

BENTON COUNTY GRAVEL ROAD STABILIZATION PROGRAM

June 1, 2001 To May 31, 2007

I. BACKGROUND

The Gravel Road Stabilization Program was a study initiated in 2001 to determine if gravel road stabilization application procedures would be more cost effective and provide greater customer satisfaction versus more frequent grading and rocking as currently utilized by the County. Certain comparable gravel roads were selected and annual cost data has been gathered over the last six years. The study results are expected to provide enough data to support a policy decision for the future maintenance of certain gravel roads.

Also included in this report, is an up-dating of the ADT's (Average Daily Traffic) counts for the County's gravel roads. This updated data is necessary to accurately compare roads with different traffic usage.

II. STUDY CRITERIA AND DATA

Twelve County gravel roads had been receiving some levels of stabilization procedures prior to the study with somewhat favorable results. For the study, selected roads have been categorized into the two groups, Stabilized Roads and Comparable Untreated Roads. Three different untreated roads, with similar road features, conditions, number of residents and traffic volumes were chosen for comparison to each stabilized road. See Tables 1 for comparable roads selected.

Stabilizing consists of pregrading, watering and rolling prior to the application of a liquid lignin sulfonate product, with application rates as set by the Evaluation Criteria (April 17, 2001), to assure uniformity during the term of the study period. During the study period, some additional grading and rocking occurred to correct

necessary road deficiencies. Both types of roads were brought to as near as comparative levels at the beginning of the study.

County Road Maintenance personnel have monitored and recorded the maintenance expenditures, including materials, labor, equipment and inspection costs for the following roads in each category.

Gravel roads selected for the study:

<u>Stabilized Roads</u>	<u>Miles</u>	<u>Comparable Untreated Roads</u>	<u>Miles</u>
Airport Avenue	1.52	Alexander Road	1.072
Ervin Road	2.55	Beaver Creek	1.565
Evergreen Road	1.23	Cherry Creek	0.756
Foster Road	2.46	Bruce Road	0.881
Gellatly Way	0.69	Dykstra Road	0.492
Greasy Creek Road	0.45	Fudge Road	0.956
Larson Road	0.50	Green Peak	1.584
Orchard Tract Road	1.31	Harris Road	1.149
Peterson Road	1.75	Lakeside Drive	1.287
Sulphur Springs Road	0.61	Neuman Road	1.445
Wonderly Lane	0.41	Nichols Road	1.291
Woods Creek Road	<u>1.49</u>	Norton Creek	0.913
Total	14.97	SE Powells	1.274
		Robinson Road	1.595
		Starr Creek	2.523
		Tampico Road	1.954
		Wiles Road	<u>1.214</u>
		Total	21.951

For the ADT updating, two volunteers from the Benton County Roads Advisory Committee (RAC) setout during the last half of 2006 with road traffic counters. They set the counters at various locations along each gravel road in the county and enlisted the help of property owners along each road to monitor and record the traffic numbers each day for seven days. The property owner volunteers were very gracious and cooperative with their recording responsibilities. The two RAC volunteers collected the accumulated traffic counts and tabulated the results. (See Table 2) The volunteers logged 199 hours and traveled 2,549 miles to accomplish this task.

III. RESULTS

Table 1: Reflects the comparative conditions of the selected roads.

Table 2: Reflects the updated ADT's (Average Daily Traffic) results.

Table 3: Reflects the 6 Year Cost Summaries for the individual Comparable Roads and Stabilized Roads.

Tables 3.1-3.7: Reflect supporting annual and total six year cost data for the various roads. These tables indicate the comparisons of the average cost per mile per year for each stabilized road verses the average cost per comparable gravel road group per mile per year. Also shown in these table are the average yearly costs per mile for each road type.

IV. OBSERVATIONS AND COMMENTS

The average cost per mile per year for the stabilized roads was about 2% more costly (\$3,756 vs. \$3,677) than maintaining the comparable untreated roads. The stabilization product and application is more costly as a one time annual process, whereas, the untreated gravel roads require more frequent maintenance grading and rocking. Under ideal stabilized road conditions, there should be less frequent ongoing labor and equipment expenditures for the remainder of the yearly budget. Normally, these maintenance resources could then be utilized on other projects and maintenance, providing an overall cost savings in other areas, however, recent reductions in the work force makes it more difficult to keep up with and provide ideal stabilization preparation, i.e. grading, watering and rolling. Also, heavy rains after the stabilization application reduce the effectiveness of the treatment.

Over the six year study period, some stabilized roads were more costly than others. As noted below, Ervin Road, Evergreen Road, Foster Road and

Sulphur Springs Road were more costly. There were some physical changes to some roads over the years, i.e. shaded areas became open due to adjacent clear cutting and there were changes in logging truck traffic due to changing logging areas.

Comments from several residents along Foster Road said they were very impressed with the current condition of Foster Road and the overall condition after five years of application (stabilization) and each year the road holds up better and better. Another Foster Road resident indicated that he was very pleased with improvement of road condition over the years of testing. A resident on Dykstra Road said she was impressed with the improvements on Foster Road over the test years. There seemed to be general satisfaction with the stabilized roads. It appears that the stabilizing of the gravel roads extends the performance of those roads, provides a longer lasting dust control and more customer satisfaction for slightly more cost than normal maintenance grading and rocking.

Some roads may benefit more from stabilization, while others may be more likely to be considered for paving and others may be best to leave as untreated gravel roads.

HIGHER VS. LOWER ANNUAL COST COMPARISON

STABILIZED ROADS	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6	6 YEAR AVE.
AIRPORT AVENUE	-	-	+	-	-	+	-
ERVIN ROAD	+	-	+	+	-	+	+
EVERGREEN ROAD	+	-	+	+	+	+	+
FOSTER ROAD	+	-	+	-	+	+	+
GELLATLY WAY	+	-	+	-	-	-	-
GREASY CREEK RD.	+	-	+	-	-	-	-
LARSON ROAD	+	-	+	-	+	-	+
ORCHARD TRACT RD.	+	-	+	-	-	-	-
PETERSON ROAD	-	-	+	-	-	+	-
SULPHUR SPRINGS RD.	-	+	+	+	-	+	+
WONDERLY LANE	-	-	+	-	+	+	+
WOODS CREEK ROAD	+	-	+	-	-	+	-

(Refer to Table 3 and Tables 3.1-3.7)

- (+) Indicates higher annual costs for Stabilized Roads vs. Comparable Gravel Roads
- (-) Indicates less annual costs for Stabilized Roads vs. Comparable Gravel Roads

