

IOWA  
MILES OF  
RURAL SECONDARY ROADS  
AS OF  
JANUARY 1, 2015

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## Introduction

A PDF version of this report is also available at <http://www.iowadot.gov/research/analytics/secbook.html>.

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, 2015.

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

## Five Year Summary of the Secondary Road System in Iowa

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, 2015</b>									
Total Farm-to-Market	1.962	15.547	17.509	13,319.759	825.552	16,376.926	30,525.743	30,541.290 <sup>a</sup>	30,539.328 <sup>a</sup>
Total Non-Farm-to-Market	575.277	4,443.477	5,018.754	52,934.937	491.053	1,405.462	55,744.538 <sup>b</sup>	59,852.941 <sup>b</sup>	59,277.664 <sup>b</sup>
Total for State	577.239	4,459.024	5,036.263	66,254.696	1,316.605	17,782.388	86,270.281	91,678.299	89,817.788
<b>Jan. 1, 2014</b>									
Total Farm-to-Market	1.962	15.262	17.224	13,328.321	827.419	16,346.514	30,503.164	30,520.388 <sup>a</sup>	30,518.426 <sup>a</sup>
Total Non-Farm-to-Market	572.790	4,456.232	5,029.022	52,944.733	500.946	1,400.457	54,879.313 <sup>b</sup>	59,878.335 <sup>b</sup>	59,305.545 <sup>b</sup>
Total for State	574.752	4,471.494	5,046.246	66,273.054	1,328.365	17,746.971	85,382.473	90,398.723	89,823.971
<b>Jan. 1, 2013</b>									
Total Farm-to-Market	1.962	17.278	19.240	13,345.204	886.587	16,251.290	30,483.227 <sup>a</sup>	30,502.467 <sup>a</sup>	30,500.505 <sup>a</sup>
Total Non-Farm-to-Market	578.705	4,479.420	5,058.125	52,960.534	512.583	1,386.200	54,862.024 <sup>b</sup>	59,920.149 <sup>b</sup>	59,341.444 <sup>b</sup>
Total for State	580.667	4,496.698	5,077.365	66,305.738	1,399.170	17,637.490	85,345.251	90,422.616	89,841.949
<b>Jan. 1, 2011</b>									
Total Farm-to-Market	3.685	49.445	53.130	13,351.708	922.927	16,184.631	30,459.266	30,512.396	30,508.711
Total Non-Farm-to-Market	574.717	4,569.149	5,143.866	52,968.468	523.262	1,391.295	54,883.025	60,026.891	59,452.174
Total for State	578.402	4,618.594	5,196.996	66,320.176	1,446.189	17,575.926	85,342.291	90,539.287	89,960.885
<b>Jan. 1, 2010</b>									
Total Farm-to-Market	3.143	49.445	52.588	13,332.419	941.872	16,161.474	30,435.771	30,488.359	30,485.216
Total Non-Farm-to-Market	545.243	4,569.149	5,114.392	52,993.489	543.275	1,353.567	54,890.331	60,004.723	59,459.480
Total for State	548.386	4,618.594	5,166.980	66,325.908	1,485.147	17,515.045	85,326.102	90,493.082	89,944.696

<sup>a</sup> 0.146 miles for Unknown Surface Types for the Farm-to-Market Road System is accounted for in these values

<sup>b</sup> 1.794 miles for Unknown Surface Types for the Area Service Road System is accounted for in these values

## Statistical Summary

On Jan. 1, 2015, the condition of the Secondary Road System was as follows:

	Farm-to-Market System	Area Service System
<b>Miles of Earth-Surfaced Roads</b>	15.547	4,443.447
<b>Miles of Gravel-Surfaced Roads</b>	13,319.759	52,934.937
<b>Miles of Bituminous-Surfaced Roads</b>	825.552	491.053
<b>Miles of Asphalt-Surfaced Roads</b>	10,903.396	962.997
<b>Miles of PCC-Surfaced Roads</b>	5,473.530	442.465
<b>Miles of Combination-Surfaced Roads</b>	1.398	1.737
<b>Total Miles of Open Road</b>	30,787.998 <sup>a</sup>	59,277.664 <sup>b</sup>
<b>Legal Not Open Roads</b>	1.962	575.277
<b>Total Miles in System</b>	30,541.290 <sup>a</sup>	59,852.941 <sup>b</sup>

<sup>a</sup> 0.146 miles for Unknown Surface Types for the Farm-to-Market Road System is accounted for in these values.

<sup>b</sup> 1.794 miles for Unknown Surface Types for the Area Service Road System is accounted for in these values.

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, 2015	16.154	72.976
Jan. 1, 2014	2.447	15.464
Jan. 1, 2013	0.000	15.988
Jan. 1, 2012	16.154	68.711
Jan. 1, 2011	0.000	6.249

## STATE RURAL MILES SUMMARY

Secondary Miles	90,395.027	Rural Roads All Systems	98,259.222
Secondary Open Miles	89,817.788	Rural Primary Miles	7,864.195
Secondary Legal Not Open (LNO) Miles	577.239	Rural Open Surfaced Miles	93,222.959
Secondary Open Surfaced Miles	85,358.764	Total Open New/Resurfaced Rural Miles 2014	559.838
Secondary Open Not Surfaced Miles	4,459.024	Total Open Rural Miles Unknown Surface Type	1.940
Percentage Surfaced Secondary Roads	94.43%		

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	4,459.024	66,254.696	1,316.605	11,866.393	5,915.995	3.135
<b>Total New/Resurfaced Miles 2014</b>	16.154	72.976	0.301	324.426	145.981	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	30,541.290
FM Miles Open	30,539.328
FM Miles LNO	1.962
FM Open Miles Surfaced	30,525.743
FM Open Miles Not Surfaced	15.547
Percentage FM Open Surfaced	99.95%
Total Open New/Resurfaced FM Miles 2014	480.384
FM in Municipalities Populated Less Than 500	411.764
FM Open Miles Unknown Surface Type	0.146

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	15.547	13,319.759	825.552	10,903.396	5,473.530	1.398
<b>Total New/Resurfaced Miles 2014</b>	1.009	47.237	0.301	292.623	139.214	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	59,852.941
AS Miles Open	59,277.664
AS Miles LNO	575.277
AS Open Miles Surfaced	54,834.187
AS Open Miles Not Surfaced	4,443.477
Percentage AS Open Surfaced	91.61%
Total Open New/Resurfaced AS Miles 2014	79.454
AS Open Miles Unknown Surface Type	1.794

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	4,443.477	52,934.937	491.053	962.997	442.465	1.737
<b>Total New/Resurfaced Miles 2014</b>	15.145	25.739	0.000	31.803	6.767	0.000



**ADAMS**  
**2**  
**COUNTY MILES SUMMARY**

Secondary Miles	734.791	Rural Open Roads All Systems	780.152
Secondary Open Miles	733.869	Rural Primary Miles	46.283
Secondary Legal Not Open (LNO) Miles	1.844	Rural Open Surfaced Miles	681.898
Secondary Open Surfaced Miles	635.615	Total Open New/Resurfaced Rural Miles 2014	1.191
Secondary Open Not Surfaced Miles	98.254	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	86.50%	Percentage County Miles FM	27.21%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	98.254	530.081	0.156	71.844	33.534	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	1.191	0.000	0.000	0.000	0.000

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

Total FM Miles	199.945
FM Miles Open	199.945
FM Miles LNO	0.000
FM Open Miles Surfaced	199.945
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2014	0.000
FM in Municipalities Populated Less Than 500	2.791
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	99.201	0.000	69.444	31.300	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	0.000	0.000	0.000

