

IOWA  
MILES OF RURAL SECONDARY  
ROADS  
AS OF  
JANUARY 1, 2010

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## Introduction

A PDF version of this report is also available at [www.iowadotmaps.com/secmiles](http://www.iowadotmaps.com/secmiles).

The Iowa Department of Transportation's (Iowa DOT) Office of Transportation Data, in cooperation with the Federal Highway Administration (FHWA), is responsible for preparing this secondary road report. The report provides federal, state and local agencies, and the public with statistical information regarding the Secondary Road System.

Information for this report is derived from data reported by each of the 99 Iowa county engineers. Based on these construction reports, which may have changed the road surface, length and functional classification, the Iowa DOT's database is updated and current as of Jan. 1, 2010.

The report contains three major sections: state totals in miles by type of surface, a statistical summary and county statistical summaries.

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
<b>Jan. 1, 2010</b>									
Total Farm-to-Market	3.143	49.445	52.588	13332.419	941.872	16161.474	30435.771	30488.359	30485.216
Total Non-Farm-to-Market	545.243	4569.149	5114.392	52993.489	543.275	1353.567	54890.331	60004.723	59459.480
Total for State	548.386	4618.594	5166.980	66325.908	1485.147	17515.045	85326.102	90493.082	89944.696
<b>Jan. 1, 2009</b>									
Total Farm-to-Market	3.143	49.445	52.588	13357.624	954.937	16137.291	30449.852	30502.440	30499.297
Total Non-Farm-to-Market	542.196	4569.149	5111.345	53014.386	559.426	1328.351	54902.163	60013.508	59471.312
Total for State	545.339	4618.594	5163.933	66372.010	1514.363	17465.642	85352.015	90515.948	89970.609
<b>Jan. 1, 2008</b>									
Total Farm-to-Market	3.437	60.751	64.188	13374.120	967.111	16098.370	30440.990	30493.870	30490.440
Total Non-Farm-to-Market	533.549	4569.150	5102.700	53043.550	569.124	1330.050	54943.600	60047.110	59513.570
Total for State	536.990	4629.900	5166.890	66417.670	1536.240	17428.420	85384.600	90540.990	90004.000
<b>Jan. 1, 2007</b>									
Total Farm-to-Market	1.390	60.751	62.141	13411.059	968.593	16069.081	30448.753	30510.894	30507.756
Total Non-Farm-to-Market	515.821	4642.016	5157.837	53074.781	568.946	1285.772	54929.499	60087.336	59530.397
Total for State	517.211	4702.767	5219.978	66485.840	1537.539	17354.853	85378.252	90598.230	90038.345
<b>Jan. 1, 2006</b>									
Total Farm-to-Market	2.339	60.751	63.090	13444.020	974.706	16024.290	30443.020	30506.110	30503.770
Total Non-Farm-to-Market	513.498	4611.610	5125.110	53128.820	563.961	1268.340	54961.120	60086.570	59573.070
Total for State	515.840	4672.360	5188.200	66572.830	1538.670	17292.630	85404.140	90592.680	90076.840

## Statistical Summary

On Jan. 1, 2010, the condition of the Secondary Road System was as follows:

	Farm-to-Market System	Area Service System
<b>Miles of Earth-Surfaced Roads</b>	49.445	4,569.149
<b>Miles of Gravel-Surfaced Roads</b>	13,332.419	52,993.489
<b>Miles of Bituminous-Surfaced Roads</b>	941.872	543.275
<b>Miles of Asphalt-Surfaced Roads</b>	10,957.536	932.966
<b>Miles of PCC-Surfaced Roads</b>	5,203.944	420.601
<b>Miles of Combination-Surfaced Roads</b>	1.398	0.796
<b>Total Miles of Open Road</b>	30,485.601	59,424.972
<b>Legal Not Open Roads</b>	3.143	545.243
<b>Total Miles in System</b>	30,488.744	59,970.215

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
Jan. 1, 2010	0.000	4.755
Jan. 1, 2009	0.000	14.748
Jan. 1, 2008	1.002	9.727
Jan. 1, 2007	0.280	38.636
Jan. 1, 2006	11.945	41.891

## STATE RURAL MILES SUMMARY

Secondary Miles	90,458.959	Rural Roads All Systems	98,332.511
Secondary Open Miles	89,910.573	Rural Primary Miles	7,873.552
Secondary Legal Not Open (LNO) Miles	548.386	Rural Open Surfaced Miles	93,201.932
Secondary Open Surfaced Miles	85,328.380	Total Open New/Resurfaced Rural Miles 2009	315.521
Secondary Open Not Surfaced Miles	4,580.142	Total Open Rural Miles Unknown Surface Type	2.051
Percentage Surfaced Secondary Roads	94.33%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	4,618.594	66,325.908	1,485.147	11,890.502	5,624.545	2.194
<b>Total New/Resurfaced Miles 2009</b>	1.002	9.727	22.280	218.997	63.515	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	30,488.744
FM Miles Open	30,485.601
FM Miles LNO	3.143
FM Open Miles Surfaced	30,437.169
FM Open Miles Not Surfaced	48.432
Percentage FM Open Surfaced	99.83%
Total Open New/Resurfaced FM Miles 2009	250.014
FM in Municipalities Populated Less Than 500	391.052
FM Open Miles Unknown Surface Type	

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	49.445	13,332.419	941.872	10,957.536	5,203.944	1.398
<b>Total New/Resurfaced Miles 2009</b>	0.000	4.755	12.086	185.285	47.888	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	59,970.215
AS Miles Open	59,424.972
AS Miles LNO	545.243
AS Open Miles Surfaced	54,891.211
AS Open Miles Not Surfaced	4,531.710
Percentage AS Open Surfaced	91.53%
Total Open New/Resurfaced AS Miles 2009	65.507
AS Open Miles Unknown Surface Type	2.051

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	4,569.149	52,993.489	543.275	932.966	420.601	0.796
<b>Total New/Resurfaced Miles 2009</b>	1.002	4.972	10.194	33.712	15.627	0.000

# ADAIR

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## COUNTY MILES SUMMARY

Secondary Miles	1,022.534	Rural Open Roads All Systems	1,092.558
Secondary Open Miles	1,019.948	Rural Primary Miles	72.610
Secondary Legal Not Open (LNO) Miles	2.586	Rural Open Surfaced Miles	954.355
Secondary Open Surfaced Miles	881.745	Total Open New/Resurfaced Rural Miles 2009	8.740
Secondary Open Not Surfaced Miles	138.203	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	86.23%	Percentage County Miles FM	27.19%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	138.203	793.351	8.419	78.725	1.250	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	8.740	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	278.067
FM Miles Open	278.067
FM Miles LNO	0.000
FM Open Miles Surfaced	278.067
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	8.740
FM in Municipalities Populated Less Than 500	1.748
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	194.047	4.317	78.725	0.978	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	8.740	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	744.468
AS Miles Open	741.882
AS Miles LNO	2.586
AS Open Miles Surfaced	604.020
AS Open Miles Not Surfaced	138.203
Percentage AS Surfaced	81.13%
Total Open New/Resurfaced AS Miles 2009	0.000
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	138.203	599.305	4.102	0.000	0.272	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000







# APPANOOSE

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## COUNTY MILES SUMMARY

Secondary Miles	762.308	Rural Open Roads All Systems	804.267
Secondary Open Miles	752.554	Rural Primary Miles	51.713
Secondary Legal Not Open (LNO) Miles	9.755	Rural Open Surfaced Miles	774.655
Secondary Open Surfaced Miles	722.942	Total Open New/Resurfaced Rural Miles 2009	3.429
Secondary Open Not Surfaced Miles	29.612	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	94.84%	Percentage County Miles FM	38.07%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	29.612	606.624	1.195	88.285	26.838	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	3.429	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	290.178
FM Miles Open	290.178
FM Miles LNO	0.000
FM Open Miles Surfaced	290.178
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	3.429
FM in Municipalities Populated Less Than 500	7.734
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	186.467	0.000	83.530	20.181	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	3.429	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	472.131
AS Miles Open	462.376
AS Miles LNO	9.755
AS Open Miles Surfaced	432.887
AS Open Miles Not Surfaced	29.612
Percentage AS Surfaced	91.69%
Total Open New/Resurfaced AS Miles 2009	0.000
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	29.612	420.158	1.195	4.755	6.657	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000



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# BENTON

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## COUNTY MILES SUMMARY

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Secondary Miles	1,236.178	Rural Open Roads All Systems	1,330.092
Secondary Open Miles	1,232.996	Rural Primary Miles	97.097
Secondary Legal Not Open (LNO) Miles	3.182	Rural Open Surfaced Miles	1,236.674
Secondary Open Surfaced Miles	1,139.578	Total Open New/Resurfaced Rural Miles 2009	5.877
Secondary Open Not Surfaced Miles	93.418	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	92.19%	Percentage County Miles FM	29.15%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	93.418	923.651	5.788	181.108	29.031	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	5.877	0.000	0.000

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## FARM-TO-MARKET (FM) SUMMARY