TABLE 1
ROAD STABILIZATION PROGRAM
COMPARISON AND SELECTION OF GRAVEL ROADS TO STABILIZED ROADS

STABILIZED ROAD/ DESCRIPTION	UNSTABILIZED GRAVEL ROADS		
	CONTROL ROAD #1	CONTROL ROAD #2	CONTROL ROAD #3
Airport Avenue Dead-end w/logging & christmas tree production	Beaver Creek Similar geography & dead end w/logging & christmas tree production	Nichols Road Similar # of residents, ADT's and geography	Norton Creek Road Dead-end w/logging, christmas tree production, similar geography & ADT's
Ervin Road Through road	Cherry Creek Road Through road, similar geography & # of residents within 200 ft of road	Fudge Road Through road, similar geography & # of residents	Starr Creek Similar geography & ADT'S; similar # residents mostly at end, so all travel total length
Evergreen Road Dead end road w/ logging & christmas tree production	Bruce Road Through road w/ similar geography, and christmas tree production, compares in the test area	Dykstra Road Through road but short, similar geography and ADT's	Tampico Road Through road, similar geography & ADT's
Foster Road Through road	Robison Road Through road w/similar geography & ADT's	Starr Creek Dead-end road w/ similar geography & ADT's	Wiles Road Through road w/similar geography & ADT's
Gellatly Way Through road	Dykstra Road Through road w/similar geography & ADT's	Harris Road Through road, a section of this road compares geographically and w/ # of residents & ADT's	Neuman Road Shaded portions of this road compare to shaded portions of stabilized road w/ similar ADT's
Greasy Creek Road Dead end road w/logging	Dykstra Road Through road but similar geography and ADT's	Harris Road Through road w/logging, a portion of similar in type of traffic and geography	Neuman Road Dead end w/logging; similar geography, # of residents and ADT's; shaded areas similar
Larson Road Steep road requiring extra Maintenance. Now paved	Green Peak Road Similar grades, ADT's and geography	Lakeside Drive Similar ADT's, sunny areas and washboarding	SE Powells Rd Similar ADT's, sunny areas and washboarding
Orchard Tract Road Through road	Lakeside Drive Similar geography & ADT's	Robison Road Similar geography	Wiles Road Similar geography

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STABILIZED ROAD/ DESCRIPTION	UNSTABILIZED GRAVEL ROADS		
	CONTROL ROAD #1	CONTROL ROAD #2	CONTROL ROAD #3
Peterson Road	Beaver Creek	Nichols Road	Norton Creek Road
Through road	Dead end w/similar geography	Through road w/similar geography, ADT's & # of residences	Dead end w/similar geography
Sulphur Springs Road	Alexander Road	Neuman Road	Norton Creek Road
Dead-end road w/logging	Through road w/logging traffic; similar geography and ADT's and # residents	Dead end w/logging; similar geography, ADT's and # residents	Dead-end w/logging; similar type of traffic; geography and # residents /mile
Wonderly Lane	Green Peak Road	Lakeside Drive	Tampico Road
Dead-end road	Dead-end road w/similar washboarding	Through road w/ similar washboarding	Through road; similar geography and washboarding problems
Woods Creek Road	Alexander Road	Beaver Creek	Neuman Road
Dead-end road w/logging	Through road w/logging traffic; similar geography # residences per mile, and ADT's	Dead-end road w/logging similar types of traffic, and geography;	Dead end road; similar shaded areas, # residents /mile and logging.