**AREA SERVICE (AS) SUMMARY**

Total AS Miles	534.846
AS Miles Open	533.924
AS Miles LNO	0.922
AS Open Miles Surfaced	435.670
AS Open Miles Not Surfaced	98.254
Percentage AS Surfaced	81.46%
Total Open New/Resurfaced AS Miles 2014	1.191
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	98.254	430.880	0.156	2.400	2.234	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	1.191	0.000	0.000	0.000	0.000



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# ALLAMAKEE

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## COUNTY MILES SUMMARY

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Secondary Miles	881.874	Rural Open Roads All Systems	949.382
Secondary Open Miles	865.667	Rural Primary Miles	83.715
Secondary Legal Not Open (LNO) Miles	32.414	Rural Open Surfaced Miles	941.399
Secondary Open Surfaced Miles	857.684	Total Open New/Resurfaced Rural Miles 2014	6.244
Secondary Open Not Surfaced Miles	7.983	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	97.26%	Percentage County Miles FM	33.87%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	7.983	692.750	0.886	56.878	107.171	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	5.760	0.000	0.000	0.484	0.000

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## FARM-TO-MARKET (FM) SUMMARY

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Total FM Miles	298.692
FM Miles Open	298.692
FM Miles LNO	0.000
FM Open Miles Surfaced	298.692
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2014	6.174
FM in Municipalities Populated Less Than 500	1.648
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	140.499	0.114	54.739	103.341	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	5.690	0.000	0.000	0.484	0.000

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## AREA SERVICE (AS) SUMMARY

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Total AS Miles	583.182
AS Miles Open	566.975
AS Miles LNO	16.207
AS Open Miles Surfaced	558.992
AS Open Miles Not Surfaced	7.983
Percentage AS Surfaced	95.85%
Total Open New/Resurfaced AS Miles 2014	0.070
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	7.983	552.251	0.772	2.139	3.830	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.070	0.000	0.000	0.000	0.000

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# APPANOOSE

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## COUNTY MILES SUMMARY

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Secondary Miles	766.901	Rural Open Roads All Systems	808.859
Secondary Open Miles	757.146	Rural Primary Miles	51.713
Secondary Legal Not Open (LNO) Miles	19.381	Rural Open Surfaced Miles	779.193
Secondary Open Surfaced Miles	727.480	Total Open New/Resurfaced Rural Miles 2014	8.884
Secondary Open Not Surfaced Miles	29.667	Total Open Rural Miles Unknown Surface Type	0.146
Percentage Surfaced Secondary Roads	94.86%	Percentage County Miles FM	38.56%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	29.667	607.652	1.214	90.872	27.596	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.587	0.000	8.297	0.000	0.000

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## FARM-TO-MARKET (FM) SUMMARY

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Total FM Miles	295.723
FM Miles Open	295.723
FM Miles LNO	0.000
FM Open Miles Surfaced	295.723
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2014	8.297
FM in Municipalities Populated Less Than 500	10.920
FM Open Miles Unknown Surface Type	0.146

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	186.467	0.019	88.027	21.064	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	8.297	0.000	0.000

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## AREA SERVICE (AS) SUMMARY

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Total AS Miles	471.178
AS Miles Open	461.424
AS Miles LNO	9.755
AS Open Miles Surfaced	431.757
AS Open Miles Not Surfaced	29.667
Percentage AS Surfaced	91.63%
Total Open New/Resurfaced AS Miles 2014	0.587
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	29.667	421.185	1.195	2.845	6.532	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.587	0.000	0.000	0.000	0.000

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**BOONE**  
**8**  
**COUNTY MILES SUMMARY**

Secondary Miles	990.594	Rural Open Roads All Systems	1,074.695
Secondary Open Miles	987.834	Rural Primary Miles	86.861
Secondary Legal Not Open (LNO) Miles	5.520	Rural Open Surfaced Miles	1,072.921
Secondary Open Surfaced Miles	986.060	Total Open New/Resurfaced Rural Miles 2014	5.326
Secondary Open Not Surfaced Miles	1.774	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	99.54%	Percentage County Miles FM	31.43%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	1.774	788.927	1.250	58.727	137.156	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	2.909	0.000	2.417	0.000	0.000

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

Total FM Miles	311.334
FM Miles Open	311.334
FM Miles LNO	0.000
FM Open Miles Surfaced	311.334
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2014	3.409
FM in Municipalities Populated Less Than 500	4.027
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	128.203	0.000	52.155	130.976	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.992	0.000	2.417	0.000	0.000

**AREA SERVICE (AS) SUMMARY**

Total AS Miles	679.260
AS Miles Open	676.500
AS Miles LNO	2.760
AS Open Miles Surfaced	674.726
AS Open Miles Not Surfaced	1.774
Percentage AS Surfaced	99.33%
Total Open New/Resurfaced AS Miles 2014	1.917
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	1.774	660.724	1.250	6.572	6.180	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	1.917	0.000	0.000	0.000	0.000

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# BREMER

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## COUNTY MILES SUMMARY

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Secondary Miles	730.834	Rural Open Roads All Systems	814.844
Secondary Open Miles	729.871	Rural Primary Miles	84.973
Secondary Legal Not Open (LNO) Miles	1.926	Rural Open Surfaced Miles	811.226
Secondary Open Surfaced Miles	726.253	Total Open New/Resurfaced Rural Miles 2014	5.513
Secondary Open Not Surfaced Miles	3.618	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	99.37%	Percentage County Miles FM	27.48%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	3.618	573.396	3.980	146.400	12.477	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.500	0.000	5.013	0.000	0.000

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## FARM-TO-MARKET (FM) SUMMARY

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Total FM Miles	200.815
FM Miles Open	200.815
FM Miles LNO	0.000
FM Open Miles Surfaced	200.815
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2014	5.013
FM in Municipalities Populated Less Than 500	0.892
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	63.844	0.057	135.140	11.774	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	5.013	0.000	0.000

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## AREA SERVICE (AS) SUMMARY

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Total AS Miles	530.019
AS Miles Open	529.056
AS Miles LNO	0.963
AS Open Miles Surfaced	525.438
AS Open Miles Not Surfaced	3.618
Percentage AS Surfaced	99.14%
Total Open New/Resurfaced AS Miles 2014	0.500
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	3.618	509.552	3.923	11.260	0.703	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.500	0.000	0.000	0.000	0.000

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**BUENA VISTA**  
**11**  
**COUNTY MILES SUMMARY**

Secondary Miles	1,026.476	Rural Open Roads All Systems	1,110.344
Secondary Open Miles	1,022.448	Rural Primary Miles	87.896
Secondary Legal Not Open (LNO) Miles	8.128	Rural Open Surfaced Miles	1,102.869
Secondary Open Surfaced Miles	1,014.973	Total Open New/Resurfaced Rural Miles 2014	10.477
Secondary Open Not Surfaced Miles	7.475	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	98.88%	Percentage County Miles FM	32.35%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	7.475	766.504	2.464	229.395	16.610	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	8.884	1.593	0.000

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

Total FM Miles	332.016
FM Miles Open	332.016
FM Miles LNO	0.000
FM Open Miles Surfaced	332.016
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2014	9.252
FM in Municipalities Populated Less Than 500	1.923
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	92.269	0.000	223.826	15.921	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	7.659	1.593	0.000

