

				0	initial year
				3.00%	inflation rate per table at right
				103.00%	factor-increase over prior year
	COST PER 1 MILE				
	PAVEMENT		GRAVEL WITH DUST CONTROL	A	GRAVEL - NO DUST CONTROL
Year 0	\$220,260	B	\$147,857		\$147,857
Grade Apr-Oct (1 per month)	\$0		\$1,386	C	\$1,386
Dust Control 2 Times	\$0		\$8,000		\$0
Grading more than once per month	\$0		\$0	D	\$0
Crack Sealing	\$0		\$0		\$0
Replenish Gravel	\$0		\$0		\$0
Pavement resurfacing	\$0		\$0		\$0
Year 1					
Grade 7 times Apr-Oct (1 per month)	\$0		\$1,428		\$1,428
Dust Control 2 Times	\$0		\$8,240		\$0
Grading more than once per month	\$0		\$0		\$0
Crack Sealing	\$0		\$0		\$0
Replenish Gravel	\$0		\$0		\$0
Pavement resurfacing	\$0		\$0		\$0
Year 2					
Grade 7 times Apr-Oct (1 per month)	\$0		\$1,470		\$1,470
Dust Control 2 Times	\$0		\$8,487		\$0
Grading more than once per month	\$0		\$0		\$0
Crack Sealing	\$0		\$0		\$0
Replenish Gravel	\$0		\$0		\$0
Pavement resurfacing	\$0		\$0		\$0
Year 3					
Grade 7 times Apr-Oct (1 per month)	\$0		\$1,515		\$1,515
Dust Control 2 Times	\$0		\$8,742		\$0
Grading more than once per month	\$0		\$0		\$0
Crack Sealing	\$0		\$0		\$0
Replenish Gravel	\$0		\$0		\$0
Pavement resurfacing	\$0		\$0		\$0

Year 4					
Grade 7 times Apr-Oct (1 per month)	\$0		\$1,560		\$1,560
Dust Control 2 Times	\$0		\$9,004		\$0
Grading more than once per month	\$0		\$0		\$0
Crack Sealing	\$0		\$0		\$0
Replenish Gravel	\$0		\$0		\$0
Pavement resurfacing	\$0		\$0		\$0
Year 5					
Grade 7 times Apr-Oct (1 per month)	\$0		\$1,607		\$1,607
Dust Control 2 Times	\$0		\$9,274		\$0
Grading more than once per month	\$0		\$0		\$0
Crack sealing	\$28,982		\$0		\$0
Replenish Gravel	\$0		\$0		\$0
Pavement resurfacing	\$0		\$0		\$0
Year 6					
Grade 7 times Apr-Oct (1 per month)	\$0		\$1,655		\$1,655
Dust Control 2 Times	\$0		\$9,552		\$0
Grading more than once per month	\$0		\$0		\$0
Crack sealing	\$0		\$0		\$0
Replenish Gravel	\$0		\$0		\$0
Pavement resurfacing	\$0		\$0		\$0
Year 7					
Grade 7 times Apr-Oct (1 per month)	\$0		\$1,705		\$1,705
Dust Control 2 Times	\$0		\$9,839		\$0
Grading more than once per month	\$0		\$0		\$0
Crack sealing	\$0		\$0		\$0
Replenish Gravel	\$0		\$181,846 E		\$181,846
Pavement resurfacing	\$0		\$0		\$0
Subtotal after 7 years	\$249,242		\$413,166		\$342,028
COST PER 1 MILE					

Year 8	PAVEMENT		GRAVEL WITH DUST CONTROL A	GRAVEL - NO DUST CONTROL
Grade 7 times Apr-Oct	\$0		\$1,756	\$1,756
Dust Control 2 Times	\$0		\$10,134	\$0
Grading more than once per month	\$0		\$0	\$0
Crack sealing	\$0		\$0	\$0
Replenish Gravel	\$0		\$0	\$0
Pavement resurfacing	\$0		\$0	\$0
Year 9				
Grade 7 times Apr-Oct (1 per month)	\$0		\$1,808	\$1,808
Dust Control 2 Times	\$0		\$10,438	\$0
Grading more than once per month	\$0		\$0	\$0
Crack sealing	\$0		\$0	\$0
Replenish Gravel	\$0		\$0	\$0
Pavement resurfacing	\$0		\$0	\$0
Year 10				
Grade 7 times Apr-Oct (1 per month)	\$0		\$1,863	\$1,863
Dust Control 2 Times	\$0		\$10,751	\$0
Grading more than once per month	\$0		\$0	\$0
Crack sealing	\$33,598		\$0	\$0
Replenish Gravel	\$0		\$0	\$0
Pavement resurfacing	\$0		\$0	\$0
Year 11				
Grade 7 times Apr-Oct	\$0		\$1,919	\$1,919
Dust Control 2 Times	\$0		\$11,074	\$0
Grading more than once per month	\$0		\$0	\$0
Crack sealing	\$0		\$0	\$0
Replenish Gravel	\$0		\$0	\$0
Pavement resurfacing	\$0		\$0	\$0
Year 12				
Grade 7 times Apr-Oct (1 per month)	\$0		\$1,976	\$1,976
Dust Control 2 Times	\$0		\$11,406	\$0
Grading more than once per month	\$0		\$0	\$0
Crack sealing	\$0		\$0	\$0