TABLE 2
AVERAGE DAILY TRAFFIC - ADT UPDATE
BENTON COUNTY GRAVEL ROADS
JULY 1, 2006 TO NOVEMBER 30, 2006

NAME	NUMBER	DATE	MP	ADT	NAME	NUMBER	DATE	MP	ADT
ROBISON	04394	10/30/2006	0.59	66	STARR CREEK	35300	9/25/2006	1	138
ROBISON	04394	10/30/2006	0.92	69	STARR CREEK	35300	9/25/2006	2.14	121
ROBISON	04394	10/30/2006	2.09	29	STARR CREEK	35300	9/25/2006	3.6	90
TAMPICO	04650	10/30/2006	3.41	217	PETERSON	36023	9/18/2006	1.46	78
TAMPICO	04650	10/30/2006	4.5	226	PETERSON	36023	9/18/2006	1.69	91
TAMPICO	04650	10/30/2006	5.37	152	PETERSON	36023	9/18/2006	2.31	91
WILES	05651	10/30/2006	0	173	PETERSON	36023	9/18/2006	3.22	266
WILES	05651	10/30/2006	0.27	56	BEAVER CREEK	36230	9/25/2006	1.25	170
WILES	05651	10/30/2006	0.9	33	BEAVER CREEK	36230	9/25/2006	2.4	70
WILES	05651	10/30/2006	1.527	19	NEUMAN	36242	10/2/2006	0.01	80
SULPHUR SPRINGS	15037	10/30/2006	2.65	82	CHERRY CREEK	45060	10/23/2006	1.43	114
BLAKESLEY CREEK	16501	9/11/2006	0	282	CHERRY CREEK	45060	10/23/2006	2.14	95
BLAKESLEY CREEK	16501	9/11/2006	0.86	66	CHERRY CREEK	45060	10/23/2006	2.93	43
HARRIS	16520	9/11/2006	1.31	133	CHERRY CREEK	45060	10/23/2006	3.751	100
HARRIS	16520	9/11/2006	2.47	64	MC FARLAND	45500	10/23/2006	0.01	59
HARRIS	16520	9/11/2006	3.88	52	MC FARLAND	45500	10/23/2006	2.195	28
HARRIS	16520	9/11/2006	5.88	32	MC FARLAND	45500	10/23/2006	3.294	142
HARRIS	16520	9/11/2006	7.33	29	MC FARLAND	45500	10/23/2006	3.314	265
ALEXANDER	16530	9/11/2006	0	119	MC FARLAND	45500	10/23/2006	5.711	175
ALEXANDER	16530	9/11/2006	1.07	31	OCCIDENTAL	45501	10/16/2006	0	66
ALEXANDER	16530	9/11/2006	2.75	29	OCCIDENTAL	45501	10/16/2006	0.631	117
ALEXANDER	16530	9/11/2006	4.3	81	ORCHARD TRACT	45600	10/23/2006	0.23	151
NORTON CREEK	17570	9/11/2006	0	192	ORCHARD TRACT	45600	10/23/2006	0.58	79
NORTON CREEK	17570	9/11/2006	1	71	ORCHARD TRACT	45600	10/23/2006	1.17	183
NORTON CREEK	17570	9/11/2006	2.42	20	ORCHARD TRACT	45600	10/23/2006	1.51	235
AIRPORT	25280	9/18/2006	5.513	271	TURNER	45601	10/23/2006	0	139
AIRPORT	25280	9/18/2006	6.12	112	FOSTER	46030	10/16/2006	0	108
POWELLS	25301	9/25/2006	0	7	FOSTER	46030	10/16/2006	1.02	132
POWELLS	25301	9/25/2006	0.64	22	FOSTER	46030	10/16/2006	1.72	128
POWELLS	25301	9/25/2006	1.3	143	FOSTER	46030	10/16/2006	2.65	172
ERVIN	26241	9/18/2006	0.041	80	GREEN PEAK	46200	10/16/2006	0	107
ERVIN	26241	9/18/2006	0.978	92	GREEN PEAK	46200	10/16/2006	0.38	43
ERVIN	26241	9/18/2006	2.1	197	LARSON	46301	10/16/2006	0.2	132
ERVIN	26241	9/18/2006	2.58	219	LARSON	46301	10/16/2006	0.6	104
WONDERLY	26251	9/18/2006	0	173	LARSON	46301	10/16/2006	0.62	78
GREASY CREEK	26280	9/18/2006	0.28	83	MC CAIN	46302	10/16/2006	0	91
EVERGREEN	26290	9/18/2006	1.5	155	MC CAIN	46302	10/16/2006	0.453	60
EVERGREEN	26290	9/18/2006	2.4	42	DYKSTRA	46303	10/16/2006	0.01	68
EVERGREEN	26290	9/18/2006	2.84	32	DYKSTRA	46303	10/16/2006	0.98	66
EVERGREEN	26290	9/18/2006	3.4	6	LARKIN	46305	10/16/2006	0	95
GELLATLY	26407	9/18/2006	0.01	58	LARKIN	46305	10/16/2006	0.36	103
GELLATLY	26407	9/18/2006	0.8	133	FUDGE	48170	10/4/2006	0	107
WOODS CREEK	26440	9/11/2006	2	70	FUDGE	48170	10/4/2006	1.14	28
WOODS CREEK	26440	9/11/2006	3	35	FUDGE	48170	10/4/2006	1.765	54
WOODS CREEK	26440	9/11/2006	3.53	26	NICHOLS	56060	10/23/2006	0.09	290
WOODS CREEK	26440	9/11/2006	4.6	23	NICHOLS	56060	10/23/2006	0.46	148
LAKESIDE	35210	9/25/2006	0	189	NICHOLS	56060	10/23/2006	1.79	142
LAKESIDE	35210	9/25/2006	1.29	181	NICHOLS	56060	10/23/2006	2.412	97
LAKESIDE	35210	9/25/2006	2.32	113					
LAKESIDE	35210	9/25/2006	3.36	324					
BRUCE	35220	9/25/2006	0.01	55					
BRUCE	35220	9/25/2006	1.1	61					
BRUCE	35220	9/25/2006	2.49	73					
BRUCE	35220	9/25/2006	3.59	61					
BRUCE	35220	9/25/2006	4.683	118					

ADT: Average Daily Traffic
 (Based on 2-way traffic totals for a full 7 days)

TABLE 3
ROAD STABILIZATION PROGRAM
6-YEAR COST SUMMARIES
INDIVIDUAL COMPARABLE ROADS AND STABILIZED ROADS
JUNE 1, 2001 TO MAY 31, 2007

COMPARABLE ROADS	ROAD #	MILES	6-YEAR TOTAL COST	AVE. COST PER MILE PER YEAR
Alexander Road	16530	1.072	\$41,236	\$6,411
Beaver Creek	36230	1.565	\$28,447	\$3,029
Bruce Road	35220	0.881	\$29,446	\$5,571
Cherry Creek	45060A	0.756	\$20,528	\$4,526
Dykstra Road	46303	0.492	\$6,233	\$2,111
Fudge Road	48170	0.956	\$17,719	\$3,089
Green Peak	46200	1.584	\$5,724	\$602
Harris Road	16520	1.149	\$80,456	\$11,670
Lakeside Drive	35210	1.287	\$47,325	\$6,129
Neuman Road	36242	1.445	\$10,903	\$1,258
Nichols Road	56060	1.291	\$25,365	\$3,275
Norton Creek	17570	0.913	\$53,217	\$9,715
Robison Road	04394	1.595	\$21,323	\$2,228
SE Powells	25301	1.274	\$10,069	\$1,317
Starr Creek	35300	2.523	\$38,246	\$2,526
Tampico Road	04650	1.954	\$38,093	\$3,249
Wiles Road	05651	1.214	\$9,943	\$1,365
Totals		21.951	\$484,273	

21.951 MILES	AVERAGE YEARLY COST PER MILE	\$3,677
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STABILIZED ROADS	ROAD #	MILES	6-YEAR TOTAL COST	AVE. COST PER MILE PER YEAR
Airport Avenue	25280	1.52	\$32,944	\$3,612
Ervin Road	26241	2.55	\$67,027	\$4,381
Evergreen Road	26290	1.23	\$33,522	\$4,542
Foster Road	46030	2.46	\$55,522	\$3,762
Gellatly Way	26407	0.69	\$15,289	\$3,693
Greasy Creek Road	26280	0.45	\$8,401	\$3,111
Larson Road	46301	0.50	\$7,673	\$2,558
Orchard Tract Road	45600	1.31	\$20,214	\$2,572
Peterson Road	36023	1.75	\$46,519	\$4,430
Sulphur Springs Rd.	15037	0.61	\$19,297	\$5,272
Wonderly Lane	26251	0.41	\$10,404	\$4,229
Woods Creek Road	26440	1.49	\$20,578	\$2,302
Totals		14.97	\$337,390	

14.97 MILES	AVERAGE YEARLY COST PER MILE	\$3,756
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**TABLE 3.1
ROAD STABILIZATION PROGRAM
6-YEAR COST SUMMARY
JUNE 1, 2001 TO MAY 31, 2007**

