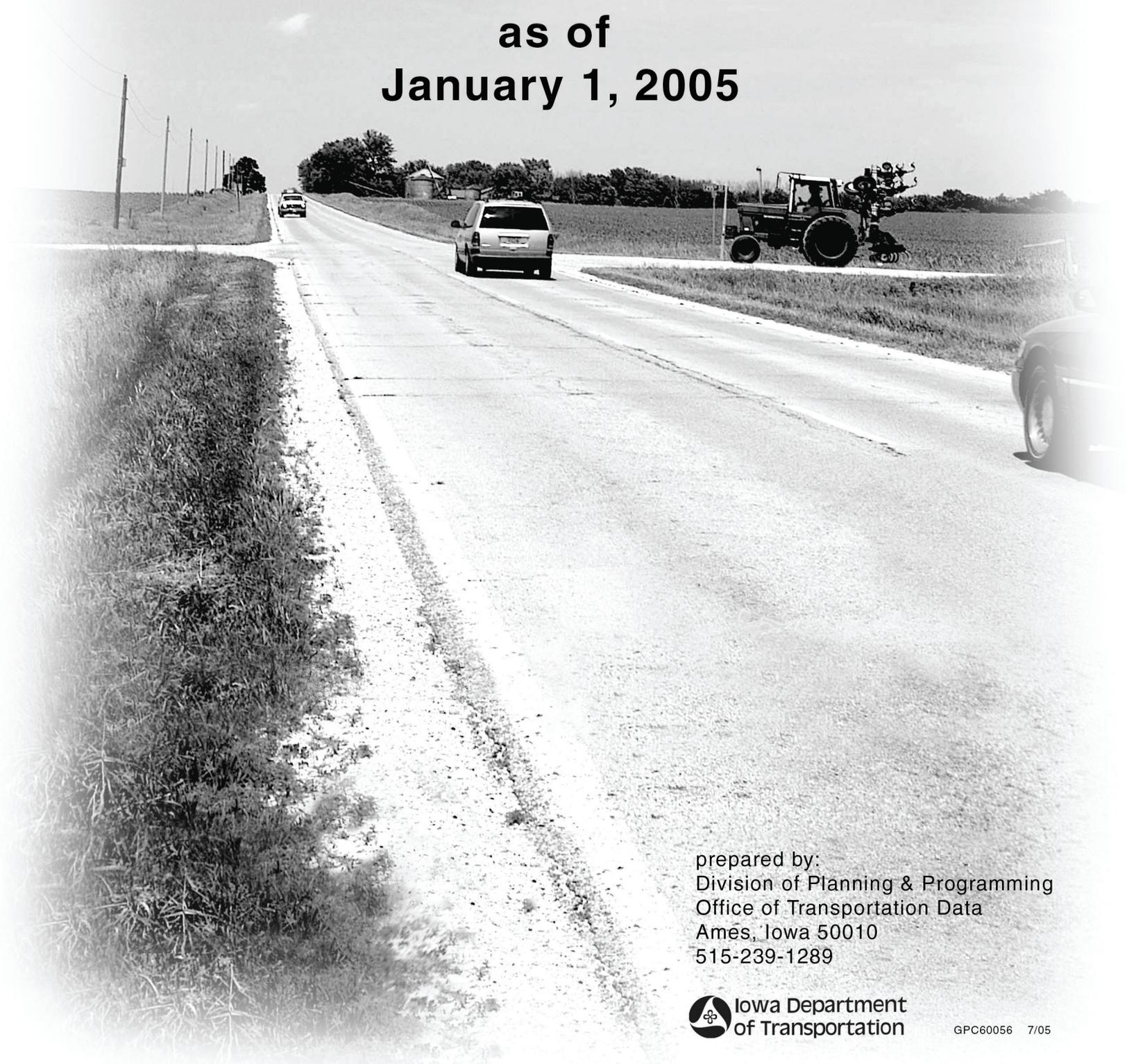


Iowa Miles of Rural Secondary Roads as of January 1, 2005



prepared by:
Division of Planning & Programming
Office of Transportation Data
Ames, Iowa 50010
515-239-1289

IOWA
MILES OF RURAL SECONDARY
ROADS
AS OF
JANUARY 1, 2005

TABLE OF CONTENTS

INTRODUCTION	1
CHANGES FOR THE 2004 REPORT.....	1
FIVE YEAR SUMMARY OF THE SECONDARY ROAD SYSTEM IN IOWA.....	2
STATISTICAL SUMMARY	3
STATE MILES SUMMARY	4
COUNTY MILES SUMMARIES	5 to 103

INTRODUCTION

The Iowa Department of Transportation Office of Transportation Data, in cooperation with the Federal Highway Administration, is responsible for preparing this secondary road report. The report provides federal, state, local agencies and the general public with statistical information on the secondary road system.

Information for this report is derived from data reported by each of the 99 Iowa County Engineers. Their reports of construction which may change the road surface, length, and functional classification are current as of January 1, 2005.

The report contains three major sections: State Totals in Miles by Type of Surface, Statistical Summary, and County Statistical Summaries.

A PDF version of this report is also available at www.iowadotmaps.com/secmiles

CHANGES FOR THE 2004 REPORT

There have been several changes to the format for this year's data. This report has been reorganized so that the state and county data is now presented on individual pages summarizing the statistical data for the state and for each county. Each page has three sections: the summary of all rural miles for the county, the summary of Farm-to-Market miles for the county and the summary of Area Service miles for the county.

Additional data has also been included in the report. The Unknown Surface Type Miles section separates miles for which surface material information is currently unavailable. These miles were included with Earth Surface miles in previous reports.

Changes have also been made to the surface type statistics. The former categories Unimproved Earth, Graded and Drained, and Soil Surfaced, are now condensed into one category, Earth Surface. Also, the category formerly known as Paved has been split into Asphalt, PCC and Combination.

Effective July 1, 2004, the jurisdiction of Farm-to-Market extensions in cities with a population under 500 transferred from the city to the county. Therefore, those Farm-to-Market extensions are now considered secondary roads and are included in the mileage summaries for secondary and Farm-to-Market roads in this report. For your convenience, we have also listed separately the mileage of those extensions in the summaries. By Code of Iowa, those roads will remain county jurisdiction until the city's population exceeds 750.

RURAL SECONDARY ROAD SYSTEM	LEGAL NOT OPEN TO TRAFFIC	EARTH	TOTAL EARTH (with LNO)	GRAVEL	BITUMINOUS	PAVED	TOTAL SURFACED	TOTAL RURAL ROADS FOR SYSTEM	TOTAL OPEN ROADS
JANUARY 1, 2005									
Total Farm-to-Market	2.339	60.751	63.090	13,662.336	921.240	15,866.425	30,450.001	30,513.091	30,510.752
Total Non Farm to Market	520.201	4,642.016	5,162.217	53,143.952	548.777	1,366.634	55,059.363	60,221.581	59,701.380
Total For State	522.540	4,702.767	5,225.307	66,806.288	1,470.017	17,233.059	85,509.364	90,734.672	90,212.132
JANUARY 1, 2004									
Total Farm-to-Market	11.262	76.821	88.083	13,784.974	909.373	14,909.094	29,603.441	29,691.524	29,680.262
Total Non Farm-to-Market	530.708	4,649.826	5,180.534	53,098.208	532.090	1,884.610	55,514.908	60,695.442	60,164.734
Total For State	541.970	4,726.647	5,268.617	66,883.182	1,441.463	16,793.704	85,118.349	90,386.966	89,844.996
JANUARY 1, 2003									
Total Farm-to-Market	11.136	65.950	77.086	13,859.298	929.551	14,779.088	29,567.937	29,645.023	29,633.887
Total Non Farm-to-Market	531.865	4,680.327	5,212.192	53,080.660	504.116	1,196.169	54,780.945	59,993.137	59,461.272
Total For State	543.001	4,746.277	5,289.278	66,939.958	1,433.667	15,975.257	84,348.882	89,638.160	89,095.159
JANUARY 1, 2002									
Total Farm-to-Market	13.054	71.922	84.976	13,936.323	873.829	14,760.034	29,570.186	29,655.162	29,642.108
Total Non Farm-to-Market	526.118	4,685.758	5,211.876	53,155.726	484.145	1,169.041	54,808.912	60,020.788	59,494.670
Total For State	539.172	4,757.680	5,296.852	67,092.049	1,357.974	15,929.075	84,379.098	89,675.950	89,136.778
JANUARY 1, 2001									
Total Farm-to-Market	14.587	73.682	88.269	13,976.550	881.970	14,716.433	29,574.953	29,663.222	29,648.635
Total Non Farm-to-Market	523.845	4,708.462	5,232.307	53,192.196	473.890	1,136.541	54,802.627	60,034.934	59,511.089
Total For State	538.432	4,782.144	5,320.576	67,168.746	1,355.860	15,852.974	84,377.580	89,698.156	89,159.724

STATISTICAL SUMMARY

On January 1, 2005, the condition of the Secondary Road System was as follows:

	Farm to Market System	Area Service Secondary System
Miles of Earth Surfaced Roads	60.751	4,642.016
Miles of Gravel Surfaced Roads	13,662.336	53,143.952
Miles of Bituminous Surfaced Roads	921.240	548.777
Miles of Asphalt Surfaced Roads	10,680.258	966.694
Miles of PCC Surfaced Roads	5,179.950	399.416
Miles of Combination Roads	6.217	0.524
Total Miles of Open Road	30,510.752	59,701.380
Legal Not Open Roads	2.339	520.201
Total Miles in System	30,513.091	60,221.581

Comparison of grading and surfacing of Farm-to-Market and Area Service Secondary Roads accomplished in the past five years is as follows:

Year	Miles Graded	Miles Loose Surfaced
January 1, 2005	21.890	45.151
January 1, 2004	20.237	26.874
January 1, 2003	34.186	45.801
January 1, 2002	48.983	52.365
January 1, 2001	45.813	59.368

STATE RURAL MILES SUMMARY

Secondary Miles	90,734.672	Rural Roads All Systems	98,625.177
Secondary Open Miles:	90,212.132	Rural Primary Miles	7,890.505
Secondary Legal Not Open (LNO) Miles	522.540	Rural Open Surfaced Miles	93,397.163
Secondary Open Surfaced Miles	85,506.658	Total New/Resurfaced Rural Miles 2004	715.349
Secondary Open Not Surfaced Miles	4,702.767	Total Unknown Surface Type Rural Miles	501.234
Percentage Surfaced Secondary Roa	94.24%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	4,702.767	66,806.288	1,470.017	11,646.952	5,579.366	6.741
Total New/Resurfaced Miles 2004	31.960	45.151	41.691	534.521	62.025	0.000

FARM TO MARKET (FM)

Total FM Miles	30,513.091
FM Miles Open	30,510.752
FM Miles LNO	2.339
FM Miles Surfaced	30,450.001
FM Miles Not Surfaced	60.751
Percentage FM Surface	99.79%
Total New/Resurfaced FM Miles 2004	557.982
FM in Municipalities Populated Under 500	383.100
FM Miles Unknown Surface Type	2.263

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	60.751	13,662.336	921.240	10,680.258	5,179.950	6.217
Total New/Resurfaced Miles 2004	2.095	27.192	15.389	461.164	52.141	0.000

AREA SERVICE (AS)

Total AS Miles	60,221.581
AS Miles Open	59,701.380
AS Miles LNO	520.201
AS Miles Surfaced	55,059.363
AS Miles Not Surfaced	4,642.016
Percentage AS Surface	91.42%
Total New/Resurfaced AS Miles 2004	157.367
AS Miles Unknown Surface Type	498.971

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	4,642.016	53,143.952	548.777	966.694	399.416	0.524
Total New/Resurfaced Miles 2004	29.865	17.959	26.302	73.357	9.884	0.000

ADAIR
1
COUNTY MILES SUMMARY

Secondary Miles	1,027.288	Rural Open Roads All Systems	1,097.634
Secondary Open Miles	1,025.043	Rural Primary Miles	72.591
Secondary Legal Not Open (LNO) Miles	2.245	Rural Open Surfaced Miles	956.694
Secondary Open Surfaced Miles	884.103	Total New/Resurfaced Rural Miles 2004	14.621
Secondary Open Not Surfaced Miles	140.941	Total Unknown Surface Type Rural Miles	2.245
Percentage Surfaced Secondary Roads	86.06%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	140.941	795.110	8.616	79.126	1.252	0.000
Total New/Resurfaced Miles 2004	0.292	0.717	0.149	13.171	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	279.196
FM Miles Open	279.196
FM Miles LNO	0.000
FM Miles Surfaced	279.196
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	13.463
FM in Municipalities Populated Under 500	1.774
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	194.769	4.342	79.126	0.960	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	13.171	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	748.092
AS Miles Open	745.847
AS Miles LNO	2.245
AS Miles Surfaced	604.907
AS Miles Not Surfaced	143.186
Percentage AS Surfaced	80.86%
Total New/Resurfaced AS Miles 2004	1.158
AS Miles Unknown Surface Type	2.245

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	140.941	600.341	4.274	0.000	0.292	0.000
Total New/Resurfaced Miles 2004	0.292	0.717	0.149	0.000	0.000	0.000

ADAMS
2
COUNTY MILES SUMMARY

Secondary Miles	724.668	Rural Open Roads All Systems	767.250
Secondary Open Miles	723.747	Rural Primary Miles	43.504
Secondary Legal Not Open (LNO) Miles	0.921	Rural Open Surfaced Miles	664.800
Secondary Open Surfaced Miles	621.297	Total New/Resurfaced Rural Miles 2004	0.000
Secondary Open Not Surfaced Miles	102.450	Total Unknown Surface Type Rural Miles	0.921
Percentage Surfaced Secondary Roads	85.74%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	102.450	516.305	0.112	63.468	41.412	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	197.065
FM Miles Open	197.065
FM Miles LNO	0.000
FM Miles Surfaced	197.065
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	0.000
FM in Municipalities Populated Under 500	2.800
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	96.850	0.000	61.044	39.171	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	527.603
AS Miles Open	526.682
AS Miles LNO	0.921
AS Miles Surfaced	424.232
AS Miles Not Surfaced	103.371
Percentage AS Surfaced	80.41%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	0.921

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	102.450	419.455	0.112	2.424	2.241	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

ALLAMAKEE
3
COUNTY MILES SUMMARY

Secondary Miles	882.844	Rural Open Roads All Systems	954.240
Secondary Open Miles	870.586	Rural Primary Miles	83.654
Secondary Legal Not Open (LNO) Miles	12.258	Rural Open Surfaced Miles	944.293
Secondary Open Surfaced Miles	860.639	Total New/Resurfaced Rural Miles 2004	16.072
Secondary Open Not Surfaced Miles	9.947	Total Unknown Surface Type Rural Miles	12.258
Percentage Surfaced Secondary Roads	97.48%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	9.947	705.376	0.807	60.123	94.333	0.000
Total New/Resurfaced Miles 2004	2.683	2.576	0.000	10.813	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	299.957
FM Miles Open	299.957
FM Miles LNO	0.000
FM Miles Surfaced	299.957
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	13.389
FM in Municipalities Populated Under 500	1.710
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	149.975	0.118	58.195	91.669	0.000
Total New/Resurfaced Miles 2004	0.000	2.576	0.000	10.813	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	582.887
AS Miles Open	570.629
AS Miles LNO	12.258
AS Miles Surfaced	560.683
AS Miles Not Surfaced	22.205
Percentage AS Surfaced	96.19%
Total New/Resurfaced AS Miles 2004	2.683
AS Miles Unknown Surface Type	12.258

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	9.947	555.402	0.689	1.928	2.664	0.000
Total New/Resurfaced Miles 2004	2.683	0.000	0.000	0.000	0.000	0.000

APPANOOSE
4
COUNTY MILES SUMMARY

Secondary Miles	765.759	Rural Open Roads All Systems	806.605
Secondary Open Miles	754.964	Rural Primary Miles	51.641
Secondary Legal Not Open (LNO) Miles	10.796	Rural Open Surfaced Miles	774.583
Secondary Open Surfaced Miles	722.942	Total New/Resurfaced Rural Miles 2004	0.727
Secondary Open Not Surfaced Miles	32.022	Total Unknown Surface Type Rural Miles	10.674
Percentage Surfaced Secondary Roads	94.41%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	32.022	606.238	1.324	63.754	51.627	0.000
Total New/Resurfaced Miles 2004	0.000	0.100	0.000	0.627	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	291.435
FM Miles Open	291.435
FM Miles LNO	0.000
FM Miles Surfaced	291.435
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	0.627
FM in Municipalities Populated Under 500	7.669
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	187.768	0.000	58.663	45.005	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.627	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	474.324
AS Miles Open	463.529
AS Miles LNO	10.796
AS Miles Surfaced	431.507
AS Miles Not Surfaced	42.695
Percentage AS Surfaced	90.97%
Total New/Resurfaced AS Miles 2004	0.100
AS Miles Unknown Surface Type	10.674

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	32.022	418.470	1.324	5.091	6.622	0.000
Total New/Resurfaced Miles 2004	0.000	0.100	0.000	0.000	0.000	0.000

