

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

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

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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	1,009.560	Rural Open Roads All Systems	1,079.906
Secondary Open Miles	1,007.315	Rural Primary Miles	72.591
Secondary Legal Not Open (LNO) Miles	2.245	Rural Open Surfaced Miles	941.784
Secondary Open Surfaced Miles	869.193	Total New/Resurfaced Rural Miles 2004	14.621
Secondary Open Not Surfaced Miles	138.122	Total Unknown Surface Type Rural Miles	2.245
Percentage Surfaced Secondary Roads	86.10%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	138.122	780.620	8.616	79.008	0.950	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	273.682
FM Miles Open	273.682
FM Miles LNO	0.000
FM Miles Surfaced	273.682
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	189.674	4.342	79.008	0.658	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	735.878
AS Miles Open	733.633
AS Miles LNO	2.245
AS Miles Surfaced	595.512
AS Miles Not Surfaced	140.367
Percentage AS Surfaced	80.93%
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	138.122	590.946	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	711.654	Rural Open Roads All Systems	751.498
Secondary Open Miles	710.733	Rural Primary Miles	40.765
Secondary Legal Not Open (LNO) Miles	0.921	Rural Open Surfaced Miles	649.048
Secondary Open Surfaced Miles	608.283	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	85.47%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	102.450	503.291	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	514.589
AS Miles Open	513.668
AS Miles LNO	0.921
AS Miles Surfaced	411.218
AS Miles Not Surfaced	103.371
Percentage AS Surfaced	79.91%
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	406.441	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	880.249	Rural Open Roads All Systems	951.645
Secondary Open Miles	867.991	Rural Primary Miles	83.654
Secondary Legal Not Open (LNO) Miles	12.258	Rural Open Surfaced Miles	941.699
Secondary Open Surfaced Miles	858.045	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	702.782	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	299.907
FM Miles Open	299.907
FM Miles LNO	0.000
FM Miles Surfaced	299.907
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	149.925	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	580.342
AS Miles Open	568.084
AS Miles LNO	12.258
AS Miles Surfaced	558.138
AS Miles Not Surfaced	22.205
Percentage AS Surfaced	96.17%
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	552.857	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	764.227	Rural Open Roads All Systems	805.586
Secondary Open Miles	753.945	Rural Primary Miles	51.641
Secondary Legal Not Open (LNO) Miles	10.283	Rural Open Surfaced Miles	773.623
Secondary Open Surfaced Miles	721.982	Total New/Resurfaced Rural Miles 2004	0.727
Secondary Open Not Surfaced Miles	31.963	Total Unknown Surface Type Rural Miles	10.161
Percentage Surfaced Secondary Roads	94.47%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	31.963	605.557	1.324	63.754	51.347	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	291.156
FM Miles Open	291.156
FM Miles LNO	0.000
FM Miles Surfaced	291.156
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	44.725	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	473.072
AS Miles Open	462.789
AS Miles LNO	10.283
AS Miles Surfaced	430.827
AS Miles Not Surfaced	42.123
Percentage AS Surfaced	91.07%
Total New/Resurfaced AS Miles 2004	0.100
AS Miles Unknown Surface Type	10.161

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	31.963	417.790	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	746.935	Rural Open Roads All Systems	787.731
Secondary Open Miles	744.632	Rural Primary Miles	43.099
Secondary Legal Not Open (LNO) Miles	2.303	Rural Open Surfaced Miles	743.913
Secondary Open Surfaced Miles	700.814	Total New/Resurfaced Rural Miles 2004	4.394
Secondary Open Not Surfaced Miles	43.819	Total Unknown Surface Type Rural Miles	1.752
Percentage Surfaced Secondary Roads	93.83%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	43.819	608.555	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	273.364
FM Miles Open	273.364
FM Miles LNO	0.000
FM Miles Surfaced	273.364
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	184.855	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	473.572
AS Miles Open	471.269
AS Miles LNO	2.303
AS Miles Surfaced	427.450
AS Miles Not Surfaced	46.122
Percentage AS Surfaced	90.26%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	1.752

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	43.819	423.700	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	1,224.014	Rural Open Roads All Systems	1,318.314
Secondary Open Miles	1,220.832	Rural Primary Miles	97.483
Secondary Legal Not Open (LNO) Miles	3.182	Rural Open Surfaced Miles	1,225.095
Secondary Open Surfaced Miles	1,127.613	Total New/Resurfaced Rural Miles 2004	9.715
Secondary Open Not Surfaced Miles	93.219	Total Unknown Surface Type Rural Miles	3.182
Percentage Surfaced Secondary Roads	92.12%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	93.219	912.088	4.501	181.902	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	355.293
FM Miles Open	355.293
FM Miles LNO	0.000
FM Miles Surfaced	355.293
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	149.002	2.518	174.732	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	868.721
AS Miles Open	865.539
AS Miles LNO	3.182
AS Miles Surfaced	772.320
AS Miles Not Surfaced	96.401
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	93.219	763.086	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	763.420	Rural Open Roads All Systems	853.574
Secondary Open Miles	762.463	Rural Primary Miles	91.111
Secondary Legal Not Open (LNO) Miles	0.957	Rural Open Surfaced Miles	848.496
Secondary Open Surfaced Miles	757.385	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	99.21%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	5.078	520.540	25.090	179.835	31.921	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	270.325
FM Miles Open	270.325
FM Miles LNO	0.000
FM Miles Surfaced	270.325
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	56.818	8.881	174.517	30.109	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	493.096
AS Miles Open	492.139
AS Miles LNO	0.957
AS Miles Surfaced	487.061
AS Miles Not Surfaced	6.035
Percentage AS Surfaced	98.78%
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	463.722	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	962.668	Rural Open Roads All Systems	1,045.646
Secondary Open Miles	958.099	Rural Primary Miles	87.547
Secondary Legal Not Open (LNO) Miles	4.569	Rural Open Surfaced Miles	1,039.729
Secondary Open Surfaced Miles	952.182	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	98.91%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	5.917	768.605	2.409	68.247	112.921	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	299.163
FM Miles Open	299.163
FM Miles LNO	0.000
FM Miles Surfaced	298.162
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	4.004
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	1.001	125.653	1.143	62.970	108.396	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	663.505
AS Miles Open	658.936
AS Miles LNO	4.569
AS Miles Surfaced	654.020
AS Miles Not Surfaced	9.485
Percentage AS Surfaced	98.57%
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	642.952	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	700.792	Rural Open Roads All Systems	785.517
Secondary Open Miles	700.046	Rural Primary Miles	85.471
Secondary Legal Not Open (LNO) Miles	0.746	Rural Open Surfaced Miles	781.127
Secondary Open Surfaced Miles	695.656	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	99.27%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	4.390	562.563	3.960	126.630	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	182.832
FM Miles Open	182.832
FM Miles LNO	0.000
FM Miles Surfaced	182.832
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	62.227	0.062	118.661	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	517.960
AS Miles Open	517.214
AS Miles LNO	0.746
AS Miles Surfaced	512.825
AS Miles Not Surfaced	5.136
Percentage AS Surfaced	99.01%
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	500.337	3.898	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	942.557	Rural Open Roads All Systems	1,019.817
Secondary Open Miles	941.823	Rural Primary Miles	77.994
Secondary Legal Not Open (LNO) Miles	0.734	Rural Open Surfaced Miles	996.124
Secondary Open Surfaced Miles	918.130	Total New/Resurfaced Rural Miles 2004	0.000
Secondary Open Not Surfaced Miles	23.693	Total Unknown Surface Type Rural Miles	0.734
Percentage Surfaced Secondary Roads	97.41%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	23.693	719.711	1.168	56.196	141.055	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	344.449
FM Miles Open	344.449
FM Miles LNO	0.000
FM Miles Surfaced	344.449
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	152.790	0.727	53.948	136.984	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	598.108
AS Miles Open	597.374
AS Miles LNO	0.734
AS Miles Surfaced	573.681
AS Miles Not Surfaced	24.545
Percentage AS Surfaced	95.92%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	0.734