**AREA SERVICE (AS) SUMMARY**

Total AS Miles	694.460
AS Miles Open	690.432
AS Miles LNO	4.028
AS Open Miles Surfaced	682.957
AS Open Miles Not Surfaced	7.475
Percentage AS Surfaced	98.34%
Total Open New/Resurfaced AS Miles 2014	1.225
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	7.475	674.235	2.464	5.569	0.689	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	1.225	0.000	0.000







**CASS**  
**15**  
**COUNTY MILES SUMMARY**

Secondary Miles	915.501	Rural Open Roads All Systems	1,054.874
Secondary Open Miles	914.403	Rural Primary Miles	140.471
Secondary Legal Not Open (LNO) Miles	2.975	Rural Open Surfaced Miles	914.958
Secondary Open Surfaced Miles	774.487	Total Open New/Resurfaced Rural Miles 2014	1.172
Secondary Open Not Surfaced Miles	139.916	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	84.60%	Percentage County Miles FM	28.69%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	139.916	662.345	4.817	83.639	23.686	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	1.137	0.000	0.035	0.000	0.000

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

Total FM Miles	262.613
FM Miles Open	262.613
FM Miles LNO	0.000
FM Open Miles Surfaced	262.613
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2014	0.577
FM in Municipalities Populated Less Than 500	3.723
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	160.133	0.596	79.237	22.647	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.542	0.000	0.035	0.000	0.000

**AREA SERVICE (AS) SUMMARY**

Total AS Miles	652.888
AS Miles Open	651.790
AS Miles LNO	1.098
AS Open Miles Surfaced	511.874
AS Open Miles Not Surfaced	139.916
Percentage AS Surfaced	78.40%
Total Open New/Resurfaced AS Miles 2014	0.595
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	139.916	502.212	4.221	4.402	1.039	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.595	0.000	0.000	0.000	0.000



















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# CRAWFORD

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## COUNTY MILES SUMMARY

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Secondary Miles	1,238.613	Rural Open Roads All Systems	1,318.269
Secondary Open Miles	1,224.707	Rural Primary Miles	93.562
Secondary Legal Not Open (LNO) Miles	25.999	Rural Open Surfaced Miles	1,133.439
Secondary Open Surfaced Miles	1,039.877	Total Open New/Resurfaced Rural Miles 2014	4.937
Secondary Open Not Surfaced Miles	184.830	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	83.95%	Percentage County Miles FM	31.63%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	184.830	892.502	2.978	93.532	50.865	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	4.937	0.000	0.000	0.000	0.000

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## FARM-TO-MARKET (FM) SUMMARY

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Total FM Miles	391.791
FM Miles Open	391.791
FM Miles LNO	0.000
FM Open Miles Surfaced	389.921
FM Open Miles Not Surfaced	1.870
Percentage FM Surfaced	99.52%
Total Open New/Resurfaced FM Miles 2014	0.453
FM in Municipalities Populated Less Than 500	4.639
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	1.870	248.575	1.559	90.912	48.875	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.453	0.000	0.000	0.000	0.000

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## AREA SERVICE (AS) SUMMARY

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Total AS Miles	846.823
AS Miles Open	832.916
AS Miles LNO	13.907
AS Open Miles Surfaced	649.957
AS Open Miles Not Surfaced	182.960
Percentage AS Surfaced	76.75%
Total Open New/Resurfaced AS Miles 2014	4.484
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	182.960	643.928	1.419	2.620	1.990	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	4.484	0.000	0.000	0.000	0.000

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# DAVIS

26

## COUNTY MILES SUMMARY

Secondary Miles	804.918	Rural Open Roads All Systems	848.588
Secondary Open Miles	800.560	Rural Primary Miles	48.028
Secondary Legal Not Open (LNO) Miles	4.299	Rural Open Surfaced Miles	788.227
Secondary Open Surfaced Miles	740.199	Total Open New/Resurfaced Rural Miles 2014	0.000
Secondary Open Not Surfaced Miles	60.361	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	91.96%	Percentage County Miles FM	34.41%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	60.361	649.173	0.392	81.883	8.751	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	276.944
FM Miles Open	276.944
FM Miles LNO	0.000
FM Open Miles Surfaced	276.944
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2014	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	190.754	0.392	80.365	5.433	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	527.974
AS Miles Open	523.616
AS Miles LNO	4.358
AS Open Miles Surfaced	463.256
AS Open Miles Not Surfaced	60.361
Percentage AS Surfaced	87.74%
Total Open New/Resurfaced AS Miles 2014	0.000
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	60.361	458.420	0.000	1.518	3.318	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	0.000	0.000	0.000







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# DES MOINES

29

## COUNTY MILES SUMMARY

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Secondary Miles	640.037	Rural Open Roads All Systems	672.620
Secondary Open Miles	636.236	Rural Primary Miles	36.384
Secondary Legal Not Open (LNO) Miles	7.602	Rural Open Surfaced Miles	616.998
Secondary Open Surfaced Miles	580.614	Total Open New/Resurfaced Rural Miles 2014	1.718
Secondary Open Not Surfaced Miles	55.622	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	90.72%	Percentage County Miles FM	38.78%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	55.622	450.995	0.024	91.458	38.137	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	1.718	0.000	0.000

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## FARM-TO-MARKET (FM) SUMMARY

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Total FM Miles	248.236
FM Miles Open	248.236
FM Miles LNO	0.000
FM Open Miles Surfaced	248.236
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2014	0.000
FM in Municipalities Populated Less Than 500	0.843
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	137.535	0.000	79.434	31.267	0.000
<b>Total New/Resurfaced Miles 2014</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	391.802
AS Miles Open	388.001
AS Miles LNO	3.801
AS Open Miles Surfaced	332.379
AS Open Miles Not Surfaced	55.622
Percentage AS Surfaced	84.83%
Total Open New/Resurfaced AS Miles 2014	1.718
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	55.622	313.461	0.024	12.024	6.870	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	1.718	0.000	0.000

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# DICKINSON

30

## COUNTY MILES SUMMARY

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Secondary Miles	676.653	Rural Open Roads All Systems	714.960
Secondary Open Miles	671.294	Rural Primary Miles	43.666
Secondary Legal Not Open (LNO) Miles	10.718	Rural Open Surfaced Miles	695.299
Secondary Open Surfaced Miles	651.633	Total Open New/Resurfaced Rural Miles 2014	0.664
Secondary Open Not Surfaced Miles	19.661	Total Open Rural Miles Unknown Surface Type	0.067
Percentage Surfaced Secondary Roads	96.30%	Percentage County Miles FM	33.68%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	19.661	462.352	7.301	110.959	70.808	0.146
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	0.000	0.664	0.000

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## FARM-TO-MARKET (FM) SUMMARY

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Total FM Miles	227.919
FM Miles Open	227.919
FM Miles LNO	0.000
FM Open Miles Surfaced	227.919
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2014	0.000
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	83.010	56.529	0.000
<b>Total New/Resurfaced Miles 2014</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	448.734
AS Miles Open	443.375
AS Miles LNO	5.359
AS Open Miles Surfaced	423.714
AS Open Miles Not Surfaced	19.661
Percentage AS Surfaced	94.42%
Total Open New/Resurfaced AS Miles 2014	0.664
AS Open Miles Unknown Surface Type	0.067

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	19.661	375.922	5.351	27.949	14.279	0.146
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	0.000	0.664	0.000