Replenish Gravel	\$0		\$0		\$0
Pavement resurfacing	\$0		\$0		\$0
Year 13					
Grade 7 times Apr-Oct (1 per month)	\$0		\$2,035		\$2,035
Dust Control 2 Times	\$0		\$11,748		\$0
Grading more than once per month	\$0		\$0		\$0
Crack sealing	\$0		\$0		\$0
Replenish Gravel	\$0		\$0		\$0
Pavement resurfacing	\$0		\$0		\$0
Year 14					
Grade 7 times Apr-Oct (1 per month)	\$0		\$2,035		\$2,035
Dust Control 2 Times	\$0		\$11,748		\$0
Grading more than once per month	\$0		\$0		\$0
Crack sealing	\$0		\$0		\$0
Replenish Gravel	\$0		\$223,647		\$223,647
Pavement resurfacing	\$0		\$0		\$0
Subtotal after 14 years	\$282,840		\$727,506		\$579,067
COST PER 1 MILE					
Year 15	PAVEMENT		GRAVEL WITH DUST CONTROL A		GRAVEL - NO DUST CONTROL
Grade 7 times Apr-Oct (1 per month)	\$0		\$2,096		\$2,096
Dust Control 2 Times	\$0		\$12,101		\$0
Grading more than once per month	\$0		\$0		\$0
Crack sealing	\$38,949		\$0		\$0
Replenish Gravel	\$0		\$0		\$0
Pavement resurfacing	\$0		\$0		\$0
Year 16					
Grade 7 times Apr-Oct (1 per month)	\$0		\$2,159		\$2,159
Dust Control 2 Times	\$0		\$12,464		\$0
Grading more than once per month	\$0		\$0		\$0
Crack sealing	\$0		\$0		\$0

Replenish Gravel	\$0	\$0	\$0
Pavement resurfacing	\$0	\$0	\$0
Year 17			
Grade 7 times Apr-Oct (1 per month)	\$0	\$2,224	\$2,224
Dust Control 2 Times	\$0	\$12,838	\$0
Grading more than once per month	\$0	\$0	\$0
Crack sealing	\$0	\$0	\$0
Replenish Gravel	\$0	\$0	\$0
Pavement resurfacing	\$0	\$0	\$0
Year 18			
Grade 7 times Apr-Oct (1 per month)	\$0	\$2,291	\$2,291
Dust Control 2 Times	\$0	\$13,223	\$0
Grading more than once per month	\$0	\$0	\$0
Crack sealing	\$0	\$0	\$0
Replenish Gravel	\$0	\$0	\$0
Pavement resurfacing	\$0	\$0	\$0
Year 19			
Grade 7 times Apr-Oct (1 per month)	\$0	\$2,360	\$2,360
Dust Control 2 Times	\$0	\$13,619	\$0
Grading more than once per month	\$0	\$0	\$0
Crack sealing	\$0	\$0	\$0
Replenish Gravel	\$0	\$0	\$0
Pavement resurfacing	\$0	\$0	\$0
Year 20			
Grade 7 times Apr-Oct (1 per month)	\$0	\$2,430	\$2,430
Dust Control 2 Times	\$0	\$14,028	\$0
Grading more than once per month	\$0	\$0	\$0
Crack sealing	\$0	\$0	\$0
Replenish Gravel	\$0	\$0	\$0
Pavement resurfacing	\$234,794	\$0	\$0
Year 21			
Grade 7 times Apr-Oct (1 per month)	\$0	\$2,503	\$2,503

Dust Control 2 Times	\$0	\$14,449	\$0
Grading more than once per month	\$0	\$0	\$0
Crack sealing	\$0	\$0	\$0
Replenish Gravel	\$0	\$275,058	\$275,058
Pavement resurfacing	\$0	\$0	\$0
Subtotal after 21 years	\$556,584	\$1,111,349	\$870,189
NOTES			
A - there has not been a lot of support in the past by residents for dust control			
B - would we plow a mile of pavement more often, plows are sent out with 1" of snow on paved roads			
C - do we need to grade more than once per month to adequately maintain gravel roads			
D - would grading be less than once per month with dust control			
E - March handout indicated gravel would last 5+ years for gravel replacement, used 7 years as an estimate			