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	23.693	566.921	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	988.547	Rural Open Roads All Systems	1,073.039
Secondary Open Miles	984.655	Rural Primary Miles	88.384
Secondary Legal Not Open (LNO) Miles	3.892	Rural Open Surfaced Miles	1,067.582
Secondary Open Surfaced Miles	979.198	Total New/Resurfaced Rural Miles 2004	10.089
Secondary Open Not Surfaced Miles	5.457	Total Unknown Surface Type Rural Miles	3.892
Percentage Surfaced Secondary Roads	99.05%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	5.457	729.299	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	655.495
AS Miles Open	651.603
AS Miles LNO	3.892
AS Miles Surfaced	646.146
AS Miles Not Surfaced	9.349
Percentage AS Surfaced	98.57%
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	5.457	636.673	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	940.105	Rural Open Roads All Systems	1,008.749
Secondary Open Miles	935.468	Rural Primary Miles	73.281
Secondary Legal Not Open (LNO) Miles	4.637	Rural Open Surfaced Miles	992.090
Secondary Open Surfaced Miles	918.809	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	97.73%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	16.659	715.692	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	293.331
FM Miles Open	293.331
FM Miles LNO	0.000
FM Miles Surfaced	293.331
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	96.419	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	646.774
AS Miles Open	642.137
AS Miles LNO	4.637
AS Miles Surfaced	625.478
AS Miles Not Surfaced	21.296
Percentage AS Surfaced	96.71%
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	619.273	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	968.412	Rural Open Roads All Systems	1,045.556
Secondary Open Miles	968.412	Rural Primary Miles	77.144
Secondary Legal Not Open (LNO) Miles	0.000	Rural Open Surfaced Miles	1,039.970
Secondary Open Surfaced Miles	962.826	Total New/Resurfaced Rural Miles 2004	24.054
Secondary Open Not Surfaced Miles	5.586	Total Unknown Surface Type Rural Miles	0.000
Percentage Surfaced Secondary Roads	99.42%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	5.586	793.868	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	661.986
AS Miles Open	661.986
AS Miles LNO	0.000
AS Miles Surfaced	656.400
AS Miles Not Surfaced	5.586
Percentage AS Surfaced	99.16%
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	5.586	651.008	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	994.225	Rural Open Roads All Systems	1,056.026
Secondary Open Miles	991.752	Rural Primary Miles	64.274
Secondary Legal Not Open (LNO) Miles	2.473	Rural Open Surfaced Miles	1,042.278
Secondary Open Surfaced Miles	978.004	Total New/Resurfaced Rural Miles 2004	1.893
Secondary Open Not Surfaced Miles	13.748	Total Unknown Surface Type Rural Miles	2.473
Percentage Surfaced Secondary Roads	98.37%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	13.748	793.223	0.466	145.904	38.412	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	362.835
FM Miles Open	362.835
FM Miles LNO	0.000
FM Miles Surfaced	362.835
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	10.873
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	187.594	0.398	139.342	35.502	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	631.390
AS Miles Open	628.917
AS Miles LNO	2.473
AS Miles Surfaced	615.169
AS Miles Not Surfaced	16.221
Percentage AS Surfaced	97.43%
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	13.748	605.629	0.068	6.562	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	887.749	Rural Open Roads All Systems	1,027.714
Secondary Open Miles	886.402	Rural Primary Miles	141.312
Secondary Legal Not Open (LNO) Miles	1.347	Rural Open Surfaced Miles	893.148
Secondary Open Surfaced Miles	751.836	Total New/Resurfaced Rural Miles 2004	0.000
Secondary Open Not Surfaced Miles	134.567	Total Unknown Surface Type Rural Miles	1.129
Percentage Surfaced Secondary Roads	84.69%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	134.567	641.219	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	260.546
FM Miles Open	260.546
FM Miles LNO	0.000
FM Miles Surfaced	260.546
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	159.170	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	627.204
AS Miles Open	625.857
AS Miles LNO	1.347
AS Miles Surfaced	491.290
AS Miles Not Surfaced	135.914
Percentage AS Surfaced	78.33%
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	134.567	482.049	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	942.815	Rural Open Roads All Systems	1,024.731
Secondary Open Miles	939.061	Rural Primary Miles	85.670
Secondary Legal Not Open (LNO) Miles	3.754	Rural Open Surfaced Miles	967.134
Secondary Open Surfaced Miles	881.464	Total New/Resurfaced Rural Miles 2004	8.141
Secondary Open Not Surfaced Miles	57.597	Total Unknown Surface Type Rural Miles	3.754
Percentage Surfaced Secondary Roads	93.49%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	57.597	742.809	3.270	97.692	37.694	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	351.226
FM Miles Open	351.226
FM Miles LNO	0.000
FM Miles Surfaced	351.226
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	227.087	0.379	86.619	37.141	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	591.590
AS Miles Open	587.836
AS Miles LNO	3.754
AS Miles Surfaced	530.239
AS Miles Not Surfaced	61.351
Percentage AS Surfaced	89.63%
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	57.597	515.722	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	955.134	Rural Open Roads All Systems	1,026.043
Secondary Open Miles	952.195	Rural Primary Miles	73.848
Secondary Legal Not Open (LNO) Miles	2.939	Rural Open Surfaced Miles	1,018.438
Secondary Open Surfaced Miles	944.590	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	98.90%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	7.605	681.838	3.207	183.166	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	341.673
FM Miles Open	341.673
FM Miles LNO	0.000
FM Miles Surfaced	341.673
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	171.666	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	613.462
AS Miles Open	610.523
AS Miles LNO	2.939
AS Miles Surfaced	602.918
AS Miles Not Surfaced	10.544
Percentage AS Surfaced	98.28%
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	580.797	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	985.332	Rural Open Roads All Systems	1,046.100
Secondary Open Miles	979.483	Rural Primary Miles	66.617
Secondary Legal Not Open (LNO) Miles	5.849	Rural Open Surfaced Miles	1,023.353
Secondary Open Surfaced Miles	956.736	Total New/Resurfaced Rural Miles 2004	0.000
Secondary Open Not Surfaced Miles	22.747	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	22.747	740.501	0.000	69.397	146.838	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	308.089
FM Miles Open	308.089
FM Miles LNO	1.243
FM Miles Surfaced	308.089
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	145.326	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	676.000
AS Miles Open	671.394
AS Miles LNO	4.606
AS Miles Surfaced	648.647
AS Miles Not Surfaced	27.353
Percentage AS Surfaced	95.95%
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	22.747	645.028	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	834.110	Rural Open Roads All Systems	904.300
Secondary Open Miles	832.092	Rural Primary Miles	72.208
Secondary Legal Not Open (LNO) Miles	2.018	Rural Open Surfaced Miles	894.949
Secondary Open Surfaced Miles	822.741	Total New/Resurfaced Rural Miles 2004	3.808
Secondary Open Not Surfaced Miles	9.351	Total Unknown Surface Type Rural Miles	2.018
Percentage Surfaced Secondary Roads	98.64%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	9.351	679.772	0.559	108.219	34.079	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	234.538
FM Miles Open	234.538
FM Miles LNO	0.000
FM Miles Surfaced	233.525
FM Miles Not Surfaced	1.013
Percentage FM Surfaced	99.57%
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	96.611	0.000	104.701	32.213	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	599.572
AS Miles Open	597.554
AS Miles LNO	2.018
AS Miles Surfaced	589.216
AS Miles Not Surfaced	10.356
Percentage AS Surfaced	98.27%
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	8.338	583.161	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	649.988	Rural Open Roads All Systems	707.867
Secondary Open Miles	646.765	Rural Primary Miles	61.102
Secondary Legal Not Open (LNO) Miles	3.224	Rural Open Surfaced Miles	640.166
Secondary Open Surfaced Miles	579.064	Total New/Resurfaced Rural Miles 2004	6.338
Secondary Open Not Surfaced Miles	67.701	Total Unknown Surface Type Rural Miles	3.224
Percentage Surfaced Secondary Roads	89.09%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	67.701	524.643	5.003	7.541	41.877	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	243.828
FM Miles Open	243.828
FM Miles LNO	0.000
FM Miles Surfaced	243.828
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	7.541	41.877	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	406.161
AS Miles Open	402.937
AS Miles LNO	3.224
AS Miles Surfaced	335.236
AS Miles Not Surfaced	70.925
Percentage AS Surfaced	82.54%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	3.224

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	67.701	335.105	0.131	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	954.331	Rural Open Roads All Systems	1,006.578
Secondary Open Miles	954.331	Rural Primary Miles	52.247
Secondary Legal Not Open (LNO) Miles	0.000	Rural Open Surfaced Miles	1,001.554
Secondary Open Surfaced Miles	949.307	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	99.47%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	5.024	727.834	0.062	204.378	17.033	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	304.706
FM Miles Open	304.706
FM Miles LNO	0.000
FM Miles Surfaced	304.706
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	94.441	0.062	198.282	11.921	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	649.625
AS Miles Open	649.625
AS Miles LNO	0.000
AS Miles Surfaced	644.601
AS Miles Not Surfaced	5.024
Percentage AS Surfaced	99.23%
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	633.393	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	1,090.244	Rural Open Roads All Systems	1,177.375
Secondary Open Miles	1,077.037	Rural Primary Miles	100.338
Secondary Legal Not Open (LNO) Miles	13.207	Rural Open Surfaced Miles	1,152.691
Secondary Open Surfaced Miles	1,052.353	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	96.52%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	24.557	849.703	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	414.313
FM Miles Open	414.313
FM Miles LNO	0.000
FM Miles Surfaced	414.313
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	226.612	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	675.932
AS Miles Open	662.725
AS Miles LNO	13.207
AS Miles Surfaced	638.168
AS Miles Not Surfaced	37.891
Percentage AS Surfaced	94.41%
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	623.092	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	1,014.045	Rural Open Roads All Systems	1,108.919
Secondary Open Miles	1,006.826	Rural Primary Miles	102.093
Secondary Legal Not Open (LNO) Miles	7.219	Rural Open Surfaced Miles	1,105.015
Secondary Open Surfaced Miles	1,002.922	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	786.146	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	661.602
AS Miles Open	654.383
AS Miles LNO	7.219
AS Miles Surfaced	650.479
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	622.179	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	1,207.910	Rural Open Roads All Systems	1,290.710
Secondary Open Miles	1,196.796	Rural Primary Miles	93.914
Secondary Legal Not Open (LNO) Miles	11.114	Rural Open Surfaced Miles	1,097.262
Secondary Open Surfaced Miles	1,003.349	Total New/Resurfaced Rural Miles 2004	1.312
Secondary Open Not Surfaced Miles	193.448	Total Unknown Surface Type Rural Miles	7.226
Percentage Surfaced Secondary Roads	83.06%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	193.448	867.253	2.940	73.951	59.205	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	374.340
FM Miles Open	374.340
FM Miles LNO	0.000
FM Miles Surfaced	373.321
FM Miles Not Surfaced	1.019
Percentage FM Surfaced	99.73%
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	1.019	242.756	1.548	71.737	57.280	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	833.570
AS Miles Open	822.457
AS Miles LNO	11.114
AS Miles Surfaced	630.028
AS Miles Not Surfaced	203.542
Percentage AS Surfaced	75.58%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	7.226

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	192.429	624.497	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	882.413	Rural Open Roads All Systems	980.260
Secondary Open Miles	878.160	Rural Primary Miles	102.100
Secondary Legal Not Open (LNO) Miles	4.253	Rural Open Surfaced Miles	977.588
Secondary Open Surfaced Miles	875.488	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	680.678	3.707	48.390	142.714	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	287.661
FM Miles Open	287.661
FM Miles LNO	0.000
FM Miles Surfaced	287.661
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	131.604	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	594.752
AS Miles Open	590.499
AS Miles LNO	4.253
AS Miles Surfaced	587.827
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	571.629	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

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COUNTY MILES SUMMARY

Secondary Miles	811.984	Rural Open Roads All Systems	855.950
Secondary Open Miles	807.955	Rural Primary Miles	47.995
Secondary Legal Not Open (LNO) Miles	4.029	Rural Open Surfaced Miles	791.534
Secondary Open Surfaced Miles	743.539	Total New/Resurfaced Rural Miles 2004	5.780
Secondary Open Not Surfaced Miles	64.416	Total Unknown Surface Type Rural Miles	4.029
Percentage Surfaced Secondary Roads	91.57%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	64.416	652.520	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	277.318
FM Miles Open	277.318
FM Miles LNO	0.000
FM Miles Surfaced	277.318
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	191.147	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	534.666
AS Miles Open	530.637
AS Miles LNO	4.029
AS Miles Surfaced	466.221
AS Miles Not Surfaced	68.445
Percentage AS Surfaced	87.20%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	4.029