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# FLOYD

34

## COUNTY MILES SUMMARY

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Secondary Miles	908.290	Rural Open Roads All Systems	965.258
Secondary Open Miles	906.023	Rural Primary Miles	59.235
Secondary Legal Not Open (LNO) Miles	4.534	Rural Open Surfaced Miles	963.247
Secondary Open Surfaced Miles	904.012	Total Open New/Resurfaced Rural Miles 2014	12.419
Secondary Open Not Surfaced Miles	2.011	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	99.53%	Percentage County Miles FM	29.64%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	2.011	726.949	2.460	129.597	45.006	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	7.553	4.866	0.000

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## FARM-TO-MARKET (FM) SUMMARY

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Total FM Miles	269.213
FM Miles Open	269.213
FM Miles LNO	0.000
FM Open Miles Surfaced	269.213
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2014	11.574
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	109.285	0.000	121.344	38.584	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	7.553	4.021	0.000

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## AREA SERVICE (AS) SUMMARY

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Total AS Miles	639.077
AS Miles Open	636.810
AS Miles LNO	2.267
AS Open Miles Surfaced	634.799
AS Open Miles Not Surfaced	2.011
Percentage AS Surfaced	99.33%
Total Open New/Resurfaced AS Miles 2014	0.845
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	2.011	617.664	2.460	8.253	6.422	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	0.000	0.845	0.000

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**FRANKLIN**  
**35**  
**COUNTY MILES SUMMARY**

Secondary Miles	1,030.827	Rural Open Roads All Systems	1,107.516
Secondary Open Miles	1,027.636	Rural Primary Miles	79.880
Secondary Legal Not Open (LNO) Miles	5.495	Rural Open Surfaced Miles	1,095.138
Secondary Open Surfaced Miles	1,015.258	Total Open New/Resurfaced Rural Miles 2014	26.051
Secondary Open Not Surfaced Miles	12.378	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	98.49%	Percentage County Miles FM	36.82%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	12.378	791.892	0.000	177.178	46.188	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.062	0.000	18.004	7.985	0.000

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

Total FM Miles	379.598
FM Miles Open	379.598
FM Miles LNO	0.000
FM Open Miles Surfaced	379.598
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2014	19.657
FM in Municipalities Populated Less Than 500	9.205
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	168.003	0.000	167.077	44.518	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	11.672	7.985	0.000

**AREA SERVICE (AS) SUMMARY**

Total AS Miles	651.229
AS Miles Open	648.038
AS Miles LNO	3.191
AS Open Miles Surfaced	635.660
AS Open Miles Not Surfaced	12.378
Percentage AS Surfaced	97.61%
Total Open New/Resurfaced AS Miles 2014	6.394
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	12.378	623.889	0.000	10.101	1.670	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.062	0.000	6.332	0.000	0.000

**FREMONT**  
**36**  
**COUNTY MILES SUMMARY**

Secondary Miles	793.882	Rural Open Roads All Systems	888.809
Secondary Open Miles	789.526	Rural Primary Miles	99.283
Secondary Legal Not Open (LNO) Miles	8.712	Rural Open Surfaced Miles	752.953
Secondary Open Surfaced Miles	653.670	Total Open New/Resurfaced Rural Miles 2014	5.523
Secondary Open Not Surfaced Miles	135.857	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	82.34%	Percentage County Miles FM	36.30%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	135.857	447.294	102.923	65.976	37.477	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	2.528	0.000	2.995	0.000	0.000

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

Total FM Miles	288.185
FM Miles Open	288.185
FM Miles LNO	0.000
FM Open Miles Surfaced	288.185
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2014	4.056
FM in Municipalities Populated Less Than 500	5.161
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	91.081	99.862	62.336	34.906	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	1.061	0.000	2.995	0.000	0.000

**AREA SERVICE (AS) SUMMARY**

Total AS Miles	505.698
AS Miles Open	501.342
AS Miles LNO	4.356
AS Open Miles Surfaced	365.485
AS Open Miles Not Surfaced	135.857
Percentage AS Surfaced	72.27%
Total Open New/Resurfaced AS Miles 2014	1.467
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	135.857	356.213	3.061	3.640	2.571	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	1.467	0.000	0.000	0.000	0.000





# GUTHRIE

39

## COUNTY MILES SUMMARY

Secondary Miles	968.909	Rural Open Roads All Systems	1,039.032
Secondary Open Miles	960.707	Rural Primary Miles	78.325
Secondary Legal Not Open (LNO) Miles	15.864	Rural Open Surfaced Miles	972.299
Secondary Open Surfaced Miles	893.974	Total Open New/Resurfaced Rural Miles 2014	8.935
Secondary Open Not Surfaced Miles	66.733	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	92.27%	Percentage County Miles FM	32.32%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	66.733	746.335	24.622	43.008	79.928	0.081
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	8.935	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	313.192
FM Miles Open	313.192
FM Miles LNO	0.000
FM Open Miles Surfaced	313.192
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2014	8.935
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	174.222	23.886	42.581	72.422	0.081
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	8.935	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	655.717
AS Miles Open	647.515
AS Miles LNO	8.202
AS Open Miles Surfaced	580.782
AS Open Miles Not Surfaced	66.733
Percentage AS Surfaced	88.57%
Total Open New/Resurfaced AS Miles 2014	0.000
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	66.733	572.113	0.736	0.427	7.506	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	0.000	0.000	0.000









**HARRISON**  
**43**  
**COUNTY MILES SUMMARY**

Secondary Miles	1,122.538	Rural Open Roads All Systems	1,209.741
Secondary Open Miles	1,100.628	Rural Primary Miles	109.113
Secondary Legal Not Open (LNO) Miles	40.820	Rural Open Surfaced Miles	1,069.834
Secondary Open Surfaced Miles	960.721	Total Open New/Resurfaced Rural Miles 2014	9.997
Secondary Open Not Surfaced Miles	139.908	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	85.58%	Percentage County Miles FM	32.85%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	139.908	798.247	53.417	72.571	36.486	0.000
<b>Total New/Resurfaced Miles 2014</b>	1.943	3.667	0.000	0.000	4.387	0.000

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

Total FM Miles	368.725
FM Miles Open	368.725
FM Miles LNO	0.000
FM Open Miles Surfaced	368.479
FM Open Miles Not Surfaced	0.246
Percentage FM Surfaced	99.93%
Total Open New/Resurfaced FM Miles 2014	8.054
FM in Municipalities Populated Less Than 500	6.029
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.246	213.435	47.330	71.287	36.427	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	3.667	0.000	0.000	4.387	0.000

**AREA SERVICE (AS) SUMMARY**

Total AS Miles	753.814
AS Miles Open	731.904
AS Miles LNO	21.910
AS Open Miles Surfaced	592.242
AS Open Miles Not Surfaced	139.662
Percentage AS Surfaced	78.57%
Total Open New/Resurfaced AS Miles 2014	1.943
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	139.662	584.812	6.087	1.284	0.059	0.000
<b>Total New/Resurfaced Miles 2014</b>	1.943	0.000	0.000	0.000	0.000	0.000

**HENRY**  
**44**  
**COUNTY MILES SUMMARY**

Secondary Miles	760.777	Rural Open Roads All Systems	823.425
Secondary Open Miles	756.644	Rural Primary Miles	66.781
Secondary Legal Not Open (LNO) Miles	7.121	Rural Open Surfaced Miles	753.442
Secondary Open Surfaced Miles	686.661	Total Open New/Resurfaced Rural Miles 2014	1.320
Secondary Open Not Surfaced Miles	69.983	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	90.26%	Percentage County Miles FM	37.07%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	69.983	552.213	2.885	83.593	47.598	0.372
<b>Total New/Resurfaced Miles 2014</b>	1.320	0.000	0.000	0.000	0.000	0.000