STABILIZED ROADS ROAD #	MILES	6-YEAR TOTAL COST	AVE. COST PER MILE PER YEAR	COMPARABLE ROADS	ROAD #	MILES	6-YEAR TOTAL COST	AVE. COST PER MILE PER YEAR	AVE. COST PER ROAD GROUP PER MILE PER YEAR
AIRPORT AVENUE 25280-01-01	1.52	\$32,944	\$3,612	Beaver Creek	36230	1.565	\$28,447	\$3,029	\$4,733
				Nichols Road	56060	1.291	\$25,365	\$3,275	
				Norton Creek	17570	0.913	\$53,217	\$9,715	
						3.769	\$107,029		
ERVIN ROAD 26241-01-01	2.55	\$67,027	\$4,381	Cherry Creek	45060A	0.756	\$20,528	\$4,526	\$3,010
				Fudge Road	48170	0.956	\$17,719	\$3,089	
				Starr Creek	35300	2.523	\$38,246	\$2,526	
						4.235	\$76,493		
EVERGREEN ROAD 26290-01-01	1.23	\$33,522	\$4,542	Bruce Road	35220	0.881	\$29,446	\$5,571	\$3,696
				Dykstra Road	46303	0.492	\$6,233	\$2,111	
				Tampico Road	04650	1.954	\$38,093	\$3,249	
						3.327	\$73,772		
FOSTER ROAD 46030-01-01	2.46	\$55,522	\$3,762	Robison Road	04394	1.595	\$21,323	\$2,228	\$2,173
				Starr Creek	35300	2.523	\$38,246	\$2,526	
				Wiles Road	05651	1.214	\$9,943	\$1,365	
						5.332	\$69,512		
GELLATLY WAY 26407-01-01	0.69	\$15,289	\$3,693	Dykstra Road	46303	0.492	\$6,233	\$2,111	\$5,271
				Harris Road	16520	1.149	\$80,456	\$11,670	
				Neuman Road	36242	1.445	\$10,903	\$1,258	
						3.086	\$97,592		
SY CREEK ROAD 26280-01-01	0.45	\$8,401	\$3,111	Dykstra Road	46303	0.492	\$6,233	\$2,111	\$5,271
				Harris Road	16520	1.149	\$80,456	\$11,670	
				Neuman Road	36242	1.445	\$10,903	\$1,258	
						3.086	\$97,592		
LARSON ROAD 46301-01-01	0.50	\$7,673	\$2,558	Green Peak	46200	1.584	\$5,724	\$602	\$2,538
				Lakeside Drive	35210	1.287	\$47,325	\$6,129	
				SE Powells	25301	1.274	\$10,069	\$1,317	
						4.145	\$63,118		
ORCHARD TRACT RD. 45600-01-01	1.31	\$20,214	\$2,572	Lakeside Drive	35210	1.287	\$47,325	\$6,129	\$3,198
				Robison Road	04394	1.595	\$21,323	\$2,228	
				Wiles Road	05651	1.214	\$9,943	\$1,365	
						4.096	\$78,591		
PETERSON ROAD 36023-01-01	1.75	\$46,519	\$4,430	Beaver Creek	36320	1.565	\$28,447	\$3,029	\$4,733
				Nichols Road	56060	1.291	\$25,365	\$3,275	
				Norton Creek	17570	0.913	\$53,217	\$9,715	
						3.769	\$107,029		
SULPHUR SPRINGS RD. 15037-01-01	0.61	\$19,297	\$5,272	Alexander Road	16530	1.072	\$41,236	\$6,411	\$5,119
				Neuman Road	36242	1.445	\$10,903	\$1,258	
				Norton Creek	17570	0.913	\$53,217	\$9,715	
						3.43	\$105,356		
WONDERLY LANE 26251-01-01	0.41	\$10,404	\$4,229	Green Peak	46200	1.584	\$5,724	\$602	\$3,148
				Lakeside Drive	35210	1.287	\$47,325	\$6,129	
				Tampico Road	04650	1.954	\$38,093	\$3,249	
						4.825	\$91,142		
WOODS CREEK ROAD 26440-01-01	1.49	\$20,578	\$2,302	Alexander Road	16530	1.072	\$41,236	\$6,411	\$3,290
				Beaver Creek	36230	1.565	\$28,447	\$3,029	
				Neuman Road	36242	1.445	\$10,903	\$1,258	
						4.082	\$80,586		
12 Stab. Rd. Totals	14.97	\$337,390		17 Comp. Rd. Totals	21.951	\$484,273			
Average		\$3,756		Average		\$3,677			
STABILIZED ROADS	14.97 MILES			AVERAGE YEARLY COST PER MILE			\$3,756		
COMPARABLE ROADS	21.95 MILES			AVERAGE YEARLY COST PER MILE			\$3,677		

TABLE 3.2
ROAD STABILIZATION PROGRAM
ANNUAL COST SUMMARY
JUNE 1, 2001 TO MAY 31, 2002

STABILIZED ROADS ROAD #	MILES	ANNUAL COST	AVE. COST PER MILE	COMPARABLE ROADS	ROAD #	MILES	ANNUAL COST PER ROAD	AVE. COST PER ROAD	AVE. COST PER ROAD GROUP PER MILE
AIRPORT AVENUE 25280-01-01	1.52	\$5,473	\$3,601	Beaver Creek	36230	1.565	\$2,448	\$1,564	\$3,933
				Nichols Road	56060	1.291	\$2,285	\$1,770	
				Norton Creek	17570	0.913	\$10,089	\$11,050	
						3.769	\$14,822		
ERVIN ROAD 26241-01-01	2.55	\$7,958	\$3,121	Cherry Creek	45060A	0.756	\$450	\$595	\$2,165
				Fudge Road	48170	0.956	\$5,087	\$5,321	
				Starr Creek	35300	2.523	\$3,633	\$1,440	
						4.235	\$9,170		
EVERGREEN ROAD 26290-01-01	1.23	\$4,992	\$4,059	Bruce Road	35220	0.881	\$1,311	\$1,488	\$1,939
				Dykstra Road	46303	0.492	\$792	\$1,610	
				Tampico Road	04650	1.954	\$4,347	\$2,225	
						3.327	\$6,450		
FOSTER ROAD 46030-01-01	2.46	\$7,012	\$2,850	Robison Road	04394	1.595	\$662	\$415	\$914
				Starr Creek	35300	2.523	\$3,633	\$1,440	
				Wiles Road	05651	1.214	\$576	\$474	
						5.332	\$4,871		
GELLATLY WAY 26407-01-01	0.69	\$2,189	\$3,172	Dykstra Road	46303	0.492	\$792	\$1,610	\$2,214
				Harris Road	16520	1.149	\$5,520	\$4,804	
				Neuman Road	36242	1.445	\$521	\$361	
						3.086	\$6,833		
CREEK ROAD 26280-01-01	0.45	\$1,179	\$2,620	Dykstra Road	46303	0.492	\$792	\$1,610	\$2,214
				Harris Road	16520	1.149	\$5,520	\$4,804	
				Neuman Road	36242	1.445	\$521	\$361	
						3.086	\$6,833		
LARSON ROAD 46301-01-01	0.50	\$1,384	\$2,768	Green Peak	46200	1.584	\$396	\$250	\$2,083
				Lakeside Drive	35210	1.287	\$7,808	\$6,067	
				SE Powells	25301	1.274	\$432	\$339	
						4.145	\$8,636		
ORCHARD TRACT RD. 45600-01-01	1.31	\$4,431	\$3,382	Lakeside Drive	35210	1.287	\$7,808	\$6,067	\$2,208
				Robison Road	04394	1.595	\$662	\$415	
				Wiles Road	05651	1.214	\$576	\$474	
						4.096	\$9,046		
PETERSON ROAD 36023-01-01	1.75	\$5,636	\$3,221	Beaver Creek	36320	1.565	\$2,448	\$1,564	\$3,933
				Nichols Road	56060	1.291	\$2,285	\$1,770	
				Norton Creek	17570	0.913	\$10,089	\$11,050	
						3.769	\$14,822		
SULPHUR SPRINGS RD. 15037-01-01	0.61	\$2,244	\$3,679	Alexander Road	16530	1.072	\$6,092	\$5,683	\$4,869
				Neuman Road	36242	1.445	\$521	\$361	
				Norton Creek	17570	0.913	\$10,089	\$11,050	
						3.43	\$16,702		
WONDERLY LANE 26251-01-01	0.41	\$1,063	\$2,593	Green Peak	46200	1.584	\$396	\$250	\$2,601
				Lakeside Drive	35210	1.287	\$7,808	\$6,067	
				Tampico Road	04650	1.954	\$4,347	\$2,225	
						4.825	\$12,551		
WOODS CREEK ROAD 26440-01-01	1.49	\$3,610	\$2,423	Alexander Road	16530	1.072	\$6,092	\$5,683	\$2,220
				Beaver Creek	36230	1.565	\$2,448	\$1,564	
				Neuman Road	36242	1.445	\$521	\$361	
						4.082	\$9,061		
Stab. Rd. Totals	14.97	\$47,171		17 Comp. Rd. Totals	21.951	\$53,449			
Average		\$3,151		Average		\$2,389			
STABILIZED ROADS	14.97	MILES		AVERAGE COST PER MILE					\$3,151
COMPARABLE ROADS	21.95	MILES		AVERAGE COST PER MILE					\$2,389