AUDUBON
5
COUNTY MILES SUMMARY

Secondary Miles	762.826	Rural Open Roads All Systems	803.563
Secondary Open Miles	760.464	Rural Primary Miles	43.099
Secondary Legal Not Open (LNO) Miles	2.362	Rural Open Surfaced Miles	758.344
Secondary Open Surfaced Miles	715.245	Total New/Resurfaced Rural Miles 2004	4.394
Secondary Open Not Surfaced Miles	45.220	Total Unknown Surface Type Rural Miles	1.811
Percentage Surfaced Secondary Roads	93.76%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	45.220	622.986	4.312	37.510	50.437	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	4.394	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	274.333
FM Miles Open	274.333
FM Miles LNO	0.000
FM Miles Surfaced	274.333
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	4.394
FM in Municipalities Populated Under 500	1.981
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	185.824	1.954	36.583	49.972	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	4.394	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	488.493
AS Miles Open	486.131
AS Miles LNO	2.362
AS Miles Surfaced	440.912
AS Miles Not Surfaced	47.582
Percentage AS Surfaced	90.26%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	1.811

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	45.220	437.162	2.358	0.927	0.465	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

BENTON
6
COUNTY MILES SUMMARY

Secondary Miles	1,239.234	Rural Open Roads All Systems	1,333.534
Secondary Open Miles	1,236.052	Rural Primary Miles	97.483
Secondary Legal Not Open (LNO) Miles	3.182	Rural Open Surfaced Miles	1,239.315
Secondary Open Surfaced Miles	1,141.832	Total New/Resurfaced Rural Miles 2004	9.715
Secondary Open Not Surfaced Miles	94.220	Total Unknown Surface Type Rural Miles	3.182
Percentage Surfaced Secondary Roads	92.14%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	94.220	924.512	5.468	182.731	29.122	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	9.715	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	361.675
FM Miles Open	361.675
FM Miles LNO	0.000
FM Miles Surfaced	361.675
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	8.528
FM in Municipalities Populated Under 500	1.690
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	153.588	3.485	175.561	29.041	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	8.528	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	877.559
AS Miles Open	874.377
AS Miles LNO	3.182
AS Miles Surfaced	780.158
AS Miles Not Surfaced	97.402
Percentage AS Surfaced	88.90%
Total New/Resurfaced AS Miles 2004	1.187
AS Miles Unknown Surface Type	3.182

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	94.220	770.924	1.983	7.170	0.081	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	1.187	0.000	0.000

BLACK HAWK
7
COUNTY MILES SUMMARY

Secondary Miles	771.438	Rural Open Roads All Systems	861.592
Secondary Open Miles	770.481	Rural Primary Miles	91.111
Secondary Legal Not Open (LNO) Miles	0.957	Rural Open Surfaced Miles	856.514
Secondary Open Surfaced Miles	765.403	Total New/Resurfaced Rural Miles 2004	8.528
Secondary Open Not Surfaced Miles	5.078	Total Unknown Surface Type Rural Miles	0.957
Percentage Surfaced Secondary Roads	99.22%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	5.078	526.516	25.090	180.577	33.221	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	8.528	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	273.787
FM Miles Open	273.787
FM Miles LNO	0.000
FM Miles Surfaced	273.787
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	8.528
FM in Municipalities Populated Under 500	0.000
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	58.239	8.881	175.259	31.409	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	8.528	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	497.651
AS Miles Open	496.694
AS Miles LNO	0.957
AS Miles Surfaced	491.616
AS Miles Not Surfaced	6.035
Percentage AS Surfaced	98.79%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	0.957

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	5.078	468.278	16.209	5.318	1.812	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

BOONE
8
COUNTY MILES SUMMARY

Secondary Miles	978.604	Rural Open Roads All Systems	1,061.618
Secondary Open Miles	974.035	Rural Primary Miles	87.583
Secondary Legal Not Open (LNO) Miles	4.569	Rural Open Surfaced Miles	1,055.701
Secondary Open Surfaced Miles	968.118	Total New/Resurfaced Rural Miles 2004	5.035
Secondary Open Not Surfaced Miles	5.917	Total Unknown Surface Type Rural Miles	4.569
Percentage Surfaced Secondary Roads	98.93%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	5.917	779.097	2.409	68.247	118.365	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	305.608
FM Miles Open	305.608
FM Miles LNO	0.000
FM Miles Surfaced	304.607
FM Miles Not Surfaced	1.001
Percentage FM Surfaced	99.67%
Total New/Resurfaced FM Miles 2004	0.000
FM in Municipalities Populated Under 500	4.253
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	1.001	126.654	1.143	62.970	113.840	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	672.996
AS Miles Open	668.427
AS Miles LNO	4.569
AS Miles Surfaced	663.511
AS Miles Not Surfaced	9.485
Percentage AS Surfaced	98.59%
Total New/Resurfaced AS Miles 2004	5.035
AS Miles Unknown Surface Type	4.569

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	4.916	652.443	1.266	5.277	4.525	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

BREMER
9
COUNTY MILES SUMMARY

Secondary Miles	716.871	Rural Open Roads All Systems	801.596
Secondary Open Miles	716.125	Rural Primary Miles	85.471
Secondary Legal Not Open (LNO) Miles	0.746	Rural Open Surfaced Miles	797.207
Secondary Open Surfaced Miles	711.736	Total New/Resurfaced Rural Miles 2004	13.457
Secondary Open Not Surfaced Miles	4.390	Total Unknown Surface Type Rural Miles	0.746
Percentage Surfaced Secondary Roads	99.28%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	4.390	570.082	4.200	134.951	2.503	0.000
Total New/Resurfaced Miles 2004	5.035	0.318	1.759	5.906	0.439	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	192.154
FM Miles Open	192.154
FM Miles LNO	0.000
FM Miles Surfaced	192.154
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	0.772
FM in Municipalities Populated Under 500	0.877
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	63.228	0.062	126.982	1.882	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.772	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	524.718
AS Miles Open	523.972
AS Miles LNO	0.746
AS Miles Surfaced	519.582
AS Miles Not Surfaced	5.136
Percentage AS Surfaced	99.02%
Total New/Resurfaced AS Miles 2004	12.685
AS Miles Unknown Surface Type	0.746

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	4.390	506.855	4.138	7.969	0.621	0.000
Total New/Resurfaced Miles 2004	5.035	0.318	1.759	5.134	0.439	0.000

BUCHANAN
10
COUNTY MILES SUMMARY

Secondary Miles	961.087	Rural Open Roads All Systems	1,038.266
Secondary Open Miles	960.272	Rural Primary Miles	77.994
Secondary Legal Not Open (LNO) Miles	0.815	Rural Open Surfaced Miles	1,013.492
Secondary Open Surfaced Miles	935.498	Total New/Resurfaced Rural Miles 2004	0.000
Secondary Open Not Surfaced Miles	24.775	Total Unknown Surface Type Rural Miles	0.815
Percentage Surfaced Secondary Roads	97.34%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	24.775	735.105	1.168	58.070	141.155	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	347.516
FM Miles Open	347.516
FM Miles LNO	0.000
FM Miles Surfaced	347.516
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	0.000
FM in Municipalities Populated Under 500	3.195
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	153.884	0.727	55.822	137.084	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	613.571
AS Miles Open	612.756
AS Miles LNO	0.815
AS Miles Surfaced	587.982
AS Miles Not Surfaced	25.708
Percentage AS Surfaced	95.83%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	0.815

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	24.775	581.222	0.441	2.248	4.071	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

BUENA VISTA
11
COUNTY MILES SUMMARY

Secondary Miles	1,007.301	Rural Open Roads All Systems	1,091.793
Secondary Open Miles	1,003.409	Rural Primary Miles	88.384
Secondary Legal Not Open (LNO) Miles	3.892	Rural Open Surfaced Miles	1,085.335
Secondary Open Surfaced Miles	996.951	Total New/Resurfaced Rural Miles 2004	10.089
Secondary Open Not Surfaced Miles	6.458	Total Unknown Surface Type Rural Miles	3.892
Percentage Surfaced Secondary Roads	98.97%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	6.458	747.052	2.734	236.698	10.467	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.428	9.661	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	333.052
FM Miles Open	333.052
FM Miles LNO	0.000
FM Miles Surfaced	333.052
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	9.661
FM in Municipalities Populated Under 500	1.890
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	92.626	0.000	230.063	10.363	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	9.661	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	674.249
AS Miles Open	670.357
AS Miles LNO	3.892
AS Miles Surfaced	663.899
AS Miles Not Surfaced	10.350
Percentage AS Surfaced	98.46%
Total New/Resurfaced AS Miles 2004	0.428
AS Miles Unknown Surface Type	3.892

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	6.458	654.426	2.734	6.635	0.104	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.428	0.000	0.000	0.000

BUTLER
12
COUNTY MILES SUMMARY

Secondary Miles	960.661	Rural Open Roads All Systems	1,031.036
Secondary Open Miles	956.024	Rural Primary Miles	75.012
Secondary Legal Not Open (LNO) Miles	4.637	Rural Open Surfaced Miles	1,014.377
Secondary Open Surfaced Miles	939.365	Total New/Resurfaced Rural Miles 2004	13.325
Secondary Open Not Surfaced Miles	16.659	Total Unknown Surface Type Rural Miles	4.637
Percentage Surfaced Secondary Roads	97.78%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	16.659	736.248	0.497	201.199	1.421	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	13.325	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	294.080
FM Miles Open	294.080
FM Miles LNO	0.000
FM Miles Surfaced	294.080
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	13.325
FM in Municipalities Populated Under 500	3.455
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	97.168	0.000	195.769	1.144	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	13.325	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	666.581
AS Miles Open	661.944
AS Miles LNO	4.637
AS Miles Surfaced	645.285
AS Miles Not Surfaced	21.296
Percentage AS Surfaced	96.81%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	4.637

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	16.659	639.081	0.497	5.431	0.277	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

CALHOUN
13
COUNTY MILES SUMMARY

Secondary Miles	985.681	Rural Open Roads All Systems	1,062.825
Secondary Open Miles	985.681	Rural Primary Miles	77.144
Secondary Legal Not Open (LNO) Miles	0.000	Rural Open Surfaced Miles	1,056.490
Secondary Open Surfaced Miles	979.346	Total New/Resurfaced Rural Miles 2004	24.054
Secondary Open Not Surfaced Miles	6.335	Total Unknown Surface Type Rural Miles	0.000
Percentage Surfaced Secondary Roads	99.36%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	6.335	810.388	2.328	59.154	107.476	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	24.054	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	306.426
FM Miles Open	306.426
FM Miles LNO	0.000
FM Miles Surfaced	306.426
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	24.054
FM in Municipalities Populated Under 500	5.538
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	142.860	0.249	55.841	107.476	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	24.054	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	679.255
AS Miles Open	679.255
AS Miles LNO	0.000
AS Miles Surfaced	672.920
AS Miles Not Surfaced	6.335
Percentage AS Surfaced	99.07%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	6.335	667.528	2.079	3.313	0.000	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

CARROLL
14
COUNTY MILES SUMMARY

Secondary Miles	1,010.057	Rural Open Roads All Systems	1,071.858
Secondary Open Miles	1,007.584	Rural Primary Miles	64.274
Secondary Legal Not Open (LNO) Miles	2.473	Rural Open Surfaced Miles	1,056.902
Secondary Open Surfaced Miles	992.628	Total New/Resurfaced Rural Miles 2004	1.893
Secondary Open Not Surfaced Miles	14.957	Total Unknown Surface Type Rural Miles	2.473
Percentage Surfaced Secondary Roads	98.27%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	14.957	799.191	0.466	154.419	38.552	0.000
Total New/Resurfaced Miles 2004	0.000	1.893	0.000	0.000	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	371.345
FM Miles Open	371.345
FM Miles LNO	0.000
FM Miles Surfaced	371.345
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	1.001
FM in Municipalities Populated Under 500	11.374
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	187.945	0.398	147.360	35.642	0.000
Total New/Resurfaced Miles 2004	0.000	1.001	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	638.713
AS Miles Open	636.240
AS Miles LNO	2.473
AS Miles Surfaced	621.283
AS Miles Not Surfaced	17.430
Percentage AS Surfaced	97.27%
Total New/Resurfaced AS Miles 2004	0.892
AS Miles Unknown Surface Type	2.473

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	14.957	611.246	0.068	7.059	2.910	0.000
Total New/Resurfaced Miles 2004	0.000	0.892	0.000	0.000	0.000	0.000

CASS
15
COUNTY MILES SUMMARY

Secondary Miles	903.432	Rural Open Roads All Systems	1,043.397
Secondary Open Miles	902.085	Rural Primary Miles	141.312
Secondary Legal Not Open (LNO) Miles	1.347	Rural Open Surfaced Miles	904.234
Secondary Open Surfaced Miles	762.922	Total New/Resurfaced Rural Miles 2004	0.000
Secondary Open Not Surfaced Miles	139.163	Total Unknown Surface Type Rural Miles	1.129
Percentage Surfaced Secondary Roads	84.45%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	139.163	652.305	5.943	70.045	34.629	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	260.925
FM Miles Open	260.925
FM Miles LNO	0.000
FM Miles Surfaced	260.925
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	0.000
FM in Municipalities Populated Under 500	3.608
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	159.549	0.677	66.198	34.501	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	642.507
AS Miles Open	641.160
AS Miles LNO	1.347
AS Miles Surfaced	501.997
AS Miles Not Surfaced	140.510
Percentage AS Surfaced	78.13%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	1.129

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	139.163	492.756	5.266	3.847	0.128	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

CEDAR
16
COUNTY MILES SUMMARY

Secondary Miles	954.730	Rural Open Roads All Systems	1,036.646
Secondary Open Miles	950.976	Rural Primary Miles	85.670
Secondary Legal Not Open (LNO) Miles	3.754	Rural Open Surfaced Miles	978.468
Secondary Open Surfaced Miles	892.798	Total New/Resurfaced Rural Miles 2004	8.141
Secondary Open Not Surfaced Miles	58.178	Total Unknown Surface Type Rural Miles	3.754
Percentage Surfaced Secondary Roads	93.51%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	58.178	753.953	3.270	97.742	37.834	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.571	7.570	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	355.163
FM Miles Open	355.163
FM Miles LNO	0.000
FM Miles Surfaced	355.163
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	7.992
FM in Municipalities Populated Under 500	0.360
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	230.835	0.379	86.669	37.281	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.422	7.570	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	599.567
AS Miles Open	595.813
AS Miles LNO	3.754
AS Miles Surfaced	537.635
AS Miles Not Surfaced	61.932
Percentage AS Surfaced	89.67%
Total New/Resurfaced AS Miles 2004	0.149
AS Miles Unknown Surface Type	3.754

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	58.178	523.119	2.891	11.073	0.553	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.149	0.000	0.000

CERRO GORDO

17

COUNTY MILES SUMMARY

Secondary Miles	970.108	Rural Open Roads All Systems	1,041.017
Secondary Open Miles	967.169	Rural Primary Miles	73.848
Secondary Legal Not Open (LNO) Miles	2.939	Rural Open Surfaced Miles	1,033.412
Secondary Open Surfaced Miles	959.564	Total New/Resurfaced Rural Miles 2004	3.512
Secondary Open Not Surfaced Miles	7.605	Total Unknown Surface Type Rural Miles	2.939
Percentage Surfaced Secondary Roads	98.91%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	7.605	693.724	3.207	186.254	76.379	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	3.512	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	344.761
FM Miles Open	344.761
FM Miles LNO	0.000
FM Miles Surfaced	344.761
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	2.002
FM in Municipalities Populated Under 500	5.064
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	101.042	0.000	174.754	68.965	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	2.002	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	625.347
AS Miles Open	622.408
AS Miles LNO	2.939
AS Miles Surfaced	614.803
AS Miles Not Surfaced	10.544
Percentage AS Surfaced	98.31%
Total New/Resurfaced AS Miles 2004	1.510
AS Miles Unknown Surface Type	2.939

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	7.605	592.682	3.207	11.500	7.414	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	1.510	0.000	0.000

CHEROKEE
18
COUNTY MILES SUMMARY

Secondary Miles	1,002.813	Rural Open Roads All Systems	1,063.581
Secondary Open Miles	996.964	Rural Primary Miles	66.617
Secondary Legal Not Open (LNO) Miles	5.849	Rural Open Surfaced Miles	1,040.356
Secondary Open Surfaced Miles	973.739	Total New/Resurfaced Rural Miles 2004	0.000
Secondary Open Not Surfaced Miles	23.225	Total Unknown Surface Type Rural Miles	5.849
Percentage Surfaced Secondary Roads	97.10%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	23.225	757.256	0.000	69.397	147.087	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	308.338
FM Miles Open	308.338
FM Miles LNO	1.243
FM Miles Surfaced	308.338
FM Miles Not Surfaced	1.243
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	0.000
FM in Municipalities Populated Under 500	1.602
FM Miles Unknown Surface Type	1.243

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	95.473	0.000	67.290	145.575	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	693.233
AS Miles Open	688.627
AS Miles LNO	4.606
AS Miles Surfaced	665.402
AS Miles Not Surfaced	27.831
Percentage AS Surfaced	95.99%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	4.606

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	23.225	661.783	0.000	2.107	1.512	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