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Total FM Miles	360.338
FM Miles Open	360.338
FM Miles LNO	0.000
FM Open Miles Surfaced	360.338
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	5.656
FM in Municipalities Populated Less Than 500	1.675
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	155.498	1.543	174.407	28.890	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	5.656	0.000	0.000

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## AREA SERVICE (AS) SUMMARY

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Total AS Miles	875.840
AS Miles Open	872.658
AS Miles LNO	3.182
AS Open Miles Surfaced	779.240
AS Open Miles Not Surfaced	93.418
Percentage AS Surfaced	88.97%
Total Open New/Resurfaced AS Miles 2009	0.221
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	93.418	768.153	4.245	6.701	0.141	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.221	0.000	0.000

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# BOONE

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## COUNTY MILES SUMMARY

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Secondary Miles	974.931	Rural Open Roads All Systems	1,059.563
Secondary Open Miles	972.171	Rural Primary Miles	87.392
Secondary Legal Not Open (LNO) Miles	2.760	Rural Open Surfaced Miles	1,057.789
Secondary Open Surfaced Miles	970.397	Total Open New/Resurfaced Rural Miles 2009	10.020
Secondary Open Not Surfaced Miles	1.774	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	99.53%	Percentage County Miles FM	31.27%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	1.774	777.844	1.250	59.362	131.941	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	10.020	0.000	0.000

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## FARM-TO-MARKET (FM) SUMMARY

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Total FM Miles	304.879
FM Miles Open	304.879
FM Miles LNO	0.000
FM Open Miles Surfaced	304.879
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	9.682
FM in Municipalities Populated Less Than 500	4.278
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	127.207	0.000	51.906	125.766	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	9.682	0.000	0.000

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## AREA SERVICE (AS) SUMMARY

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Total AS Miles	670.052
AS Miles Open	667.292
AS Miles LNO	2.760
AS Open Miles Surfaced	665.711
AS Open Miles Not Surfaced	1.774
Percentage AS Surfaced	99.35%
Total Open New/Resurfaced AS Miles 2009	0.338
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	1.774	650.637	1.250	7.456	6.175	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.338	0.000	0.000

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# CEDAR

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## COUNTY MILES SUMMARY

Secondary Miles	950.063	Rural Open Roads All Systems	1,029.110
Secondary Open Miles	943.468	Rural Primary Miles	85.642
Secondary Legal Not Open (LNO) Miles	6.595	Rural Open Surfaced Miles	972.607
Secondary Open Surfaced Miles	886.965	Total Open New/Resurfaced Rural Miles 2009	6.072
Secondary Open Not Surfaced Miles	56.503	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	93.36%	Percentage County Miles FM	37.22%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	56.503	748.406	3.260	88.947	46.353	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	6.072	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	353.615
FM Miles Open	353.615
FM Miles LNO	0.000
FM Open Miles Surfaced	353.069
FM Open Miles Not Surfaced	0.546
Percentage FM Surfaced	99.85%
Total Open New/Resurfaced FM Miles 2009	6.072
FM in Municipalities Populated Less Than 500	0.365
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.546	229.199	0.394	77.808	45.668	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	6.072	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	596.448
AS Miles Open	589.853
AS Miles LNO	6.595
AS Open Miles Surfaced	534.261
AS Open Miles Not Surfaced	55.957
Percentage AS Surfaced	89.57%
Total Open New/Resurfaced AS Miles 2009	0.000
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	55.957	519.207	2.866	11.139	0.685	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000







# CHICKASAW

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## COUNTY MILES SUMMARY

Secondary Miles	850.034	Rural Open Roads All Systems	920.158
Secondary Open Miles	848.016	Rural Primary Miles	72.142
Secondary Legal Not Open (LNO) Miles	2.018	Rural Open Surfaced Miles	910.677
Secondary Open Surfaced Miles	838.535	Total Open New/Resurfaced Rural Miles 2009	7.064
Secondary Open Not Surfaced Miles	9.481	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	98.65%	Percentage County Miles FM	28.63%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	9.481	692.083	1.973	108.528	35.828	0.236
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	7.064	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	243.343
FM Miles Open	243.343
FM Miles LNO	0.000
FM Open Miles Surfaced	242.336
FM Open Miles Not Surfaced	1.007
Percentage FM Surfaced	99.59%
Total Open New/Resurfaced FM Miles 2009	7.064
FM in Municipalities Populated Less Than 500	5.433
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	1.007	98.107	1.333	107.757	35.016	0.124
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	7.064	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	606.691
AS Miles Open	604.673
AS Miles LNO	2.018
AS Open Miles Surfaced	596.199
AS Open Miles Not Surfaced	8.474
Percentage AS Surfaced	98.27%
Total Open New/Resurfaced AS Miles 2009	0.000
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	8.474	593.976	0.640	0.771	0.812	0.112
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000



# CLAY

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## COUNTY MILES SUMMARY

Secondary Miles	969.187	Rural Open Roads All Systems	1,020.888
Secondary Open Miles	968.620	Rural Primary Miles	52.268
Secondary Legal Not Open (LNO) Miles	0.567	Rural Open Surfaced Miles	1,016.507
Secondary Open Surfaced Miles	964.239	Total Open New/Resurfaced Rural Miles 2009	0.000
Secondary Open Not Surfaced Miles	4.381	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	99.49%	Percentage County Miles FM	32.11%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	4.381	736.685	0.069	207.361	20.125	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	311.222
FM Miles Open	311.222
FM Miles LNO	0.000
FM Open Miles Surfaced	311.222
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	0.000
FM in Municipalities Populated Less Than 500	4.458
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	96.665	0.069	201.262	13.227	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	657.965
AS Miles Open	657.398
AS Miles LNO	0.567
AS Open Miles Surfaced	653.017
AS Open Miles Not Surfaced	4.381
Percentage AS Surfaced	99.25%
Total Open New/Resurfaced AS Miles 2009	0.000
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	4.381	640.020	0.000	6.099	6.898	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

# CLAYTON

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## COUNTY MILES SUMMARY

Secondary Miles	1,094.848	Rural Open Roads All Systems	1,186.785
Secondary Open Miles	1,084.333	Rural Primary Miles	102.453
Secondary Legal Not Open (LNO) Miles	10.515	Rural Open Surfaced Miles	1,160.746
Secondary Open Surfaced Miles	1,058.294	Total Open New/Resurfaced Rural Miles 2009	0.000
Secondary Open Not Surfaced Miles	26.039	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	96.66%	Percentage County Miles FM	37.81%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	26.039	846.908	16.883	66.819	127.684	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	413.958
FM Miles Open	413.958
FM Miles LNO	0.000
FM Open Miles Surfaced	413.958
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	0.000
FM in Municipalities Populated Less Than 500	12.625
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	218.874	10.651	63.956	120.477	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	680.890
AS Miles Open	670.375
AS Miles LNO	10.515
AS Open Miles Surfaced	644.553
AS Open Miles Not Surfaced	26.039
Percentage AS Surfaced	94.66%
Total Open New/Resurfaced AS Miles 2009	0.000
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	26.039	628.035	6.232	2.863	7.207	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

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# CLINTON

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## COUNTY MILES SUMMARY

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Secondary Miles	1,005.192	Rural Open Roads All Systems	1,096.644
Secondary Open Miles	1,000.256	Rural Primary Miles	96.388
Secondary Legal Not Open (LNO) Miles	4.936	Rural Open Surfaced Miles	1,092.818
Secondary Open Surfaced Miles	996.430	Total Open New/Resurfaced Rural Miles 2009	3.009
Secondary Open Not Surfaced Miles	3.826	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	99.13%	Percentage County Miles FM	35.13%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	3.826	773.127	3.865	177.444	41.994	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	3.009	0.000	0.000

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## FARM-TO-MARKET (FM) SUMMARY

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Total FM Miles	353.143
FM Miles Open	353.143
FM Miles LNO	0.000
FM Open Miles Surfaced	353.143
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	1.503
FM in Municipalities Populated Less Than 500	3.681
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	159.842	2.040	153.878	37.383	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	1.503	0.000	0.000

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## AREA SERVICE (AS) SUMMARY

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Total AS Miles	652.049
AS Miles Open	647.113
AS Miles LNO	4.936
AS Open Miles Surfaced	643.536
AS Open Miles Not Surfaced	3.826
Percentage AS Surfaced	98.69%
Total Open New/Resurfaced AS Miles 2009	1.506
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	3.826	613.285	1.825	23.566	4.611	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	1.506	0.000	0.000

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# CRAWFORD

24

## COUNTY MILES SUMMARY

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Secondary Miles	1,220.668	Rural Open Roads All Systems	1,301.616
Secondary Open Miles	1,208.054	Rural Primary Miles	93.562
Secondary Legal Not Open (LNO) Miles	12.614	Rural Open Surfaced Miles	1,112.182
Secondary Open Surfaced Miles	1,018.620	Total Open New/Resurfaced Rural Miles 2009	6.896
Secondary Open Not Surfaced Miles	189.434	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	83.45%	Percentage County Miles FM	31.34%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	189.434	876.110	3.484	88.812	50.215	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	6.896	0.000