TABLE 3.3
ROAD STABILIZATION PROGRAM
ANNUAL COST SUMMARY
JUNE 1, 2002 TO MAY 31, 2003

STABILIZED ROADS				COMPARABLE ROADS				AVERAGE YEARLY COST PER MILE	
ROAD #	MILES	ANNUAL COST	AVE. COST PER MILE	ROAD #	MILES	ANNUAL COST PER ROAD	AVE. COST PER ROAD	ROAD GROUP	PER MILE
AIRPORT AVENUE 25280-01-01	1.52	\$2,624	\$1,726	Beaver Creek	36230	1.565	\$2,668	\$1,705	\$3,855
				Nichols Road	56060	1.291	\$3,842	\$2,976	
				Norton Creek	17570	0.913	\$8,019	\$8,783	
						3.769	\$14,529		
ERVIN ROAD 26241-01-01	2.55	\$5,171	\$2,028	Cherry Creek	45060A	0.756	\$1,701	\$2,250	\$2,064
				Fudge Road	48170	0.956	\$1,376	\$1,439	
				Starr Creek	35300	2.523	\$5,666	\$2,246	
						4.235	\$8,743		
EVERGREEN ROAD 26290-01-01	1.23	\$1,255	\$1,020	Bruce Road	35220	0.881	\$4,619	\$5,243	\$4,398
				Dykstra Road	46303	0.492	\$709	\$1,441	
				Tampico Road	04650	1.954	\$9,304	\$4,762	
						3.327	\$14,632		
FOSTER ROAD 46030-01-01	2.46	\$3,209	\$1,304	Robison Road	04394	1.595	\$4,709	\$2,952	\$2,210
				Starr Creek	35300	2.523	\$5,666	\$2,246	
				Wiles Road	05651	1.214	\$1,411	\$1,162	
						5.332	\$11,786		
GELLATLY WAY 26407-01-01	0.69	\$838	\$1,214	Dykstra Road	46303	0.492	\$709	\$1,441	\$3,840
				Harris Road	16520	1.149	\$10,594	\$9,220	
				Neuman Road	36242	1.445	\$548	\$379	
						3.086	\$11,851		
GREASY CREEK RD. 26280-01-01	0.45	\$1,254	\$2,787	Dykstra Road	46303	0.492	\$709	\$1,441	\$3,840
				Harris Road	16520	1.149	\$10,594	\$9,220	
				Neuman Road	36242	1.445	\$548	\$379	
						3.086	\$11,851		
LARSON ROAD 46301-01-01	0.50	\$26	\$52	Green Peak	46200	1.584	\$322	\$203	\$2,190
				Lakeside Drive	35210	1.287	\$8,352	\$6,490	
				SE Powells	25301	1.274	\$403	\$316	
						4.145	\$9,077		
ORCHARD TRACT RD. 45600-01-01	1.31	\$468	\$357	Lakeside Drive	35210	1.287	\$8,352	\$6,490	\$3,533
				Robison Road	04394	1.595	\$4,709	\$2,952	
				Wiles Road	05651	1.214	\$1,411	\$1,162	
						4.096	\$14,472		
PETERSON ROAD 36023-01-01	1.75	\$4,348	\$2,485	Beaver Creek	36320	1.565	\$2,668	\$1,705	\$3,855
				Nichols Road	56060	1.291	\$3,842	\$2,976	
				Norton Creek	17570	0.913	\$8,019	\$8,783	
						3.769	\$14,529		
SULPHUR SPRINGS RD. 15037-01-01	0.61	\$3,448	\$5,652	Alexander Road	16530	1.072	\$4,499	\$4,197	\$3,809
				Neuman Road	36242	1.445	\$548	\$379	
				Norton Creek	17570	0.913	\$8,019	\$8,783	
						3.43	\$13,066		
WONDERLY LANE 26251-01-01	0.41	\$676	\$1,649	Green Peak	46200	1.584	\$322	\$203	\$3,726
				Lakeside Drive	35210	1.287	\$8,352	\$6,490	
				Tampico Road	04650	1.954	\$9,304	\$4,762	
						4.825	\$17,978		
WOODS CREEK ROAD 26440-01-01	1.49	\$69	\$46	Alexander Road	16530	1.072	\$4,499	\$4,197	\$1,890
				Beaver Creek	36230	1.565	\$2,668	\$1,705	
				Neuman Road	36242	1.445	\$548	\$379	
						4.082	\$7,715		
2 Stab. Rd. Totals	14.97	\$23,386		17 Comp. Rd. Totals	21.951	\$68,742			
Average		\$1,562		Average		\$3,132			
STABILIZED ROADS	14.97	MILES		AVERAGE YEARLY COST PER MILE		\$1,562			
COMPARABLE ROADS	21.95	MILES		AVERAGE YEARLY COST PER MILE		\$3,132			