CHICKASAW

19

COUNTY MILES SUMMARY

Secondary Miles	848.615	Rural Open Roads All Systems	918.805
Secondary Open Miles	846.597	Rural Primary Miles	72.208
Secondary Legal Not Open (LNO) Miles	2.018	Rural Open Surfaced Miles	909.174
Secondary Open Surfaced Miles	836.966	Total New/Resurfaced Rural Miles 2004	3.808
Secondary Open Not Surfaced Miles	9.631	Total Unknown Surface Type Rural Miles	2.018
Percentage Surfaced Secondary Roads	98.63%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	9.631	692.065	0.559	108.489	35.742	0.112
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	3.808	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	239.071
FM Miles Open	239.071
FM Miles LNO	0.000
FM Miles Surfaced	238.058
FM Miles Not Surfaced	1.013
Percentage FM Surfaced	99.58%
Total New/Resurfaced FM Miles 2004	3.808
FM in Municipalities Populated Under 500	5.220
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	1.013	99.212	0.000	104.971	33.876	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	3.808	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	609.544
AS Miles Open	607.526
AS Miles LNO	2.018
AS Miles Surfaced	598.908
AS Miles Not Surfaced	10.636
Percentage AS Surfaced	98.26%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	2.018

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	8.618	592.853	0.559	3.518	1.866	0.112
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

CLARKE

20

COUNTY MILES SUMMARY

Secondary Miles	663.034	Rural Open Roads All Systems	720.664
Secondary Open Miles	659.562	Rural Primary Miles	61.102
Secondary Legal Not Open (LNO) Miles	3.472	Rural Open Surfaced Miles	650.944
Secondary Open Surfaced Miles	589.842	Total New/Resurfaced Rural Miles 2004	6.338
Secondary Open Not Surfaced Miles	69.721	Total Unknown Surface Type Rural Miles	3.472
Percentage Surfaced Secondary Roads	88.96%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	69.721	530.457	5.501	8.396	45.489	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	3.923	2.415	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	248.294
FM Miles Open	248.294
FM Miles LNO	0.000
FM Miles Surfaced	248.294
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	6.338
FM in Municipalities Populated Under 500	0.864
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	189.538	4.872	8.396	45.489	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	3.923	2.415	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	414.741
AS Miles Open	411.269
AS Miles LNO	3.472
AS Miles Surfaced	341.548
AS Miles Not Surfaced	73.193
Percentage AS Surfaced	82.35%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	3.472

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	69.721	340.919	0.629	0.000	0.000	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

CLAY
21
COUNTY MILES SUMMARY

Secondary Miles	971.696	Rural Open Roads All Systems	1,023.943
Secondary Open Miles	971.696	Rural Primary Miles	52.247
Secondary Legal Not Open (LNO) Miles	0.000	Rural Open Surfaced Miles	1,018.919
Secondary Open Surfaced Miles	966.672	Total New/Resurfaced Rural Miles 2004	5.960
Secondary Open Not Surfaced Miles	5.024	Total Unknown Surface Type Rural Miles	0.000
Percentage Surfaced Secondary Roads	99.48%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	5.024	740.491	0.062	209.046	17.074	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	5.960	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	311.903
FM Miles Open	311.903
FM Miles LNO	0.000
FM Miles Surfaced	311.903
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	0.000
FM in Municipalities Populated Under 500	4.312
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	96.930	0.062	202.950	11.962	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	659.793
AS Miles Open	659.793
AS Miles LNO	0.000
AS Miles Surfaced	654.769
AS Miles Not Surfaced	5.024
Percentage AS Surfaced	99.24%
Total New/Resurfaced AS Miles 2004	5.960
AS Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	5.024	643.561	0.000	6.096	5.112	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	5.960	0.000	0.000

CLAYTON
22
COUNTY MILES SUMMARY

Secondary Miles	1,094.704	Rural Open Roads All Systems	1,183.855
Secondary Open Miles	1,081.497	Rural Primary Miles	102.358
Secondary Legal Not Open (LNO) Miles	13.207	Rural Open Surfaced Miles	1,159.171
Secondary Open Surfaced Miles	1,056.813	Total New/Resurfaced Rural Miles 2004	1.585
Secondary Open Not Surfaced Miles	24.684	Total Unknown Surface Type Rural Miles	13.207
Percentage Surfaced Secondary Roads	96.54%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	24.557	854.163	8.371	65.636	128.770	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	1.585	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	414.943
FM Miles Open	414.943
FM Miles LNO	0.000
FM Miles Surfaced	414.943
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	1.585
FM in Municipalities Populated Under 500	12.559
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	227.242	2.537	63.573	121.591	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	1.585	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	679.761
AS Miles Open	666.554
AS Miles LNO	13.207
AS Miles Surfaced	641.997
AS Miles Not Surfaced	37.891
Percentage AS Surfaced	94.44%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	13.207

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	24.557	626.921	5.834	2.063	7.179	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

CLINTON
23
COUNTY MILES SUMMARY

Secondary Miles	1,014.812	Rural Open Roads All Systems	1,109.686
Secondary Open Miles	1,007.593	Rural Primary Miles	102.093
Secondary Legal Not Open (LNO) Miles	7.219	Rural Open Surfaced Miles	1,105.782
Secondary Open Surfaced Miles	1,003.689	Total New/Resurfaced Rural Miles 2004	6.022
Secondary Open Not Surfaced Miles	3.904	Total Unknown Surface Type Rural Miles	7.150
Percentage Surfaced Secondary Roads	98.90%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	3.904	786.914	2.012	169.563	45.201	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	6.022	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	352.443
FM Miles Open	352.443
FM Miles LNO	0.000
FM Miles Surfaced	352.443
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	6.022
FM in Municipalities Populated Under 500	3.636
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	163.967	0.236	147.063	41.177	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	6.022	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	662.370
AS Miles Open	655.151
AS Miles LNO	7.219
AS Miles Surfaced	651.247
AS Miles Not Surfaced	11.054
Percentage AS Surfaced	98.32%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	7.150

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	3.904	622.947	1.776	22.500	4.024	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

CRAWFORD
24
COUNTY MILES SUMMARY

Secondary Miles	1,226.399	Rural Open Roads All Systems	1,308.448
Secondary Open Miles	1,214.535	Rural Primary Miles	93.914
Secondary Legal Not Open (LNO) Miles	11.864	Rural Open Surfaced Miles	1,113.661
Secondary Open Surfaced Miles	1,019.748	Total New/Resurfaced Rural Miles 2004	1.312
Secondary Open Not Surfaced Miles	194.787	Total Unknown Surface Type Rural Miles	7.976
Percentage Surfaced Secondary Roads	83.15%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	194.787	878.282	2.940	78.682	59.844	0.000
Total New/Resurfaced Miles 2004	1.312	0.000	0.000	0.000	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	383.609
FM Miles Open	383.609
FM Miles LNO	0.000
FM Miles Surfaced	382.152
FM Miles Not Surfaced	1.457
Percentage FM Surfaced	99.62%
Total New/Resurfaced FM Miles 2004	1.312
FM in Municipalities Populated Under 500	5.074
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	1.457	246.218	1.548	76.468	57.919	0.000
Total New/Resurfaced Miles 2004	1.312	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	842.790
AS Miles Open	830.926
AS Miles LNO	11.864
AS Miles Surfaced	637.596
AS Miles Not Surfaced	205.194
Percentage AS Surfaced	75.65%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	7.976

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	193.330	632.065	1.392	2.214	1.925	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

DALLAS
25
COUNTY MILES SUMMARY

Secondary Miles	885.615	Rural Open Roads All Systems	983.462
Secondary Open Miles	881.362	Rural Primary Miles	102.100
Secondary Legal Not Open (LNO) Miles	4.253	Rural Open Surfaced Miles	980.790
Secondary Open Surfaced Miles	878.690	Total New/Resurfaced Rural Miles 2004	5.998
Secondary Open Not Surfaced Miles	2.672	Total Unknown Surface Type Rural Miles	4.253
Percentage Surfaced Secondary Roads	99.22%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	2.672	683.790	3.707	48.390	142.804	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	5.998	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	287.751
FM Miles Open	287.751
FM Miles LNO	0.000
FM Miles Surfaced	287.751
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	5.998
FM in Municipalities Populated Under 500	4.892
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	109.049	1.156	45.853	131.694	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	5.998	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	597.864
AS Miles Open	593.611
AS Miles LNO	4.253
AS Miles Surfaced	590.939
AS Miles Not Surfaced	11.730
Percentage AS Surfaced	98.84%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	4.253

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	2.672	574.741	2.551	2.537	11.110	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

DAVIS

26

COUNTY MILES SUMMARY

Secondary Miles	813.600	Rural Open Roads All Systems	857.507
Secondary Open Miles	809.512	Rural Primary Miles	47.995
Secondary Legal Not Open (LNO) Miles	4.088	Rural Open Surfaced Miles	792.982
Secondary Open Surfaced Miles	744.987	Total New/Resurfaced Rural Miles 2004	5.780
Secondary Open Not Surfaced Miles	64.525	Total Unknown Surface Type Rural Miles	4.088
Percentage Surfaced Secondary Roads	91.57%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	64.525	653.968	0.410	81.573	9.037	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	5.780	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	277.828
FM Miles Open	277.828
FM Miles LNO	0.000
FM Miles Surfaced	277.828
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	5.780
FM in Municipalities Populated Under 500	2.519
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	191.656	0.410	80.113	5.649	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	5.780	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	535.772
AS Miles Open	531.684
AS Miles LNO	4.088
AS Miles Surfaced	467.160
AS Miles Not Surfaced	68.613
Percentage AS Surfaced	87.19%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	4.088

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	64.525	462.312	0.000	1.460	3.388	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

DECATUR

27

COUNTY MILES SUMMARY

Secondary Miles	786.470	Rural Open Roads All Systems	850.215
Secondary Open Miles	772.987	Rural Primary Miles	77.228
Secondary Legal Not Open (LNO) Miles	13.484	Rural Open Surfaced Miles	769.205
Secondary Open Surfaced Miles	691.977	Total New/Resurfaced Rural Miles 2004	2.347
Secondary Open Not Surfaced Miles	81.010	Total Unknown Surface Type Rural Miles	13.484
Percentage Surfaced Secondary Roads	87.99%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	81.010	522.440	53.609	57.638	58.291	0.000
Total New/Resurfaced Miles 2004	0.000	1.492	0.000	0.855	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	322.834
FM Miles Open	322.834
FM Miles LNO	0.000
FM Miles Surfaced	322.834
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	1.492
FM in Municipalities Populated Under 500	6.034
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	174.029	39.298	51.838	57.670	0.000
Total New/Resurfaced Miles 2004	0.000	1.492	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	463.636
AS Miles Open	450.153
AS Miles LNO	13.484
AS Miles Surfaced	369.143
AS Miles Not Surfaced	94.494
Percentage AS Surfaced	79.62%
Total New/Resurfaced AS Miles 2004	0.855
AS Miles Unknown Surface Type	13.484

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	81.010	348.411	14.311	5.800	0.621	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.855	0.000	0.000

DELAWARE
28
COUNTY MILES SUMMARY

Secondary Miles	919.079	Rural Open Roads All Systems	1,005.737
Secondary Open Miles	914.671	Rural Primary Miles	91.067
Secondary Legal Not Open (LNO) Miles	4.408	Rural Open Surfaced Miles	994.458
Secondary Open Surfaced Miles	903.392	Total New/Resurfaced Rural Miles 2004	0.000
Secondary Open Not Surfaced Miles	11.279	Total Unknown Surface Type Rural Miles	3.891
Percentage Surfaced Secondary Roads	98.29%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	11.279	674.817	0.582	132.518	95.475	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	296.246
FM Miles Open	296.246
FM Miles LNO	0.000
FM Miles Surfaced	296.246
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	0.000
FM in Municipalities Populated Under 500	4.234
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	87.600	0.000	121.606	87.040	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	622.833
AS Miles Open	618.425
AS Miles LNO	4.408
AS Miles Surfaced	607.146
AS Miles Not Surfaced	15.687
Percentage AS Surfaced	97.48%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	3.891

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	11.279	587.217	0.582	10.912	8.435	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

DES MOINES

29

COUNTY MILES SUMMARY

Secondary Miles	637.699	Rural Open Roads All Systems	667.391
Secondary Open Miles	636.287	Rural Primary Miles	31.104
Secondary Legal Not Open (LNO) Miles	1.412	Rural Open Surfaced Miles	603.292
Secondary Open Surfaced Miles	572.188	Total New/Resurfaced Rural Miles 2004	2.512
Secondary Open Not Surfaced Miles	64.100	Total Unknown Surface Type Rural Miles	1.114
Percentage Surfaced Secondary Roads	89.73%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	64.100	452.930	0.031	84.312	34.915	0.000
Total New/Resurfaced Miles 2004	0.807	1.705	0.000	0.000	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	233.824
FM Miles Open	233.824
FM Miles LNO	0.166
FM Miles Surfaced	233.824
FM Miles Not Surfaced	0.166
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	0.000
FM in Municipalities Populated Under 500	0.000
FM Miles Unknown Surface Type	0.166

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	155.428	0.000	48.153	30.243	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	403.710
AS Miles Open	402.464
AS Miles LNO	1.246
AS Miles Surfaced	338.364
AS Miles Not Surfaced	65.346
Percentage AS Surfaced	83.81%
Total New/Resurfaced AS Miles 2004	2.512
AS Miles Unknown Surface Type	0.948

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	64.100	297.502	0.031	36.159	4.672	0.000
Total New/Resurfaced Miles 2004	0.807	1.705	0.000	0.000	0.000	0.000

DICKINSON

30

COUNTY MILES SUMMARY

Secondary Miles	661.806	Rural Open Roads All Systems	700.593
Secondary Open Miles	656.213	Rural Primary Miles	44.380
Secondary Legal Not Open (LNO) Miles	5.351	Rural Open Surfaced Miles	680.001
Secondary Open Surfaced Miles	635.621	Total New/Resurfaced Rural Miles 2004	1.717
Secondary Open Not Surfaced Miles	20.592	Total Unknown Surface Type Rural Miles	5.351
Percentage Surfaced Secondary Roads	96.04%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	20.592	452.159	10.077	107.492	65.746	0.147
Total New/Resurfaced Miles 2004	0.000	0.000	0.963	0.754	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	226.576
FM Miles Open	226.576
FM Miles LNO	0.000
FM Miles Surfaced	226.576
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	0.000
FM in Municipalities Populated Under 500	0.434
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	87.187	1.972	81.693	55.724	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	435.230
AS Miles Open	429.637
AS Miles LNO	5.593
AS Miles Surfaced	409.045
AS Miles Not Surfaced	25.943
Percentage AS Surfaced	93.98%
Total New/Resurfaced AS Miles 2004	1.717
AS Miles Unknown Surface Type	5.351

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	20.592	364.972	8.105	25.799	10.022	0.147
Total New/Resurfaced Miles 2004	0.000	0.000	0.963	0.754	0.000	0.000

DUBUQUE
31
COUNTY MILES SUMMARY

Secondary Miles	785.191	Rural Open Roads All Systems	884.481
Secondary Open Miles	775.221	Rural Primary Miles	109.260
Secondary Legal Not Open (LNO) Miles	9.970	Rural Open Surfaced Miles	878.990
Secondary Open Surfaced Miles	769.730	Total New/Resurfaced Rural Miles 2004	18.408
Secondary Open Not Surfaced Miles	5.491	Total Unknown Surface Type Rural Miles	9.970
Percentage Surfaced Secondary Roads	98.03%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	5.204	324.241	211.159	173.077	61.439	0.102
Total New/Resurfaced Miles 2004	0.000	0.000	11.504	6.904	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	323.853
FM Miles Open	323.853
FM Miles LNO	0.000
FM Miles Surfaced	323.853
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	8.116
FM in Municipalities Populated Under 500	6.217
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	40.016	89.521	141.104	53.111	0.102
Total New/Resurfaced Miles 2004	0.000	0.000	1.212	6.904	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	461.339
AS Miles Open	451.369
AS Miles LNO	9.970
AS Miles Surfaced	446.165
AS Miles Not Surfaced	16.713
Percentage AS Surfaced	96.71%
Total New/Resurfaced AS Miles 2004	10.292
AS Miles Unknown Surface Type	9.970

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	5.204	284.226	121.638	31.973	8.328	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	10.292	0.000	0.000	0.000

EMMET
32
COUNTY MILES SUMMARY

Secondary Miles	647.992	Rural Open Roads All Systems	699.757
Secondary Open Miles	647.128	Rural Primary Miles	52.629
Secondary Legal Not Open (LNO) Miles	0.864	Rural Open Surfaced Miles	694.871
Secondary Open Surfaced Miles	642.242	Total New/Resurfaced Rural Miles 2004	3.382
Secondary Open Not Surfaced Miles	4.886	Total Unknown Surface Type Rural Miles	0.864
Percentage Surfaced Secondary Roads	99.11%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	4.886	459.399	0.000	169.421	13.423	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	3.382	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	180.881
FM Miles Open	180.881
FM Miles LNO	0.000
FM Miles Surfaced	180.881
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	3.382
FM in Municipalities Populated Under 500	2.581
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	11.033	0.000	157.860	11.988	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	3.382	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	467.111
AS Miles Open	466.247
AS Miles LNO	0.864
AS Miles Surfaced	461.362
AS Miles Not Surfaced	5.750
Percentage AS Surfaced	98.77%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	0.864

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	4.886	448.366	0.000	11.561	1.435	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