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

Total FM Miles	281.992
FM Miles Open	281.992
FM Miles LNO	0.000
FM Open Miles Surfaced	281.992
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2014	0.000
FM in Municipalities Populated Less Than 500	4.764
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	160.352	0.145	79.085	42.410	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	0.000	0.000	0.000

**AREA SERVICE (AS) SUMMARY**

Total AS Miles	478.785
AS Miles Open	474.652
AS Miles LNO	4.133
AS Open Miles Surfaced	404.669
AS Open Miles Not Surfaced	69.983
Percentage AS Surfaced	84.52%
Total Open New/Resurfaced AS Miles 2014	1.320
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	69.983	391.861	2.740	4.508	5.188	0.372
<b>Total New/Resurfaced Miles 2014</b>	1.320	0.000	0.000	0.000	0.000	0.000















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# JEFFERSON

51

## COUNTY MILES SUMMARY

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Secondary Miles	764.289	Rural Open Roads All Systems	814.866
Secondary Open Miles	761.772	Rural Primary Miles	53.094
Secondary Legal Not Open (LNO) Miles	5.034	Rural Open Surfaced Miles	716.470
Secondary Open Surfaced Miles	663.376	Total Open New/Resurfaced Rural Miles 2014	12.069
Secondary Open Not Surfaced Miles	98.396	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	86.80%	Percentage County Miles FM	38.23%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	98.396	525.310	5.745	73.473	58.848	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	8.341	0.301	3.390	0.000	0.000

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## FARM-TO-MARKET (FM) SUMMARY

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Total FM Miles	292.168
FM Miles Open	292.168
FM Miles LNO	0.000
FM Open Miles Surfaced	290.255
FM Open Miles Not Surfaced	1.913
Percentage FM Surfaced	99.35%
Total Open New/Resurfaced FM Miles 2014	12.005
FM in Municipalities Populated Less Than 500	7.367
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	1.913	167.403	2.474	65.427	54.951	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	8.277	0.301	3.390	0.000	0.000

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## AREA SERVICE (AS) SUMMARY

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Total AS Miles	472.121
AS Miles Open	469.604
AS Miles LNO	2.517
AS Open Miles Surfaced	373.121
AS Open Miles Not Surfaced	96.483
Percentage AS Surfaced	79.03%
Total Open New/Resurfaced AS Miles 2014	0.064
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	96.483	357.907	3.271	8.046	3.897	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.064	0.000	0.000	0.000	0.000

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# KEOKUK

54

## COUNTY MILES SUMMARY

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Secondary Miles	946.691	Rural Open Roads All Systems	1,052.439
Secondary Open Miles	941.640	Rural Primary Miles	110.799
Secondary Legal Not Open (LNO) Miles	9.561	Rural Open Surfaced Miles	952.269
Secondary Open Surfaced Miles	841.470	Total Open New/Resurfaced Rural Miles 2014	0.854
Secondary Open Not Surfaced Miles	100.170	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	88.89%	Percentage County Miles FM	34.71%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	100.170	736.318	0.846	5.073	99.233	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.854	0.000	0.000	0.000	0.000	0.000

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## FARM-TO-MARKET (FM) SUMMARY

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Total FM Miles	328.638
FM Miles Open	328.638
FM Miles LNO	0.000
FM Open Miles Surfaced	328.638
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2014	0.000
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	225.313	0.247	5.052	98.026	0.000
<b>Total New/Resurfaced Miles 2014</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	618.054
AS Miles Open	613.002
AS Miles LNO	5.052
AS Open Miles Surfaced	512.832
AS Open Miles Not Surfaced	100.170
Percentage AS Surfaced	82.98%
Total Open New/Resurfaced AS Miles 2014	0.854
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	100.170	511.005	0.599	0.021	1.207	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.854	0.000	0.000	0.000	0.000	0.000

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**LEE**  
**56**  
**COUNTY MILES SUMMARY**

Secondary Miles	732.018	Rural Open Roads All Systems	845.116
Secondary Open Miles	729.191	Rural Primary Miles	115.925
Secondary Legal Not Open (LNO) Miles	5.756	Rural Open Surfaced Miles	835.270
Secondary Open Surfaced Miles	719.345	Total Open New/Resurfaced Rural Miles 2014	11.887
Secondary Open Not Surfaced Miles	9.846	Total Open Rural Miles Unknown Surface Type	0.092
Percentage Surfaced Secondary Roads	98.27%	Percentage County Miles FM	39.38%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	9.846	526.885	26.333	96.946	69.089	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.614	0.000	7.805	3.468	0.000

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

Total FM Miles	288.288
FM Miles Open	288.288
FM Miles LNO	0.000
FM Open Miles Surfaced	288.288
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2014	11.273
FM in Municipalities Populated Less Than 500	1.655
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	135.931	11.119	81.548	59.691	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	7.805	3.468	0.000

**AREA SERVICE (AS) SUMMARY**

Total AS Miles	443.730
AS Miles Open	440.903
AS Miles LNO	2.827
AS Open Miles Surfaced	431.057
AS Open Miles Not Surfaced	9.846
Percentage AS Surfaced	97.14%
Total Open New/Resurfaced AS Miles 2014	0.614
AS Open Miles Unknown Surface Type	0.092

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	9.846	390.955	15.214	15.398	9.398	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.614	0.000	0.000	0.000	0.000

**LINN**  
**57**  
**COUNTY MILES SUMMARY**

Secondary Miles	1,164.319	Rural Open Roads All Systems	1,239.631
Secondary Open Miles	1,155.838	Rural Primary Miles	83.793
Secondary Legal Not Open (LNO) Miles	16.439	Rural Open Surfaced Miles	1,224.188
Secondary Open Surfaced Miles	1,140.395	Total Open New/Resurfaced Rural Miles 2014	29.498
Secondary Open Not Surfaced Miles	15.443	Total Open Rural Miles Unknown Surface Type	0.662
Percentage Surfaced Secondary Roads	97.95%	Percentage County Miles FM	29.80%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	15.443	752.471	114.050	190.871	82.341	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.564	0.000	0.372	21.711	0.000

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

Total FM Miles	347.024
FM Miles Open	347.024
FM Miles LNO	0.000
FM Open Miles Surfaced	347.024
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2014	27.093
FM in Municipalities Populated Less Than 500	1.009
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	64.618	62.129	146.057	74.220	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	0.000	21.209	0.000

**AREA SERVICE (AS) SUMMARY**

Total AS Miles	817.295
AS Miles Open	808.814
AS Miles LNO	8.481
AS Open Miles Surfaced	793.371
AS Open Miles Not Surfaced	15.443
Percentage AS Surfaced	97.07%
Total Open New/Resurfaced AS Miles 2014	2.405
AS Open Miles Unknown Surface Type	0.662

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	15.443	687.853	51.921	44.814	8.121	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.564	0.000	0.372	0.502	0.000













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# MARION

63

## COUNTY MILES SUMMARY

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Secondary Miles	880.598	Rural Open Roads All Systems	949.331
Secondary Open Miles	868.449	Rural Primary Miles	80.882
Secondary Legal Not Open (LNO) Miles	25.213	Rural Open Surfaced Miles	910.555
Secondary Open Surfaced Miles	829.673	Total Open New/Resurfaced Rural Miles 2014	4.958
Secondary Open Not Surfaced Miles	38.776	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	94.22%	Percentage County Miles FM	36.03%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	38.776	662.776	27.656	81.183	58.058	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	4.958	0.000	0.000