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	64.416	461.373	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	782.984	Rural Open Roads All Systems	846.728
Secondary Open Miles	769.500	Rural Primary Miles	77.228
Secondary Legal Not Open (LNO) Miles	13.484	Rural Open Surfaced Miles	766.635
Secondary Open Surfaced Miles	689.407	Total New/Resurfaced Rural Miles 2004	2.347
Secondary Open Not Surfaced Miles	80.094	Total Unknown Surface Type Rural Miles	13.484
Percentage Surfaced Secondary Roads	88.05%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	80.094	519.870	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	460.150
AS Miles Open	446.666
AS Miles LNO	13.484
AS Miles Surfaced	366.573
AS Miles Not Surfaced	93.577
Percentage AS Surfaced	79.66%
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	80.094	345.841	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
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COUNTY MILES SUMMARY

Secondary Miles	906.633	Rural Open Roads All Systems	993.292
Secondary Open Miles	902.225	Rural Primary Miles	91.067
Secondary Legal Not Open (LNO) Miles	4.408	Rural Open Surfaced Miles	982.013
Secondary Open Surfaced Miles	890.946	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	98.27%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	11.279	662.719	0.582	132.170	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	294.297
FM Miles Open	294.297
FM Miles LNO	0.000
FM Miles Surfaced	294.297
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	85.999	0.000	121.258	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	612.336
AS Miles Open	607.928
AS Miles LNO	4.408
AS Miles Surfaced	596.649
AS Miles Not Surfaced	15.687
Percentage AS Surfaced	97.44%
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	576.720	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

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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	644.604	Rural Open Roads All Systems	683.391
Secondary Open Miles	639.011	Rural Primary Miles	44.380
Secondary Legal Not Open (LNO) Miles	5.351	Rural Open Surfaced Miles	662.799
Secondary Open Surfaced Miles	618.419	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	95.94%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	20.592	437.878	10.077	104.571	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	223.854
FM Miles Open	223.854
FM Miles LNO	0.000
FM Miles Surfaced	223.854
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	78.971	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	420.750
AS Miles Open	415.157
AS Miles LNO	5.593
AS Miles Surfaced	394.565
AS Miles Not Surfaced	25.943
Percentage AS Surfaced	93.78%
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	350.691	8.105	25.600	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	781.318	Rural Open Roads All Systems	880.608
Secondary Open Miles	771.348	Rural Primary Miles	109.260
Secondary Legal Not Open (LNO) Miles	9.970	Rural Open Surfaced Miles	875.117
Secondary Open Surfaced Miles	765.857	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	98.02%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	5.204	322.609	211.159	172.828	59.446	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	321.453
FM Miles Open	321.453
FM Miles LNO	0.000
FM Miles Surfaced	321.453
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	6.095
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	39.857	89.521	140.855	51.118	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	459.865
AS Miles Open	449.895
AS Miles LNO	9.970
AS Miles Surfaced	444.691
AS Miles Not Surfaced	16.713
Percentage AS Surfaced	96.70%
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	282.752	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	635.787	Rural Open Roads All Systems	687.552
Secondary Open Miles	634.923	Rural Primary Miles	52.629
Secondary Legal Not Open (LNO) Miles	0.864	Rural Open Surfaced Miles	682.915
Secondary Open Surfaced Miles	630.286	Total New/Resurfaced Rural Miles 2004	3.382
Secondary Open Not Surfaced Miles	4.637	Total Unknown Surface Type Rural Miles	0.864
Percentage Surfaced Secondary Roads	99.13%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	4.637	447.443	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	454.907
AS Miles Open	454.043
AS Miles LNO	0.864
AS Miles Surfaced	449.406
AS Miles Not Surfaced	5.501
Percentage AS Surfaced	98.79%
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	4.637	436.410	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	1,136.070	Rural Open Roads All Systems	1,249.629
Secondary Open Miles	1,131.751	Rural Primary Miles	117.878
Secondary Legal Not Open (LNO) Miles	4.320	Rural Open Surfaced Miles	1,249.231
Secondary Open Surfaced Miles	1,131.353	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	99.58%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.342	897.708	2.405	160.958	70.282	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	357.811
FM Miles Open	357.811
FM Miles LNO	0.000
FM Miles Surfaced	357.755
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	7.214
FM Miles Unknown Surface Type	0.056

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	129.738	0.267	159.317	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	778.259
AS Miles Open	773.940
AS Miles LNO	4.320
AS Miles Surfaced	773.598
AS Miles Not Surfaced	4.911
Percentage AS Surfaced	99.40%
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	767.970	2.138	1.641	1.849	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	876.498	Rural Open Roads All Systems	933.419
Secondary Open Miles	874.231	Rural Primary Miles	59.188
Secondary Legal Not Open (LNO) Miles	2.267	Rural Open Surfaced Miles	931.397
Secondary Open Surfaced Miles	872.209	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	99.51%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	2.022	698.762	2.901	129.205	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	251.264
FM Miles Open	251.264
FM Miles LNO	0.000
FM Miles Surfaced	251.264
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	109.369	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	625.234
AS Miles Open	622.967
AS Miles LNO	2.267
AS Miles Surfaced	620.945
AS Miles Not Surfaced	4.289
Percentage AS Surfaced	99.31%
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	589.393	2.461	22.521	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	995.477	Rural Open Roads All Systems	1,061.810
Secondary Open Miles	992.262	Rural Primary Miles	69.548
Secondary Legal Not Open (LNO) Miles	3.215	Rural Open Surfaced Miles	1,049.392
Secondary Open Surfaced Miles	979.844	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	98.43%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	12.418	771.050	0.000	164.721	44.074	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	364.823
FM Miles Open	364.823
FM Miles LNO	0.000
FM Miles Surfaced	364.823
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	163.823	0.000	158.331	42.669	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	630.655
AS Miles Open	627.440
AS Miles LNO	3.215
AS Miles Surfaced	615.022
AS Miles Not Surfaced	15.594
Percentage AS Surfaced	97.52%
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	607.227	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	782.837	Rural Open Roads All Systems	866.163
Secondary Open Miles	779.064	Rural Primary Miles	87.099
Secondary Legal Not Open (LNO) Miles	3.773	Rural Open Surfaced Miles	736.342
Secondary Open Surfaced Miles	649.243	Total New/Resurfaced Rural Miles 2004	0.431
Secondary Open Not Surfaced Miles	129.821	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	129.821	442.146	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	497.342
AS Miles Open	493.569
AS Miles LNO	3.773
AS Miles Surfaced	363.748
AS Miles Not Surfaced	133.594
Percentage AS Surfaced	73.14%
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	129.821	351.993	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

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COUNTY MILES SUMMARY

Secondary Miles	949.863	Rural Open Roads All Systems	1,021.129
Secondary Open Miles	945.200	Rural Primary Miles	75.929
Secondary Legal Not Open (LNO) Miles	4.663	Rural Open Surfaced Miles	1,016.632
Secondary Open Surfaced Miles	940.703	Total New/Resurfaced Rural Miles 2004	11.818
Secondary Open Not Surfaced Miles	4.497	Total Unknown Surface Type Rural Miles	4.663
Percentage Surfaced Secondary Roads	99.04%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	4.497	727.771	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	320.453
FM Miles Open	320.453
FM Miles LNO	0.000
FM Miles Surfaced	320.453
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	108.931	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	629.410
AS Miles Open	624.747
AS Miles LNO	4.663
AS Miles Surfaced	620.250
AS Miles Not Surfaced	9.160
Percentage AS Surfaced	98.54%
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	4.497	618.840	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	817.708	Rural Open Roads All Systems	893.514
Secondary Open Miles	817.416	Rural Primary Miles	76.099
Secondary Legal Not Open (LNO) Miles	0.292	Rural Open Surfaced Miles	881.421
Secondary Open Surfaced Miles	805.323	Total New/Resurfaced Rural Miles 2004	18.866
Secondary Open Not Surfaced Miles	12.093	Total Unknown Surface Type Rural Miles	0.292
Percentage Surfaced Secondary Roads	98.49%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	12.093	614.459	1.516	174.927	14.421	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	278.193
FM Miles Open	278.193
FM Miles LNO	0.000
FM Miles Surfaced	278.193
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	88.850	1.162	174.078	14.103	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	539.515
AS Miles Open	539.223
AS Miles LNO	0.292
AS Miles Surfaced	527.130
AS Miles Not Surfaced	12.385
Percentage AS Surfaced	97.70%
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	12.093	525.609	0.354	0.849	0.318	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	944.175	Rural Open Roads All Systems	1,013.824
Secondary Open Miles	935.465	Rural Primary Miles	78.359
Secondary Legal Not Open (LNO) Miles	8.710	Rural Open Surfaced Miles	945.656
Secondary Open Surfaced Miles	867.297	Total New/Resurfaced Rural Miles 2004	0.000
Secondary Open Not Surfaced Miles	68.169	Total Unknown Surface Type Rural Miles	8.710
Percentage Surfaced Secondary Roads	91.86%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	68.169	724.740	0.889	57.093	84.488	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	303.794
FM Miles Open	303.794
FM Miles LNO	0.000
FM Miles Surfaced	303.794
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	169.377	0.143	56.684	77.503	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	640.381
AS Miles Open	631.671
AS Miles LNO	8.710
AS Miles Surfaced	563.503
AS Miles Not Surfaced	76.879
Percentage AS Surfaced	87.99%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	8.710