FAYETTE

33

COUNTY MILES SUMMARY

Secondary Miles	1,148.749	Rural Open Roads All Systems	1,264.064
Secondary Open Miles	1,144.429	Rural Primary Miles	119.635
Secondary Legal Not Open (LNO) Miles	4.320	Rural Open Surfaced Miles	1,263.666
Secondary Open Surfaced Miles	1,144.031	Total New/Resurfaced Rural Miles 2004	5.570
Secondary Open Not Surfaced Miles	0.398	Total Unknown Surface Type Rural Miles	4.376
Percentage Surfaced Secondary Roads	99.59%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.342	910.256	2.405	161.058	70.313	0.000
Total New/Resurfaced Miles 2004	0.000	1.430	0.000	0.000	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	359.277
FM Miles Open	359.277
FM Miles LNO	0.000
FM Miles Surfaced	359.221
FM Miles Not Surfaced	0.056
Percentage FM Surfaced	99.98%
Total New/Resurfaced FM Miles 2004	5.091
FM in Municipalities Populated Under 500	7.264
FM Miles Unknown Surface Type	0.056

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	131.105	0.267	159.417	68.433	0.000
Total New/Resurfaced Miles 2004	0.000	0.951	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	789.472
AS Miles Open	785.152
AS Miles LNO	4.320
AS Miles Surfaced	784.810
AS Miles Not Surfaced	4.911
Percentage AS Surfaced	99.41%
Total New/Resurfaced AS Miles 2004	0.479
AS Miles Unknown Surface Type	4.320

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.342	779.151	2.138	1.641	1.880	0.000
Total New/Resurfaced Miles 2004	0.000	0.479	0.000	0.000	0.000	0.000

FLOYD

34

COUNTY MILES SUMMARY

Secondary Miles	891.179	Rural Open Roads All Systems	948.100
Secondary Open Miles	888.912	Rural Primary Miles	59.188
Secondary Legal Not Open (LNO) Miles	2.267	Rural Open Surfaced Miles	946.078
Secondary Open Surfaced Miles	886.890	Total New/Resurfaced Rural Miles 2004	5.091
Secondary Open Not Surfaced Miles	2.022	Total Unknown Surface Type Rural Miles	2.267
Percentage Surfaced Secondary Roads	99.52%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	2.022	713.199	2.901	129.449	41.341	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	5.091	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	251.503
FM Miles Open	251.503
FM Miles LNO	0.000
FM Miles Surfaced	251.503
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	5.091
FM in Municipalities Populated Under 500	4.369
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	109.608	0.440	106.684	34.771	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	5.091	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	639.676
AS Miles Open	637.409
AS Miles LNO	2.267
AS Miles Surfaced	635.387
AS Miles Not Surfaced	4.289
Percentage AS Surfaced	99.33%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	2.267

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	2.022	603.591	2.461	22.765	6.570	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

FRANKLIN
35
COUNTY MILES SUMMARY

Secondary Miles	1,013.216	Rural Open Roads All Systems	1,084.751
Secondary Open Miles	1,010.001	Rural Primary Miles	74.750
Secondary Legal Not Open (LNO) Miles	3.215	Rural Open Surfaced Miles	1,072.333
Secondary Open Surfaced Miles	997.583	Total New/Resurfaced Rural Miles 2004	0.719
Secondary Open Not Surfaced Miles	12.418	Total Unknown Surface Type Rural Miles	3.176
Percentage Surfaced Secondary Roads	98.46%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	12.418	784.736	0.000	167.518	45.329	0.000
Total New/Resurfaced Miles 2004	0.000	0.447	0.000	0.000	0.272	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	372.358
FM Miles Open	372.358
FM Miles LNO	0.000
FM Miles Surfaced	372.358
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	0.272
FM in Municipalities Populated Under 500	9.048
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	167.307	0.000	161.128	43.924	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.272	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	640.858
AS Miles Open	637.643
AS Miles LNO	3.215
AS Miles Surfaced	625.225
AS Miles Not Surfaced	15.594
Percentage AS Surfaced	97.56%
Total New/Resurfaced AS Miles 2004	0.447
AS Miles Unknown Surface Type	3.176

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	12.418	617.430	0.000	6.390	1.405	0.000
Total New/Resurfaced Miles 2004	0.000	0.447	0.000	0.000	0.000	0.000

FREMONT
36
COUNTY MILES SUMMARY

Secondary Miles	788.027	Rural Open Roads All Systems	876.386
Secondary Open Miles	784.254	Rural Primary Miles	92.132
Secondary Legal Not Open (LNO) Miles	3.773	Rural Open Surfaced Miles	745.636
Secondary Open Surfaced Miles	653.504	Total New/Resurfaced Rural Miles 2004	0.431
Secondary Open Not Surfaced Miles	130.750	Total Unknown Surface Type Rural Miles	3.523
Percentage Surfaced Secondary Roads	82.93%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	130.750	446.408	107.455	57.359	37.225	5.058
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.431	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	285.495
FM Miles Open	285.495
FM Miles LNO	0.000
FM Miles Surfaced	285.495
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	0.000
FM in Municipalities Populated Under 500	3.680
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	90.153	103.024	53.966	33.294	5.058
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	502.533
AS Miles Open	498.760
AS Miles LNO	3.773
AS Miles Surfaced	368.010
AS Miles Not Surfaced	134.523
Percentage AS Surfaced	73.23%
Total New/Resurfaced AS Miles 2004	0.431
AS Miles Unknown Surface Type	3.523

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	130.750	356.255	4.431	3.393	3.931	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.431	0.000

GREENE

37

COUNTY MILES SUMMARY

Secondary Miles	965.817	Rural Open Roads All Systems	1,037.083
Secondary Open Miles	961.154	Rural Primary Miles	75.929
Secondary Legal Not Open (LNO) Miles	4.663	Rural Open Surfaced Miles	1,032.166
Secondary Open Surfaced Miles	956.237	Total New/Resurfaced Rural Miles 2004	11.818
Secondary Open Not Surfaced Miles	4.917	Total Unknown Surface Type Rural Miles	4.663
Percentage Surfaced Secondary Roads	99.01%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	4.917	743.306	0.000	21.648	191.284	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	11.818	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	320.875
FM Miles Open	320.875
FM Miles LNO	0.000
FM Miles Surfaced	320.875
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	11.818
FM in Municipalities Populated Under 500	5.409
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	109.354	0.000	21.083	190.439	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	11.818	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	644.942
AS Miles Open	640.279
AS Miles LNO	4.663
AS Miles Surfaced	635.362
AS Miles Not Surfaced	9.580
Percentage AS Surfaced	98.51%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	4.663

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	4.917	633.952	0.000	0.565	0.845	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

GRUNDY

38

COUNTY MILES SUMMARY

Secondary Miles	837.590	Rural Open Roads All Systems	913.397
Secondary Open Miles	837.298	Rural Primary Miles	76.099
Secondary Legal Not Open (LNO) Miles	0.292	Rural Open Surfaced Miles	900.054
Secondary Open Surfaced Miles	823.956	Total New/Resurfaced Rural Miles 2004	18.866
Secondary Open Not Surfaced Miles	13.343	Total Unknown Surface Type Rural Miles	0.292
Percentage Surfaced Secondary Roads	98.37%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	13.343	632.834	1.516	174.927	14.679	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	18.866	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	283.360
FM Miles Open	283.360
FM Miles LNO	0.000
FM Miles Surfaced	283.360
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	18.866
FM in Municipalities Populated Under 500	1.367
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	93.816	1.162	174.078	14.305	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	18.866	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	554.230
AS Miles Open	553.938
AS Miles LNO	0.292
AS Miles Surfaced	540.596
AS Miles Not Surfaced	13.635
Percentage AS Surfaced	97.54%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	0.292

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	13.343	539.019	0.354	0.849	0.374	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

GUTHRIE

39

COUNTY MILES SUMMARY

Secondary Miles	957.530	Rural Open Roads All Systems	1,026.999
Secondary Open Miles	948.640	Rural Primary Miles	78.359
Secondary Legal Not Open (LNO) Miles	8.890	Rural Open Surfaced Miles	958.399
Secondary Open Surfaced Miles	880.040	Total New/Resurfaced Rural Miles 2004	0.000
Secondary Open Not Surfaced Miles	68.601	Total Unknown Surface Type Rural Miles	8.890
Percentage Surfaced Secondary Roads	91.91%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	68.601	735.468	0.889	58.919	84.678	0.087
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	308.578
FM Miles Open	308.578
FM Miles LNO	0.000
FM Miles Surfaced	308.578
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	0.000
FM in Municipalities Populated Under 500	2.528
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	172.146	0.143	58.510	77.693	0.087
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	648.952
AS Miles Open	640.062
AS Miles LNO	8.890
AS Miles Surfaced	571.462
AS Miles Not Surfaced	77.491
Percentage AS Surfaced	88.06%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	8.890

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	68.601	563.322	0.746	0.409	6.985	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

HAMILTON
40
COUNTY MILES SUMMARY

Secondary Miles	933.272	Rural Open Roads All Systems	1,056.836
Secondary Open Miles	932.527	Rural Primary Miles	124.309
Secondary Legal Not Open (LNO) Miles	0.745	Rural Open Surfaced Miles	1,055.081
Secondary Open Surfaced Miles	930.772	Total New/Resurfaced Rural Miles 2004	5.041
Secondary Open Not Surfaced Miles	1.756	Total Unknown Surface Type Rural Miles	0.745
Percentage Surfaced Secondary Roads	99.73%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	1.756	717.832	0.000	179.972	32.968	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	5.041	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	341.693
FM Miles Open	341.693
FM Miles LNO	0.000
FM Miles Surfaced	341.693
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	5.041
FM in Municipalities Populated Under 500	2.692
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	130.367	0.000	178.688	32.638	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	5.041	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	591.580
AS Miles Open	590.835
AS Miles LNO	0.745
AS Miles Surfaced	589.079
AS Miles Not Surfaced	2.501
Percentage AS Surfaced	99.58%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	0.745

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	1.756	587.465	0.000	1.284	0.330	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

HANCOCK
41
COUNTY MILES SUMMARY

Secondary Miles	1,020.115	Rural Open Roads All Systems	1,064.435
Secondary Open Miles	1,014.146	Rural Primary Miles	50.290
Secondary Legal Not Open (LNO) Miles	5.969	Rural Open Surfaced Miles	1,058.501
Secondary Open Surfaced Miles	1,008.212	Total New/Resurfaced Rural Miles 2004	15.193
Secondary Open Not Surfaced Miles	5.934	Total Unknown Surface Type Rural Miles	5.838
Percentage Surfaced Secondary Roads	98.83%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	5.934	755.874	1.178	218.773	32.387	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	15.193	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	317.618
FM Miles Open	317.618
FM Miles LNO	0.131
FM Miles Surfaced	317.618
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	15.193
FM in Municipalities Populated Under 500	4.395
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	75.811	0.329	210.852	30.626	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	15.193	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	702.366
AS Miles Open	696.528
AS Miles LNO	5.838
AS Miles Surfaced	690.594
AS Miles Not Surfaced	11.772
Percentage AS Surfaced	98.32%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	5.838

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	5.934	680.063	0.849	7.921	1.761	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

HARDIN
42
COUNTY MILES SUMMARY

Secondary Miles	1,011.996	Rural Open Roads All Systems	1,084.017
Secondary Open Miles	1,008.726	Rural Primary Miles	75.291
Secondary Legal Not Open (LNO) Miles	3.270	Rural Open Surfaced Miles	1,079.485
Secondary Open Surfaced Miles	1,004.194	Total New/Resurfaced Rural Miles 2004	14.800
Secondary Open Not Surfaced Miles	4.532	Total Unknown Surface Type Rural Miles	2.356
Percentage Surfaced Secondary Roads	99.23%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	4.532	784.180	3.903	188.191	27.920	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	14.800	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	395.183
FM Miles Open	395.183
FM Miles LNO	0.000
FM Miles Surfaced	395.183
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	6.260
FM in Municipalities Populated Under 500	8.837
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	180.489	2.218	184.557	27.920	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	6.260	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	616.813
AS Miles Open	613.543
AS Miles LNO	3.270
AS Miles Surfaced	609.011
AS Miles Not Surfaced	7.565
Percentage AS Surfaced	98.74%
Total New/Resurfaced AS Miles 2004	8.540
AS Miles Unknown Surface Type	2.356

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	4.532	603.692	1.685	3.634	0.000	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	8.540	0.000	0.000

HARRISON
43
COUNTY MILES SUMMARY

Secondary Miles	1,119.181	Rural Open Roads All Systems	1,210.023
Secondary Open Miles	1,100.599	Rural Primary Miles	109.424
Secondary Legal Not Open (LNO) Miles	18.582	Rural Open Surfaced Miles	1,070.363
Secondary Open Surfaced Miles	960.939	Total New/Resurfaced Rural Miles 2004	2.889
Secondary Open Not Surfaced Miles	139.660	Total Unknown Surface Type Rural Miles	17.252
Percentage Surfaced Secondary Roads	85.86%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	139.660	793.360	59.654	71.256	36.669	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.162	2.727	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	367.263
FM Miles Open	367.263
FM Miles LNO	0.000
FM Miles Surfaced	367.045
FM Miles Not Surfaced	0.218
Percentage FM Surfaced	99.94%
Total New/Resurfaced FM Miles 2004	2.727
FM in Municipalities Populated Under 500	6.060
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.218	206.859	52.714	70.857	36.616	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	2.727	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	751.918
AS Miles Open	733.336
AS Miles LNO	18.582
AS Miles Surfaced	593.894
AS Miles Not Surfaced	158.024
Percentage AS Surfaced	78.98%
Total New/Resurfaced AS Miles 2004	0.162
AS Miles Unknown Surface Type	17.252

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	139.442	586.502	6.940	0.399	0.053	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.162	0.000	0.000

HENRY
44
COUNTY MILES SUMMARY

Secondary Miles	750.569	Rural Open Roads All Systems	811.823
Secondary Open Miles	746.983	Rural Primary Miles	64.840
Secondary Legal Not Open (LNO) Miles	3.587	Rural Open Surfaced Miles	745.046
Secondary Open Surfaced Miles	680.206	Total New/Resurfaced Rural Miles 2004	0.546
Secondary Open Not Surfaced Miles	66.777	Total Unknown Surface Type Rural Miles	3.587
Percentage Surfaced Secondary Roads	90.63%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	66.777	550.391	1.528	88.567	39.455	0.265
Total New/Resurfaced Miles 2004	0.000	0.000	0.546	0.000	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	274.171
FM Miles Open	274.171
FM Miles LNO	0.620
FM Miles Surfaced	274.171
FM Miles Not Surfaced	0.620
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	0.000
FM in Municipalities Populated Under 500	4.635
FM Miles Unknown Surface Type	0.620

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	160.683	0.261	83.748	29.479	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	475.779
AS Miles Open	472.812
AS Miles LNO	2.967
AS Miles Surfaced	406.036
AS Miles Not Surfaced	69.744
Percentage AS Surfaced	85.34%
Total New/Resurfaced AS Miles 2004	0.546
AS Miles Unknown Surface Type	2.967

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	66.777	389.709	1.267	4.819	9.976	0.265
Total New/Resurfaced Miles 2004	0.000	0.000	0.546	0.000	0.000	0.000

HOWARD
45
COUNTY MILES SUMMARY

Secondary Miles	761.484	Rural Open Roads All Systems	800.547
Secondary Open Miles	757.713	Rural Primary Miles	42.834
Secondary Legal Not Open (LNO) Miles	3.771	Rural Open Surfaced Miles	798.817
Secondary Open Surfaced Miles	755.983	Total New/Resurfaced Rural Miles 2004	3.002
Secondary Open Not Surfaced Miles	1.730	Total Unknown Surface Type Rural Miles	3.671
Percentage Surfaced Secondary Roads	99.28%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	1.730	638.281	4.224	107.305	6.174	0.000
Total New/Resurfaced Miles 2004	0.000	3.002	0.000	0.000	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	245.296
FM Miles Open	245.296
FM Miles LNO	0.000
FM Miles Surfaced	245.296
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	3.002
FM in Municipalities Populated Under 500	3.996
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	131.571	2.030	105.801	5.894	0.000
Total New/Resurfaced Miles 2004	0.000	3.002	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	516.189
AS Miles Open	512.418
AS Miles LNO	3.771
AS Miles Surfaced	510.688
AS Miles Not Surfaced	5.401
Percentage AS Surfaced	98.93%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	3.671

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	1.730	506.710	2.194	1.504	0.280	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

HUMBOLDT
46
COUNTY MILES SUMMARY

Secondary Miles	724.602	Rural Open Roads All Systems	767.226
Secondary Open Miles	723.825	Rural Primary Miles	43.402
Secondary Legal Not Open (LNO) Miles	0.777	Rural Open Surfaced Miles	766.568
Secondary Open Surfaced Miles	723.166	Total New/Resurfaced Rural Miles 2004	9.866
Secondary Open Not Surfaced Miles	0.659	Total Unknown Surface Type Rural Miles	0.777
Percentage Surfaced Secondary Roads	99.80%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.659	519.331	0.249	202.885	0.702	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	9.866	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	210.966
FM Miles Open	210.966
FM Miles LNO	0.000
FM Miles Surfaced	210.966
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	7.852
FM in Municipalities Populated Under 500	10.716
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	20.529	0.000	189.735	0.702	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	7.852	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	513.636
AS Miles Open	512.859
AS Miles LNO	0.777
AS Miles Surfaced	512.201
AS Miles Not Surfaced	1.436
Percentage AS Surfaced	99.72%
Total New/Resurfaced AS Miles 2004	2.014
AS Miles Unknown Surface Type	0.777