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## FARM-TO-MARKET (FM) SUMMARY

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Total FM Miles	382.521
FM Miles Open	382.521
FM Miles LNO	0.000
FM Open Miles Surfaced	381.086
FM Open Miles Not Surfaced	1.435
Percentage FM Surfaced	99.62%
Total Open New/Resurfaced FM Miles 2009	6.849
FM in Municipalities Populated Less Than 500	4.638
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	1.435	245.107	1.559	86.191	48.230	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	6.849	0.000

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## AREA SERVICE (AS) SUMMARY

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Total AS Miles	838.148
AS Miles Open	825.534
AS Miles LNO	12.614
AS Open Miles Surfaced	637.534
AS Open Miles Not Surfaced	188.000
Percentage AS Surfaced	76.06%
Total Open New/Resurfaced AS Miles 2009	0.047
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	188.000	631.003	1.925	2.621	1.985	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.047	0.000

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# DALLAS

25

## COUNTY MILES SUMMARY

Secondary Miles	874.294	Rural Open Roads All Systems	967.053
Secondary Open Miles	868.696	Rural Primary Miles	98.358
Secondary Legal Not Open (LNO) Miles	5.598	Rural Open Surfaced Miles	965.332
Secondary Open Surfaced Miles	866.975	Total Open New/Resurfaced Rural Miles 2009	4.235
Secondary Open Not Surfaced Miles	1.721	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	99.16%	Percentage County Miles FM	32.52%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	1.721	673.350	2.940	51.282	139.403	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	4.235	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	284.308
FM Miles Open	284.308
FM Miles LNO	0.000
FM Open Miles Surfaced	284.308
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	4.235
FM in Municipalities Populated Less Than 500	4.726
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	107.463	0.415	47.996	128.434	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	4.235	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	589.986
AS Miles Open	584.388
AS Miles LNO	5.598
AS Open Miles Surfaced	583.559
AS Open Miles Not Surfaced	1.721
Percentage AS Surfaced	98.91%
Total Open New/Resurfaced AS Miles 2009	0.000
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	1.721	565.887	2.525	3.286	10.969	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

# DAVIS

26

## COUNTY MILES SUMMARY

Secondary Miles	804.787	Rural Open Roads All Systems	849.519
Secondary Open Miles	801.492	Rural Primary Miles	48.027
Secondary Legal Not Open (LNO) Miles	3.295	Rural Open Surfaced Miles	787.587
Secondary Open Surfaced Miles	739.560	Total Open New/Resurfaced Rural Miles 2009	0.000
Secondary Open Not Surfaced Miles	61.933	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	91.90%	Percentage County Miles FM	34.37%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	61.933	648.350	0.392	82.067	8.751	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	276.632
FM Miles Open	276.632
FM Miles LNO	0.000
FM Open Miles Surfaced	276.632
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	0.000
FM in Municipalities Populated Less Than 500	2.901
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	190.258	0.392	80.549	5.433	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	528.156
AS Miles Open	524.861
AS Miles LNO	3.295
AS Open Miles Surfaced	462.928
AS Open Miles Not Surfaced	61.933
Percentage AS Surfaced	87.65%
Total Open New/Resurfaced AS Miles 2009	0.000
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	61.933	458.092	0.000	1.518	3.318	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000



# DECATUR

27

## COUNTY MILES SUMMARY

Secondary Miles	784.891	Rural Open Roads All Systems	848.727
Secondary Open Miles	771.606	Rural Primary Miles	77.121
Secondary Legal Not Open (LNO) Miles	13.285	Rural Open Surfaced Miles	768.010
Secondary Open Surfaced Miles	690.889	Total Open New/Resurfaced Rural Miles 2009	1.933
Secondary Open Not Surfaced Miles	80.718	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	88.02%	Percentage County Miles FM	41.12%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	80.718	521.667	53.241	55.027	60.954	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	1.933	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	322.734
FM Miles Open	322.734
FM Miles LNO	0.000
FM Open Miles Surfaced	322.734
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	1.831
FM in Municipalities Populated Less Than 500	6.047
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	173.884	39.189	49.335	60.326	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	1.831	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	462.157
AS Miles Open	448.873
AS Miles LNO	13.285
AS Open Miles Surfaced	368.155
AS Open Miles Not Surfaced	80.718
Percentage AS Surfaced	79.66%
Total Open New/Resurfaced AS Miles 2009	0.102
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	80.718	347.783	14.052	5.692	0.628	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.102	0.000	0.000



# DES MOINES

29

## COUNTY MILES SUMMARY

Secondary Miles	640.025	Rural Open Roads All Systems	672.606
Secondary Open Miles	636.224	Rural Primary Miles	36.382
Secondary Legal Not Open (LNO) Miles	3.801	Rural Open Surfaced Miles	616.204
Secondary Open Surfaced Miles	579.822	Total Open New/Resurfaced Rural Miles 2009	13.524
Secondary Open Not Surfaced Miles	56.402	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	90.59%	Percentage County Miles FM	39.04%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	56.402	452.779	0.020	90.604	36.419	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	1.410	0.000	11.156	0.958	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	249.884
FM Miles Open	249.884
FM Miles LNO	0.000
FM Open Miles Surfaced	249.884
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	11.847
FM in Municipalities Populated Less Than 500	0.000
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	147.209	0.000	71.408	31.267	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	10.889	0.958	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	390.141
AS Miles Open	386.340
AS Miles LNO	3.801
AS Open Miles Surfaced	330.324
AS Open Miles Not Surfaced	56.402
Percentage AS Surfaced	84.67%
Total Open New/Resurfaced AS Miles 2009	1.677
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	56.402	305.570	0.020	19.196	5.152	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	1.410	0.000	0.267	0.000	0.000

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# DICKINSON

30

## COUNTY MILES SUMMARY

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Secondary Miles	658.956	Rural Open Roads All Systems	698.101
Secondary Open Miles	654.185	Rural Primary Miles	43.916
Secondary Legal Not Open (LNO) Miles	4.771	Rural Open Surfaced Miles	677.806
Secondary Open Surfaced Miles	633.890	Total Open New/Resurfaced Rural Miles 2009	7.102
Secondary Open Not Surfaced Miles	20.249	Total Open Rural Miles Unknown Surface Type	0.046
Percentage Surfaced Secondary Roads	96.20%	Percentage County Miles FM	34.18%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	20.249	448.085	7.301	108.334	70.024	0.147
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	7.102	0.000

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## FARM-TO-MARKET (FM) SUMMARY

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Total FM Miles	225.237
FM Miles Open	225.237
FM Miles LNO	0.000
FM Open Miles Surfaced	225.237
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	5.427
FM in Municipalities Populated Less Than 500	0.436
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	86.430	1.950	80.328	56.529	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	5.427	0.000

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## AREA SERVICE (AS) SUMMARY

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Total AS Miles	433.719
AS Miles Open	428.948
AS Miles LNO	4.771
AS Open Miles Surfaced	409.109
AS Open Miles Not Surfaced	20.249
Percentage AS Surfaced	94.33%
Total Open New/Resurfaced AS Miles 2009	1.675
AS Open Miles Unknown Surface Type	0.046

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	20.249	361.655	5.351	28.006	13.495	0.147
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	1.675	0.000

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# DUBUQUE

31

## COUNTY MILES SUMMARY

Secondary Miles	780.524	Rural Open Roads All Systems	878.238
Secondary Open Miles	769.366	Rural Primary Miles	108.872
Secondary Legal Not Open (LNO) Miles	11.158	Rural Open Surfaced Miles	873.081
Secondary Open Surfaced Miles	764.209	Total Open New/Resurfaced Rural Miles 2009	12.455
Secondary Open Not Surfaced Miles	5.146	Total Open Rural Miles Unknown Surface Type	0.011
Percentage Surfaced Secondary Roads	97.91%	Percentage County Miles FM	41.37%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	5.146	303.250	220.080	165.234	75.545	0.102
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	1.750	10.705	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	322.914
FM Miles Open	322.914
FM Miles LNO	0.000
FM Open Miles Surfaced	322.914
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	12.455
FM in Municipalities Populated Less Than 500	5.809
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	32.068	88.603	131.872	70.270	0.102
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	1.750	10.705	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	457.610
AS Miles Open	446.452
AS Miles LNO	11.158
AS Open Miles Surfaced	442.483
AS Open Miles Not Surfaced	5.146
Percentage AS Surfaced	96.69%
Total Open New/Resurfaced AS Miles 2009	0.000
AS Open Miles Unknown Surface Type	0.011

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	5.146	271.182	131.477	33.362	5.275	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000