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## FARM-TO-MARKET (FM) SUMMARY

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Total FM Miles	317.318
FM Miles Open	317.318
FM Miles LNO	0.000
FM Open Miles Surfaced	317.318
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2014	2.238
FM in Municipalities Populated Less Than 500	3.544
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	192.467	8.019	71.483	45.349	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	2.238	0.000	0.000

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## AREA SERVICE (AS) SUMMARY

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Total AS Miles	563.281
AS Miles Open	551.132
AS Miles LNO	12.149
AS Open Miles Surfaced	512.356
AS Open Miles Not Surfaced	38.776
Percentage AS Surfaced	90.96%
Total Open New/Resurfaced AS Miles 2014	2.720
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	38.776	470.310	19.637	9.700	12.709	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	2.720	0.000	0.000

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# MITCHELL

66

## COUNTY MILES SUMMARY

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Secondary Miles	809.567	Rural Open Roads All Systems	856.324
Secondary Open Miles	805.882	Rural Primary Miles	50.442
Secondary Legal Not Open (LNO) Miles	7.370	Rural Open Surfaced Miles	852.060
Secondary Open Surfaced Miles	801.618	Total Open New/Resurfaced Rural Miles 2014	32.657
Secondary Open Not Surfaced Miles	4.809	Total Open Rural Miles Unknown Surface Type	0.126
Percentage Surfaced Secondary Roads	99.02%	Percentage County Miles FM	31.81%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	4.264	589.763	1.536	107.500	102.693	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	0.909	31.748	0.000

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## FARM-TO-MARKET (FM) SUMMARY

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Total FM Miles	257.537
FM Miles Open	257.228
FM Miles LNO	0.309
FM Open Miles Surfaced	257.228
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	99.88%
Total Open New/Resurfaced FM Miles 2014	32.476
FM in Municipalities Populated Less Than 500	5.128
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	65.519	0.000	95.704	96.005	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	0.909	31.567	0.000

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## AREA SERVICE (AS) SUMMARY

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Total AS Miles	552.030
AS Miles Open	548.654
AS Miles LNO	3.376
AS Open Miles Surfaced	544.390
AS Open Miles Not Surfaced	4.264
Percentage AS Surfaced	98.62%
Total Open New/Resurfaced AS Miles 2014	0.181
AS Open Miles Unknown Surface Type	0.126

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	4.264	524.244	1.536	11.796	6.688	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	0.000	0.181	0.000

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# MONTGOMERY

69

## COUNTY MILES SUMMARY

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Secondary Miles	726.370	Rural Open Roads All Systems	784.508
Secondary Open Miles	723.001	Rural Primary Miles	61.507
Secondary Legal Not Open (LNO) Miles	6.832	Rural Open Surfaced Miles	679.855
Secondary Open Surfaced Miles	618.348	Total Open New/Resurfaced Rural Miles 2014	7.691
Secondary Open Not Surfaced Miles	101.147	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	85.13%	Percentage County Miles FM	31.26%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	104.653	508.716	3.169	66.278	40.185	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.725	0.000	0.000	6.966	0.000

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## FARM-TO-MARKET (FM) SUMMARY

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Total FM Miles	227.059
FM Miles Open	227.059
FM Miles LNO	0.000
FM Open Miles Surfaced	227.059
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2014	6.966
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	121.446	3.037	63.427	39.149	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	0.000	6.966	0.000

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## AREA SERVICE (AS) SUMMARY

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Total AS Miles	499.311
AS Miles Open	495.942
AS Miles LNO	3.369
AS Open Miles Surfaced	391.289
AS Open Miles Not Surfaced	104.653
Percentage AS Surfaced	78.37%
Total Open New/Resurfaced AS Miles 2014	0.725
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	104.653	387.270	0.132	2.851	1.036	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.725	0.000	0.000	0.000	0.000

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# O'BRIEN

71

## COUNTY MILES SUMMARY

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Secondary Miles	1,038.752	Rural Open Roads All Systems	1,111.246
Secondary Open Miles	1,029.465	Rural Primary Miles	81.781
Secondary Legal Not Open (LNO) Miles	17.390	Rural Open Surfaced Miles	1,057.930
Secondary Open Surfaced Miles	976.149	Total Open New/Resurfaced Rural Miles 2014	11.999
Secondary Open Not Surfaced Miles	53.316	Total Open Rural Miles Unknown Surface Type	0.062
Percentage Surfaced Secondary Roads	93.97%	Percentage County Miles FM	30.84%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	53.316	751.031	0.000	200.094	24.962	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.995	0.000	11.004	0.000	0.000

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## FARM-TO-MARKET (FM) SUMMARY

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Total FM Miles	320.380
FM Miles Open	320.380
FM Miles LNO	0.000
FM Open Miles Surfaced	320.380
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2014	11.338
FM in Municipalities Populated Less Than 500	0.660
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	100.533	0.000	196.288	23.559	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.995	0.000	10.343	0.000	0.000

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## AREA SERVICE (AS) SUMMARY

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Total AS Miles	718.372
AS Miles Open	709.085
AS Miles LNO	9.287
AS Open Miles Surfaced	655.769
AS Open Miles Not Surfaced	53.316
Percentage AS Surfaced	91.29%
Total Open New/Resurfaced AS Miles 2014	0.661
AS Open Miles Unknown Surface Type	0.062

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	53.316	650.498	0.000	3.806	1.403	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	0.661	0.000	0.000

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

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Secondary Miles	931.056	Rural Open Roads All Systems	985.092
Secondary Open Miles	923.717	Rural Primary Miles	61.376
Secondary Legal Not Open (LNO) Miles	14.679	Rural Open Surfaced Miles	835.393
Secondary Open Surfaced Miles	774.017	Total Open New/Resurfaced Rural Miles 2014	19.409
Secondary Open Not Surfaced Miles	149.700	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	83.13%	Percentage County Miles FM	35.14%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	149.700	571.497	86.813	65.942	49.766	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	4.683	0.000	14.726	0.000	0.000

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

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Total FM Miles	327.170
FM Miles Open	327.170
FM Miles LNO	0.000
FM Open Miles Surfaced	327.170
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2014	17.663
FM in Municipalities Populated Less Than 500	6.294
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	130.228	84.323	63.989	48.631	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	2.937	0.000	14.726	0.000	0.000

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**AREA SERVICE (AS) SUMMARY**

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Total AS Miles	603.886
AS Miles Open	596.547
AS Miles LNO	7.340
AS Open Miles Surfaced	446.847
AS Open Miles Not Surfaced	149.700
Percentage AS Surfaced	74.00%
Total Open New/Resurfaced AS Miles 2014	1.746
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	149.700	441.269	2.490	1.953	1.135	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	1.746	0.000	0.000	0.000	0.000

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# POLK

77

## COUNTY MILES SUMMARY

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Secondary Miles	740.987	Rural Open Roads All Systems	836.306
Secondary Open Miles	735.193	Rural Primary Miles	101.113
Secondary Legal Not Open (LNO) Miles	10.115	Rural Open Surfaced Miles	834.853
Secondary Open Surfaced Miles	733.740	Total Open New/Resurfaced Rural Miles 2014	25.644
Secondary Open Not Surfaced Miles	1.453	Total Open Rural Miles Unknown Surface Type	0.376
Percentage Surfaced Secondary Roads	99.02%	Percentage County Miles FM	43.88%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	1.453	172.467	31.585	497.272	31.757	0.283
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	25.644	0.000	0.000