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.659	498.802	0.249	13.150	0.000	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	2.014	0.000	0.000

IDA
47
COUNTY MILES SUMMARY

Secondary Miles	734.383	Rural Open Roads All Systems	786.960
Secondary Open Miles	726.415	Rural Primary Miles	60.545
Secondary Legal Not Open (LNO) Miles	7.968	Rural Open Surfaced Miles	736.577
Secondary Open Surfaced Miles	676.032	Total New/Resurfaced Rural Miles 2004	15.600
Secondary Open Not Surfaced Miles	50.383	Total Unknown Surface Type Rural Miles	7.968
Percentage Surfaced Secondary Roads	92.05%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	50.383	549.922	0.000	60.557	65.553	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	15.600	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	225.943
FM Miles Open	225.943
FM Miles LNO	0.000
FM Miles Surfaced	225.943
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	15.600
FM in Municipalities Populated Under 500	1.610
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	105.182	0.000	60.408	60.353	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	15.600	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	508.440
AS Miles Open	500.472
AS Miles LNO	7.968
AS Miles Surfaced	450.089
AS Miles Not Surfaced	58.351
Percentage AS Surfaced	88.52%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	7.968

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	50.383	444.740	0.000	0.149	5.200	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

IOWA
48
COUNTY MILES SUMMARY

Secondary Miles	939.484	Rural Open Roads All Systems	1,034.075
Secondary Open Miles	930.483	Rural Primary Miles	103.592
Secondary Legal Not Open (LNO) Miles	9.001	Rural Open Surfaced Miles	959.399
Secondary Open Surfaced Miles	855.807	Total New/Resurfaced Rural Miles 2004	4.861
Secondary Open Not Surfaced Miles	74.677	Total Unknown Surface Type Rural Miles	9.001
Percentage Surfaced Secondary Roads	91.09%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	74.677	699.661	3.680	51.906	100.561	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	4.743	0.118	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	356.517
FM Miles Open	356.517
FM Miles LNO	0.000
FM Miles Surfaced	356.125
FM Miles Not Surfaced	0.392
Percentage FM Surfaced	99.89%
Total New/Resurfaced FM Miles 2004	4.861
FM in Municipalities Populated Under 500	1.146
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.392	213.207	3.136	45.185	94.598	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	4.743	0.118	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	582.968
AS Miles Open	573.967
AS Miles LNO	9.001
AS Miles Surfaced	499.682
AS Miles Not Surfaced	83.286
Percentage AS Surfaced	85.71%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	9.001

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	74.285	486.454	0.544	6.722	5.963	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

JACKSON

49

COUNTY MILES SUMMARY

Secondary Miles	851.086	Rural Open Roads All Systems	948.138
Secondary Open Miles	844.844	Rural Primary Miles	103.294
Secondary Legal Not Open (LNO) Miles	6.242	Rural Open Surfaced Miles	910.148
Secondary Open Surfaced Miles	806.854	Total New/Resurfaced Rural Miles 2004	6.776
Secondary Open Not Surfaced Miles	37.990	Total Unknown Surface Type Rural Miles	6.242
Percentage Surfaced Secondary Roads	94.80%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	37.990	622.655	5.738	49.981	128.481	0.000
Total New/Resurfaced Miles 2004	0.000	6.565	0.000	0.000	0.211	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	344.519
FM Miles Open	344.519
FM Miles LNO	0.000
FM Miles Surfaced	343.102
FM Miles Not Surfaced	1.417
Percentage FM Surfaced	99.59%
Total New/Resurfaced FM Miles 2004	5.700
FM in Municipalities Populated Under 500	8.583
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	1.417	175.942	1.816	42.341	123.004	0.000
Total New/Resurfaced Miles 2004	0.000	5.700	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	506.568
AS Miles Open	500.326
AS Miles LNO	6.242
AS Miles Surfaced	463.753
AS Miles Not Surfaced	42.815
Percentage AS Surfaced	91.55%
Total New/Resurfaced AS Miles 2004	1.076
AS Miles Unknown Surface Type	6.242

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	36.573	446.714	3.922	7.640	5.477	0.000
Total New/Resurfaced Miles 2004	0.000	0.865	0.000	0.000	0.211	0.000

JASPER
50
COUNTY MILES SUMMARY

Secondary Miles	1,233.648	Rural Open Roads All Systems	1,353.152
Secondary Open Miles	1,226.537	Rural Primary Miles	126.615
Secondary Legal Not Open (LNO) Miles	7.111	Rural Open Surfaced Miles	1,304.742
Secondary Open Surfaced Miles	1,178.127	Total New/Resurfaced Rural Miles 2004	22.619
Secondary Open Not Surfaced Miles	48.411	Total Unknown Surface Type Rural Miles	7.111
Percentage Surfaced Secondary Roads	95.50%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	48.411	942.279	14.680	138.972	82.197	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	22.619	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	408.296
FM Miles Open	408.296
FM Miles LNO	0.000
FM Miles Surfaced	408.296
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	19.727
FM in Municipalities Populated Under 500	3.129
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	209.230	2.207	120.285	76.574	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	19.727	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	825.353
AS Miles Open	818.242
AS Miles LNO	7.111
AS Miles Surfaced	769.831
AS Miles Not Surfaced	55.522
Percentage AS Surfaced	93.27%
Total New/Resurfaced AS Miles 2004	2.892
AS Miles Unknown Surface Type	7.111

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	48.411	733.049	12.473	18.687	5.623	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	2.892	0.000	0.000

JEFFERSON
51
COUNTY MILES SUMMARY

Secondary Miles	756.058	Rural Open Roads All Systems	796.575
Secondary Open Miles	756.058	Rural Primary Miles	40.517
Secondary Legal Not Open (LNO) Miles	0.000	Rural Open Surfaced Miles	697.617
Secondary Open Surfaced Miles	657.100	Total New/Resurfaced Rural Miles 2004	0.000
Secondary Open Not Surfaced Miles	98.959	Total Unknown Surface Type Rural Miles	0.000
Percentage Surfaced Secondary Roads	86.91%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	98.959	512.651	11.489	68.694	64.266	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	289.503
FM Miles Open	289.503
FM Miles LNO	0.000
FM Miles Surfaced	287.607
FM Miles Not Surfaced	1.896
Percentage FM Surfaced	99.35%
Total New/Resurfaced FM Miles 2004	0.000
FM in Municipalities Populated Under 500	6.134
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	1.896	159.253	8.711	59.613	60.030	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	466.556
AS Miles Open	466.556
AS Miles LNO	0.000
AS Miles Surfaced	369.493
AS Miles Not Surfaced	97.063
Percentage AS Surfaced	79.20%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	97.063	353.398	2.778	9.081	4.236	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

JOHNSON

52

COUNTY MILES SUMMARY

Secondary Miles	933.715	Rural Open Roads All Systems	1,024.261
Secondary Open Miles	931.934	Rural Primary Miles	92.327
Secondary Legal Not Open (LNO) Miles	1.782	Rural Open Surfaced Miles	981.852
Secondary Open Surfaced Miles	889.525	Total New/Resurfaced Rural Miles 2004	1.756
Secondary Open Not Surfaced Miles	42.409	Total Unknown Surface Type Rural Miles	1.782
Percentage Surfaced Secondary Roads	95.27%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	42.389	593.276	121.679	154.953	19.618	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	1.756	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	324.751
FM Miles Open	324.751
FM Miles LNO	0.000
FM Miles Surfaced	324.751
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	1.756
FM in Municipalities Populated Under 500	2.027
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	70.185	90.824	148.454	15.289	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	1.756	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	608.964
AS Miles Open	607.183
AS Miles LNO	1.782
AS Miles Surfaced	564.774
AS Miles Not Surfaced	44.191
Percentage AS Surfaced	92.74%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	1.782

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	42.389	523.091	30.855	6.499	4.329	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

JONES

53

COUNTY MILES SUMMARY

Secondary Miles	850.443	Rural Open Roads All Systems	946.679
Secondary Open Miles	846.198	Rural Primary Miles	100.481
Secondary Legal Not Open (LNO) Miles	4.245	Rural Open Surfaced Miles	917.927
Secondary Open Surfaced Miles	817.446	Total New/Resurfaced Rural Miles 2004	2.722
Secondary Open Not Surfaced Miles	28.753	Total Unknown Surface Type Rural Miles	4.134
Percentage Surfaced Secondary Roads	96.12%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	28.753	656.072	2.458	21.067	137.849	0.000
Total New/Resurfaced Miles 2004	0.491	0.000	0.000	2.231	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	313.069
FM Miles Open	313.069
FM Miles LNO	0.000
FM Miles Surfaced	311.409
FM Miles Not Surfaced	1.660
Percentage FM Surfaced	99.47%
Total New/Resurfaced FM Miles 2004	0.491
FM in Municipalities Populated Under 500	1.387
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	1.660	168.259	0.480	8.976	133.695	0.000
Total New/Resurfaced Miles 2004	0.491	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	537.374
AS Miles Open	533.129
AS Miles LNO	4.245
AS Miles Surfaced	506.037
AS Miles Not Surfaced	31.227
Percentage AS Surfaced	94.17%
Total New/Resurfaced AS Miles 2004	2.231
AS Miles Unknown Surface Type	4.134

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	27.093	487.814	1.978	12.091	4.155	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	2.231	0.000	0.000

KEOKUK

54

COUNTY MILES SUMMARY

Secondary Miles	933.605	Rural Open Roads All Systems	1,039.796
Secondary Open Miles	928.919	Rural Primary Miles	110.877
Secondary Legal Not Open (LNO) Miles	4.687	Rural Open Surfaced Miles	940.224
Secondary Open Surfaced Miles	829.347	Total New/Resurfaced Rural Miles 2004	2.952
Secondary Open Not Surfaced Miles	99.572	Total Unknown Surface Type Rural Miles	4.687
Percentage Surfaced Secondary Roads	88.83%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	99.572	734.265	0.827	6.782	87.473	0.000
Total New/Resurfaced Miles 2004	0.000	1.938	0.000	0.000	1.014	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	327.055
FM Miles Open	327.055
FM Miles LNO	0.000
FM Miles Surfaced	327.055
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	2.008
FM in Municipalities Populated Under 500	6.818
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	233.080	0.249	6.751	86.976	0.000
Total New/Resurfaced Miles 2004	0.000	0.994	0.000	0.000	1.014	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	606.550
AS Miles Open	601.864
AS Miles LNO	4.687
AS Miles Surfaced	502.292
AS Miles Not Surfaced	104.259
Percentage AS Surfaced	82.81%
Total New/Resurfaced AS Miles 2004	0.944
AS Miles Unknown Surface Type	4.687

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	99.572	501.186	0.578	0.031	0.497	0.000
Total New/Resurfaced Miles 2004	0.000	0.944	0.000	0.000	0.000	0.000

KOSSUTH
55
COUNTY MILES SUMMARY

Secondary Miles	1,657.843	Rural Open Roads All Systems	1,767.049
Secondary Open Miles	1,656.361	Rural Primary Miles	110.688
Secondary Legal Not Open (LNO) Miles	1.482	Rural Open Surfaced Miles	1,732.671
Secondary Open Surfaced Miles	1,621.984	Total New/Resurfaced Rural Miles 2004	25.816
Secondary Open Not Surfaced Miles	34.378	Total Unknown Surface Type Rural Miles	1.482
Percentage Surfaced Secondary Roads	97.84%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	34.378	1,115.501	0.162	502.205	4.116	0.000
Total New/Resurfaced Miles 2004	3.512	0.000	0.000	22.304	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	478.630
FM Miles Open	478.630
FM Miles LNO	0.000
FM Miles Surfaced	478.630
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	18.142
FM in Municipalities Populated Under 500	2.962
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	65.404	0.000	411.932	1.294	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	18.142	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	1,179.214
AS Miles Open	1,177.732
AS Miles LNO	1.482
AS Miles Surfaced	1,143.354
AS Miles Not Surfaced	35.860
Percentage AS Surfaced	96.96%
Total New/Resurfaced AS Miles 2004	7.674
AS Miles Unknown Surface Type	1.482

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	34.378	1,050.098	0.162	90.273	2.822	0.000
Total New/Resurfaced Miles 2004	3.512	0.000	0.000	4.162	0.000	0.000

LEE
56
COUNTY MILES SUMMARY

Secondary Miles	720.815	Rural Open Roads All Systems	830.765
Secondary Open Miles	718.930	Rural Primary Miles	111.835
Secondary Legal Not Open (LNO) Miles	1.885	Rural Open Surfaced Miles	819.791
Secondary Open Surfaced Miles	707.956	Total New/Resurfaced Rural Miles 2004	28.300
Secondary Open Not Surfaced Miles	10.975	Total Unknown Surface Type Rural Miles	1.886
Percentage Surfaced Secondary Roads	98.22%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	10.374	529.562	28.392	95.722	54.880	0.000
Total New/Resurfaced Miles 2004	7.024	0.479	0.000	20.797	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	287.799
FM Miles Open	287.799
FM Miles LNO	0.000
FM Miles Surfaced	287.799
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	9.931
FM in Municipalities Populated Under 500	1.689
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	138.782	14.094	86.987	47.936	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	9.931	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	433.016
AS Miles Open	431.131
AS Miles LNO	1.885
AS Miles Surfaced	420.757
AS Miles Not Surfaced	12.860
Percentage AS Surfaced	97.17%
Total New/Resurfaced AS Miles 2004	18.369
AS Miles Unknown Surface Type	1.886

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	10.374	390.780	14.298	8.735	6.944	0.000
Total New/Resurfaced Miles 2004	7.024	0.479	0.000	10.866	0.000	0.000

LINN
57
COUNTY MILES SUMMARY

Secondary Miles	1,168.384	Rural Open Roads All Systems	1,247.203
Secondary Open Miles	1,157.856	Rural Primary Miles	89.347
Secondary Legal Not Open (LNO) Miles	10.528	Rural Open Surfaced Miles	1,228.981
Secondary Open Surfaced Miles	1,139.634	Total New/Resurfaced Rural Miles 2004	20.328
Secondary Open Not Surfaced Miles	18.222	Total Unknown Surface Type Rural Miles	10.528
Percentage Surfaced Secondary Roads	97.54%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	17.368	779.469	93.899	217.243	49.877	0.000
Total New/Resurfaced Miles 2004	0.000	1.320	7.931	6.641	4.436	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	348.881
FM Miles Open	348.881
FM Miles LNO	0.000
FM Miles Surfaced	348.881
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	15.875
FM in Municipalities Populated Under 500	0.976
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	84.352	48.243	172.426	43.861	0.000
Total New/Resurfaced Miles 2004	0.000	1.250	4.108	6.361	4.156	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	819.503
AS Miles Open	808.975
AS Miles LNO	10.528
AS Miles Surfaced	791.607
AS Miles Not Surfaced	32.066
Percentage AS Surfaced	96.60%
Total New/Resurfaced AS Miles 2004	4.453
AS Miles Unknown Surface Type	10.528

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	17.368	695.117	45.656	44.818	6.017	0.000
Total New/Resurfaced Miles 2004	0.000	0.070	3.823	0.280	0.280	0.000

LOUISA
58
COUNTY MILES SUMMARY

Secondary Miles	589.584	Rural Open Roads All Systems	631.478
Secondary Open Miles	587.253	Rural Primary Miles	44.225
Secondary Legal Not Open (LNO) Miles	2.331	Rural Open Surfaced Miles	592.736
Secondary Open Surfaced Miles	548.511	Total New/Resurfaced Rural Miles 2004	4.090
Secondary Open Not Surfaced Miles	38.743	Total Unknown Surface Type Rural Miles	2.331
Percentage Surfaced Secondary Roads	93.03%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	38.743	410.404	6.775	40.679	90.653	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	4.090	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	242.087
FM Miles Open	242.087
FM Miles LNO	0.000
FM Miles Surfaced	242.087
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	4.090
FM in Municipalities Populated Under 500	3.708
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	129.412	0.920	25.157	86.598	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	4.090	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	347.497
AS Miles Open	345.166
AS Miles LNO	2.331
AS Miles Surfaced	306.424
AS Miles Not Surfaced	41.074
Percentage AS Surfaced	88.18%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	2.331

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	38.743	280.992	5.855	15.522	4.055	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

LUCAS

59

COUNTY MILES SUMMARY

Secondary Miles	632.087	Rural Open Roads All Systems	688.217
Secondary Open Miles	628.365	Rural Primary Miles	59.852
Secondary Legal Not Open (LNO) Miles	3.722	Rural Open Surfaced Miles	601.156
Secondary Open Surfaced Miles	541.304	Total New/Resurfaced Rural Miles 2004	0.522
Secondary Open Not Surfaced Miles	87.061	Total Unknown Surface Type Rural Miles	3.722
Percentage Surfaced Secondary Roads	85.64%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	87.061	489.380	1.081	15.931	34.912	0.000
Total New/Resurfaced Miles 2004	0.522	0.000	0.000	0.000	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	215.907
FM Miles Open	215.907
FM Miles LNO	0.000
FM Miles Surfaced	215.907
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	0.000
FM in Municipalities Populated Under 500	2.200
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	164.285	1.081	15.931	34.610	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	416.180
AS Miles Open	412.458
AS Miles LNO	3.722
AS Miles Surfaced	325.397
AS Miles Not Surfaced	90.845
Percentage AS Surfaced	78.19%
Total New/Resurfaced AS Miles 2004	0.522
AS Miles Unknown Surface Type	3.722