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	68.169	555.363	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	913.576	Rural Open Roads All Systems	1,037.140
Secondary Open Miles	912.831	Rural Primary Miles	124.309
Secondary Legal Not Open (LNO) Miles	0.745	Rural Open Surfaced Miles	1,035.885
Secondary Open Surfaced Miles	911.576	Total New/Resurfaced Rural Miles 2004	5.041
Secondary Open Not Surfaced Miles	1.255	Total Unknown Surface Type Rural Miles	0.745
Percentage Surfaced Secondary Roads	99.78%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	1.255	698.637	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	571.884
AS Miles Open	571.139
AS Miles LNO	0.745
AS Miles Surfaced	569.884
AS Miles Not Surfaced	2.000
Percentage AS Surfaced	99.65%
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	1.255	568.270	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	1,003.543	Rural Open Roads All Systems	1,047.864
Secondary Open Miles	997.574	Rural Primary Miles	50.290
Secondary Legal Not Open (LNO) Miles	5.969	Rural Open Surfaced Miles	1,042.300
Secondary Open Surfaced Miles	992.010	Total New/Resurfaced Rural Miles 2004	15.193
Secondary Open Not Surfaced Miles	5.564	Total Unknown Surface Type Rural Miles	5.838
Percentage Surfaced Secondary Roads	98.85%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	5.564	739.672	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	317.537
FM Miles Open	317.537
FM Miles LNO	0.131
FM Miles Surfaced	317.537
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	75.730	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	685.875
AS Miles Open	680.037
AS Miles LNO	5.838
AS Miles Surfaced	674.473
AS Miles Not Surfaced	11.402
Percentage AS Surfaced	98.34%
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	5.564	663.942	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	995.751	Rural Open Roads All Systems	1,067.772
Secondary Open Miles	992.481	Rural Primary Miles	75.291
Secondary Legal Not Open (LNO) Miles	3.270	Rural Open Surfaced Miles	1,063.240
Secondary Open Surfaced Miles	987.949	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	99.22%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	4.532	773.881	3.903	183.746	26.419	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	386.221
FM Miles Open	386.221
FM Miles LNO	0.000
FM Miles Surfaced	386.221
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	177.472	2.218	180.112	26.419	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	609.530
AS Miles Open	606.260
AS Miles LNO	3.270
AS Miles Surfaced	601.728
AS Miles Not Surfaced	7.565
Percentage AS Surfaced	98.72%
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	596.409	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	1,106.351	Rural Open Roads All Systems	1,197.612
Secondary Open Miles	1,088.188	Rural Primary Miles	109.424
Secondary Legal Not Open (LNO) Miles	18.163	Rural Open Surfaced Miles	1,060.127
Secondary Open Surfaced Miles	950.703	Total New/Resurfaced Rural Miles 2004	2.889
Secondary Open Not Surfaced Miles	137.485	Total Unknown Surface Type Rural Miles	16.833
Percentage Surfaced Secondary Roads	85.93%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	137.485	783.224	59.654	71.156	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	365.849
FM Miles Open	365.849
FM Miles LNO	0.000
FM Miles Surfaced	365.631
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	205.544	52.714	70.757	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	740.502
AS Miles Open	722.339
AS Miles LNO	18.163
AS Miles Surfaced	585.072
AS Miles Not Surfaced	155.430
Percentage AS Surfaced	79.01%
Total New/Resurfaced AS Miles 2004	0.162
AS Miles Unknown Surface Type	16.833

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	137.267	577.680	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	738.942	Rural Open Roads All Systems	800.299
Secondary Open Miles	735.459	Rural Primary Miles	64.840
Secondary Legal Not Open (LNO) Miles	3.483	Rural Open Surfaced Miles	734.793
Secondary Open Surfaced Miles	669.953	Total New/Resurfaced Rural Miles 2004	0.546
Secondary Open Not Surfaced Miles	65.506	Total Unknown Surface Type Rural Miles	3.483
Percentage Surfaced Secondary Roads	90.66%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	65.506	540.138	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	269.989
FM Miles Open	269.989
FM Miles LNO	0.516
FM Miles Surfaced	269.989
FM Miles Not Surfaced	0.516
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	0.516

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	156.501	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	468.437
AS Miles Open	465.470
AS Miles LNO	2.967
AS Miles Surfaced	399.964
AS Miles Not Surfaced	68.473
Percentage AS Surfaced	85.38%
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	65.506	383.637	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	741.763	Rural Open Roads All Systems	780.303
Secondary Open Miles	738.132	Rural Primary Miles	42.171
Secondary Legal Not Open (LNO) Miles	3.631	Rural Open Surfaced Miles	778.573
Secondary Open Surfaced Miles	736.402	Total New/Resurfaced Rural Miles 2004	3.002
Secondary Open Not Surfaced Miles	1.730	Total Unknown Surface Type Rural Miles	3.531
Percentage Surfaced Secondary Roads	99.28%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	1.730	620.076	4.224	105.929	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	234.914
FM Miles Open	234.914
FM Miles LNO	0.000
FM Miles Surfaced	234.914
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	122.566	2.030	104.425	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	506.849
AS Miles Open	503.218
AS Miles LNO	3.631
AS Miles Surfaced	501.488
AS Miles Not Surfaced	5.261
Percentage AS Surfaced	98.94%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	3.531

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	1.730	497.510	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	716.110	Rural Open Roads All Systems	754.198
Secondary Open Miles	715.333	Rural Primary Miles	38.865
Secondary Legal Not Open (LNO) Miles	0.777	Rural Open Surfaced Miles	753.539
Secondary Open Surfaced Miles	714.674	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	511.830	0.249	201.893	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	505.144
AS Miles Open	504.367
AS Miles LNO	0.777
AS Miles Surfaced	503.709
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	491.302	0.249	12.158	0.000	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	0.000	2.014	0.000	0.000

IDA

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COUNTY MILES SUMMARY

Secondary Miles	715.998	Rural Open Roads All Systems	767.231
Secondary Open Miles	708.530	Rural Primary Miles	58.701
Secondary Legal Not Open (LNO) Miles	7.468	Rural Open Surfaced Miles	717.839
Secondary Open Surfaced Miles	659.139	Total New/Resurfaced Rural Miles 2004	15.600
Secondary Open Not Surfaced Miles	49.392	Total Unknown Surface Type Rural Miles	7.468
Percentage Surfaced Secondary Roads	92.06%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	49.392	533.458	0.000	60.557	65.124	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	225.514
FM Miles Open	225.514
FM Miles LNO	0.000
FM Miles Surfaced	225.514
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	59.924	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	490.484
AS Miles Open	483.016
AS Miles LNO	7.468
AS Miles Surfaced	433.625
AS Miles Not Surfaced	56.859
Percentage AS Surfaced	88.41%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	7.468

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	49.392	428.276	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	925.138	Rural Open Roads All Systems	1,020.195
Secondary Open Miles	916.603	Rural Primary Miles	103.592
Secondary Legal Not Open (LNO) Miles	8.535	Rural Open Surfaced Miles	948.051
Secondary Open Surfaced Miles	844.459	Total New/Resurfaced Rural Miles 2004	4.861
Secondary Open Not Surfaced Miles	72.145	Total Unknown Surface Type Rural Miles	8.535
Percentage Surfaced Secondary Roads	91.28%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	72.145	690.848	3.680	51.397	98.535	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	353.730
FM Miles Open	353.730
FM Miles LNO	0.000
FM Miles Surfaced	353.338
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	212.956	3.136	44.675	92.572	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	571.408
AS Miles Open	562.873
AS Miles LNO	8.535
AS Miles Surfaced	491.121
AS Miles Not Surfaced	80.288
Percentage AS Surfaced	85.95%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	8.535

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	71.753	477.892	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	844.614	Rural Open Roads All Systems	941.666
Secondary Open Miles	838.372	Rural Primary Miles	103.294
Secondary Legal Not Open (LNO) Miles	6.242	Rural Open Surfaced Miles	903.676
Secondary Open Surfaced Miles	800.382	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	94.76%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	37.990	616.183	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	500.095
AS Miles Open	493.853
AS Miles LNO	6.242
AS Miles Surfaced	457.280
AS Miles Not Surfaced	42.815
Percentage AS Surfaced	91.44%
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	440.241	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

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COUNTY MILES SUMMARY

Secondary Miles	1,217.671	Rural Open Roads All Systems	1,337.175
Secondary Open Miles	1,210.560	Rural Primary Miles	126.615
Secondary Legal Not Open (LNO) Miles	7.111	Rural Open Surfaced Miles	1,289.332
Secondary Open Surfaced Miles	1,162.717	Total New/Resurfaced Rural Miles 2004	22.619
Secondary Open Not Surfaced Miles	47.843	Total Unknown Surface Type Rural Miles	7.111
Percentage Surfaced Secondary Roads	95.49%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	47.843	927.001	14.680	138.972	82.065	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	407.214
FM Miles Open	407.214
FM Miles LNO	0.000
FM Miles Surfaced	407.214
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	208.148	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	810.457
AS Miles Open	803.346
AS Miles LNO	7.111
AS Miles Surfaced	755.503
AS Miles Not Surfaced	54.954
Percentage AS Surfaced	93.22%
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	47.843	718.853	12.473	18.687	5.491	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	748.672	Rural Open Roads All Systems	789.189
Secondary Open Miles	748.672	Rural Primary Miles	40.517
Secondary Legal Not Open (LNO) Miles	0.000	Rural Open Surfaced Miles	691.408
Secondary Open Surfaced Miles	650.891	Total New/Resurfaced Rural Miles 2004	0.000
Secondary Open Not Surfaced Miles	97.781	Total Unknown Surface Type Rural Miles	0.000
Percentage Surfaced Secondary Roads	86.94%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	97.781	506.961	11.489	68.694	63.747	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	288.064
FM Miles Open	288.064
FM Miles LNO	0.000
FM Miles Surfaced	286.168
FM Miles Not Surfaced	1.896
Percentage FM Surfaced	99.34%
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	158.333	8.711	59.613	59.511	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	460.608
AS Miles Open	460.608
AS Miles LNO	0.000
AS Miles Surfaced	364.723
AS Miles Not Surfaced	95.885
Percentage AS Surfaced	79.18%
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	95.885	348.628	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