TABLE 3.4
ROAD STABILIZATION PROGRAM
ANNUAL COST SUMMARY
JUNE 1, 2003 TO MAY 31, 2004

STABILIZED ROADS				COMPARABLE ROADS				AVERAGE YEARLY COST PER MILE	
ROAD #	MILES	ANNUAL COST	AVE. COST PER MILE	ROAD #	MILES	ANNUAL COST PER ROAD	AVE. COST PER ROAD	ROAD GROUP	AVE. COST PER MILE
AIRPORT AVENUE 25280-01-01	1.52	\$5,608	\$3,689	Beaver Creek	36230	1.565	\$5,406	\$3,454	\$3,369
				Nichols Road	56060	1.291	\$2,613	\$2,024	
				Norton Creek	17570	0.913	\$5,809	\$6,363	
						3.769	\$13,828		
ERVIN ROAD 26241-01-01	2.55	\$14,229	\$5,580	Cherry Creek	45060A	0.756	\$3,584	\$4,741	\$3,482
				Fudge Road	48170	0.956	\$5,247	\$5,488	
				Starr Creek	35300	2.523	\$5,914	\$2,344	
						4.235	\$14,745		
EVERGREEN ROAD 26290-01-01	1.23	\$5,687	\$4,624	Bruce Road	35220	0.881	\$6,846	\$7,771	\$4,219
				Dykstra Road	46303	0.492	\$1,057	\$2,148	
				Tampico Road	04650	1.954	\$6,134	\$3,139	
						3.327	\$14,037		
FOSTER ROAD 46030-01-01	2.46	\$9,224	\$3,750	Robison Road	04394	1.595	\$659	\$413	\$1,313
				Starr Creek	35300	2.523	\$5,914	\$2,344	
				Wiles Road	05651	1.214	\$428	\$353	
						5.332	\$7,001		
GELLATLY WAY 26407-01-01	0.69	\$2,796	\$4,052	Dykstra Road	46303	0.492	\$1,057	\$2,148	\$2,924
				Harris Road	16520	1.149	\$7,210	\$6,275	
				Neuman Road	36242	1.445	\$757	\$524	
						3.086	\$9,024		
GREASY CREEK RD. 26280-01-01	0.45	\$1,476	\$3,280	Dykstra Road	46303	0.492	\$1,057	\$2,148	\$2,924
				Harris Road	16520	1.149	\$7,210	\$6,275	
				Neuman Road	36242	1.445	\$757	\$524	
						3.086	\$9,024		
LARSON ROAD 46301-01-01	0.50	\$2,972	\$5,944	Green Peak	46200	1.584	\$1,343	\$848	\$1,717
				Lakeside Drive	35210	1.287	\$5,330	\$4,141	
				SE Powells	25301	1.274	\$907	\$712	
						4.145	\$7,580		
ORCHARD TRACT RD. 45600-01-01	1.31	\$4,907	\$3,746	Lakeside Drive	35210	1.287	\$5,330	\$4,141	\$1,567
				Robison Road	04394	1.595	\$659	\$413	
				Wiles Road	05651	1.214	\$428	\$353	
						4.096	\$6,417		
PETERSON ROAD 36023-01-01	1.75	\$10,902	\$6,230	Beaver Creek	36320	1.565	\$5,406	\$3,454	\$3,669
				Nichols Road	56060	1.291	\$2,613	\$2,024	
				Norton Creek	17570	0.913	\$5,809	\$6,363	
						3.769	\$13,828		
SULPHUR SPRINGS RD. 15037-01-01	0.61	\$2,707	\$4,438	Alexander Road	16530	1.072	\$4,992	\$4,657	\$3,370
				Neuman Road	36242	1.445	\$757	\$524	
				Norton Creek	17570	0.913	\$5,809	\$6,363	
						3.43	\$11,558		
WONDERLY LANE 26251-01-01	0.41	\$1,634	\$3,985	Green Peak	46200	1.584	\$1,343	\$848	\$2,654
				Lakeside Drive	35210	1.287	\$5,330	\$4,141	
				Tampico Road	04650	1.954	\$6,134	\$3,139	
						4.825	\$12,807		
WOODS CREEK ROAD 26440-01-01	1.49	\$4,263	\$2,861	Alexander Road	16530	1.072	\$4,992	\$4,657	\$2,733
				Beaver Creek	36230	1.565	\$5,406	\$3,454	
				Neuman Road	36242	1.445	\$757	\$524	
						4.082	\$11,155		
Stab. Ed. Totals	14.97	\$66,405		17 Comp. Rd. Totals	21.951	\$64,236			
Average		\$4,436		Average		\$2,926			
STABILIZED ROADS	14.97	MILES		AVERAGE YEARLY COST PER MILE				\$4,436	
COMPARABLE ROADS	21.95	MILES		AVERAGE YEARLY COST PER MILE				\$2,926	

