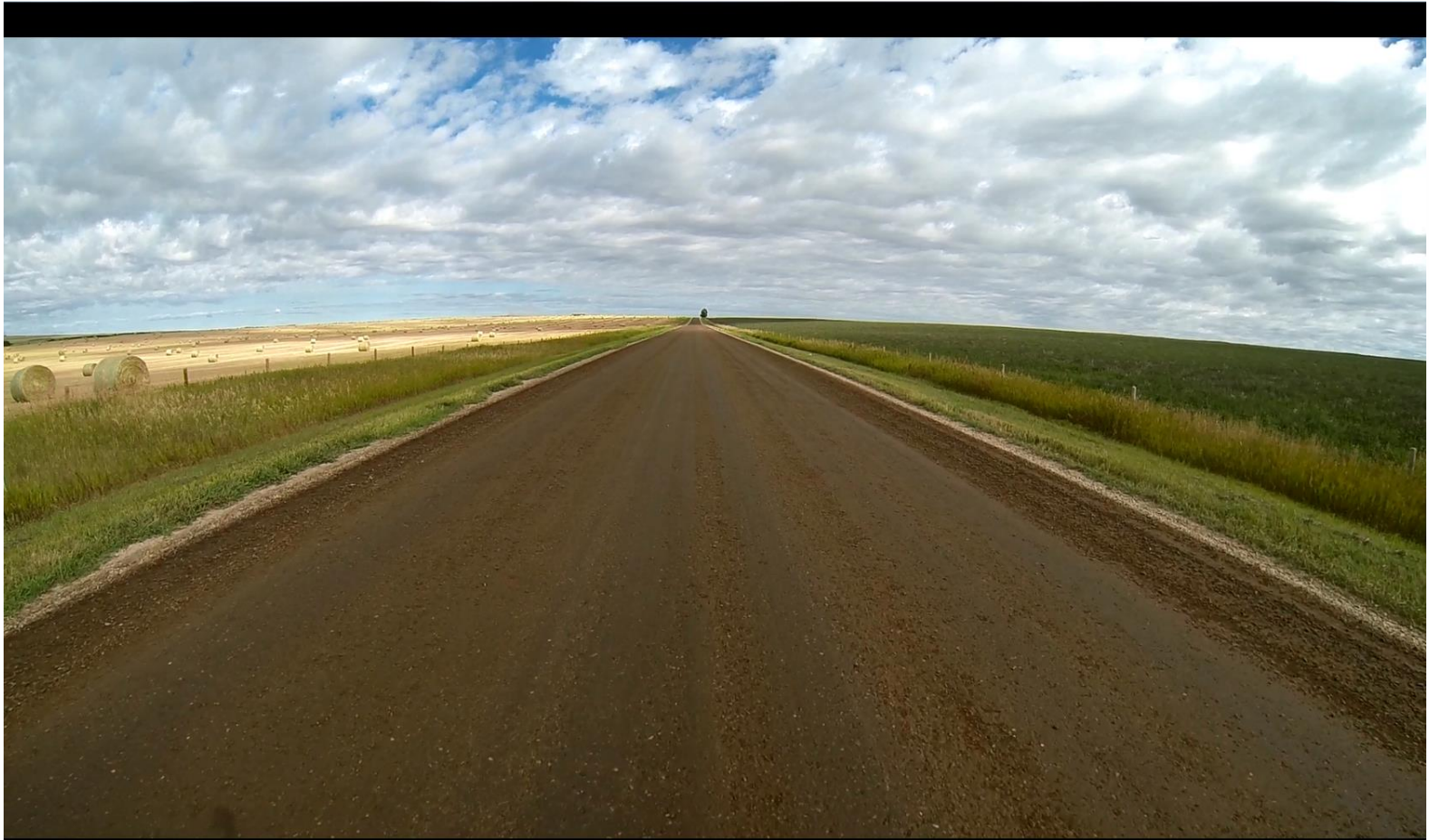
F-7 - Attachment A
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Treatment Process



After Treatment



Maintenance



At Lifecycle



Comparative Costs

TWP282 north to County Boundary – 9km



Continue Treatment - Add Gravel

	2021	2022	2023	2024	2025	2026	6 Year Cost
Initial Stabilization	\$330,000						
Maintenance		\$5,000	\$5,000		\$5,000	\$5,000	
Restabilization				\$145,000			
Annual Cost	\$330,000	\$5,000	\$5,000	\$145,000	\$5,000	\$5,000	\$495,000

Continue Treatment

	2021	2022	2023	2024	2025	2026	
Initial Stabilization	\$145,000						
Maintenance		\$5,000	\$5,000		\$5,000	\$5,000	
Restabilization				\$145,000			
Annual Cost	\$145,000	\$5,000	\$5,000	\$145,000	\$5,000	\$5,000	\$310,000

Regular Maintenance

Initial Gravel	\$16,000						
Annual Regravel		\$16,000	\$16,000	\$16,000	\$16,000	\$16,000	
Grading (30)	\$46,800	\$46,800	\$46,800	\$46,800	\$46,800	\$46,800	
Dust Abatement - 2km	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	
Annual Cost	\$68,800	\$68,800	\$68,800	\$68,800	\$68,800	\$68,800	\$412,800



Surface Stabilization

	6 Year Cost	Per km
Remix - add 2" modified gravel	\$495,000	\$55,000
Remix	\$310,000	\$34,444

Regular Maintenance

Annual Gravel		
Grading (30)		
Dust Abatement		
Total	\$412,800	\$45,867

Asphalt

Class "D"	\$5,062,500	\$562,500
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Questions?