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COUNTY MILES SUMMARY

Secondary Miles	920.600	Rural Open Roads All Systems	1,011.145
Secondary Open Miles	918.818	Rural Primary Miles	92.327
Secondary Legal Not Open (LNO) Miles	1.782	Rural Open Surfaced Miles	969.593
Secondary Open Surfaced Miles	877.266	Total New/Resurfaced Rural Miles 2004	1.756
Secondary Open Not Surfaced Miles	41.553	Total Unknown Surface Type Rural Miles	1.782
Percentage Surfaced Secondary Roads	95.29%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	41.533	581.266	121.430	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	323.105
FM Miles Open	323.105
FM Miles LNO	0.000
FM Miles Surfaced	323.105
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	68.539	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	597.495
AS Miles Open	595.714
AS Miles LNO	1.782
AS Miles Surfaced	554.161
AS Miles Not Surfaced	43.334
Percentage AS Surfaced	92.75%
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	41.533	512.727	30.606	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	839.797	Rural Open Roads All Systems	936.033
Secondary Open Miles	835.552	Rural Primary Miles	100.481
Secondary Legal Not Open (LNO) Miles	4.245	Rural Open Surfaced Miles	909.369
Secondary Open Surfaced Miles	808.888	Total New/Resurfaced Rural Miles 2004	2.722
Secondary Open Not Surfaced Miles	26.664	Total Unknown Surface Type Rural Miles	4.134
Percentage Surfaced Secondary Roads	96.32%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	26.664	648.276	2.458	21.067	137.088	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	311.130
FM Miles Open	311.130
FM Miles LNO	0.000
FM Miles Surfaced	309.470
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	167.081	0.480	8.976	132.933	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	528.667
AS Miles Open	524.422
AS Miles LNO	4.245
AS Miles Surfaced	499.418
AS Miles Not Surfaced	29.138
Percentage AS Surfaced	94.47%
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	25.004	481.195	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

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COUNTY MILES SUMMARY

Secondary Miles	916.851	Rural Open Roads All Systems	1,023.042
Secondary Open Miles	912.165	Rural Primary Miles	110.877
Secondary Legal Not Open (LNO) Miles	4.687	Rural Open Surfaced Miles	925.720
Secondary Open Surfaced Miles	814.843	Total New/Resurfaced Rural Miles 2004	2.952
Secondary Open Not Surfaced Miles	97.322	Total Unknown Surface Type Rural Miles	4.687
Percentage Surfaced Secondary Roads	88.87%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	97.322	721.300	0.827	6.782	85.934	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	325.007
FM Miles Open	325.007
FM Miles LNO	0.000
FM Miles Surfaced	325.007
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	232.570	0.249	6.751	85.437	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	591.844
AS Miles Open	587.158
AS Miles LNO	4.687
AS Miles Surfaced	489.836
AS Miles Not Surfaced	102.009
Percentage AS Surfaced	82.76%
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	97.322	488.730	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	1,644.298	Rural Open Roads All Systems	1,746.978
Secondary Open Miles	1,642.816	Rural Primary Miles	104.162
Secondary Legal Not Open (LNO) Miles	1.482	Rural Open Surfaced Miles	1,713.110
Secondary Open Surfaced Miles	1,608.948	Total New/Resurfaced Rural Miles 2004	25.816
Secondary Open Not Surfaced Miles	33.868	Total Unknown Surface Type Rural Miles	1.482
Percentage Surfaced Secondary Roads	97.85%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	33.868	1,109.483	0.162	495.187	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	471.559
FM Miles Open	471.559
FM Miles LNO	0.000
FM Miles Surfaced	471.559
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	2.443
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	64.872	0.000	405.393	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	1,172.739
AS Miles Open	1,171.257
AS Miles LNO	1.482
AS Miles Surfaced	1,137.389
AS Miles Not Surfaced	35.350
Percentage AS Surfaced	96.99%
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	33.868	1,044.611	0.162	89.794	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	1,153.811	Rural Open Roads All Systems	1,232.630
Secondary Open Miles	1,143.283	Rural Primary Miles	89.347
Secondary Legal Not Open (LNO) Miles	10.528	Rural Open Surfaced Miles	1,215.349
Secondary Open Surfaced Miles	1,126.002	Total New/Resurfaced Rural Miles 2004	20.328
Secondary Open Not Surfaced Miles	17.281	Total Unknown Surface Type Rural Miles	10.528
Percentage Surfaced Secondary Roads	97.59%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	16.427	766.365	93.899	216.795	49.798	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	343.863
FM Miles Open	343.863
FM Miles LNO	0.000
FM Miles Surfaced	343.863
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	79.334	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	809.948
AS Miles Open	799.420
AS Miles LNO	10.528
AS Miles Surfaced	782.993
AS Miles Not Surfaced	31.125
Percentage AS Surfaced	96.67%
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	16.427	687.031	45.656	44.369	5.937	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	580.538	Rural Open Roads All Systems	622.432
Secondary Open Miles	578.207	Rural Primary Miles	44.225
Secondary Legal Not Open (LNO) Miles	2.331	Rural Open Surfaced Miles	584.420
Secondary Open Surfaced Miles	540.195	Total New/Resurfaced Rural Miles 2004	4.090
Secondary Open Not Surfaced Miles	38.012	Total Unknown Surface Type Rural Miles	2.331
Percentage Surfaced Secondary Roads	93.05%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	38.012	402.088	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	242.006
FM Miles Open	242.006
FM Miles LNO	0.000
FM Miles Surfaced	242.006
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	129.331	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	338.532
AS Miles Open	336.201
AS Miles LNO	2.331
AS Miles Surfaced	298.189
AS Miles Not Surfaced	40.343
Percentage AS Surfaced	88.08%
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	38.012	272.757	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	618.348	Rural Open Roads All Systems	674.478
Secondary Open Miles	614.626	Rural Primary Miles	59.852
Secondary Legal Not Open (LNO) Miles	3.722	Rural Open Surfaced Miles	588.328
Secondary Open Surfaced Miles	528.476	Total New/Resurfaced Rural Miles 2004	0.522
Secondary Open Not Surfaced Miles	86.151	Total Unknown Surface Type Rural Miles	3.722
Percentage Surfaced Secondary Roads	85.47%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	86.151	476.552	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	212.747
FM Miles Open	212.747
FM Miles LNO	0.000
FM Miles Surfaced	212.747
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	161.125	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	405.602
AS Miles Open	401.880
AS Miles LNO	3.722
AS Miles Surfaced	315.729
AS Miles Not Surfaced	89.935
Percentage AS Surfaced	77.84%
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	86.151	315.427	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	989.100	Rural Open Roads All Systems	1,052.220
Secondary Open Miles	987.446	Rural Primary Miles	64.774
Secondary Legal Not Open (LNO) Miles	1.654	Rural Open Surfaced Miles	1,048.964
Secondary Open Surfaced Miles	984.190	Total New/Resurfaced Rural Miles 2004	20.425
Secondary Open Not Surfaced Miles	3.256	Total Unknown Surface Type Rural Miles	1.654
Percentage Surfaced Secondary Roads	99.50%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	3.256	732.189	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	326.450
FM Miles Open	326.450
FM Miles LNO	0.000
FM Miles Surfaced	326.450
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	86.606	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	662.650
AS Miles Open	660.996
AS Miles LNO	1.654
AS Miles Surfaced	657.740
AS Miles Not Surfaced	4.910
Percentage AS Surfaced	99.26%
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	3.256	645.583	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	908.051	Rural Open Roads All Systems	951.364
Secondary Open Miles	901.357	Rural Primary Miles	50.007
Secondary Legal Not Open (LNO) Miles	6.694	Rural Open Surfaced Miles	906.667
Secondary Open Surfaced Miles	856.660	Total New/Resurfaced Rural Miles 2004	2.076
Secondary Open Not Surfaced Miles	44.697	Total Unknown Surface Type Rural Miles	6.694
Percentage Surfaced Secondary Roads	94.34%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	44.697	741.450	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	319.662
FM Miles Open	319.662
FM Miles LNO	0.000
FM Miles Surfaced	319.662
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	6.515
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	204.521	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	588.389
AS Miles Open	581.695
AS Miles LNO	6.694
AS Miles Surfaced	536.998
AS Miles Not Surfaced	51.910
Percentage AS Surfaced	91.27%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	6.694

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	44.697	536.930	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	978.283	Rural Open Roads All Systems	1,040.955
Secondary Open Miles	962.375	Rural Primary Miles	78.580
Secondary Legal Not Open (LNO) Miles	15.909	Rural Open Surfaced Miles	1,008.810
Secondary Open Surfaced Miles	930.230	Total New/Resurfaced Rural Miles 2004	3.941
Secondary Open Not Surfaced Miles	32.145	Total Unknown Surface Type Rural Miles	12.239
Percentage Surfaced Secondary Roads	95.09%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	32.145	806.532	0.000	43.546	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	293.963
FM Miles Open	293.963
FM Miles LNO	0.000
FM Miles Surfaced	293.963
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	198.602	0.000	40.813	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	684.320
AS Miles Open	668.412
AS Miles LNO	15.909
AS Miles Surfaced	636.267
AS Miles Not Surfaced	47.300
Percentage AS Surfaced	92.98%
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	32.145	607.930	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	867.452	Rural Open Roads All Systems	941.816
Secondary Open Miles	858.492	Rural Primary Miles	83.325
Secondary Legal Not Open (LNO) Miles	8.960	Rural Open Surfaced Miles	900.065
Secondary Open Surfaced Miles	816.741	Total New/Resurfaced Rural Miles 2004	2.904
Secondary Open Not Surfaced Miles	41.751	Total Unknown Surface Type Rural Miles	7.779
Percentage Surfaced Secondary Roads	94.15%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	41.751	649.580	33.121	67.928	66.112	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	301.093
FM Miles Open	301.093
FM Miles LNO	0.068
FM Miles Surfaced	301.093
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	188.314	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	566.291
AS Miles Open	557.399
AS Miles LNO	8.892
AS Miles Surfaced	515.648
AS Miles Not Surfaced	49.462
Percentage AS Surfaced	91.06%
Total New/Resurfaced AS Miles 2004	1.425
AS Miles Unknown Surface Type	7.711