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	87.061	325.095	0.000	0.000	0.302	0.000
Total New/Resurfaced Miles 2004	0.522	0.000	0.000	0.000	0.000	0.000

LYON
60
COUNTY MILES SUMMARY

Secondary Miles	1,012.349	Rural Open Roads All Systems	1,075.469
Secondary Open Miles	1,010.695	Rural Primary Miles	64.774
Secondary Legal Not Open (LNO) Miles	1.654	Rural Open Surfaced Miles	1,071.771
Secondary Open Surfaced Miles	1,006.997	Total New/Resurfaced Rural Miles 2004	20.425
Secondary Open Not Surfaced Miles	3.698	Total Unknown Surface Type Rural Miles	1.654
Percentage Surfaced Secondary Roads	99.47%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	3.698	754.996	0.491	251.324	0.186	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	20.425	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	328.953
FM Miles Open	328.953
FM Miles LNO	0.000
FM Miles Surfaced	328.953
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	20.425
FM in Municipalities Populated Under 500	3.485
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	89.109	0.491	239.167	0.186	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	20.425	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	683.396
AS Miles Open	681.742
AS Miles LNO	1.654
AS Miles Surfaced	678.045
AS Miles Not Surfaced	5.352
Percentage AS Surfaced	99.22%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	1.654

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	3.698	665.888	0.000	12.157	0.000	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

MADISON
61
COUNTY MILES SUMMARY

Secondary Miles	919.013	Rural Open Roads All Systems	961.586
Secondary Open Miles	911.579	Rural Primary Miles	50.007
Secondary Legal Not Open (LNO) Miles	7.434	Rural Open Surfaced Miles	915.681
Secondary Open Surfaced Miles	865.674	Total New/Resurfaced Rural Miles 2004	2.076
Secondary Open Not Surfaced Miles	45.906	Total Unknown Surface Type Rural Miles	7.434
Percentage Surfaced Secondary Roads	94.20%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	45.906	750.464	3.574	60.066	51.570	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	2.076	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	325.655
FM Miles Open	325.655
FM Miles LNO	0.000
FM Miles Surfaced	325.655
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	2.076
FM in Municipalities Populated Under 500	6.590
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	210.514	3.574	60.066	51.502	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	2.076	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	593.358
AS Miles Open	585.924
AS Miles LNO	7.434
AS Miles Surfaced	540.019
AS Miles Not Surfaced	53.858
Percentage AS Surfaced	91.01%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	7.434

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	45.906	539.951	0.000	0.000	0.068	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

MAHASKA
62
COUNTY MILES SUMMARY

Secondary Miles	989.345	Rural Open Roads All Systems	1,053.442
Secondary Open Miles	973.437	Rural Primary Miles	80.005
Secondary Legal Not Open (LNO) Miles	15.909	Rural Open Surfaced Miles	1,020.893
Secondary Open Surfaced Miles	940.888	Total New/Resurfaced Rural Miles 2004	3.941
Secondary Open Not Surfaced Miles	32.549	Total Unknown Surface Type Rural Miles	12.239
Percentage Surfaced Secondary Roads	95.10%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	32.549	816.061	0.000	44.675	80.152	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	3.941	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	300.280
FM Miles Open	300.280
FM Miles LNO	0.000
FM Miles Surfaced	300.280
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	0.000
FM in Municipalities Populated Under 500	2.259
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	203.790	0.000	41.942	54.548	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	689.066
AS Miles Open	673.157
AS Miles LNO	15.909
AS Miles Surfaced	640.608
AS Miles Not Surfaced	47.704
Percentage AS Surfaced	92.97%
Total New/Resurfaced AS Miles 2004	3.941
AS Miles Unknown Surface Type	12.239

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	32.549	612.271	0.000	2.733	25.604	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	3.941	0.000

MARION
63
COUNTY MILES SUMMARY

Secondary Miles	879.173	Rural Open Roads All Systems	953.146
Secondary Open Miles	869.822	Rural Primary Miles	83.325
Secondary Legal Not Open (LNO) Miles	9.352	Rural Open Surfaced Miles	910.196
Secondary Open Surfaced Miles	826.871	Total New/Resurfaced Rural Miles 2004	2.904
Secondary Open Not Surfaced Miles	42.951	Total Unknown Surface Type Rural Miles	8.112
Percentage Surfaced Secondary Roads	94.05%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	42.951	658.980	33.121	67.928	66.843	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	1.425	1.479	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	304.483
FM Miles Open	304.483
FM Miles LNO	0.068
FM Miles Surfaced	304.483
FM Miles Not Surfaced	0.068
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	1.479
FM in Municipalities Populated Under 500	3.562
FM Miles Unknown Surface Type	0.068

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	191.704	9.373	49.440	53.966	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	1.479	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	574.623
AS Miles Open	565.339
AS Miles LNO	9.284
AS Miles Surfaced	522.389
AS Miles Not Surfaced	51.053
Percentage AS Surfaced	90.91%
Total New/Resurfaced AS Miles 2004	1.425
AS Miles Unknown Surface Type	8.044

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	42.951	467.276	23.748	18.488	12.877	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	1.425	0.000	0.000	0.000

MARSHALL
64
COUNTY MILES SUMMARY

Secondary Miles	943.689	Rural Open Roads All Systems	1,023.628
Secondary Open Miles	938.423	Rural Primary Miles	85.205
Secondary Legal Not Open (LNO) Miles	5.266	Rural Open Surfaced Miles	1,002.077
Secondary Open Surfaced Miles	916.872	Total New/Resurfaced Rural Miles 2004	5.986
Secondary Open Not Surfaced Miles	21.551	Total Unknown Surface Type Rural Miles	4.981
Percentage Surfaced Secondary Roads	97.16%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	21.551	715.003	1.557	179.658	20.654	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	5.986	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	319.886
FM Miles Open	319.886
FM Miles LNO	0.012
FM Miles Surfaced	319.886
FM Miles Not Surfaced	0.012
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	5.986
FM in Municipalities Populated Under 500	7.247
FM Miles Unknown Surface Type	0.012

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	131.342	0.249	169.821	18.474	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	5.986	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	623.791
AS Miles Open	618.537
AS Miles LNO	5.254
AS Miles Surfaced	596.986
AS Miles Not Surfaced	26.520
Percentage AS Surfaced	95.70%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	4.969

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	21.551	583.662	1.308	9.837	2.180	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

MILLS

65

COUNTY MILES SUMMARY

Secondary Miles	680.082	Rural Open Roads All Systems	758.803
Secondary Open Miles	679.632	Rural Primary Miles	79.171
Secondary Legal Not Open (LNO) Miles	0.450	Rural Open Surfaced Miles	684.527
Secondary Open Surfaced Miles	605.356	Total New/Resurfaced Rural Miles 2004	3.335
Secondary Open Not Surfaced Miles	74.276	Total Unknown Surface Type Rural Miles	0.450
Percentage Surfaced Secondary Roads	89.01%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	74.276	443.721	79.922	38.507	43.126	0.081
Total New/Resurfaced Miles 2004	0.000	0.912	1.634	0.000	0.789	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	248.167
FM Miles Open	248.167
FM Miles LNO	0.000
FM Miles Surfaced	248.167
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	1.160
FM in Municipalities Populated Under 500	2.101
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	98.566	73.255	34.591	41.674	0.081
Total New/Resurfaced Miles 2004	0.000	0.663	0.497	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	431.915
AS Miles Open	431.465
AS Miles LNO	0.450
AS Miles Surfaced	357.190
AS Miles Not Surfaced	74.726
Percentage AS Surfaced	82.70%
Total New/Resurfaced AS Miles 2004	2.175
AS Miles Unknown Surface Type	0.450

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	74.276	345.155	6.667	3.916	1.452	0.000
Total New/Resurfaced Miles 2004	0.000	0.249	1.137	0.000	0.789	0.000

MITCHELL
66
COUNTY MILES SUMMARY

Secondary Miles	788.869	Rural Open Roads All Systems	836.535
Secondary Open Miles	786.174	Rural Primary Miles	50.361
Secondary Legal Not Open (LNO) Miles	2.695	Rural Open Surfaced Miles	831.779
Secondary Open Surfaced Miles	781.418	Total New/Resurfaced Rural Miles 2004	4.016
Secondary Open Not Surfaced Miles	4.756	Total Unknown Surface Type Rural Miles	1.694
Percentage Surfaced Secondary Roads	99.06%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	4.756	583.714	3.187	163.420	31.097	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	4.016	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	246.160
FM Miles Open	246.160
FM Miles LNO	0.000
FM Miles Surfaced	246.160
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	4.016
FM in Municipalities Populated Under 500	5.051
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	61.968	0.000	153.096	31.097	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	4.016	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	542.709
AS Miles Open	540.014
AS Miles LNO	2.695
AS Miles Surfaced	535.258
AS Miles Not Surfaced	7.451
Percentage AS Surfaced	98.63%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	1.694

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	4.756	521.747	3.187	10.324	0.000	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

MONONA
67
COUNTY MILES SUMMARY

Secondary Miles	1,073.221	Rural Open Roads All Systems	1,173.403
Secondary Open Miles	1,065.369	Rural Primary Miles	108.034
Secondary Legal Not Open (LNO) Miles	7.852	Rural Open Surfaced Miles	1,076.444
Secondary Open Surfaced Miles	968.410	Total New/Resurfaced Rural Miles 2004	8.060
Secondary Open Not Surfaced Miles	96.960	Total Unknown Surface Type Rural Miles	7.852
Percentage Surfaced Secondary Roads	90.23%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	96.960	777.475	1.857	111.770	77.308	0.000
Total New/Resurfaced Miles 2004	0.000	6.057	0.000	0.000	2.003	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	354.865
FM Miles Open	354.865
FM Miles LNO	0.000
FM Miles Surfaced	354.865
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	7.329
FM in Municipalities Populated Under 500	2.811
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	166.804	0.820	110.610	76.631	0.000
Total New/Resurfaced Miles 2004	0.000	5.326	0.000	0.000	2.003	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	718.356
AS Miles Open	710.504
AS Miles LNO	7.852
AS Miles Surfaced	613.545
AS Miles Not Surfaced	104.812
Percentage AS Surfaced	85.41%
Total New/Resurfaced AS Miles 2004	0.731
AS Miles Unknown Surface Type	7.852

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	96.960	610.671	1.037	1.160	0.677	0.000
Total New/Resurfaced Miles 2004	0.000	0.731	0.000	0.000	0.000	0.000

MONROE
68
COUNTY MILES SUMMARY

Secondary Miles	618.952	Rural Open Roads All Systems	651.397
Secondary Open Miles	598.542	Rural Primary Miles	52.855
Secondary Legal Not Open (LNO) Miles	20.410	Rural Open Surfaced Miles	608.598
Secondary Open Surfaced Miles	555.743	Total New/Resurfaced Rural Miles 2004	0.000
Secondary Open Not Surfaced Miles	42.799	Total Unknown Surface Type Rural Miles	20.171
Percentage Surfaced Secondary Roads	89.79%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	42.799	496.889	4.027	2.693	52.135	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	274.276
FM Miles Open	274.276
FM Miles LNO	0.000
FM Miles Surfaced	274.276
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	0.000
FM in Municipalities Populated Under 500	1.097
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	226.864	3.667	1.723	42.023	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	344.676
AS Miles Open	324.266
AS Miles LNO	20.410
AS Miles Surfaced	281.467
AS Miles Not Surfaced	62.970
Percentage AS Surfaced	81.66%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	20.171

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	42.799	270.025	0.360	0.970	10.112	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

MONTGOMERY
69
COUNTY MILES SUMMARY

Secondary Miles	721.330	Rural Open Roads All Systems	782.269
Secondary Open Miles	720.753	Rural Primary Miles	61.516
Secondary Legal Not Open (LNO) Miles	0.578	Rural Open Surfaced Miles	673.803
Secondary Open Surfaced Miles	612.287	Total New/Resurfaced Rural Miles 2004	0.000
Secondary Open Not Surfaced Miles	108.466	Total Unknown Surface Type Rural Miles	0.578
Percentage Surfaced Secondary Roads	84.88%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	108.466	503.720	1.977	74.991	31.599	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	225.305
FM Miles Open	225.305
FM Miles LNO	0.000
FM Miles Surfaced	225.305
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	0.000
FM in Municipalities Populated Under 500	1.281
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	121.131	1.846	71.750	30.579	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	496.025
AS Miles Open	495.448
AS Miles LNO	0.578
AS Miles Surfaced	386.982
AS Miles Not Surfaced	109.044
Percentage AS Surfaced	78.02%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	0.578

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	108.466	382.590	0.131	3.241	1.020	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

MUSCATINE
70
COUNTY MILES SUMMARY

Secondary Miles	614.425	Rural Open Roads All Systems	699.759
Secondary Open Miles	612.271	Rural Primary Miles	87.488
Secondary Legal Not Open (LNO) Miles	2.154	Rural Open Surfaced Miles	681.791
Secondary Open Surfaced Miles	594.303	Total New/Resurfaced Rural Miles 2004	0.911
Secondary Open Not Surfaced Miles	17.968	Total Unknown Surface Type Rural Miles	2.154
Percentage Surfaced Secondary Roads	96.73%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	17.968	412.553	44.999	97.050	39.701	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.911	0.000	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	224.803
FM Miles Open	224.803
FM Miles LNO	0.075
FM Miles Surfaced	224.803
FM Miles Not Surfaced	0.075
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	0.000
FM in Municipalities Populated Under 500	0.858
FM Miles Unknown Surface Type	0.075

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	79.329	23.580	83.398	38.496	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	389.548
AS Miles Open	387.469
AS Miles LNO	2.079
AS Miles Surfaced	369.501
AS Miles Not Surfaced	20.047
Percentage AS Surfaced	94.85%
Total New/Resurfaced AS Miles 2004	0.911
AS Miles Unknown Surface Type	2.079

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	17.968	333.225	21.419	13.652	1.205	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.911	0.000	0.000	0.000

O'BRIEN

71

COUNTY MILES SUMMARY

Secondary Miles	1,017.858	Rural Open Roads All Systems	1,088.253
Secondary Open Miles	1,011.127	Rural Primary Miles	77.126
Secondary Legal Not Open (LNO) Miles	6.731	Rural Open Surfaced Miles	1,032.835
Secondary Open Surfaced Miles	955.709	Total New/Resurfaced Rural Miles 2004	29.438
Secondary Open Not Surfaced Miles	55.418	Total Unknown Surface Type Rural Miles	6.731
Percentage Surfaced Secondary Roads	93.89%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	55.418	738.761	0.000	193.515	23.434	0.000
Total New/Resurfaced Miles 2004	3.002	0.500	0.000	25.541	0.395	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	313.124
FM Miles Open	313.124
FM Miles LNO	0.000
FM Miles Surfaced	313.124
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	24.407
FM in Municipalities Populated Under 500	0.634
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	100.099	0.000	189.972	23.054	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	24.012	0.395	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	704.734
AS Miles Open	698.003
AS Miles LNO	6.731
AS Miles Surfaced	642.585
AS Miles Not Surfaced	62.149
Percentage AS Surfaced	91.18%
Total New/Resurfaced AS Miles 2004	5.031
AS Miles Unknown Surface Type	6.731

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	55.418	638.662	0.000	3.543	0.380	0.000
Total New/Resurfaced Miles 2004	3.002	0.500	0.000	1.529	0.000	0.000

OSCEOLA

72

COUNTY MILES SUMMARY

Secondary Miles	724.534	Rural Open Roads All Systems	780.999
Secondary Open Miles	724.236	Rural Primary Miles	56.763
Secondary Legal Not Open (LNO) Miles	0.298	Rural Open Surfaced Miles	733.069
Secondary Open Surfaced Miles	676.306	Total New/Resurfaced Rural Miles 2004	14.052
Secondary Open Not Surfaced Miles	47.930	Total Unknown Surface Type Rural Miles	0.298
Percentage Surfaced Secondary Roads	93.34%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	47.930	478.107	0.000	187.717	10.482	0.000
Total New/Resurfaced Miles 2004	0.000	0.320	0.000	13.276	0.456	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	244.573
FM Miles Open	244.573
FM Miles LNO	0.000
FM Miles Surfaced	244.573
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	13.229
FM in Municipalities Populated Under 500	2.125
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	56.446	0.000	178.101	10.026	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	13.229	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	479.961
AS Miles Open	479.663
AS Miles LNO	0.298
AS Miles Surfaced	431.733
AS Miles Not Surfaced	48.228
Percentage AS Surfaced	89.95%
Total New/Resurfaced AS Miles 2004	0.823
AS Miles Unknown Surface Type	0.298

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	47.930	421.661	0.000	9.616	0.456	0.000
Total New/Resurfaced Miles 2004	0.000	0.320	0.000	0.047	0.456	0.000