# FAYETTE

33

## COUNTY MILES SUMMARY

Secondary Miles	1,148.913	Rural Open Roads All Systems	1,264.182
Secondary Open Miles	1,145.842	Rural Primary Miles	118.340
Secondary Legal Not Open (LNO) Miles	3.071	Rural Open Surfaced Miles	1,263.970
Secondary Open Surfaced Miles	1,145.630	Total Open New/Resurfaced Rural Miles 2009	10.521
Secondary Open Not Surfaced Miles	0.212	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	99.71%	Percentage County Miles FM	31.24%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.212	909.398	2.466	141.974	91.792	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	10.521	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	358.967
FM Miles Open	358.967
FM Miles LNO	0.000
FM Open Miles Surfaced	358.967
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	10.521
FM in Municipalities Populated Less Than 500	8.094
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	128.502	0.292	140.244	89.929	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	10.521	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	789.946
AS Miles Open	786.876
AS Miles LNO	3.071
AS Open Miles Surfaced	786.664
AS Open Miles Not Surfaced	0.212
Percentage AS Surfaced	99.58%
Total Open New/Resurfaced AS Miles 2009	0.000
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.212	780.897	2.174	1.730	1.863	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

# FLOYD

34

## COUNTY MILES SUMMARY

Secondary Miles	893.938	Rural Open Roads All Systems	950.905
Secondary Open Miles	891.671	Rural Primary Miles	59.234
Secondary Legal Not Open (LNO) Miles	2.267	Rural Open Surfaced Miles	948.894
Secondary Open Surfaced Miles	889.660	Total Open New/Resurfaced Rural Miles 2009	15.595
Secondary Open Not Surfaced Miles	2.011	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	99.52%	Percentage County Miles FM	30.09%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	2.011	713.982	2.912	130.197	42.569	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	11.569	4.026	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	268.969
FM Miles Open	268.969
FM Miles LNO	0.000
FM Open Miles Surfaced	268.969
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	15.595
FM in Municipalities Populated Less Than 500	5.190
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	109.566	0.452	121.976	36.975	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	11.569	4.026	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	624.969
AS Miles Open	622.702
AS Miles LNO	2.267
AS Open Miles Surfaced	620.691
AS Open Miles Not Surfaced	2.011
Percentage AS Surfaced	99.32%
Total Open New/Resurfaced AS Miles 2009	0.000
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	2.011	604.416	2.460	8.222	5.594	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000





# FREMONT

36

## COUNTY MILES SUMMARY

Secondary Miles	787.335	Rural Open Roads All Systems	877.479
Secondary Open Miles	783.223	Rural Primary Miles	94.256
Secondary Legal Not Open (LNO) Miles	4.112	Rural Open Surfaced Miles	742.258
Secondary Open Surfaced Miles	648.002	Total Open New/Resurfaced Rural Miles 2009	0.000
Secondary Open Not Surfaced Miles	135.221	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	82.30%	Percentage County Miles FM	36.42%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	135.221	440.309	108.447	61.688	37.559	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	286.778
FM Miles Open	286.778
FM Miles LNO	0.000
FM Open Miles Surfaced	286.778
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	0.000
FM in Municipalities Populated Less Than 500	3.763
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	89.823	103.919	58.048	34.988	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	500.558
AS Miles Open	496.446
AS Miles LNO	4.112
AS Open Miles Surfaced	361.318
AS Open Miles Not Surfaced	135.221
Percentage AS Surfaced	72.18%
Total Open New/Resurfaced AS Miles 2009	0.000
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	135.221	350.486	4.528	3.640	2.571	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000





# GUTHRIE

39

## COUNTY MILES SUMMARY

Secondary Miles	955.586	Rural Open Roads All Systems	1,026.002
Secondary Open Miles	947.660	Rural Primary Miles	78.342
Secondary Legal Not Open (LNO) Miles	7.926	Rural Open Surfaced Miles	959.711
Secondary Open Surfaced Miles	881.369	Total Open New/Resurfaced Rural Miles 2009	0.492
Secondary Open Not Surfaced Miles	66.291	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	92.23%	Percentage County Miles FM	32.27%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	66.291	735.808	24.622	31.705	89.154	0.081
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.492	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	308.393
FM Miles Open	308.393
FM Miles LNO	0.000
FM Open Miles Surfaced	308.393
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	0.492
FM in Municipalities Populated Less Than 500	2.545
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	171.500	23.886	31.278	81.648	0.081
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.492	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	647.194
AS Miles Open	639.268
AS Miles LNO	7.926
AS Open Miles Surfaced	572.977
AS Open Miles Not Surfaced	66.291
Percentage AS Surfaced	88.53%
Total Open New/Resurfaced AS Miles 2009	0.000
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	66.291	564.308	0.736	0.427	7.506	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000



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# HANCOCK

41

## COUNTY MILES SUMMARY

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Secondary Miles	1,017.278	Rural Open Roads All Systems	1,062.076
Secondary Open Miles	1,011.900	Rural Primary Miles	50.177
Secondary Legal Not Open (LNO) Miles	5.378	Rural Open Surfaced Miles	1,056.566
Secondary Open Surfaced Miles	1,006.390	Total Open New/Resurfaced Rural Miles 2009	22.717
Secondary Open Not Surfaced Miles	5.510	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	98.93%	Percentage County Miles FM	31.20%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	5.510	752.299	0.859	221.095	32.137	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	22.717	0.000	0.000

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## FARM-TO-MARKET (FM) SUMMARY

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Total FM Miles	317.368
FM Miles Open	317.368
FM Miles LNO	0.000
FM Open Miles Surfaced	317.368
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	20.722
FM in Municipalities Populated Less Than 500	4.525
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	74.307	0.340	212.061	30.660	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	20.722	0.000	0.000

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## AREA SERVICE (AS) SUMMARY

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Total AS Miles	699.910
AS Miles Open	694.532
AS Miles LNO	5.378
AS Open Miles Surfaced	689.059
AS Open Miles Not Surfaced	5.510
Percentage AS Surfaced	98.45%
Total Open New/Resurfaced AS Miles 2009	1.995
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	5.510	677.992	0.519	9.034	1.477	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	1.995	0.000	0.000

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# IOWA

48

## COUNTY MILES SUMMARY

Secondary Miles	938.891	Rural Open Roads All Systems	1,033.442
Secondary Open Miles	930.278	Rural Primary Miles	103.164
Secondary Legal Not Open (LNO) Miles	8.613	Rural Open Surfaced Miles	959.876
Secondary Open Surfaced Miles	856.712	Total Open New/Resurfaced Rural Miles 2009	3.843
Secondary Open Not Surfaced Miles	73.567	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	91.25%	Percentage County Miles FM	38.00%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	73.567	696.572	7.462	64.782	87.812	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	3.450	0.393	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	356.737
FM Miles Open	356.737
FM Miles LNO	0.000
FM Open Miles Surfaced	356.351
FM Open Miles Not Surfaced	0.386
Percentage FM Surfaced	99.89%
Total Open New/Resurfaced FM Miles 2009	3.614
FM in Municipalities Populated Less Than 500	1.233
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.386	209.828	6.810	57.983	81.731	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	3.450	0.164	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	582.155
AS Miles Open	573.542
AS Miles LNO	8.613
AS Open Miles Surfaced	500.361
AS Open Miles Not Surfaced	73.181
Percentage AS Surfaced	85.95%
Total Open New/Resurfaced AS Miles 2009	0.229
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	73.181	486.745	0.652	6.800	6.081	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.229	0.000

# JACKSON

49

## COUNTY MILES SUMMARY

Secondary Miles	846.984	Rural Open Roads All Systems	942.772
Secondary Open Miles	841.155	Rural Primary Miles	101.617
Secondary Legal Not Open (LNO) Miles	5.829	Rural Open Surfaced Miles	904.189
Secondary Open Surfaced Miles	802.572	Total Open New/Resurfaced Rural Miles 2009	1.974
Secondary Open Not Surfaced Miles	38.583	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	94.76%	Percentage County Miles FM	40.25%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	38.583	603.778	6.123	49.550	143.121	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	1.974	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	340.917
FM Miles Open	340.917
FM Miles LNO	0.000
FM Open Miles Surfaced	339.498
FM Open Miles Not Surfaced	1.419
Percentage FM Surfaced	99.58%
Total Open New/Resurfaced FM Miles 2009	1.974
FM in Municipalities Populated Less Than 500	8.630
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	1.419	159.643	1.856	41.884	136.115	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	1.974	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	506.067
AS Miles Open	500.238
AS Miles LNO	5.829
AS Open Miles Surfaced	463.413
AS Open Miles Not Surfaced	37.164
Percentage AS Surfaced	91.57%
Total Open New/Resurfaced AS Miles 2009	0.000
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	37.164	444.135	4.267	7.666	7.006	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

# JASPER

50

## COUNTY MILES SUMMARY

Secondary Miles	1,233.930	Rural Open Roads All Systems	1,352.801
Secondary Open Miles	1,226.753	Rural Primary Miles	126.048
Secondary Legal Not Open (LNO) Miles	7.177	Rural Open Surfaced Miles	1,298.486
Secondary Open Surfaced Miles	1,172.438	Total Open New/Resurfaced Rural Miles 2009	5.595
Secondary Open Not Surfaced Miles	54.315	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	95.02%	Percentage County Miles FM	33.30%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	54.315	926.672	3.187	172.682	69.898	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	5.346	0.249	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	410.908
FM Miles Open	410.908
FM Miles LNO	0.000
FM Open Miles Surfaced	410.908
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	5.595
FM in Municipalities Populated Less Than 500	4.034
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	205.499	0.354	141.721	63.334	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	5.346	0.249	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	823.023
AS Miles Open	815.846
AS Miles LNO	7.177
AS Open Miles Surfaced	761.531
AS Open Miles Not Surfaced	54.315
Percentage AS Surfaced	92.53%
Total Open New/Resurfaced AS Miles 2009	0.000
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	54.315	721.174	2.833	30.961	6.564	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000