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	41.751	461.266	23.748	18.488	12.146	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	922.429	Rural Open Roads All Systems	1,002.368
Secondary Open Miles	917.163	Rural Primary Miles	85.205
Secondary Legal Not Open (LNO) Miles	5.266	Rural Open Surfaced Miles	981.215
Secondary Open Surfaced Miles	896.010	Total New/Resurfaced Rural Miles 2004	5.986
Secondary Open Not Surfaced Miles	21.153	Total Unknown Surface Type Rural Miles	4.981
Percentage Surfaced Secondary Roads	97.14%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	21.153	694.591	1.557	179.222	20.640	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	602.531
AS Miles Open	597.277
AS Miles LNO	5.254
AS Miles Surfaced	576.124
AS Miles Not Surfaced	26.122
Percentage AS Surfaced	95.62%
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	21.153	563.249	1.308	9.401	2.166	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	668.219	Rural Open Roads All Systems	746.940
Secondary Open Miles	667.769	Rural Primary Miles	79.171
Secondary Legal Not Open (LNO) Miles	0.450	Rural Open Surfaced Miles	674.887
Secondary Open Surfaced Miles	595.716	Total New/Resurfaced Rural Miles 2004	3.335
Secondary Open Not Surfaced Miles	72.054	Total Unknown Surface Type Rural Miles	0.450
Percentage Surfaced Secondary Roads	89.15%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	72.054	434.819	79.878	38.507	42.431	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	247.472
FM Miles Open	247.472
FM Miles LNO	0.000
FM Miles Surfaced	247.472
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	40.979	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	420.747
AS Miles Open	420.297
AS Miles LNO	0.450
AS Miles Surfaced	348.244
AS Miles Not Surfaced	72.504
Percentage AS Surfaced	82.77%
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	72.054	336.253	6.623	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	770.522	Rural Open Roads All Systems	818.188
Secondary Open Miles	767.827	Rural Primary Miles	50.361
Secondary Legal Not Open (LNO) Miles	2.695	Rural Open Surfaced Miles	813.432
Secondary Open Surfaced Miles	763.071	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	99.03%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	4.756	571.705	3.187	159.590	28.590	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	235.379
FM Miles Open	235.379
FM Miles LNO	0.000
FM Miles Surfaced	235.379
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	57.523	0.000	149.266	28.590	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	535.144
AS Miles Open	532.449
AS Miles LNO	2.695
AS Miles Surfaced	527.693
AS Miles Not Surfaced	7.451
Percentage AS Surfaced	98.61%
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	514.182	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	1,058.321	Rural Open Roads All Systems	1,158.503
Secondary Open Miles	1,050.469	Rural Primary Miles	108.034
Secondary Legal Not Open (LNO) Miles	7.852	Rural Open Surfaced Miles	1,062.563
Secondary Open Surfaced Miles	954.529	Total New/Resurfaced Rural Miles 2004	8.060
Secondary Open Not Surfaced Miles	95.940	Total Unknown Surface Type Rural Miles	7.852
Percentage Surfaced Secondary Roads	90.19%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	95.940	763.594	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	352.889
FM Miles Open	352.889
FM Miles LNO	0.000
FM Miles Surfaced	352.889
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	164.828	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	705.432
AS Miles Open	697.580
AS Miles LNO	7.852
AS Miles Surfaced	601.640
AS Miles Not Surfaced	103.792
Percentage AS Surfaced	85.29%
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	95.940	598.766	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	610.603	Rural Open Roads All Systems	643.048
Secondary Open Miles	590.193	Rural Primary Miles	52.855
Secondary Legal Not Open (LNO) Miles	20.410	Rural Open Surfaced Miles	600.687
Secondary Open Surfaced Miles	547.832	Total New/Resurfaced Rural Miles 2004	0.000
Secondary Open Not Surfaced Miles	42.361	Total Unknown Surface Type Rural Miles	20.171
Percentage Surfaced Secondary Roads	89.72%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	42.361	495.901	4.027	2.363	45.541	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	266.933
FM Miles Open	266.933
FM Miles LNO	0.000
FM Miles Surfaced	266.933
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	226.444	3.667	1.393	35.429	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	343.670
AS Miles Open	323.260
AS Miles LNO	20.410
AS Miles Surfaced	280.899
AS Miles Not Surfaced	62.532
Percentage AS Surfaced	81.74%
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	42.361	269.457	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	713.866	Rural Open Roads All Systems	775.053
Secondary Open Miles	713.537	Rural Primary Miles	61.516
Secondary Legal Not Open (LNO) Miles	0.329	Rural Open Surfaced Miles	670.105
Secondary Open Surfaced Miles	608.589	Total New/Resurfaced Rural Miles 2004	0.000
Secondary Open Not Surfaced Miles	104.948	Total Unknown Surface Type Rural Miles	0.329
Percentage Surfaced Secondary Roads	85.25%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	104.948	501.309	0.728	74.991	31.561	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	223.919
FM Miles Open	223.919
FM Miles LNO	0.000
FM Miles Surfaced	223.919
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	121.031	0.597	71.750	30.541	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	489.947
AS Miles Open	489.618
AS Miles LNO	0.329
AS Miles Surfaced	384.670
AS Miles Not Surfaced	105.277
Percentage AS Surfaced	78.51%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	0.329

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	104.948	380.278	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	612.266	Rural Open Roads All Systems	697.600
Secondary Open Miles	610.112	Rural Primary Miles	87.488
Secondary Legal Not Open (LNO) Miles	2.154	Rural Open Surfaced Miles	679.632
Secondary Open Surfaced Miles	592.144	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	96.71%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	17.968	410.394	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	224.206
FM Miles Open	224.206
FM Miles LNO	0.075
FM Miles Surfaced	224.206
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	78.732	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	387.985
AS Miles Open	385.906
AS Miles LNO	2.079
AS Miles Surfaced	367.938
AS Miles Not Surfaced	20.047
Percentage AS Surfaced	94.83%
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	331.662	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	1,002.021	Rural Open Roads All Systems	1,072.416
Secondary Open Miles	995.290	Rural Primary Miles	77.126
Secondary Legal Not Open (LNO) Miles	6.731	Rural Open Surfaced Miles	1,017.247
Secondary Open Surfaced Miles	940.121	Total New/Resurfaced Rural Miles 2004	29.438
Secondary Open Not Surfaced Miles	55.169	Total Unknown Surface Type Rural Miles	6.731
Percentage Surfaced Secondary Roads	93.82%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	55.169	725.135	0.000	191.553	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	311.163
FM Miles Open	311.163
FM Miles LNO	0.000
FM Miles Surfaced	311.163
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	188.010	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	690.859
AS Miles Open	684.128
AS Miles LNO	6.731
AS Miles Surfaced	628.959
AS Miles Not Surfaced	61.900
Percentage AS Surfaced	91.04%
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	55.169	625.036	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	706.287	Rural Open Roads All Systems	762.752
Secondary Open Miles	705.989	Rural Primary Miles	56.763
Secondary Legal Not Open (LNO) Miles	0.298	Rural Open Surfaced Miles	717.212
Secondary Open Surfaced Miles	660.449	Total New/Resurfaced Rural Miles 2004	14.052
Secondary Open Not Surfaced Miles	45.540	Total Unknown Surface Type Rural Miles	0.298
Percentage Surfaced Secondary Roads	93.51%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	45.540	462.250	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	461.714
AS Miles Open	461.416
AS Miles LNO	0.298
AS Miles Surfaced	415.876
AS Miles Not Surfaced	45.838
Percentage AS Surfaced	90.07%
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	45.540	405.804	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	920.624	Rural Open Roads All Systems	978.314
Secondary Open Miles	916.802	Rural Primary Miles	61.512
Secondary Legal Not Open (LNO) Miles	3.822	Rural Open Surfaced Miles	821.113
Secondary Open Surfaced Miles	759.602	Total New/Resurfaced Rural Miles 2004	8.891
Secondary Open Not Surfaced Miles	157.201	Total Unknown Surface Type Rural Miles	3.822
Percentage Surfaced Secondary Roads	82.51%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	157.165	547.759	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	326.309
FM Miles Open	326.309
FM Miles LNO	0.000
FM Miles Surfaced	326.309
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	121.298	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	594.315
AS Miles Open	590.493
AS Miles LNO	3.822
AS Miles Surfaced	433.329
AS Miles Not Surfaced	161.022
Percentage AS Surfaced	72.91%
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	157.165	426.462	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	936.674	Rural Open Roads All Systems	978.631
Secondary Open Miles	933.245	Rural Primary Miles	45.386
Secondary Legal Not Open (LNO) Miles	3.429	Rural Open Surfaced Miles	978.383
Secondary Open Surfaced Miles	932.997	Total New/Resurfaced Rural Miles 2004	2.990
Secondary Open Not Surfaced Miles	0.249	Total Unknown Surface Type Rural Miles	2.992
Percentage Surfaced Secondary Roads	99.61%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.249	754.841	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	624.298
AS Miles Open	620.869
AS Miles LNO	3.429
AS Miles Surfaced	620.620
AS Miles Not Surfaced	3.678
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	0.249	611.484	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	1,409.488	Rural Open Roads All Systems	1,516.795
Secondary Open Miles	1,406.450	Rural Primary Miles	110.345
Secondary Legal Not Open (LNO) Miles	3.039	Rural Open Surfaced Miles	1,475.626
Secondary Open Surfaced Miles	1,365.281	Total New/Resurfaced Rural Miles 2004	10.035
Secondary Open Not Surfaced Miles	41.169	Total Unknown Surface Type Rural Miles	3.039
Percentage Surfaced Secondary Roads	96.86%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	41.169	1,006.546	0.848	262.644	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	364.061
FM Miles Open	364.061
FM Miles LNO	0.000
FM Miles Surfaced	364.061
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	24.284	0.000	249.199	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	1,045.427
AS Miles Open	1,042.389
AS Miles LNO	3.039
AS Miles Surfaced	1,001.220
AS Miles Not Surfaced	44.208
Percentage AS Surfaced	95.77%
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	41.169	982.262	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	987.783	Rural Open Roads All Systems	1,071.654
Secondary Open Miles	987.490	Rural Primary Miles	84.164
Secondary Legal Not Open (LNO) Miles	0.293	Rural Open Surfaced Miles	1,053.838
Secondary Open Surfaced Miles	969.674	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	98.17%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	17.816	781.791	0.000	82.780	105.103	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	300.180
FM Miles Open	300.180
FM Miles LNO	0.000
FM Miles Surfaced	300.180
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	120.134	0.000	81.549	98.497	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	687.603
AS Miles Open	687.310
AS Miles LNO	0.293
AS Miles Surfaced	669.494
AS Miles Not Surfaced	18.109
Percentage AS Surfaced	97.37%
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	661.657	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