**TABLE 3.5
ROAD STABILIZATION PROGRAM
ANNUAL COST SUMMARY
JUNE 1, 2004 TO MAY 31, 2005**

STABILIZED ROADS				COMPARABLE ROADS					
ROAD #	MILES	ANNUAL COST	AVERAGE COST PER MILE	ROAD #	MILES	ANNUAL COST PER ROAD	AVERAGE COST PER MILE PER ROAD	AVERAGE COST PER ROAD GROUP PER MILE	
AIRPORT AVENUE 25280-01-01	1.52	\$6,432	\$4,232	Beaver Creek	36230	1.565	\$7,544	\$4,820	
				Nichols Road	56060	1.291	\$5,600	\$4,338	
				Norton Creek	17570	0.913	\$7,224	\$7,912	
						3.769	\$20,368		
ERVIN ROAD 26241-01-01	2.55	\$22,709	\$8,905	Cherry Creek	45060A	0.756	\$4,888	\$6,466	
				Fudge Road	48170	0.956	\$1,320	\$1,381	
				Starr Creek	35300	2.523	\$10,309	\$4,086	
						4.235	\$16,517		
EVERGREEN ROAD 26290-01-01	1.23	\$6,135	\$4,988	Bruce Road	35220	0.881	\$4,872	\$5,530	
				Dykstra Road	46303	0.492	\$1,025	\$2,083	
				Tampico Road	04650	1.954	\$8,529	\$4,365	
						3.327	\$14,426		
FOSTER ROAD 46030-01-01	2.46	\$8,116	\$3,299	Robison Road	04394	1.595	\$2,753	\$1,726	
				Starr Creek	35300	2.523	\$10,309	\$4,086	
				Wiles Road	05651	1.214	\$4,625	\$3,810	
						5.332	\$17,687		
GELLATLY WAY 26407-01-01	0.69	\$2,787	\$4,039	Dykstra Road	46303	0.492	\$1,025	\$2,083	
				Harris Road	16520	1.149	\$23,778	\$20,695	
				Neuman Road	36242	1.445	\$2,674	\$1,851	
						3.086	\$27,477		
GREASY CREEK ROAD 26280-01-01	0.45	\$1,115	\$2,478	Dykstra Road	46303	0.492	\$1,025	\$2,083	
				Harris Road	16520	1.149	\$23,778	\$20,695	
				Neuman Road	36242	1.445	\$2,674	\$1,851	
						3.086	\$27,477		
LARSON ROAD 46301-01-01	0.50	\$1,754	\$3,508	Green Peak	46200	1.584	\$755	\$477	
				Lakeside Drive	35210	1.287	\$17,341	\$13,474	
				SE Powells	25301	1.274	\$5,340	\$4,192	
						4.145	\$23,436		
ORCHARD TRACT RD. 45600-01-01	1.31	\$3,969	\$3,030	Lakeside Drive	35210	1.287	\$17,341	\$13,474	
				Robison Road	04394	1.595	\$2,753	\$1,726	
				Wiles Road	05651	1.214	\$4,625	\$3,810	
						4.096	\$24,719		
PETERSON ROAD 36023-01-01	1.75	\$8,025	\$4,586	Beaver Creek	36320	1.565	\$7,544	\$4,820	
				Nichols Road	56060	1.291	\$5,600	\$4,338	
				Norton Creek	17570	0.913	\$7,224	\$7,912	
						3.769	\$20,368		
SULPHUR SPRINGS RD. 15037-01-01	0.61	\$5,412	\$8,872	Alexander Road	16530	1.072	\$15,922	\$14,853	
				Neuman Road	36242	1.445	\$2,674	\$1,851	
				Norton Creek	17570	0.913	\$7,224	\$7,912	
						3.43	\$25,820		
WONDERLY LANE 26251-01-01	0.41	\$1,395	\$3,402	Green Peak	46200	1.584	\$755	\$477	
				Lakeside Drive	35210	1.287	\$17,341	\$13,474	
				Tampico Road	04650	1.954	\$8,529	\$4,365	
						4.825	\$26,625		
WOODS CREEK ROAD 26440-01-01	1.49	\$4,059	\$2,724	Alexander Road	16530	1.072	\$15,922	\$14,853	
				Beaver Creek	36230	1.565	\$7,544	\$4,820	
				Neuman Road	36242	1.445	\$2,674	\$1,851	
						4.082	\$26,140		
2 Stab. Rd. Totals	14.97	\$71,908		17 Comp. Rd. Totals	21.951	\$124,499			
Average		\$4,803		Average		\$5,672			
STABILIZED ROADS	14.97	MILES		AVERAGE YEARLY COST PER MILE				\$4,803	
COMPARABLE ROADS	21.95	MILES		AVERAGE YEARLY COST PER MILE				\$5,672	

TABLE 3.6
ROAD STABILIZATION PROGRAM
ANNUAL COST SUMMARY
JUNE 1, 2005 TO MAY 31, 2006

STABILIZED ROADS				COMPARABLE ROADS					AVE. COST PER ROAD GROUP PER MILE	
ROAD #	MILES	ANNUAL COST	AVE. COST PER MILE	ROAD #	MILES	ANNUAL COST	AVE. COST PER MILE	ROAD GROUP PER MILE		
AIRPORT AVENUE 25280-01-01	1.52	\$5,473	\$3,601	Beaver Creek	36230	1.565	\$6,562	\$4,193	\$8,272	
				Nichols Road	56060	1.291	\$10,239	\$7,931		
				Norton Creek	17570	0.913	\$14,375	\$15,745		
						3.769	\$31,176			
ERVIN ROAD 26241-01-01	2.55	\$5,533	\$2,170	Cherry Creek	45060A	0.756	\$6,898	\$9,124	\$3,013	
				Fudge Road	48170	0.956	\$2,001	\$2,093		
				Starr Creek	35300	2.523	\$3,863	\$1,531		
						4.235	\$12,762			
EVERGREEN ROAD 26290-01-01	1.23	\$8,198	\$6,665	Bruce Road	35220	0.881	\$4,939	\$5,606	\$3,418	
				Dykstra Road	46303	0.492	\$2,284	\$4,642		
				Tampico Road	04650	1.954	\$4,150	\$2,124		
						3.327	\$11,373			
FOSTER ROAD 46030-01-01	2.46	\$14,462	\$5,879	Robison Road	04394	1.595	\$6,528	\$4,093	\$2,280	
				Starr Creek	35300	2.523	\$3,863	\$1,531		
				Wiles Road	05651	1.214	\$1,765	\$1,454		
						5.332	\$12,156			
GELLATLY WAY 26407-01-01	0.69	\$4,935	\$7,152	Dykstra Road	46303	0.492	\$2,284	\$4,642	\$8,296	
				Harris Road	16520	1.149	\$18,164	\$15,809		
				Neuman Road	36242	1.445	\$5,154	\$3,567		
						3.086	\$25,602			
GREASY CREEK ROAD 26280-01-01	0.45	\$1,182	\$2,627	Dykstra Road	46303	0.492	\$2,284	\$4,642	\$8,296	
				Harris Road	16520	1.149	\$18,164	\$15,809		
				Neuman Road	36242	1.445	\$5,154	\$3,567		
						3.086	\$25,602			
LARSON ROAD 46301-01-01	0.50	\$1,537	\$3,074	Green Peak	46200	1.584	\$1,761	\$1,112	\$1,678	
				Lakeside Drive	35210	1.287	\$2,914	\$2,264		
				SE Powells	25301	1.274	\$2,282	\$1,791		
						4.145	\$6,957			
ORCHARD TRACT RD. 45600-01-01	1.31	\$2,449	\$1,869	Lakeside Drive	35210	1.287	\$2,914	\$2,264	\$2,736	
				Robison Road	04394	1.595	\$6,528	\$4,093		
				Wiles Road	05651	1.214	\$1,765	\$1,454		
						4.096	\$11,207			
PETERSON ROAD 36023-01-01	1.75	\$7,490	\$4,280	Beaver Creek	36320	1.565	\$6,562	\$4,193	\$8,272	
				Nichols Road	56060	1.291	\$10,239	\$7,931		
				Norton Creek	17570	0.913	\$14,375	\$15,745		
						3.769	\$31,176			
SULPHUR SPRINGS RO. 15037-01-01	0.61	\$1,758	\$2,882	Alexander Road	16530	1.072	\$4,550	\$4,244	\$7,020	
				Neuman Road	36242	1.445	\$5,154	\$3,567		
				Norton Creek	17570	0.913	\$14,375	\$15,745		
						3.43	\$24,079			
WONDERLY LANE 26251-01-01	0.41	\$1,867	\$4,554	Green Peak	46200	1.584	\$1,761	\$1,112	\$1,829	
				Lakeside Drive	35210	1.287	\$2,914	\$2,264		
				Tampico Road	04650	1.954	\$4,150	\$2,124		
						4.825	\$8,825			
WOODS CREEK ROAD 26440-01-01	1.49	\$4,331	\$2,907	Alexander Road	16530	1.072	\$4,550	\$4,244	\$3,985	
				Beaver Creek	36230	1.565	\$6,562	\$4,193		
				Neuman Road	36242	1.445	\$5,154	\$3,567		
						4.082	\$16,266			
12 Stab. Rd. Tota		14.97	\$59,215	17 Comp. Rd. Totals		21.951	\$98,429			
Average			\$3,956	Average			\$4,484			
STABILIZED ROADS		14.97 MILES	AVERAGE YEARLY COST PER MILE				\$3,956			
COMPARABLE ROADS		21.95 MILES	AVERAGE YEARLY COST PER MILE				\$4,484			