PAGE**73****COUNTY MILES SUMMARY**

Secondary Miles	925.384	Rural Open Roads All Systems	983.074
Secondary Open Miles	921.563	Rural Primary Miles	61.512
Secondary Legal Not Open (LNO) Miles	3.822	Rural Open Surfaced Miles	825.625
Secondary Open Surfaced Miles	764.114	Total New/Resurfaced Rural Miles 2004	8.891
Secondary Open Not Surfaced Miles	157.449	Total Unknown Surface Type Rural Miles	3.822
Percentage Surfaced Secondary Roads	82.57%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	157.413	552.271	109.801	46.495	55.583	0.000
Total New/Resurfaced Miles 2004	1.953	2.990	0.000	0.000	3.948	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	326.710
FM Miles Open	326.710
FM Miles LNO	0.000
FM Miles Surfaced	326.710
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	3.948
FM in Municipalities Populated Under 500	6.191
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	121.699	106.371	45.211	53.430	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	3.948	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	598.674
AS Miles Open	594.853
AS Miles LNO	3.822
AS Miles Surfaced	437.440
AS Miles Not Surfaced	161.271
Percentage AS Surfaced	73.07%
Total New/Resurfaced AS Miles 2004	4.943
AS Miles Unknown Surface Type	3.822

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	157.413	430.573	3.430	1.284	2.153	0.000
Total New/Resurfaced Miles 2004	1.953	2.990	0.000	0.000	0.000	0.000

PALO ALTO
74
COUNTY MILES SUMMARY

Secondary Miles	952.456	Rural Open Roads All Systems	1,002.506
Secondary Open Miles	949.027	Rural Primary Miles	53.479
Secondary Legal Not Open (LNO) Miles	3.429	Rural Open Surfaced Miles	1,002.136
Secondary Open Surfaced Miles	948.658	Total New/Resurfaced Rural Miles 2004	2.990
Secondary Open Not Surfaced Miles	0.370	Total Unknown Surface Type Rural Miles	2.992
Percentage Surfaced Secondary Roads	99.60%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.370	770.502	0.876	21.632	155.648	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	2.990	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	312.377
FM Miles Open	312.377
FM Miles LNO	0.000
FM Miles Surfaced	312.377
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	2.990
FM in Municipalities Populated Under 500	4.088
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	143.357	0.323	19.816	148.881	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	2.990	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	640.080
AS Miles Open	636.651
AS Miles LNO	3.429
AS Miles Surfaced	636.281
AS Miles Not Surfaced	3.799
Percentage AS Surfaced	99.41%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	2.992

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.370	627.145	0.553	1.816	6.767	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

PLYMOUTH
75
COUNTY MILES SUMMARY

Secondary Miles	1,428.268	Rural Open Roads All Systems	1,535.575
Secondary Open Miles	1,425.230	Rural Primary Miles	110.345
Secondary Legal Not Open (LNO) Miles	3.039	Rural Open Surfaced Miles	1,491.895
Secondary Open Surfaced Miles	1,381.550	Total New/Resurfaced Rural Miles 2004	10.035
Secondary Open Not Surfaced Miles	43.680	Total Unknown Surface Type Rural Miles	3.039
Percentage Surfaced Secondary Roads	96.73%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	43.680	1,021.814	0.848	263.645	95.243	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	10.035	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	365.302
FM Miles Open	365.302
FM Miles LNO	0.000
FM Miles Surfaced	365.302
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	10.035
FM in Municipalities Populated Under 500	0.988
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	24.524	0.000	250.200	90.578	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	10.035	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	1,062.967
AS Miles Open	1,059.928
AS Miles LNO	3.039
AS Miles Surfaced	1,016.248
AS Miles Not Surfaced	46.719
Percentage AS Surfaced	95.60%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	3.039

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	43.680	997.290	0.848	13.445	4.665	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

POCAHONTAS
76
COUNTY MILES SUMMARY

Secondary Miles	1,008.101	Rural Open Roads All Systems	1,091.972
Secondary Open Miles	1,007.808	Rural Primary Miles	84.164
Secondary Legal Not Open (LNO) Miles	0.293	Rural Open Surfaced Miles	1,074.156
Secondary Open Surfaced Miles	989.992	Total New/Resurfaced Rural Miles 2004	6.402
Secondary Open Not Surfaced Miles	17.816	Total Unknown Surface Type Rural Miles	0.293
Percentage Surfaced Secondary Roads	98.20%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	17.816	794.809	0.000	87.349	107.835	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	6.402	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	309.709
FM Miles Open	309.709
FM Miles LNO	0.000
FM Miles Surfaced	309.709
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	6.402
FM in Municipalities Populated Under 500	3.917
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	122.362	0.000	86.118	101.229	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	6.402	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	698.393
AS Miles Open	698.100
AS Miles LNO	0.293
AS Miles Surfaced	680.284
AS Miles Not Surfaced	18.109
Percentage AS Surfaced	97.41%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	0.293

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	17.816	672.447	0.000	1.231	6.606	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

POLK
77
COUNTY MILES SUMMARY

Secondary Miles	769.118	Rural Open Roads All Systems	873.488
Secondary Open Miles	763.073	Rural Primary Miles	110.415
Secondary Legal Not Open (LNO) Miles	6.045	Rural Open Surfaced Miles	871.748
Secondary Open Surfaced Miles	761.333	Total New/Resurfaced Rural Miles 2004	51.116
Secondary Open Not Surfaced Miles	1.740	Total Unknown Surface Type Rural Miles	5.854
Percentage Surfaced Secondary Roads	98.99%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	1.740	203.153	92.645	432.583	32.934	0.019
Total New/Resurfaced Miles 2004	0.000	0.000	12.668	36.093	2.355	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	341.814
FM Miles Open	341.814
FM Miles LNO	0.025
FM Miles Surfaced	341.814
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	30.110
FM in Municipalities Populated Under 500	4.561
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	27.783	35.449	274.636	3.927	0.019
Total New/Resurfaced Miles 2004	0.000	0.000	7.919	22.191	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	427.279
AS Miles Open	421.259
AS Miles LNO	6.020
AS Miles Surfaced	419.519
AS Miles Not Surfaced	9.438
Percentage AS Surfaced	98.18%
Total New/Resurfaced AS Miles 2004	21.006
AS Miles Unknown Surface Type	5.854

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	1.740	175.370	57.196	157.947	29.007	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	4.749	13.902	2.355	0.000

POTTAWATTAMIE
78
COUNTY MILES SUMMARY

Secondary Miles	1,497.477	Rural Open Roads All Systems	1,673.141
Secondary Open Miles	1,481.061	Rural Primary Miles	192.080
Secondary Legal Not Open (LNO) Miles	16.416	Rural Open Surfaced Miles	1,586.740
Secondary Open Surfaced Miles	1,394.660	Total New/Resurfaced Rural Miles 2004	4.985
Secondary Open Not Surfaced Miles	86.401	Total Unknown Surface Type Rural Miles	16.853
Percentage Surfaced Secondary Roads	93.13%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	85.964	1,143.414	39.787	129.056	82.841	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	4.985	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	594.819
FM Miles Open	594.819
FM Miles LNO	0.000
FM Miles Surfaced	594.819
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	3.997
FM in Municipalities Populated Under 500	1.261
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	379.095	21.043	122.669	72.012	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	3.997	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	902.658
AS Miles Open	886.243
AS Miles LNO	16.416
AS Miles Surfaced	800.279
AS Miles Not Surfaced	102.817
Percentage AS Surfaced	88.66%
Total New/Resurfaced AS Miles 2004	0.988
AS Miles Unknown Surface Type	16.853

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	85.964	764.319	18.744	6.387	10.829	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.988	0.000	0.000

POWESHIEK

79

COUNTY MILES SUMMARY

Secondary Miles	982.305	Rural Open Roads All Systems	1,098.019
Secondary Open Miles	976.418	Rural Primary Miles	121.601
Secondary Legal Not Open (LNO) Miles	5.888	Rural Open Surfaced Miles	977.169
Secondary Open Surfaced Miles	855.568	Total New/Resurfaced Rural Miles 2004	0.311
Secondary Open Not Surfaced Miles	120.850	Total Unknown Surface Type Rural Miles	5.888
Percentage Surfaced Secondary Roads	87.10%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	120.850	740.494	11.065	32.172	71.838	0.000
Total New/Resurfaced Miles 2004	0.000	0.311	0.000	0.000	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	331.818
FM Miles Open	331.818
FM Miles LNO	0.000
FM Miles Surfaced	327.908
FM Miles Not Surfaced	3.910
Percentage FM Surfaced	98.82%
Total New/Resurfaced FM Miles 2004	0.000
FM in Municipalities Populated Under 500	2.703
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	3.910	223.593	5.727	27.989	70.599	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	650.487
AS Miles Open	644.600
AS Miles LNO	5.888
AS Miles Surfaced	527.660
AS Miles Not Surfaced	122.827
Percentage AS Surfaced	81.12%
Total New/Resurfaced AS Miles 2004	0.311
AS Miles Unknown Surface Type	5.888

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	116.940	516.901	5.338	4.183	1.239	0.000
Total New/Resurfaced Miles 2004	0.000	0.311	0.000	0.000	0.000	0.000

RINGGOLD

80

COUNTY MILES SUMMARY

Secondary Miles	906.269	Rural Open Roads All Systems	943.416
Secondary Open Miles	887.452	Rural Primary Miles	55.964
Secondary Legal Not Open (LNO) Miles	18.817	Rural Open Surfaced Miles	737.855
Secondary Open Surfaced Miles	681.891	Total New/Resurfaced Rural Miles 2004	0.650
Secondary Open Not Surfaced Miles	205.562	Total Unknown Surface Type Rural Miles	18.841
Percentage Surfaced Secondary Roads	75.24%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	205.538	527.119	68.996	60.106	25.670	0.000
Total New/Resurfaced Miles 2004	0.000	0.650	0.000	0.000	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	289.266
FM Miles Open	289.266
FM Miles LNO	0.000
FM Miles Surfaced	289.242
FM Miles Not Surfaced	0.024
Percentage FM Surfaced	99.99%
Total New/Resurfaced FM Miles 2004	0.000
FM in Municipalities Populated Under 500	8.231
FM Miles Unknown Surface Type	0.024

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	149.115	54.352	60.106	25.670	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	617.003
AS Miles Open	598.186
AS Miles LNO	18.817
AS Miles Surfaced	392.649
AS Miles Not Surfaced	224.354
Percentage AS Surfaced	63.64%
Total New/Resurfaced AS Miles 2004	0.650
AS Miles Unknown Surface Type	18.817

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	205.538	378.005	14.644	0.000	0.000	0.000
Total New/Resurfaced Miles 2004	0.000	0.650	0.000	0.000	0.000	0.000

SAC
81
COUNTY MILES SUMMARY

Secondary Miles	1,023.084	Rural Open Roads All Systems	1,110.022
Secondary Open Miles	1,021.424	Rural Primary Miles	88.598
Secondary Legal Not Open (LNO) Miles	1.660	Rural Open Surfaced Miles	1,086.803
Secondary Open Surfaced Miles	998.205	Total New/Resurfaced Rural Miles 2004	11.053
Secondary Open Not Surfaced Miles	23.220	Total Unknown Surface Type Rural Miles	1.660
Percentage Surfaced Secondary Roads	97.57%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	23.220	800.184	0.983	110.521	86.517	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	11.053	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	328.738
FM Miles Open	328.738
FM Miles LNO	0.000
FM Miles Surfaced	328.738
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	11.053
FM in Municipalities Populated Under 500	0.140
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	134.510	0.522	109.744	83.962	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	11.053	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	694.347
AS Miles Open	692.687
AS Miles LNO	1.660
AS Miles Surfaced	669.467
AS Miles Not Surfaced	24.880
Percentage AS Surfaced	96.42%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	1.660

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	23.220	665.674	0.461	0.777	2.555	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

SCOTT
82
COUNTY MILES SUMMARY

Secondary Miles	563.932	Rural Open Roads All Systems	615.206
Secondary Open Miles	562.907	Rural Primary Miles	52.299
Secondary Legal Not Open (LNO) Miles	1.025	Rural Open Surfaced Miles	602.683
Secondary Open Surfaced Miles	550.384	Total New/Resurfaced Rural Miles 2004	20.284
Secondary Open Not Surfaced Miles	12.523	Total Unknown Surface Type Rural Miles	1.025
Percentage Surfaced Secondary Roads	97.60%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	12.523	345.377	7.606	150.782	46.619	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	1.773	18.196	0.315	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	206.772
FM Miles Open	206.772
FM Miles LNO	0.000
FM Miles Surfaced	205.902
FM Miles Not Surfaced	0.870
Percentage FM Surfaced	99.58%
Total New/Resurfaced FM Miles 2004	18.066
FM in Municipalities Populated Under 500	3.418
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.870	48.852	2.592	114.773	39.685	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	1.653	16.413	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	357.160
AS Miles Open	356.135
AS Miles LNO	1.025
AS Miles Surfaced	344.482
AS Miles Not Surfaced	13.181
Percentage AS Surfaced	96.45%
Total New/Resurfaced AS Miles 2004	2.218
AS Miles Unknown Surface Type	1.025

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	11.653	296.525	5.014	36.009	6.934	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.120	1.783	0.315	0.000

SHELBY

83

COUNTY MILES SUMMARY

Secondary Miles	963.301	Rural Open Roads All Systems	1,029.811
Secondary Open Miles	952.955	Rural Primary Miles	76.856
Secondary Legal Not Open (LNO) Miles	10.346	Rural Open Surfaced Miles	846.724
Secondary Open Surfaced Miles	769.868	Total New/Resurfaced Rural Miles 2004	4.695
Secondary Open Not Surfaced Miles	183.087	Total Unknown Surface Type Rural Miles	9.177
Percentage Surfaced Secondary Roads	79.92%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	183.087	632.574	20.479	87.250	29.565	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	4.695	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	297.954
FM Miles Open	297.954
FM Miles LNO	0.000
FM Miles Surfaced	264.892
FM Miles Not Surfaced	33.062
Percentage FM Surfaced	88.90%
Total New/Resurfaced FM Miles 2004	4.695
FM in Municipalities Populated Under 500	4.551
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	33.062	128.967	20.479	85.949	29.497	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	4.695	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	665.347
AS Miles Open	655.001
AS Miles LNO	10.346
AS Miles Surfaced	504.976
AS Miles Not Surfaced	160.371
Percentage AS Surfaced	75.90%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	9.177

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	150.025	503.607	0.000	1.301	0.068	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

SIoux
84
COUNTY MILES SUMMARY

Secondary Miles	1,366.229	Rural Open Roads All Systems	1,466.475
Secondary Open Miles	1,354.835	Rural Primary Miles	111.640
Secondary Legal Not Open (LNO) Miles	11.395	Rural Open Surfaced Miles	1,417.070
Secondary Open Surfaced Miles	1,305.430	Total New/Resurfaced Rural Miles 2004	0.643
Secondary Open Not Surfaced Miles	49.405	Total Unknown Surface Type Rural Miles	11.395
Percentage Surfaced Secondary Roads	95.55%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	49.405	1,034.337	0.093	249.942	21.059	0.000
Total New/Resurfaced Miles 2004	0.000	0.432	0.000	0.000	0.211	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	425.833
FM Miles Open	425.833
FM Miles LNO	0.000
FM Miles Surfaced	424.882
FM Miles Not Surfaced	0.951
Percentage FM Surfaced	99.78%
Total New/Resurfaced FM Miles 2004	0.000
FM in Municipalities Populated Under 500	1.466
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.951	164.686	0.000	244.912	15.285	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	940.396
AS Miles Open	929.002
AS Miles LNO	11.395
AS Miles Surfaced	880.548
AS Miles Not Surfaced	59.848
Percentage AS Surfaced	93.64%
Total New/Resurfaced AS Miles 2004	0.643
AS Miles Unknown Surface Type	11.395

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	48.454	869.651	0.093	5.030	5.774	0.000
Total New/Resurfaced Miles 2004	0.000	0.432	0.000	0.000	0.211	0.000

STORY

85

COUNTY MILES SUMMARY

Secondary Miles	937.626	Rural Open Roads All Systems	1,051.901
Secondary Open Miles	937.446	Rural Primary Miles	114.455
Secondary Legal Not Open (LNO) Miles	0.180	Rural Open Surfaced Miles	1,026.099
Secondary Open Surfaced Miles	911.644	Total New/Resurfaced Rural Miles 2004	0.687
Secondary Open Not Surfaced Miles	25.802	Total Unknown Surface Type Rural Miles	0.180
Percentage Surfaced Secondary Roads	97.23%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	25.802	703.513	8.988	153.280	45.863	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.687	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	358.507
FM Miles Open	358.507
FM Miles LNO	0.000
FM Miles Surfaced	358.507
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	0.687
FM in Municipalities Populated Under 500	2.582
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	171.233	5.821	140.417	41.036	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.687	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	579.119
AS Miles Open	578.939
AS Miles LNO	0.180
AS Miles Surfaced	553.138
AS Miles Not Surfaced	25.982
Percentage AS Surfaced	95.51%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	0.180

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	25.802	532.281	3.167	12.863	4.827	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