# JEFFERSON

51

## COUNTY MILES SUMMARY

Secondary Miles	755.127	Rural Open Roads All Systems	808.500
Secondary Open Miles	752.653	Rural Primary Miles	55.847
Secondary Legal Not Open (LNO) Miles	2.474	Rural Open Surfaced Miles	711.293
Secondary Open Surfaced Miles	655.447	Total Open New/Resurfaced Rural Miles 2009	0.000
Secondary Open Not Surfaced Miles	97.207	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	86.80%	Percentage County Miles FM	38.33%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	97.207	510.861	14.022	72.175	58.389	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	289.461
FM Miles Open	289.461
FM Miles LNO	0.000
FM Open Miles Surfaced	287.548
FM Open Miles Not Surfaced	1.913
Percentage FM Surfaced	99.34%
Total Open New/Resurfaced FM Miles 2009	0.000
FM in Municipalities Populated Less Than 500	6.065
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	1.913	157.717	10.751	64.634	54.446	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	465.667
AS Miles Open	463.193
AS Miles LNO	2.474
AS Open Miles Surfaced	368.932
AS Open Miles Not Surfaced	95.294
Percentage AS Surfaced	79.23%
Total Open New/Resurfaced AS Miles 2009	0.000
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	95.294	353.144	3.271	7.541	3.943	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

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# JOHNSON

52

## COUNTY MILES SUMMARY

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Secondary Miles	922.358	Rural Open Roads All Systems	1,010.516
Secondary Open Miles	920.576	Rural Primary Miles	89.940
Secondary Legal Not Open (LNO) Miles	1.782	Rural Open Surfaced Miles	969.614
Secondary Open Surfaced Miles	879.674	Total Open New/Resurfaced Rural Miles 2009	9.226
Secondary Open Not Surfaced Miles	40.885	Total Open Rural Miles Unknown Surface Type	0.018
Percentage Surfaced Secondary Roads	95.37%	Percentage County Miles FM	34.44%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	40.885	586.338	123.546	141.771	28.019	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	1.788	7.438	0.000

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## FARM-TO-MARKET (FM) SUMMARY

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Total FM Miles	317.694
FM Miles Open	317.694
FM Miles LNO	0.000
FM Open Miles Surfaced	317.694
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	8.444
FM in Municipalities Populated Less Than 500	0.000
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	69.860	89.280	134.892	23.663	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	1.006	7.438	0.000

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## AREA SERVICE (AS) SUMMARY

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Total AS Miles	604.664
AS Miles Open	602.882
AS Miles LNO	1.782
AS Open Miles Surfaced	561.980
AS Open Miles Not Surfaced	40.885
Percentage AS Surfaced	92.94%
Total Open New/Resurfaced AS Miles 2009	0.782
AS Open Miles Unknown Surface Type	0.018

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	40.885	516.479	34.266	6.879	4.356	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.782	0.000	0.000

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# JONES

53

## COUNTY MILES SUMMARY

Secondary Miles	846.746	Rural Open Roads All Systems	939.009
Secondary Open Miles	842.107	Rural Primary Miles	96.902
Secondary Legal Not Open (LNO) Miles	4.639	Rural Open Surfaced Miles	910.266
Secondary Open Surfaced Miles	813.364	Total Open New/Resurfaced Rural Miles 2009	0.000
Secondary Open Not Surfaced Miles	28.743	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	96.06%	Percentage County Miles FM	36.71%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	28.743	647.853	2.823	22.808	139.881	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	310.829
FM Miles Open	310.829
FM Miles LNO	0.000
FM Open Miles Surfaced	309.136
FM Open Miles Not Surfaced	1.693
Percentage FM Surfaced	99.46%
Total Open New/Resurfaced FM Miles 2009	0.000
FM in Municipalities Populated Less Than 500	1.498
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	1.693	163.126	0.000	9.755	136.255	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	535.917
AS Miles Open	531.278
AS Miles LNO	4.639
AS Open Miles Surfaced	504.783
AS Open Miles Not Surfaced	27.050
Percentage AS Surfaced	94.19%
Total Open New/Resurfaced AS Miles 2009	0.000
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	27.050	484.727	2.823	13.053	3.626	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

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# KEOKUK

54

## COUNTY MILES SUMMARY

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Secondary Miles	931.150	Rural Open Roads All Systems	1,037.157
Secondary Open Miles	926.358	Rural Primary Miles	110.799
Secondary Legal Not Open (LNO) Miles	4.792	Rural Open Surfaced Miles	939.870
Secondary Open Surfaced Miles	829.071	Total Open New/Resurfaced Rural Miles 2009	4.473
Secondary Open Not Surfaced Miles	97.287	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	89.04%	Percentage County Miles FM	35.10%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	97.287	729.975	0.846	5.073	93.178	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	4.473	0.000	0.000	0.000	0.000

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## FARM-TO-MARKET (FM) SUMMARY

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Total FM Miles	326.836
FM Miles Open	326.836
FM Miles LNO	0.000
FM Open Miles Surfaced	326.836
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	4.162
FM in Municipalities Populated Less Than 500	6.812
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	228.863	0.247	5.052	92.674	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	4.162	0.000	0.000	0.000	0.000

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## AREA SERVICE (AS) SUMMARY

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Total AS Miles	604.314
AS Miles Open	599.523
AS Miles LNO	4.792
AS Open Miles Surfaced	502.612
AS Open Miles Not Surfaced	97.287
Percentage AS Surfaced	83.17%
Total Open New/Resurfaced AS Miles 2009	0.311
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	97.287	501.112	0.599	0.021	0.504	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.311	0.000	0.000	0.000	0.000

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# KOSSUTH

55

## COUNTY MILES SUMMARY

Secondary Miles	1,654.085	Rural Open Roads All Systems	1,763.308
Secondary Open Miles	1,652.603	Rural Primary Miles	110.705
Secondary Legal Not Open (LNO) Miles	1.482	Rural Open Surfaced Miles	1,729.670
Secondary Open Surfaced Miles	1,618.965	Total Open New/Resurfaced Rural Miles 2009	0.674
Secondary Open Not Surfaced Miles	33.638	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	97.88%	Percentage County Miles FM	30.74%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	33.638	1,106.222	0.229	509.402	3.112	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.674	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	508.403
FM Miles Open	508.403
FM Miles LNO	0.000
FM Open Miles Surfaced	508.403
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	0.674
FM in Municipalities Populated Less Than 500	2.543
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	16.191	0.067	490.805	1.340	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.674	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	1,145.682
AS Miles Open	1,144.200
AS Miles LNO	1.482
AS Open Miles Surfaced	1,110.563
AS Open Miles Not Surfaced	33.638
Percentage AS Surfaced	96.93%
Total Open New/Resurfaced AS Miles 2009	0.000
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	33.638	1,090.032	0.162	18.597	1.772	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000





# LOUISA

58

## COUNTY MILES SUMMARY

Secondary Miles	592.484	Rural Open Roads All Systems	634.291
Secondary Open Miles	590.153	Rural Primary Miles	44.138
Secondary Legal Not Open (LNO) Miles	2.331	Rural Open Surfaced Miles	595.385
Secondary Open Surfaced Miles	551.247	Total Open New/Resurfaced Rural Miles 2009	1.325
Secondary Open Not Surfaced Miles	38.906	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	93.04%	Percentage County Miles FM	33.86%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	38.906	407.799	2.419	46.199	94.830	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	1.325	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	200.591
FM Miles Open	200.591
FM Miles LNO	0.000
FM Open Miles Surfaced	200.591
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	0.317
FM in Municipalities Populated Less Than 500	3.909
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	69.823	0.919	40.372	89.477	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.317	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	391.893
AS Miles Open	389.562
AS Miles LNO	2.331
AS Open Miles Surfaced	350.656
AS Open Miles Not Surfaced	38.906
Percentage AS Surfaced	89.48%
Total Open New/Resurfaced AS Miles 2009	1.008
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	38.906	337.976	1.500	5.827	5.353	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	1.008	0.000







# MADISON

61

## COUNTY MILES SUMMARY

Secondary Miles	916.250	Rural Open Roads All Systems	958.836
Secondary Open Miles	908.817	Rural Primary Miles	50.019
Secondary Legal Not Open (LNO) Miles	7.434	Rural Open Surfaced Miles	914.351
Secondary Open Surfaced Miles	864.332	Total Open New/Resurfaced Rural Miles 2009	0.000
Secondary Open Not Surfaced Miles	44.485	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	94.33%	Percentage County Miles FM	35.62%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	44.485	744.218	7.522	61.002	51.590	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	326.357
FM Miles Open	326.357
FM Miles LNO	0.000
FM Open Miles Surfaced	326.357
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	0.000
FM in Municipalities Populated Less Than 500	6.644
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	206.693	7.522	60.683	51.460	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	589.893
AS Miles Open	582.460
AS Miles LNO	7.434
AS Open Miles Surfaced	537.975
AS Open Miles Not Surfaced	44.485
Percentage AS Surfaced	91.20%
Total Open New/Resurfaced AS Miles 2009	0.000
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	44.485	537.526	0.000	0.319	0.130	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