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## FARM-TO-MARKET (FM) SUMMARY

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Total FM Miles	325.179
FM Miles Open	325.179
FM Miles LNO	0.000
FM Open Miles Surfaced	325.179
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2014	9.492
FM in Municipalities Populated Less Than 500	3.468
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	5.325	294.219	3.169	0.230
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	9.492	0.000	0.000

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## AREA SERVICE (AS) SUMMARY

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Total AS Miles	415.808
AS Miles Open	410.014
AS Miles LNO	5.794
AS Open Miles Surfaced	408.561
AS Open Miles Not Surfaced	1.453
Percentage AS Surfaced	98.26%
Total Open New/Resurfaced AS Miles 2014	16.152
AS Open Miles Unknown Surface Type	0.376

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	1.453	150.231	26.260	203.053	28.588	0.053
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	16.152	0.000	0.000

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# SCOTT

82

## COUNTY MILES SUMMARY

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Secondary Miles	566.251	Rural Open Roads All Systems	617.422
Secondary Open Miles	565.226	Rural Primary Miles	52.196
Secondary Legal Not Open (LNO) Miles	2.050	Rural Open Surfaced Miles	605.971
Secondary Open Surfaced Miles	553.775	Total Open New/Resurfaced Rural Miles 2014	7.380
Secondary Open Not Surfaced Miles	11.451	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	97.80%	Percentage County Miles FM	36.71%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	11.451	330.672	7.413	185.598	30.093	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.467	0.000	6.913	0.000	0.000

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## FARM-TO-MARKET (FM) SUMMARY

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Total FM Miles	207.862
FM Miles Open	207.862
FM Miles LNO	0.000
FM Open Miles Surfaced	207.008
FM Open Miles Not Surfaced	0.854
Percentage FM Surfaced	99.59%
Total Open New/Resurfaced FM Miles 2014	6.515
FM in Municipalities Populated Less Than 500	3.804
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.854	47.653	0.708	136.588	22.060	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	6.515	0.000	0.000

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## AREA SERVICE (AS) SUMMARY

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Total AS Miles	358.389
AS Miles Open	357.364
AS Miles LNO	1.025
AS Open Miles Surfaced	346.767
AS Open Miles Not Surfaced	10.597
Percentage AS Surfaced	96.76%
Total Open New/Resurfaced AS Miles 2014	0.865
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	10.597	283.019	6.705	49.010	8.033	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.467	0.000	0.398	0.000	0.000

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# SHELBY

83

## COUNTY MILES SUMMARY

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Secondary Miles	980.816	Rural Open Roads All Systems	1,046.058
Secondary Open Miles	969.585	Rural Primary Miles	76.473
Secondary Legal Not Open (LNO) Miles	23.502	Rural Open Surfaced Miles	905.339
Secondary Open Surfaced Miles	828.866	Total Open New/Resurfaced Rural Miles 2014	11.571
Secondary Open Not Surfaced Miles	140.720	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	84.51%	Percentage County Miles FM	30.65%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	140.720	696.541	15.139	97.064	20.122	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	11.571	0.000	0.000	0.000	0.000

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## FARM-TO-MARKET (FM) SUMMARY

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Total FM Miles	300.618
FM Miles Open	300.618
FM Miles LNO	0.000
FM Open Miles Surfaced	300.079
FM Open Miles Not Surfaced	0.539
Percentage FM Surfaced	99.82%
Total Open New/Resurfaced FM Miles 2014	5.467
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>	0.539	169.102	15.139	95.717	20.122	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	5.467	0.000	0.000	0.000	0.000

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## AREA SERVICE (AS) SUMMARY

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Total AS Miles	680.199
AS Miles Open	668.968
AS Miles LNO	11.231
AS Open Miles Surfaced	528.787
AS Open Miles Not Surfaced	140.181
Percentage AS Surfaced	77.74%
Total Open New/Resurfaced AS Miles 2014	6.104
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	140.181	527.440	0.000	1.347	0.000	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	6.104	0.000	0.000	0.000	0.000

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# SIoux

84

## COUNTY MILES SUMMARY

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Secondary Miles	1,384.781	Rural Open Roads All Systems	1,486.224
Secondary Open Miles	1,376.312	Rural Primary Miles	109.912
Secondary Legal Not Open (LNO) Miles	16.193	Rural Open Surfaced Miles	1,436.108
Secondary Open Surfaced Miles	1,326.196	Total Open New/Resurfaced Rural Miles 2014	4.330
Secondary Open Not Surfaced Miles	50.117	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	95.77%	Percentage County Miles FM	31.19%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	50.117	1,033.063	0.093	252.789	40.251	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.945	0.000	3.385	0.000	0.000

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## FARM-TO-MARKET (FM) SUMMARY

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Total FM Miles	431.868
FM Miles Open	431.868
FM Miles LNO	0.000
FM Open Miles Surfaced	430.954
FM Open Miles Not Surfaced	0.914
Percentage FM Surfaced	99.79%
Total Open New/Resurfaced FM Miles 2014	2.886
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	153.453	0.000	243.656	33.845	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	2.886	0.000	0.000

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## AREA SERVICE (AS) SUMMARY

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Total AS Miles	952.913
AS Miles Open	944.444
AS Miles LNO	8.469
AS Open Miles Surfaced	895.242
AS Open Miles Not Surfaced	49.203
Percentage AS Surfaced	93.95%
Total Open New/Resurfaced AS Miles 2014	1.444
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	49.203	879.610	0.093	9.133	6.406	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.945	0.000	0.499	0.000	0.000

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# TAMA

86

## COUNTY MILES SUMMARY

Secondary Miles	1,174.762	Rural Open Roads All Systems	1,270.286
Secondary Open Miles	1,166.038	Rural Primary Miles	104.248
Secondary Legal Not Open (LNO) Miles	17.399	Rural Open Surfaced Miles	1,193.449
Secondary Open Surfaced Miles	1,089.201	Total Open New/Resurfaced Rural Miles 2014	10.501
Secondary Open Not Surfaced Miles	76.837	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	92.72%	Percentage County Miles FM	31.57%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	76.837	897.909	4.429	170.049	15.926	0.888
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	10.501	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	370.909
FM Miles Open	370.909
FM Miles LNO	0.000
FM Open Miles Surfaced	369.976
FM Open Miles Not Surfaced	0.933
Percentage FM Surfaced	99.75%
Total Open New/Resurfaced FM Miles 2014	8.946
FM in Municipalities Populated Less Than 500	7.688
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.933	190.350	3.714	162.708	13.204	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	8.946	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	803.853
AS Miles Open	795.129
AS Miles LNO	8.724
AS Open Miles Surfaced	719.225
AS Open Miles Not Surfaced	75.904
Percentage AS Surfaced	89.47%
Total Open New/Resurfaced AS Miles 2014	1.555
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	75.904	707.559	0.715	7.341	2.722	0.888
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	1.555	0.000	0.000

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# TAYLOR

87

## COUNTY MILES SUMMARY

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Secondary Miles	932.769	Rural Open Roads All Systems	981.811
Secondary Open Miles	919.240	Rural Primary Miles	62.571
Secondary Legal Not Open (LNO) Miles	26.773	Rural Open Surfaced Miles	789.003
Secondary Open Surfaced Miles	726.432	Total Open New/Resurfaced Rural Miles 2014	13.501
Secondary Open Not Surfaced Miles	192.808	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	77.88%	Percentage County Miles FM	35.81%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	192.808	612.086	1.577	84.116	28.654	0.000
<b>Total New/Resurfaced Miles 2014</b>	12.037	1.464	0.000	0.000	0.000	0.000