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COUNTY MILES SUMMARY

Secondary Miles	757.682	Rural Open Roads All Systems	861.745
Secondary Open Miles	752.128	Rural Primary Miles	109.618
Secondary Legal Not Open (LNO) Miles	5.554	Rural Open Surfaced Miles	860.086
Secondary Open Surfaced Miles	750.469	Total New/Resurfaced Rural Miles 2004	51.116
Secondary Open Not Surfaced Miles	1.659	Total Unknown Surface Type Rural Miles	5.363
Percentage Surfaced Secondary Roads	99.05%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	1.659	195.339	91.227	431.573	32.311	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	415.843
AS Miles Open	410.314
AS Miles LNO	5.529
AS Miles Surfaced	408.655
AS Miles Not Surfaced	8.866
Percentage AS Surfaced	98.27%
Total New/Resurfaced AS Miles 2004	21.006
AS Miles Unknown Surface Type	5.363

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	1.659	167.556	55.778	156.937	28.384	0.000
Total New/Resurfaced Miles 2004	0.000	0.000	4.749	13.902	2.355	0.000

POTTAWATTAMIE

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COUNTY MILES SUMMARY

Secondary Miles	1,480.197	Rural Open Roads All Systems	1,655.931
Secondary Open Miles	1,463.851	Rural Primary Miles	192.080
Secondary Legal Not Open (LNO) Miles	16.346	Rural Open Surfaced Miles	1,572.788
Secondary Open Surfaced Miles	1,380.708	Total New/Resurfaced Rural Miles 2004	4.985
Secondary Open Not Surfaced Miles	83.143	Total Unknown Surface Type Rural Miles	16.783
Percentage Surfaced Secondary Roads	93.28%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	82.706	1,129.462	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	594.440
FM Miles Open	594.440
FM Miles LNO	0.000
FM Miles Surfaced	594.440
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	378.716	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	885.757
AS Miles Open	869.412
AS Miles LNO	16.346
AS Miles Surfaced	786.706
AS Miles Not Surfaced	99.489
Percentage AS Surfaced	88.82%
Total New/Resurfaced AS Miles 2004	0.988
AS Miles Unknown Surface Type	16.783

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	82.706	750.746	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

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COUNTY MILES SUMMARY

Secondary Miles	962.917	Rural Open Roads All Systems	1,078.761
Secondary Open Miles	957.160	Rural Primary Miles	121.601
Secondary Legal Not Open (LNO) Miles	5.757	Rural Open Surfaced Miles	960.386
Secondary Open Surfaced Miles	838.785	Total New/Resurfaced Rural Miles 2004	0.311
Secondary Open Not Surfaced Miles	118.376	Total Unknown Surface Type Rural Miles	5.757
Percentage Surfaced Secondary Roads	87.11%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	118.376	724.270	11.065	31.730	71.720	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	328.635
FM Miles Open	328.635
FM Miles LNO	0.000
FM Miles Surfaced	324.725
FM Miles Not Surfaced	3.910
Percentage FM Surfaced	98.81%
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	220.494	5.727	27.989	70.515	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	634.283
AS Miles Open	628.526
AS Miles LNO	5.757
AS Miles Surfaced	514.060
AS Miles Not Surfaced	120.223
Percentage AS Surfaced	81.05%
Total New/Resurfaced AS Miles 2004	0.311
AS Miles Unknown Surface Type	5.757

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	114.466	503.776	5.338	3.741	1.205	0.000
Total New/Resurfaced Miles 2004	0.000	0.311	0.000	0.000	0.000	0.000

RINGGOLD

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COUNTY MILES SUMMARY

Secondary Miles	901.738	Rural Open Roads All Systems	939.134
Secondary Open Miles	883.170	Rural Primary Miles	55.964
Secondary Legal Not Open (LNO) Miles	18.568	Rural Open Surfaced Miles	733.923
Secondary Open Surfaced Miles	677.959	Total New/Resurfaced Rural Miles 2004	0.650
Secondary Open Not Surfaced Miles	205.211	Total Unknown Surface Type Rural Miles	18.592
Percentage Surfaced Secondary Roads	75.18%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	205.187	524.080	68.996	59.214	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	288.374
FM Miles Open	288.374
FM Miles LNO	0.000
FM Miles Surfaced	288.350
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	59.214	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	613.364
AS Miles Open	594.796
AS Miles LNO	18.568
AS Miles Surfaced	389.609
AS Miles Not Surfaced	223.755
Percentage AS Surfaced	63.52%
Total New/Resurfaced AS Miles 2004	0.650
AS Miles Unknown Surface Type	18.568

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	205.187	374.965	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	1,003.533	Rural Open Roads All Systems	1,087.102
Secondary Open Miles	1,001.873	Rural Primary Miles	85.229
Secondary Legal Not Open (LNO) Miles	1.660	Rural Open Surfaced Miles	1,064.383
Secondary Open Surfaced Miles	979.154	Total New/Resurfaced Rural Miles 2004	11.053
Secondary Open Not Surfaced Miles	22.719	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	22.719	788.715	0.983	103.119	86.337	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	321.025
FM Miles Open	321.025
FM Miles LNO	0.000
FM Miles Surfaced	321.025
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	0.000
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	134.379	0.522	102.342	83.782	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	682.508
AS Miles Open	680.848
AS Miles LNO	1.660
AS Miles Surfaced	658.129
AS Miles Not Surfaced	24.379
Percentage AS Surfaced	96.43%
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	22.719	654.336	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	561.654	Rural Open Roads All Systems	612.928
Secondary Open Miles	560.629	Rural Primary Miles	52.299
Secondary Legal Not Open (LNO) Miles	1.025	Rural Open Surfaced Miles	600.405
Secondary Open Surfaced Miles	548.106	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	97.59%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	12.523	345.377	7.606	148.504	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	204.494
FM Miles Open	204.494
FM Miles LNO	0.000
FM Miles Surfaced	203.624
FM Miles Not Surfaced	0.870
Percentage FM Surfaced	99.57%
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	112.495	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	943.009	Rural Open Roads All Systems	1,009.646
Secondary Open Miles	932.790	Rural Primary Miles	76.856
Secondary Legal Not Open (LNO) Miles	10.219	Rural Open Surfaced Miles	829.599
Secondary Open Surfaced Miles	752.743	Total New/Resurfaced Rural Miles 2004	4.695
Secondary Open Not Surfaced Miles	180.048	Total Unknown Surface Type Rural Miles	9.050
Percentage Surfaced Secondary Roads	79.82%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	180.048	615.515	20.479	87.184	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	295.046
FM Miles Open	295.046
FM Miles LNO	0.000
FM Miles Surfaced	261.984
FM Miles Not Surfaced	33.062
Percentage FM Surfaced	88.79%
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	126.125	20.479	85.883	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	647.963
AS Miles Open	637.744
AS Miles LNO	10.219
AS Miles Surfaced	490.759
AS Miles Not Surfaced	157.204
Percentage AS Surfaced	75.74%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	9.050

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	146.986	489.390	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	1,339.543	Rural Open Roads All Systems	1,440.037
Secondary Open Miles	1,328.397	Rural Primary Miles	111.640
Secondary Legal Not Open (LNO) Miles	11.146	Rural Open Surfaced Miles	1,393.572
Secondary Open Surfaced Miles	1,281.932	Total New/Resurfaced Rural Miles 2004	0.643
Secondary Open Not Surfaced Miles	46.465	Total Unknown Surface Type Rural Miles	11.146
Percentage Surfaced Secondary Roads	95.70%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	46.465	1,019.212	0.093	241.898	20.729	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	416.991
FM Miles Open	416.991
FM Miles LNO	0.000
FM Miles Surfaced	416.040
FM Miles Not Surfaced	0.951
Percentage FM Surfaced	99.77%
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	164.217	0.000	236.868	14.955	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	922.552
AS Miles Open	911.406
AS Miles LNO	11.146
AS Miles Surfaced	865.893
AS Miles Not Surfaced	56.660
Percentage AS Surfaced	93.86%
Total New/Resurfaced AS Miles 2004	0.643
AS Miles Unknown Surface Type	11.146

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	45.514	854.996	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	920.012	Rural Open Roads All Systems	1,034.467
Secondary Open Miles	920.012	Rural Primary Miles	114.455
Secondary Legal Not Open (LNO) Miles	0.000	Rural Open Surfaced Miles	1,009.125
Secondary Open Surfaced Miles	894.670	Total New/Resurfaced Rural Miles 2004	0.687
Secondary Open Not Surfaced Miles	25.342	Total Unknown Surface Type Rural Miles	0.000
Percentage Surfaced Secondary Roads	97.25%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	25.342	687.052	8.848	152.907	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	357.994
FM Miles Open	357.994
FM Miles LNO	0.000
FM Miles Surfaced	357.994
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	2.318
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	171.233	5.681	140.044	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	562.018
AS Miles Open	562.018
AS Miles LNO	0.000
AS Miles Surfaced	536.677
AS Miles Not Surfaced	25.342
Percentage AS Surfaced	95.49%
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	25.342	515.820	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	1,158.028	Rural Open Roads All Systems	1,232.690
Secondary Open Miles	1,149.952	Rural Primary Miles	82.738
Secondary Legal Not Open (LNO) Miles	8.076	Rural Open Surfaced Miles	1,150.196
Secondary Open Surfaced Miles	1,067.458	Total New/Resurfaced Rural Miles 2004	0.687
Secondary Open Not Surfaced Miles	82.494	Total Unknown Surface Type Rural Miles	8.076
Percentage Surfaced Secondary Roads	92.18%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	82.494	890.878	1.460	159.669	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	363.014
FM Miles Open	363.014
FM Miles LNO	0.000
FM Miles Surfaced	362.076
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	152.589	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	795.014
AS Miles Open	786.938
AS Miles LNO	8.076
AS Miles Surfaced	705.382
AS Miles Not Surfaced	89.632
Percentage AS Surfaced	88.73%
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	81.556	697.580	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	930.768	Rural Open Roads All Systems	972.390
Secondary Open Miles	924.657	Rural Primary Miles	47.733
Secondary Legal Not Open (LNO) Miles	6.111	Rural Open Surfaced Miles	808.613
Secondary Open Surfaced Miles	760.880	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	81.75%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	163.778	645.980	8.745	70.095	36.060	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	327.502
FM Miles Open	327.502
FM Miles LNO	0.000
FM Miles Surfaced	325.482
FM Miles Not Surfaced	2.020
Percentage FM Surfaced	99.38%
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	69.604	33.681	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	691.433	Rural Open Roads All Systems	741.046
Secondary Open Miles	690.012	Rural Primary Miles	51.034
Secondary Legal Not Open (LNO) Miles	1.421	Rural Open Surfaced Miles	641.901
Secondary Open Surfaced Miles	590.868	Total New/Resurfaced Rural Miles 2004	2.695
Secondary Open Not Surfaced Miles	99.145	Total Unknown Surface Type Rural Miles	1.421
Percentage Surfaced Secondary Roads	85.46%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	99.145	492.437	28.013	21.168	49.250	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	245.386
FM Miles Open	245.386
FM Miles LNO	0.000
FM Miles Surfaced	245.386
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	3.456
FM Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	0.000	161.185	22.519	17.550	44.132	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	446.047
AS Miles Open	444.626
AS Miles LNO	1.421
AS Miles Surfaced	345.482
AS Miles Not Surfaced	100.565
Percentage AS Surfaced	77.45%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	1.421