# MAHASKA

62

## COUNTY MILES SUMMARY

Secondary Miles	989.784	Rural Open Roads All Systems	1,050.455
Secondary Open Miles	970.653	Rural Primary Miles	79.802
Secondary Legal Not Open (LNO) Miles	19.132	Rural Open Surfaced Miles	1,021.051
Secondary Open Surfaced Miles	941.249	Total Open New/Resurfaced Rural Miles 2009	1.671
Secondary Open Not Surfaced Miles	29.383	Total Open Rural Miles Unknown Surface Type	0.021
Percentage Surfaced Secondary Roads	95.10%	Percentage County Miles FM	30.25%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	29.383	814.263	0.051	49.408	76.750	0.778
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	1.671	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	299.403
FM Miles Open	298.831
FM Miles LNO	0.572
FM Open Miles Surfaced	298.831
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	99.81%
Total Open New/Resurfaced FM Miles 2009	0.000
FM in Municipalities Populated Less Than 500	2.274
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	202.982	0.000	43.363	51.709	0.778
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	690.381
AS Miles Open	671.822
AS Miles LNO	18.560
AS Open Miles Surfaced	643.382
AS Open Miles Not Surfaced	29.383
Percentage AS Surfaced	93.19%
Total Open New/Resurfaced AS Miles 2009	1.671
AS Open Miles Unknown Surface Type	0.021

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	29.383	611.281	0.051	6.045	25.041	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	1.671	0.000





# MILLS

65

## COUNTY MILES SUMMARY

Secondary Miles	679.892	Rural Open Roads All Systems	758.587
Secondary Open Miles	679.442	Rural Primary Miles	79.145
Secondary Legal Not Open (LNO) Miles	0.450	Rural Open Surfaced Miles	688.136
Secondary Open Surfaced Miles	608.991	Total Open New/Resurfaced Rural Miles 2009	0.000
Secondary Open Not Surfaced Miles	70.451	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	89.57%	Percentage County Miles FM	36.44%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	70.451	441.833	82.048	38.509	46.519	0.083
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	247.732
FM Miles Open	247.732
FM Miles LNO	0.000
FM Open Miles Surfaced	247.732
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	0.000
FM in Municipalities Populated Less Than 500	2.084
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	95.330	74.977	34.475	42.867	0.083
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	432.161
AS Miles Open	431.711
AS Miles LNO	0.450
AS Open Miles Surfaced	361.260
AS Open Miles Not Surfaced	70.451
Percentage AS Surfaced	83.59%
Total Open New/Resurfaced AS Miles 2009	0.000
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	70.451	346.503	7.071	4.034	3.652	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

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# MITCHELL

66

## COUNTY MILES SUMMARY

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Secondary Miles	791.273	Rural Open Roads All Systems	838.486
Secondary Open Miles	788.044	Rural Primary Miles	50.442
Secondary Legal Not Open (LNO) Miles	3.229	Rural Open Surfaced Miles	833.766
Secondary Open Surfaced Miles	783.324	Total Open New/Resurfaced Rural Miles 2009	41.685
Secondary Open Not Surfaced Miles	4.720	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	99.00%	Percentage County Miles FM	31.20%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	4.720	579.617	1.536	140.714	61.458	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	12.345	29.340	0.000

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## FARM-TO-MARKET (FM) SUMMARY

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Total FM Miles	246.864
FM Miles Open	246.555
FM Miles LNO	0.309
FM Open Miles Surfaced	246.555
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	99.87%
Total Open New/Resurfaced FM Miles 2009	34.608
FM in Municipalities Populated Less Than 500	5.130
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	62.121	0.000	128.713	55.722	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	9.921	24.687	0.000

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## AREA SERVICE (AS) SUMMARY

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Total AS Miles	544.409
AS Miles Open	541.489
AS Miles LNO	2.920
AS Open Miles Surfaced	537.143
AS Open Miles Not Surfaced	4.720
Percentage AS Surfaced	98.67%
Total Open New/Resurfaced AS Miles 2009	7.077
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	4.720	517.496	1.536	12.001	5.736	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	2.424	4.653	0.000

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# MONONA

67

## COUNTY MILES SUMMARY

Secondary Miles	1,069.039	Rural Open Roads All Systems	1,169.261
Secondary Open Miles	1,061.267	Rural Primary Miles	107.994
Secondary Legal Not Open (LNO) Miles	7.772	Rural Open Surfaced Miles	1,075.518
Secondary Open Surfaced Miles	967.524	Total Open New/Resurfaced Rural Miles 2009	0.000
Secondary Open Not Surfaced Miles	93.743	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	90.50%	Percentage County Miles FM	33.14%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	93.743	771.406	1.613	111.870	82.635	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	354.282
FM Miles Open	354.282
FM Miles LNO	0.000
FM Open Miles Surfaced	354.282
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	0.000
FM in Municipalities Populated Less Than 500	2.852
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	161.270	0.581	110.486	81.945	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	714.758
AS Miles Open	706.986
AS Miles LNO	7.772
AS Open Miles Surfaced	613.283
AS Open Miles Not Surfaced	93.743
Percentage AS Surfaced	85.80%
Total Open New/Resurfaced AS Miles 2009	0.000
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	93.743	610.137	1.032	1.384	0.690	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000



# MONTGOMERY

69

## COUNTY MILES SUMMARY

Secondary Miles	720.496	Rural Open Roads All Systems	778.987
Secondary Open Miles	717.480	Rural Primary Miles	61.507
Secondary Legal Not Open (LNO) Miles	3.017	Rural Open Surfaced Miles	675.603
Secondary Open Surfaced Miles	614.096	Total Open New/Resurfaced Rural Miles 2009	0.000
Secondary Open Not Surfaced Miles	103.384	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	85.23%	Percentage County Miles FM	31.32%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	103.384	505.668	1.978	74.752	31.698	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	225.675
FM Miles Open	225.675
FM Miles LNO	0.000
FM Open Miles Surfaced	225.675
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	0.000
FM in Municipalities Populated Less Than 500	1.279
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	121.292	1.846	71.876	30.662	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	494.821
AS Miles Open	491.805
AS Miles LNO	3.017
AS Open Miles Surfaced	388.421
AS Open Miles Not Surfaced	103.384
Percentage AS Surfaced	78.50%
Total Open New/Resurfaced AS Miles 2009	0.000
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	103.384	384.377	0.132	2.876	1.036	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

# MUSCATINE

70

## COUNTY MILES SUMMARY

Secondary Miles	609.867	Rural Open Roads All Systems	695.588
Secondary Open Miles	608.848	Rural Primary Miles	86.740
Secondary Legal Not Open (LNO) Miles	1.019	Rural Open Surfaced Miles	677.889
Secondary Open Surfaced Miles	591.149	Total Open New/Resurfaced Rural Miles 2009	2.731
Secondary Open Not Surfaced Miles	17.680	Total Open Rural Miles Unknown Surface Type	0.020
Percentage Surfaced Secondary Roads	96.93%	Percentage County Miles FM	36.55%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	17.680	409.260	47.945	91.980	41.964	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	2.509	0.222	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	222.936
FM Miles Open	222.861
FM Miles LNO	0.075
FM Open Miles Surfaced	222.861
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	99.97%
Total Open New/Resurfaced FM Miles 2009	2.731
FM in Municipalities Populated Less Than 500	0.686
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	78.418	26.651	77.083	40.709	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	2.509	0.222	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	386.932
AS Miles Open	385.988
AS Miles LNO	0.944
AS Open Miles Surfaced	368.288
AS Open Miles Not Surfaced	17.680
Percentage AS Surfaced	95.18%
Total Open New/Resurfaced AS Miles 2009	0.000
AS Open Miles Unknown Surface Type	0.020

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	17.680	330.842	21.294	14.897	1.255	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000











**PLYMOUTH**  
**75**  
**COUNTY MILES SUMMARY**

Secondary Miles	1,424.992	Rural Open Roads All Systems	1,536.386
Secondary Open Miles	1,421.580	Rural Primary Miles	114.806
Secondary Legal Not Open (LNO) Miles	3.412	Rural Open Surfaced Miles	1,494.635
Secondary Open Surfaced Miles	1,379.829	Total Open New/Resurfaced Rural Miles 2009	14.373
Secondary Open Not Surfaced Miles	41.752	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	96.83%	Percentage County Miles FM	25.58%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	41.752	1,015.050	0.853	258.610	105.316	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	14.373	0.000	0.000