TABLE 3.7
ROAD STABILIZATION PROGRAM
ANNUAL COST SUMMARY
JUNE 1, 2006 TO MAY 31, 2007

STABILIZED ROADS ROAD #	MILES	ANNUAL COST	AVE. COST PER MILE	COMPARABLE			ANNUAL COST PER ROAD	AVE. COST PER MILE PER ROAD	AVE. COST PER ROAD GROUP PER MILE
				ROADS	ROAD #	MILES			
AIRPORT AVENUE 25280-01-01	1.52	\$7,334	\$4,825	Beaver Creek	36230	1.565	\$3,819	\$2,440	\$3,265
				Nichols Road	56060	1.291	\$786	\$609	
				Norton Creek	17570	0.913	\$7,701	\$8,435	
						3.769	\$12,306		
ERVIN ROAD 26241-01-01	2.55	\$11,427	\$4,481	Cherry Creek	45060A	0.756	\$3,007	\$3,978	\$3,437
				Fudge Road	48170	0.956	\$2,688	\$2,812	
				Starr Creek	35300	2.523	\$8,862	\$3,512	
						4.235	\$14,557		
EVERGREEN ROAD 26290-01-01	1.23	\$7,255	\$5,898	Bruce Road	35220	0.881	\$6,859	\$7,785	\$3,864
				Dykstra Road	46303	0.492	\$366	\$744	
				Tampico Road	04650	1.954	\$5,630	\$2,881	
						3.327	\$12,855		
FOSTER ROAD 46030-01-01	2.46	\$13,499	\$5,487	Robison Road	04394	1.595	\$6,011	\$3,769	\$3,003
				Starr Creek	35300	2.523	\$8,862	\$3,512	
				Wiles Road	05651	1.214	\$1,138	\$937	
						5.332	\$16,011		
GELLATLY WAY 26407-01-01	0.69	\$1,744	\$2,528	Dykstra Road	46303	0.492	\$366	\$744	\$5,446
				Harris Road	16520	1.149	\$15,191	\$13,221	
				Neuman Road	36242	1.445	\$1,249	\$864	
						3.086	\$16,806		
GREASY CREEK RD. 26280-01-01	0.45	\$2,195	\$4,878	Dykstra Road	46303	0.492	\$366	\$744	\$5,446
				Harris Road	16520	1.149	\$15,191	\$13,221	
				Neuman Road	36242	1.445	\$1,249	\$864	
						3.086	\$16,806		
LARSON ROAD 46301-01-01	0.50	\$0	\$0	Green Peak	46200	1.584	\$1,147	\$724	\$1,793
				Lakeside Drive	35210	1.287	\$5,580	\$4,336	
				SE Powells	25301	1.274	\$705	\$553	
						4.145	\$7,432		
ORCHARD TRACT RD. 45600-01-01	1.31	\$3,990	\$3,046	Lakeside Drive	35210	1.287	\$5,580	\$4,336	\$3,108
				Robison Road	04394	1.595	\$6,011	\$3,769	
				Wiles Road	05651	1.214	\$1,138	\$937	
						4.096	\$12,729		
PETERSON ROAD 36023-01-01	1.75	\$10,118	\$5,782	Beaver Creek	36320	1.565	\$3,819	\$2,440	\$3,265
				Nichols Road	56060	1.291	\$786	\$609	
				Norton Creek	17570	0.913	\$7,701	\$8,435	
						3.769	\$12,306		
SULPHUR SPRINGS RD. 15037-01-01	0.61	\$3,728	\$6,111	Alexander Road	16530	1.072	\$5,180	\$4,832	\$4,120
				Neuman Road	36242	1.445	\$1,249	\$864	
				Norton Creek	17570	0.913	\$7,701	\$8,435	
						3.43	\$14,130		
WONDERLY LANE 26251-01-01	0.41	\$3,769	\$9,193	Green Peak	46200	1.584	\$1,147	\$724	\$2,561
				Lakeside Drive	35210	1.287	\$5,580	\$4,336	
				Tampico Road	04650	1.954	\$5,630	\$2,881	
						4.825	\$12,357		
WOODS CREEK ROAD 26440-01-01	1.49	\$4,246	\$2,850	Alexander Road	16530	1.072	\$5,180	\$4,832	\$2,511
				Beaver Creek	36230	1.565	\$3,819	\$2,440	
				Neuman Road	36242	1.445	\$1,249	\$864	
						4.082	\$10,248		
2 Stab. Rd. Totals	14.97	\$69,305		17 Comp. Rd. Totals	21.951	\$75,919			
Average		\$4,630		Average		\$3,459			
STABILIZED ROADS	14.97 MILES			AVERAGE YEARLY COST PER MILE				\$4,630	
COMPARABLE ROADS	21.95 MILES			AVERAGE YEARLY COST PER MILE				\$3,459	