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	99.145	331.252	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	740.238	Rural Open Roads All Systems	799.334
Secondary Open Miles	731.515	Rural Primary Miles	67.819
Secondary Legal Not Open (LNO) Miles	8.723	Rural Open Surfaced Miles	751.224
Secondary Open Surfaced Miles	683.405	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	92.32%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	48.110	585.323	3.258	81.228	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	263.794
FM Miles Open	263.794
FM Miles LNO	0.000
FM Miles Surfaced	263.794
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	170.738	2.915	79.516	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	476.444
AS Miles Open	467.721
AS Miles LNO	8.723
AS Miles Surfaced	419.611
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	414.585	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	701.274	Rural Open Roads All Systems	747.656
Secondary Open Miles	694.004	Rural Primary Miles	53.652
Secondary Legal Not Open (LNO) Miles	7.270	Rural Open Surfaced Miles	711.310
Secondary Open Surfaced Miles	657.658	Total New/Resurfaced Rural Miles 2004	16.273
Secondary Open Not Surfaced Miles	36.346	Total Unknown Surface Type Rural Miles	7.270
Percentage Surfaced Secondary Roads	93.78%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	36.346	521.173	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	277.069
FM Miles Open	277.069
FM Miles LNO	0.000
FM Miles Surfaced	277.069
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	153.889	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	424.205
AS Miles Open	416.935
AS Miles LNO	7.270
AS Miles Surfaced	380.589
AS Miles Not Surfaced	44.915
Percentage AS Surfaced	89.72%
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	36.346	367.284	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	878.730	Rural Open Roads All Systems	982.789
Secondary Open Miles	877.051	Rural Primary Miles	105.738
Secondary Legal Not Open (LNO) Miles	1.679	Rural Open Surfaced Miles	909.207
Secondary Open Surfaced Miles	803.469	Total New/Resurfaced Rural Miles 2004	6.506
Secondary Open Not Surfaced Miles	73.582	Total Unknown Surface Type Rural Miles	1.271
Percentage Surfaced Secondary Roads	91.44%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	73.582	637.086	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	310.603
FM Miles Open	310.603
FM Miles LNO	0.000
FM Miles Surfaced	310.603
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	170.990	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	568.127
AS Miles Open	566.448
AS Miles LNO	1.679
AS Miles Surfaced	492.866
AS Miles Not Surfaced	75.045
Percentage AS Surfaced	86.75%
Total New/Resurfaced AS Miles 2004	0.172
AS Miles Unknown Surface Type	1.271

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	73.582	466.096	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	918.517	Rural Open Roads All Systems	1,000.853
Secondary Open Miles	904.189	Rural Primary Miles	96.664
Secondary Legal Not Open (LNO) Miles	14.328	Rural Open Surfaced Miles	912.839
Secondary Open Surfaced Miles	816.175	Total New/Resurfaced Rural Miles 2004	4.665
Secondary Open Not Surfaced Miles	88.014	Total Unknown Surface Type Rural Miles	13.354
Percentage Surfaced Secondary Roads	88.86%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	88.014	661.583	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	365.114
FM Miles Open	365.114
FM Miles LNO	0.000
FM Miles Surfaced	365.114
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	213.941	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	553.403
AS Miles Open	539.075
AS Miles LNO	14.328
AS Miles Surfaced	451.061
AS Miles Not Surfaced	102.342
Percentage AS Surfaced	81.51%
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	88.014	447.642	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	834.882	Rural Open Roads All Systems	882.066
Secondary Open Miles	829.891	Rural Primary Miles	52.175
Secondary Legal Not Open (LNO) Miles	4.991	Rural Open Surfaced Miles	818.546
Secondary Open Surfaced Miles	766.371	Total New/Resurfaced Rural Miles 2004	0.000
Secondary Open Not Surfaced Miles	63.520	Total Unknown Surface Type Rural Miles	4.991
Percentage Surfaced Secondary Roads	91.79%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	63.520	656.089	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	300.335
FM Miles Open	300.335
FM Miles LNO	0.000
FM Miles Surfaced	299.322
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	204.345	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	534.547
AS Miles Open	529.556
AS Miles LNO	4.991
AS Miles Surfaced	467.049
AS Miles Not Surfaced	67.498
Percentage AS Surfaced	87.37%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	4.991

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	62.507	451.744	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	1,169.052	Rural Open Roads All Systems	1,260.509
Secondary Open Miles	1,165.776	Rural Primary Miles	94.733
Secondary Legal Not Open (LNO) Miles	3.276	Rural Open Surfaced Miles	1,256.606
Secondary Open Surfaced Miles	1,161.873	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	858.131	7.847	253.369	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	402.434
FM Miles Open	402.434
FM Miles LNO	0.000
FM Miles Surfaced	402.434
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	126.735	0.000	234.711	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	766.618
AS Miles Open	763.342
AS Miles LNO	3.276
AS Miles Surfaced	759.439
AS Miles Not Surfaced	7.179
Percentage AS Surfaced	99.06%
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	731.397	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	708.842	Rural Open Roads All Systems	748.118
Secondary Open Miles	707.841	Rural Primary Miles	40.277
Secondary Legal Not Open (LNO) Miles	1.001	Rural Open Surfaced Miles	734.554
Secondary Open Surfaced Miles	694.277	Total New/Resurfaced Rural Miles 2004	0.000
Secondary Open Not Surfaced Miles	13.564	Total Unknown Surface Type Rural Miles	1.001
Percentage Surfaced Secondary Roads	97.95%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	13.564	556.811	0.162	135.192	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	201.985
FM Miles Open	201.985
FM Miles LNO	0.000
FM Miles Surfaced	193.052
FM Miles Not Surfaced	8.933
Percentage FM Surfaced	95.58%
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	57.749	0.000	133.694	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	506.857
AS Miles Open	505.856
AS Miles LNO	1.001
AS Miles Surfaced	501.225
AS Miles Not Surfaced	5.632
Percentage AS Surfaced	98.89%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	1.001

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	4.631	499.062	0.162	1.498	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	1,056.856	Rural Open Roads All Systems	1,136.543
Secondary Open Miles	1,047.530	Rural Primary Miles	89.013
Secondary Legal Not Open (LNO) Miles	9.326	Rural Open Surfaced Miles	1,132.495
Secondary Open Surfaced Miles	1,043.482	Total New/Resurfaced Rural Miles 2004	14.053
Secondary Open Not Surfaced Miles	4.048	Total Unknown Surface Type Rural Miles	9.326
Percentage Surfaced Secondary Roads	98.73%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	4.048	807.734	16.982	148.302	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	354.281
FM Miles Open	354.281
FM Miles LNO	0.000
FM Miles Surfaced	354.281
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	134.045	9.925	142.659	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	702.576
AS Miles Open	693.250
AS Miles LNO	9.326
AS Miles Surfaced	689.202
AS Miles Not Surfaced	13.374
Percentage AS Surfaced	98.10%
Total New/Resurfaced AS Miles 2004	0.903
AS Miles Unknown Surface Type	9.326

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	4.048	673.690	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	1,355.376	Rural Open Roads All Systems	1,451.026
Secondary Open Miles	1,342.647	Rural Primary Miles	108.380
Secondary Legal Not Open (LNO) Miles	12.729	Rural Open Surfaced Miles	1,385.797
Secondary Open Surfaced Miles	1,277.417	Total New/Resurfaced Rural Miles 2004	10.696
Secondary Open Not Surfaced Miles	65.230	Total Unknown Surface Type Rural Miles	12.729
Percentage Surfaced Secondary Roads	94.25%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	65.230	940.883	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	399.935
FM Miles Open	399.935
FM Miles LNO	0.000
FM Miles Surfaced	399.935
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	84.000	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	955.441
AS Miles Open	942.712
AS Miles LNO	12.729
AS Miles Surfaced	877.482
AS Miles Not Surfaced	77.959
Percentage AS Surfaced	91.84%
Total New/Resurfaced AS Miles 2004	0.000
AS Miles Unknown Surface Type	12.729

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	65.230	856.883	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	682.713	Rural Open Roads All Systems	733.702
Secondary Open Miles	675.921	Rural Primary Miles	57.781
Secondary Legal Not Open (LNO) Miles	6.792	Rural Open Surfaced Miles	731.501
Secondary Open Surfaced Miles	673.720	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	98.68%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	2.201	461.719	3.170	190.977	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	238.540
FM Miles Open	238.540
FM Miles LNO	0.000
FM Miles Surfaced	238.540
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	60.953	0.000	163.260	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	444.173
AS Miles Open	437.381
AS Miles LNO	6.792
AS Miles Surfaced	435.180
AS Miles Not Surfaced	8.993
Percentage AS Surfaced	97.98%
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	400.766	3.170	27.717	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	954.205	Rural Open Roads All Systems	1,021.400
Secondary Open Miles	953.602	Rural Primary Miles	67.798
Secondary Legal Not Open (LNO) Miles	0.603	Rural Open Surfaced Miles	1,019.275
Secondary Open Surfaced Miles	951.477	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	99.71%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
Total Miles by Surface	2.125	784.796	0.482	149.850	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	228.367
FM Miles Open	228.367
FM Miles LNO	0.000
FM Miles Surfaced	228.367
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	147.966	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	725.838
AS Miles Open	725.235
AS Miles LNO	0.603
AS Miles Surfaced	723.110
AS Miles Not Surfaced	2.728
Percentage AS Surfaced	99.62%
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	719.849	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