**FARM-TO-MARKET (FM) SUMMARY**

Total FM Miles	364.570
FM Miles Open	364.570
FM Miles LNO	0.000
FM Open Miles Surfaced	364.570
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	14.008
FM in Municipalities Populated Less Than 500	0.970
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	21.624	0.000	243.103	99.843	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	14.008	0.000	0.000

**AREA SERVICE (AS) SUMMARY**

Total AS Miles	1,060.422
AS Miles Open	1,057.010
AS Miles LNO	3.412
AS Open Miles Surfaced	1,015.554
AS Open Miles Not Surfaced	41.752
Percentage AS Surfaced	95.77%
Total Open New/Resurfaced AS Miles 2009	0.365
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	41.752	993.426	0.853	15.507	5.473	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.365	0.000	0.000



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# POLK

77

## COUNTY MILES SUMMARY

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Secondary Miles	738.561	Rural Open Roads All Systems	840.012
Secondary Open Miles	732.640	Rural Primary Miles	107.373
Secondary Legal Not Open (LNO) Miles	5.921	Rural Open Surfaced Miles	837.142
Secondary Open Surfaced Miles	729.769	Total Open New/Resurfaced Rural Miles 2009	30.919
Secondary Open Not Surfaced Miles	2.382	Total Open Rural Miles Unknown Surface Type	0.489
Percentage Surfaced Secondary Roads	98.81%	Percentage County Miles FM	44.78%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	2.382	168.195	47.734	482.540	31.072	0.230
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	30.919	0.000	0.000

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## FARM-TO-MARKET (FM) SUMMARY

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Total FM Miles	330.735
FM Miles Open	330.735
FM Miles LNO	0.000
FM Open Miles Surfaced	330.735
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	15.363
FM in Municipalities Populated Less Than 500	8.693
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	22.236	10.867	293.880	3.522	0.230
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	15.363	0.000	0.000

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## AREA SERVICE (AS) SUMMARY

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Total AS Miles	407.826
AS Miles Open	401.905
AS Miles LNO	5.921
AS Open Miles Surfaced	399.290
AS Open Miles Not Surfaced	2.382
Percentage AS Surfaced	97.91%
Total Open New/Resurfaced AS Miles 2009	15.556
AS Open Miles Unknown Surface Type	0.489

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	2.382	145.959	36.867	188.660	27.550	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	15.556	0.000	0.000

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# POTTAWATTAMIE

78

## COUNTY MILES SUMMARY

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Secondary Miles	1,494.986	Rural Open Roads All Systems	1,669.253
Secondary Open Miles	1,479.285	Rural Primary Miles	189.968
Secondary Legal Not Open (LNO) Miles	15.701	Rural Open Surfaced Miles	1,584.680
Secondary Open Surfaced Miles	1,394.712	Total Open New/Resurfaced Rural Miles 2009	1.432
Secondary Open Not Surfaced Miles	84.563	Total Open Rural Miles Unknown Surface Type	0.011
Percentage Surfaced Secondary Roads	93.29%	Percentage County Miles FM	39.73%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	84.563	1,117.695	57.151	130.987	88.879	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.156	0.000	1.276	0.000

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## FARM-TO-MARKET (FM) SUMMARY

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Total FM Miles	594.022
FM Miles Open	594.022
FM Miles LNO	0.000
FM Open Miles Surfaced	594.022
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	0.000
FM in Municipalities Populated Less Than 500	1.350
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	366.963	28.145	125.355	73.560	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

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## AREA SERVICE (AS) SUMMARY

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Total AS Miles	900.964
AS Miles Open	885.263
AS Miles LNO	15.701
AS Open Miles Surfaced	801.140
AS Open Miles Not Surfaced	84.563
Percentage AS Surfaced	88.92%
Total Open New/Resurfaced AS Miles 2009	1.432
AS Open Miles Unknown Surface Type	0.011

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	84.563	750.733	29.006	5.632	15.319	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.156	0.000	1.276	0.000

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# POWESHIEK

79

## COUNTY MILES SUMMARY

Secondary Miles	977.387	Rural Open Roads All Systems	1,093.156
Secondary Open Miles	973.181	Rural Primary Miles	119.975
Secondary Legal Not Open (LNO) Miles	4.207	Rural Open Surfaced Miles	975.537
Secondary Open Surfaced Miles	855.562	Total Open New/Resurfaced Rural Miles 2009	12.263
Secondary Open Not Surfaced Miles	117.619	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	87.54%	Percentage County Miles FM	33.74%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	117.619	739.761	11.212	32.152	72.438	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	2.701	9.562	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	329.746
FM Miles Open	329.746
FM Miles LNO	0.000
FM Open Miles Surfaced	328.364
FM Open Miles Not Surfaced	1.382
Percentage FM Surfaced	99.58%
Total Open New/Resurfaced FM Miles 2009	12.263
FM in Municipalities Populated Less Than 500	2.765
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	1.382	221.770	5.753	30.724	70.117	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	2.701	9.562	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	647.642
AS Miles Open	643.435
AS Miles LNO	4.207
AS Open Miles Surfaced	527.199
AS Open Miles Not Surfaced	116.237
Percentage AS Surfaced	81.40%
Total Open New/Resurfaced AS Miles 2009	0.000
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	116.237	517.991	5.459	1.428	2.321	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000









# SHELBY

83

## COUNTY MILES SUMMARY

Secondary Miles	960.985	Rural Open Roads All Systems	1,027.241
Secondary Open Miles	950.768	Rural Primary Miles	76.473
Secondary Legal Not Open (LNO) Miles	10.217	Rural Open Surfaced Miles	845.685
Secondary Open Surfaced Miles	769.212	Total Open New/Resurfaced Rural Miles 2009	5.685
Secondary Open Not Surfaced Miles	181.556	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	80.04%	Percentage County Miles FM	30.98%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	181.556	631.619	20.409	96.989	20.196	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	5.685	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	297.708
FM Miles Open	297.708
FM Miles LNO	0.000
FM Open Miles Surfaced	265.006
FM Open Miles Not Surfaced	32.702
Percentage FM Surfaced	89.02%
Total Open New/Resurfaced FM Miles 2009	5.685
FM in Municipalities Populated Less Than 500	4.490
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	32.702	128.834	20.409	95.642	20.122	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	5.685	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	663.277
AS Miles Open	653.060
AS Miles LNO	10.217
AS Open Miles Surfaced	504.206
AS Open Miles Not Surfaced	148.854
Percentage AS Surfaced	76.02%
Total Open New/Resurfaced AS Miles 2009	0.000
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	148.854	502.785	0.000	1.347	0.074	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

# SIoux

84

## COUNTY MILES SUMMARY

Secondary Miles	1,358.467	Rural Open Roads All Systems	1,459.715
Secondary Open Miles	1,349.804	Rural Primary Miles	109.911
Secondary Legal Not Open (LNO) Miles	8.663	Rural Open Surfaced Miles	1,412.305
Secondary Open Surfaced Miles	1,302.394	Total Open New/Resurfaced Rural Miles 2009	11.846
Secondary Open Not Surfaced Miles	47.410	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	95.87%	Percentage County Miles FM	31.12%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	47.410	1,017.483	0.093	251.971	32.847	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	6.835	5.011	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	422.768
FM Miles Open	422.768
FM Miles LNO	0.000
FM Open Miles Surfaced	421.854
FM Open Miles Not Surfaced	0.914
Percentage FM Surfaced	99.78%
Total Open New/Resurfaced FM Miles 2009	11.846
FM in Municipalities Populated Less Than 500	1.463
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.914	152.984	0.000	243.466	25.404	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	6.835	5.011	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	935.699
AS Miles Open	927.036
AS Miles LNO	8.663
AS Open Miles Surfaced	880.661
AS Open Miles Not Surfaced	46.496
Percentage AS Surfaced	94.12%
Total Open New/Resurfaced AS Miles 2009	0.000
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	46.496	864.499	0.093	8.505	7.443	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

# STORY

85

## COUNTY MILES SUMMARY

Secondary Miles	933.874	Rural Open Roads All Systems	1,042.523
Secondary Open Miles	933.064	Rural Primary Miles	109.459
Secondary Legal Not Open (LNO) Miles	0.810	Rural Open Surfaced Miles	1,017.879
Secondary Open Surfaced Miles	908.420	Total Open New/Resurfaced Rural Miles 2009	5.803
Secondary Open Not Surfaced Miles	24.644	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	97.27%	Percentage County Miles FM	38.81%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	24.644	706.392	5.460	161.148	35.420	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	5.803	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	362.432
FM Miles Open	362.432
FM Miles LNO	0.000
FM Open Miles Surfaced	362.432
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	5.803
FM in Municipalities Populated Less Than 500	2.579
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	173.371	3.296	152.699	33.066	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	5.803	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	571.442
AS Miles Open	570.632
AS Miles LNO	0.810
AS Open Miles Surfaced	545.988
AS Open Miles Not Surfaced	24.644
Percentage AS Surfaced	95.55%
Total Open New/Resurfaced AS Miles 2009	0.000
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	24.644	533.021	2.164	8.449	2.354	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