TAMA
86
COUNTY MILES SUMMARY

Secondary Miles	1,168.864	Rural Open Roads All Systems	1,252.880
Secondary Open Miles	1,160.788	Rural Primary Miles	92.093
Secondary Legal Not Open (LNO) Miles	8.076	Rural Open Surfaced Miles	1,169.227
Secondary Open Surfaced Miles	1,077.134	Total New/Resurfaced Rural Miles 2004	0.687
Secondary Open Not Surfaced Miles	83.654	Total Unknown Surface Type Rural Miles	8.076
Percentage Surfaced Secondary Roads	92.15%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	83.654	896.515	1.460	163.709	15.451	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.687	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	367.054
FM Miles Open	367.054
FM Miles LNO	0.000
FM Miles Surfaced	366.116
FM Miles Not Surfaced	0.938
Percentage FM Surfaced	99.74%
Total New/Resurfaced FM Miles 2004	0.687
FM in Municipalities Populated Under 500	7.530
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.938	193.298	0.752	156.629	15.437	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.687	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	801.810
AS Miles Open	793.734
AS Miles LNO	8.076
AS Miles Surfaced	711.018
AS Miles Not Surfaced	90.792
Percentage AS Surfaced	88.68%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	8.076

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	82.716	703.217	0.708	7.080	0.014	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

TAYLOR
87
COUNTY MILES SUMMARY

Secondary Miles	934.249	Rural Open Roads All Systems	983.300
Secondary Open Miles	928.138	Rural Primary Miles	55.162
Secondary Legal Not Open (LNO) Miles	6.111	Rural Open Surfaced Miles	819.523
Secondary Open Surfaced Miles	764.361	Total New/Resurfaced Rural Miles 2004	0.000
Secondary Open Not Surfaced Miles	163.778	Total Unknown Surface Type Rural Miles	3.102
Percentage Surfaced Secondary Roads	81.82%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	163.778	645.980	8.745	71.889	37.748	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	330.983
FM Miles Open	330.983
FM Miles LNO	0.000
FM Miles Surfaced	328.963
FM Miles Not Surfaced	2.020
Percentage FM Surfaced	99.39%
Total New/Resurfaced FM Miles 2004	0.000
FM in Municipalities Populated Under 500	4.816
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	2.020	213.943	8.254	71.398	35.369	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	603.266
AS Miles Open	597.155
AS Miles LNO	6.111
AS Miles Surfaced	435.398
AS Miles Not Surfaced	167.608
Percentage AS Surfaced	72.17%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	3.102

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	161.758	432.037	0.491	0.491	2.379	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

UNION
88
COUNTY MILES SUMMARY

Secondary Miles	706.636	Rural Open Roads All Systems	755.699
Secondary Open Miles	704.665	Rural Primary Miles	51.034
Secondary Legal Not Open (LNO) Miles	1.971	Rural Open Surfaced Miles	652.928
Secondary Open Surfaced Miles	601.894	Total New/Resurfaced Rural Miles 2004	2.695
Secondary Open Not Surfaced Miles	102.771	Total Unknown Surface Type Rural Miles	1.971
Percentage Surfaced Secondary Roads	85.18%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	102.771	502.224	28.013	21.367	50.291	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	2.695	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	252.892
FM Miles Open	252.892
FM Miles LNO	0.000
FM Miles Surfaced	252.892
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	2.695
FM in Municipalities Populated Under 500	3.825
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	167.452	22.519	17.749	45.173	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	2.695	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	453.744
AS Miles Open	451.773
AS Miles LNO	1.971
AS Miles Surfaced	349.002
AS Miles Not Surfaced	104.742
Percentage AS Surfaced	76.92%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	1.971

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	102.771	334.772	5.494	3.618	5.118	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

VAN BUREN
89
COUNTY MILES SUMMARY

Secondary Miles	745.782	Rural Open Roads All Systems	804.878
Secondary Open Miles	737.059	Rural Primary Miles	67.819
Secondary Legal Not Open (LNO) Miles	8.723	Rural Open Surfaced Miles	756.768
Secondary Open Surfaced Miles	688.949	Total New/Resurfaced Rural Miles 2004	0.000
Secondary Open Not Surfaced Miles	48.110	Total Unknown Surface Type Rural Miles	8.059
Percentage Surfaced Secondary Roads	92.38%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	48.110	589.124	3.258	82.971	13.596	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	269.307
FM Miles Open	269.307
FM Miles LNO	0.000
FM Miles Surfaced	269.307
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	0.000
FM in Municipalities Populated Under 500	7.193
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	174.508	2.915	81.259	10.625	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	476.475
AS Miles Open	467.752
AS Miles LNO	8.723
AS Miles Surfaced	419.642
AS Miles Not Surfaced	56.561
Percentage AS Surfaced	88.07%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	8.059

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	48.110	414.616	0.343	1.712	2.971	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

WAPELLO
90
COUNTY MILES SUMMARY

Secondary Miles	705.302	Rural Open Roads All Systems	751.684
Secondary Open Miles	698.032	Rural Primary Miles	53.652
Secondary Legal Not Open (LNO) Miles	7.270	Rural Open Surfaced Miles	714.916
Secondary Open Surfaced Miles	661.264	Total New/Resurfaced Rural Miles 2004	16.273
Secondary Open Not Surfaced Miles	36.769	Total Unknown Surface Type Rural Miles	7.270
Percentage Surfaced Secondary Roads	93.76%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	36.769	524.778	7.586	93.508	35.392	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	12.607	3.666	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	277.691
FM Miles Open	277.691
FM Miles LNO	0.000
FM Miles Surfaced	277.691
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	16.273
FM in Municipalities Populated Under 500	3.655
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	154.510	6.909	84.061	32.211	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	12.607	3.666	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	427.612
AS Miles Open	420.342
AS Miles LNO	7.270
AS Miles Surfaced	383.573
AS Miles Not Surfaced	45.338
Percentage AS Surfaced	89.70%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	7.270

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	36.769	370.268	0.677	9.447	3.181	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

WARREN
91
COUNTY MILES SUMMARY

Secondary Miles	887.342	Rural Open Roads All Systems	991.271
Secondary Open Miles	885.533	Rural Primary Miles	105.738
Secondary Legal Not Open (LNO) Miles	1.810	Rural Open Surfaced Miles	916.410
Secondary Open Surfaced Miles	810.672	Total New/Resurfaced Rural Miles 2004	6.506
Secondary Open Not Surfaced Miles	74.861	Total Unknown Surface Type Rural Miles	1.402
Percentage Surfaced Secondary Roads	91.36%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	74.861	644.288	3.501	11.805	151.079	0.000
Total New/Resurfaced Miles 2004	0.000	4.332	0.000	0.000	2.174	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	312.313
FM Miles Open	312.313
FM Miles LNO	0.000
FM Miles Surfaced	312.313
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	6.334
FM in Municipalities Populated Under 500	3.802
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	172.700	1.418	6.867	131.328	0.000
Total New/Resurfaced Miles 2004	0.000	4.237	0.000	0.000	2.097	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	575.030
AS Miles Open	573.220
AS Miles LNO	1.810
AS Miles Surfaced	498.359
AS Miles Not Surfaced	76.455
Percentage AS Surfaced	86.67%
Total New/Resurfaced AS Miles 2004	0.172
AS Miles Unknown Surface Type	1.402

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	74.861	471.589	2.083	4.938	19.751	0.000
Total New/Resurfaced Miles 2004	0.000	0.095	0.000	0.000	0.077	0.000

WASHINGTON
92
COUNTY MILES SUMMARY

Secondary Miles	929.726	Rural Open Roads All Systems	1,013.467
Secondary Open Miles	915.398	Rural Primary Miles	98.069
Secondary Legal Not Open (LNO) Miles	14.328	Rural Open Surfaced Miles	923.693
Secondary Open Surfaced Miles	825.624	Total New/Resurfaced Rural Miles 2004	4.665
Secondary Open Not Surfaced Miles	89.774	Total Unknown Surface Type Rural Miles	13.354
Percentage Surfaced Secondary Roads	88.80%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	89.774	671.033	1.467	18.006	134.249	0.870
Total New/Resurfaced Miles 2004	0.000	4.665	0.000	0.000	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	366.204
FM Miles Open	366.204
FM Miles LNO	0.000
FM Miles Surfaced	366.204
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	0.000
FM in Municipalities Populated Under 500	1.938
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	215.032	0.640	17.440	132.223	0.870
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	563.522
AS Miles Open	549.194
AS Miles LNO	14.328
AS Miles Surfaced	459.420
AS Miles Not Surfaced	104.102
Percentage AS Surfaced	81.53%
Total New/Resurfaced AS Miles 2004	4.665
AS Miles Unknown Surface Type	13.354

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	89.774	456.001	0.827	0.566	2.026	0.000
Total New/Resurfaced Miles 2004	0.000	4.665	0.000	0.000	0.000	0.000

WAYNE
93
COUNTY MILES SUMMARY

Secondary Miles	839.841	Rural Open Roads All Systems	886.524
Secondary Open Miles	834.349	Rural Primary Miles	52.175
Secondary Legal Not Open (LNO) Miles	5.492	Rural Open Surfaced Miles	822.237
Secondary Open Surfaced Miles	770.062	Total New/Resurfaced Rural Miles 2004	0.000
Secondary Open Not Surfaced Miles	64.288	Total Unknown Surface Type Rural Miles	5.492
Percentage Surfaced Secondary Roads	91.69%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	64.288	659.780	2.653	3.872	103.757	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	300.456
FM Miles Open	300.456
FM Miles LNO	0.000
FM Miles Surfaced	299.443
FM Miles Not Surfaced	1.013
Percentage FM Surfaced	99.66%
Total New/Resurfaced FM Miles 2004	0.000
FM in Municipalities Populated Under 500	3.030
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	1.013	204.466	0.000	0.081	94.896	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	539.385
AS Miles Open	533.893
AS Miles LNO	5.492
AS Miles Surfaced	470.619
AS Miles Not Surfaced	68.766
Percentage AS Surfaced	87.25%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	5.492

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	63.275	455.314	2.653	3.791	8.861	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

WEBSTER
94
COUNTY MILES SUMMARY

Secondary Miles	1,184.866	Rural Open Roads All Systems	1,276.323
Secondary Open Miles	1,181.590	Rural Primary Miles	94.733
Secondary Legal Not Open (LNO) Miles	3.276	Rural Open Surfaced Miles	1,272.420
Secondary Open Surfaced Miles	1,177.687	Total New/Resurfaced Rural Miles 2004	9.231
Secondary Open Not Surfaced Miles	3.903	Total Unknown Surface Type Rural Miles	3.276
Percentage Surfaced Secondary Roads	99.39%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	3.903	872.021	7.847	255.293	42.526	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	9.231	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	407.938
FM Miles Open	407.938
FM Miles LNO	0.000
FM Miles Surfaced	407.938
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	9.231
FM in Municipalities Populated Under 500	7.859
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	130.315	0.000	236.636	40.988	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	9.231	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	776.928
AS Miles Open	773.652
AS Miles LNO	3.276
AS Miles Surfaced	769.749
AS Miles Not Surfaced	7.179
Percentage AS Surfaced	99.08%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	3.276

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	3.903	741.707	7.847	18.658	1.538	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

WINNEBAGO
95
COUNTY MILES SUMMARY

Secondary Miles	720.665	Rural Open Roads All Systems	758.904
Secondary Open Miles	718.627	Rural Primary Miles	40.277
Secondary Legal Not Open (LNO) Miles	2.039	Rural Open Surfaced Miles	745.340
Secondary Open Surfaced Miles	705.063	Total New/Resurfaced Rural Miles 2004	0.000
Secondary Open Not Surfaced Miles	13.564	Total Unknown Surface Type Rural Miles	2.039
Percentage Surfaced Secondary Roads	97.83%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	13.564	567.435	0.162	135.354	2.112	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	203.576
FM Miles Open	203.576
FM Miles LNO	0.000
FM Miles Surfaced	194.643
FM Miles Not Surfaced	8.933
Percentage FM Surfaced	95.61%
Total New/Resurfaced FM Miles 2004	0.000
FM in Municipalities Populated Under 500	1.409
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	8.933	59.219	0.000	133.815	1.609	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	517.090
AS Miles Open	515.051
AS Miles LNO	2.039
AS Miles Surfaced	510.420
AS Miles Not Surfaced	6.670
Percentage AS Surfaced	98.71%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	2.039

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	4.631	508.217	0.162	1.539	0.503	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

WINNESHIEK
96
COUNTY MILES SUMMARY

Secondary Miles	1,062.486	Rural Open Roads All Systems	1,141.983
Secondary Open Miles	1,052.971	Rural Primary Miles	89.013
Secondary Legal Not Open (LNO) Miles	9.516	Rural Open Surfaced Miles	1,137.864
Secondary Open Surfaced Miles	1,048.851	Total New/Resurfaced Rural Miles 2004	14.053
Secondary Open Not Surfaced Miles	4.120	Total Unknown Surface Type Rural Miles	9.516
Percentage Surfaced Secondary Roads	98.72%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	4.120	812.842	16.982	148.563	70.464	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	2.739	11.314	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	355.552
FM Miles Open	355.552
FM Miles LNO	0.000
FM Miles Surfaced	355.552
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	13.150
FM in Municipalities Populated Under 500	6.266
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	135.055	9.925	142.920	67.652	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	1.836	11.314	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	706.935
AS Miles Open	697.419
AS Miles LNO	9.516
AS Miles Surfaced	693.300
AS Miles Not Surfaced	13.635
Percentage AS Surfaced	98.07%
Total New/Resurfaced AS Miles 2004	0.903
AS Miles Unknown Surface Type	9.516

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	4.120	677.788	7.057	5.643	2.812	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.903	0.000	0.000

WOODBURY
97
COUNTY MILES SUMMARY

Secondary Miles	1,369.195	Rural Open Roads All Systems	1,464.625
Secondary Open Miles	1,356.245	Rural Primary Miles	108.380
Secondary Legal Not Open (LNO) Miles	12.950	Rural Open Surfaced Miles	1,396.321
Secondary Open Surfaced Miles	1,287.941	Total New/Resurfaced Rural Miles 2004	10.696
Secondary Open Not Surfaced Miles	68.304	Total Unknown Surface Type Rural Miles	12.950
Percentage Surfaced Secondary Roads	94.07%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	68.304	951.407	0.064	245.539	90.932	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	10.696	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	400.227
FM Miles Open	400.227
FM Miles LNO	0.000
FM Miles Surfaced	400.227
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	10.696
FM in Municipalities Populated Under 500	5.795
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	84.292	0.000	238.974	76.962	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	10.696	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	968.968
AS Miles Open	956.018
AS Miles LNO	12.950
AS Miles Surfaced	887.714
AS Miles Not Surfaced	81.254
Percentage AS Surfaced	91.61%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	12.950

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	68.304	867.115	0.064	6.565	13.970	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

WORTH
98
COUNTY MILES SUMMARY

Secondary Miles	699.776	Rural Open Roads All Systems	750.766
Secondary Open Miles	692.985	Rural Primary Miles	57.781
Secondary Legal Not Open (LNO) Miles	6.792	Rural Open Surfaced Miles	748.565
Secondary Open Surfaced Miles	690.784	Total New/Resurfaced Rural Miles 2004	7.509
Secondary Open Not Surfaced Miles	2.201	Total Unknown Surface Type Rural Miles	6.792
Percentage Surfaced Secondary Roads	98.71%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	2.201	475.604	3.170	194.156	17.854	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	7.509	0.000	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	241.936
FM Miles Open	241.936
FM Miles LNO	0.000
FM Miles Surfaced	241.936
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	0.000
FM in Municipalities Populated Under 500	6.449
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	61.432	0.000	166.178	14.327	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	457.840
AS Miles Open	451.049
AS Miles LNO	6.792
AS Miles Surfaced	448.848
AS Miles Not Surfaced	8.993
Percentage AS Surfaced	98.04%
Total New/Resurfaced AS Miles 2004	7.509
AS Miles Unknown Surface Type	6.792

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	2.201	414.173	3.170	27.978	3.527	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	7.509	0.000	0.000

WRIGHT
99
COUNTY MILES SUMMARY

Secondary Miles	967.319	Rural Open Roads All Systems	1,034.514
Secondary Open Miles	966.716	Rural Primary Miles	67.798
Secondary Legal Not Open (LNO) Miles	0.603	Rural Open Surfaced Miles	1,032.389
Secondary Open Surfaced Miles	964.591	Total New/Resurfaced Rural Miles 2004	0.379
Secondary Open Not Surfaced Miles	2.125	Total Unknown Surface Type Rural Miles	0.603
Percentage Surfaced Secondary Roads	99.72%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	2.125	795.166	0.482	152.595	16.349	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.379	0.000

FARM TO MARKET (FM) SUMMARY

Total FM Miles	231.112
FM Miles Open	231.112
FM Miles LNO	0.000
FM Miles Surfaced	231.112
FM Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total New/Resurfaced FM Miles 2004	0.000
FM in Municipalities Populated Under 500	1.560
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	64.947	0.000	150.711	15.454	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	736.208
AS Miles Open	735.605
AS Miles LNO	0.603
AS Miles Surfaced	733.480
AS Miles Not Surfaced	2.728
Percentage AS Surfaced	99.63%
Total New/Resurfaced AS Miles 2004	0.379
AS Miles Unknown Surface Type	0.603

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	2.125	730.219	0.482	1.884	0.895	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	0.000	0.379	0.000