# TAMA

86

## COUNTY MILES SUMMARY

Secondary Miles	1,164.499	Rural Open Roads All Systems	1,248.576
Secondary Open Miles	1,156.659	Rural Primary Miles	91.918
Secondary Legal Not Open (LNO) Miles	7.840	Rural Open Surfaced Miles	1,168.110
Secondary Open Surfaced Miles	1,076.193	Total Open New/Resurfaced Rural Miles 2009	0.000
Secondary Open Not Surfaced Miles	80.466	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	92.42%	Percentage County Miles FM	31.50%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	80.466	892.812	4.429	165.725	13.227	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	366.871
FM Miles Open	366.871
FM Miles LNO	0.000
FM Open Miles Surfaced	365.938
FM Open Miles Not Surfaced	0.933
Percentage FM Surfaced	99.75%
Total Open New/Resurfaced FM Miles 2009	0.000
FM in Municipalities Populated Less Than 500	7.548
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.933	190.319	3.714	158.695	13.210	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	797.628
AS Miles Open	789.788
AS Miles LNO	7.840
AS Open Miles Surfaced	710.317
AS Open Miles Not Surfaced	79.533
Percentage AS Surfaced	89.05%
Total Open New/Resurfaced AS Miles 2009	0.000
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	79.533	702.493	0.715	7.030	0.017	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000





# VAN BUREN

89

## COUNTY MILES SUMMARY

Secondary Miles	744.425	Rural Open Roads All Systems	802.266
Secondary Open Miles	734.325	Rural Primary Miles	67.941
Secondary Legal Not Open (LNO) Miles	10.100	Rural Open Surfaced Miles	755.657
Secondary Open Surfaced Miles	687.716	Total Open New/Resurfaced Rural Miles 2009	0.000
Secondary Open Not Surfaced Miles	46.559	Total Open Rural Miles Unknown Surface Type	0.050
Percentage Surfaced Secondary Roads	92.38%	Percentage County Miles FM	35.86%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	46.559	589.134	3.474	83.625	11.484	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	266.975
FM Miles Open	266.975
FM Miles LNO	0.000
FM Open Miles Surfaced	266.975
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	0.000
FM in Municipalities Populated Less Than 500	7.157
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	172.572	3.141	81.680	9.583	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	477.450
AS Miles Open	467.350
AS Miles LNO	10.100
AS Open Miles Surfaced	422.925
AS Open Miles Not Surfaced	46.559
Percentage AS Surfaced	88.58%
Total Open New/Resurfaced AS Miles 2009	0.000
AS Open Miles Unknown Surface Type	0.050

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	46.559	416.562	0.333	1.945	1.901	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

# WAPELLO

90

## COUNTY MILES SUMMARY

Secondary Miles	709.644	Rural Open Roads All Systems	772.713
Secondary Open Miles	703.232	Rural Primary Miles	69.481
Secondary Legal Not Open (LNO) Miles	6.412	Rural Open Surfaced Miles	736.452
Secondary Open Surfaced Miles	666.971	Total Open New/Resurfaced Rural Miles 2009	0.000
Secondary Open Not Surfaced Miles	36.262	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	93.99%	Percentage County Miles FM	38.92%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	36.262	521.099	7.688	107.608	30.576	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	276.176
FM Miles Open	276.176
FM Miles LNO	0.000
FM Open Miles Surfaced	276.176
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	0.000
FM in Municipalities Populated Less Than 500	3.834
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	151.439	6.801	94.945	22.991	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	433.468
AS Miles Open	427.056
AS Miles LNO	6.412
AS Open Miles Surfaced	390.795
AS Open Miles Not Surfaced	36.262
Percentage AS Surfaced	90.16%
Total Open New/Resurfaced AS Miles 2009	0.000
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	36.262	369.660	0.887	12.663	7.585	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000



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# WARREN

91

## COUNTY MILES SUMMARY

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Secondary Miles	871.790	Rural Open Roads All Systems	966.633
Secondary Open Miles	866.268	Rural Primary Miles	100.365
Secondary Legal Not Open (LNO) Miles	5.523	Rural Open Surfaced Miles	897.301
Secondary Open Surfaced Miles	796.936	Total Open New/Resurfaced Rural Miles 2009	4.920
Secondary Open Not Surfaced Miles	69.332	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	91.41%	Percentage County Miles FM	35.48%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	69.332	630.172	1.623	16.107	149.035	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.741	0.000	3.258	0.921	0.000

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## FARM-TO-MARKET (FM) SUMMARY

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Total FM Miles	309.317
FM Miles Open	309.317
FM Miles LNO	0.000
FM Open Miles Surfaced	309.317
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	4.179
FM in Municipalities Populated Less Than 500	4.089
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	161.748	0.892	13.886	132.791	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	3.258	0.921	0.000

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## AREA SERVICE (AS) SUMMARY

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Total AS Miles	562.474
AS Miles Open	556.951
AS Miles LNO	5.523
AS Open Miles Surfaced	487.881
AS Open Miles Not Surfaced	69.332
Percentage AS Surfaced	86.74%
Total Open New/Resurfaced AS Miles 2009	0.741
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	69.332	468.424	0.731	2.221	16.244	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.741	0.000	0.000	0.000	0.000

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# WOODBURY

97

## COUNTY MILES SUMMARY

Secondary Miles	1,358.991	Rural Open Roads All Systems	1,453.445
Secondary Open Miles	1,346.159	Rural Primary Miles	107.287
Secondary Legal Not Open (LNO) Miles	12.833	Rural Open Surfaced Miles	1,387.182
Secondary Open Surfaced Miles	1,279.895	Total Open New/Resurfaced Rural Miles 2009	0.000
Secondary Open Not Surfaced Miles	65.967	Total Open Rural Miles Unknown Surface Type	0.297
Percentage Surfaced Secondary Roads	94.18%	Percentage County Miles FM	29.33%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	65.967	940.559	0.718	251.023	87.595	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	398.605
FM Miles Open	398.605
FM Miles LNO	0.000
FM Open Miles Surfaced	398.605
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	0.000
FM in Municipalities Populated Less Than 500	5.907
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	83.804	0.000	240.798	74.003	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	960.387
AS Miles Open	947.554
AS Miles LNO	12.833
AS Open Miles Surfaced	881.807
AS Open Miles Not Surfaced	65.967
Percentage AS Surfaced	91.82%
Total Open New/Resurfaced AS Miles 2009	0.000
AS Open Miles Unknown Surface Type	0.297

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	65.967	856.756	0.718	10.225	13.592	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000

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# WORTH

98

## COUNTY MILES SUMMARY

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Secondary Miles	700.196	Rural Open Roads All Systems	751.232
Secondary Open Miles	693.405	Rural Primary Miles	57.827
Secondary Legal Not Open (LNO) Miles	6.792	Rural Open Surfaced Miles	749.183
Secondary Open Surfaced Miles	691.356	Total Open New/Resurfaced Rural Miles 2009	33.513
Secondary Open Not Surfaced Miles	2.049	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	98.74%	Percentage County Miles FM	34.62%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	2.049	474.086	0.056	176.314	40.900	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	9.470	24.043	0.000

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## FARM-TO-MARKET (FM) SUMMARY

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Total FM Miles	242.394
FM Miles Open	242.394
FM Miles LNO	0.000
FM Open Miles Surfaced	242.394
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	27.735
FM in Municipalities Populated Less Than 500	6.657
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	60.513	0.000	145.001	36.880	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	3.692	24.043	0.000

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## AREA SERVICE (AS) SUMMARY

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Total AS Miles	457.802
AS Miles Open	451.011
AS Miles LNO	6.792
AS Open Miles Surfaced	448.962
AS Open Miles Not Surfaced	2.049
Percentage AS Surfaced	98.07%
Total Open New/Resurfaced AS Miles 2009	5.778
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	2.049	413.573	0.056	31.313	4.020	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	5.778	0.000	0.000

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# WRIGHT

99

## COUNTY MILES SUMMARY

Secondary Miles	965.913	Rural Open Roads All Systems	1,031.589
Secondary Open Miles	964.339	Rural Primary Miles	67.250
Secondary Legal Not Open (LNO) Miles	1.574	Rural Open Surfaced Miles	1,029.461
Secondary Open Surfaced Miles	962.211	Total Open New/Resurfaced Rural Miles 2009	14.706
Secondary Open Not Surfaced Miles	2.128	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	99.62%	Percentage County Miles FM	23.87%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	2.128	792.977	0.546	137.453	31.235	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	14.706	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	230.522
FM Miles Open	230.522
FM Miles LNO	0.000
FM Open Miles Surfaced	230.522
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2009	14.706
FM in Municipalities Populated Less Than 500	1.583
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	65.185	0.000	135.102	30.235	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	14.706	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	735.391
AS Miles Open	733.817
AS Miles LNO	1.574
AS Open Miles Surfaced	732.660
AS Open Miles Not Surfaced	2.128
Percentage AS Surfaced	99.63%
Total Open New/Resurfaced AS Miles 2009	0.000
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	2.128	727.792	0.546	2.351	1.000	0.000
<b>Total New/Resurfaced Miles 2009</b>	0.000	0.000	0.000	0.000	0.000	0.000