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## FARM-TO-MARKET (FM) SUMMARY

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Total FM Miles	334.020
FM Miles Open	334.020
FM Miles LNO	0.000
FM Open Miles Surfaced	331.010
FM Open Miles Not Surfaced	3.010
Percentage FM Surfaced	99.10%
Total Open New/Resurfaced FM Miles 2014	1.009
FM in Municipalities Populated Less Than 500	4.751
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	3.010	219.969	1.245	83.667	26.130	0.000
<b>Total New/Resurfaced Miles 2014</b>	1.009	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	598.749
AS Miles Open	585.220
AS Miles LNO	13.529
AS Open Miles Surfaced	395.422
AS Open Miles Not Surfaced	189.798
Percentage AS Surfaced	66.04%
Total Open New/Resurfaced AS Miles 2014	12.492
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	189.798	392.117	0.332	0.449	2.524	0.000
<b>Total New/Resurfaced Miles 2014</b>	11.028	1.464	0.000	0.000	0.000	0.000

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# UNION

88

## COUNTY MILES SUMMARY

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Secondary Miles	719.546	Rural Open Roads All Systems	766.514
Secondary Open Miles	715.504	Rural Primary Miles	51.010
Secondary Legal Not Open (LNO) Miles	6.435	Rural Open Surfaced Miles	665.986
Secondary Open Surfaced Miles	614.976	Total Open New/Resurfaced Rural Miles 2014	2.388
Secondary Open Not Surfaced Miles	100.528	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	85.47%	Percentage County Miles FM	36.02%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	100.528	513.729	21.436	40.227	39.584	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.880	0.000	1.508	0.000	0.000

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## FARM-TO-MARKET (FM) SUMMARY

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Total FM Miles	259.175
FM Miles Open	259.175
FM Miles LNO	0.000
FM Open Miles Surfaced	259.175
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2014	1.508
FM in Municipalities Populated Less Than 500	3.863
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	172.737	16.814	36.246	33.378	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	1.508	0.000	0.000

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## AREA SERVICE (AS) SUMMARY

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Total AS Miles	460.372
AS Miles Open	456.329
AS Miles LNO	4.043
AS Open Miles Surfaced	355.802
AS Open Miles Not Surfaced	100.528
Percentage AS Surfaced	77.29%
Total Open New/Resurfaced AS Miles 2014	0.880
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	100.528	340.993	4.622	3.981	6.206	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.880	0.000	0.000	0.000	0.000

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**WARREN**  
**91**  
**COUNTY MILES SUMMARY**

Secondary Miles	879.993	Rural Open Roads All Systems	973.522
Secondary Open Miles	871.942	Rural Primary Miles	101.580
Secondary Legal Not Open (LNO) Miles	14.979	Rural Open Surfaced Miles	904.881
Secondary Open Surfaced Miles	803.301	Total Open New/Resurfaced Rural Miles 2014	0.274
Secondary Open Not Surfaced Miles	68.641	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	91.28%	Percentage County Miles FM	35.96%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	68.641	636.048	1.623	17.072	148.559	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.274	0.000	0.000	0.000	0.000

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

Total FM Miles	316.448
FM Miles Open	316.448
FM Miles LNO	0.000
FM Open Miles Surfaced	316.448
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2014	0.000
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	163.409	0.892	13.886	138.261	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	0.000	0.000	0.000

**AREA SERVICE (AS) SUMMARY**

Total AS Miles	563.545
AS Miles Open	555.494
AS Miles LNO	8.051
AS Open Miles Surfaced	486.853
AS Open Miles Not Surfaced	68.641
Percentage AS Surfaced	86.39%
Total Open New/Resurfaced AS Miles 2014	0.274
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	68.641	472.639	0.731	3.186	10.298	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.274	0.000	0.000	0.000	0.000

**WASHINGTON**  
**92**  
**COUNTY MILES SUMMARY**

Secondary Miles	935.514	Rural Open Roads All Systems	1,019.671
Secondary Open Miles	919.954	Rural Primary Miles	99.717
Secondary Legal Not Open (LNO) Miles	31.120	Rural Open Surfaced Miles	929.908
Secondary Open Surfaced Miles	830.191	Total Open New/Resurfaced Rural Miles 2014	16.268
Secondary Open Not Surfaced Miles	89.763	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	88.74%	Percentage County Miles FM	39.03%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	89.763	666.888	1.161	12.955	149.188	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	13.176	0.000	0.000	3.092	0.000

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

Total FM Miles	365.118
FM Miles Open	365.118
FM Miles LNO	0.000
FM Open Miles Surfaced	365.118
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2014	12.672
FM in Municipalities Populated Less Than 500	2.027
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	208.765	0.259	12.381	143.713	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	12.157	0.000	0.000	0.515	0.000

**AREA SERVICE (AS) SUMMARY**

Total AS Miles	570.397
AS Miles Open	554.837
AS Miles LNO	15.560
AS Open Miles Surfaced	465.074
AS Open Miles Not Surfaced	89.763
Percentage AS Surfaced	81.54%
Total Open New/Resurfaced AS Miles 2014	3.596
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	89.763	458.123	0.902	0.574	5.475	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	1.019	0.000	0.000	2.577	0.000





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# WINNEBAGO

95

## COUNTY MILES SUMMARY

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Secondary Miles	731.200	Rural Open Roads All Systems	765.364
Secondary Open Miles	725.097	Rural Primary Miles	40.267
Secondary Legal Not Open (LNO) Miles	9.592	Rural Open Surfaced Miles	764.033
Secondary Open Surfaced Miles	723.766	Total Open New/Resurfaced Rural Miles 2014	12.883
Secondary Open Not Surfaced Miles	1.331	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	98.98%	Percentage County Miles FM	28.03%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	1.331	573.747	0.055	143.264	6.700	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	8.405	4.478	0.000

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## FARM-TO-MARKET (FM) SUMMARY

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Total FM Miles	204.947
FM Miles Open	204.947
FM Miles LNO	0.000
FM Open Miles Surfaced	204.947
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2014	12.712
FM in Municipalities Populated Less Than 500	1.421
FM Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	0.000	58.001	0.000	141.695	5.251	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	8.234	4.478	0.000

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## AREA SERVICE (AS) SUMMARY

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Total AS Miles	526.254
AS Miles Open	520.150
AS Miles LNO	6.104
AS Open Miles Surfaced	518.819
AS Open Miles Not Surfaced	1.331
Percentage AS Surfaced	98.59%
Total Open New/Resurfaced AS Miles 2014	0.171
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	1.331	515.746	0.055	1.569	1.449	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	0.171	0.000	0.000

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**WORTH**  
**98**  
**COUNTY MILES SUMMARY**

Secondary Miles	717.195	Rural Open Roads All Systems	768.231
Secondary Open Miles	710.404	Rural Primary Miles	57.827
Secondary Legal Not Open (LNO) Miles	13.583	Rural Open Surfaced Miles	766.182
Secondary Open Surfaced Miles	708.355	Total Open New/Resurfaced Rural Miles 2014	21.974
Secondary Open Not Surfaced Miles	2.049	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	98.77%	Percentage County Miles FM	34.27%

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	2.049	487.659	0.056	136.640	84.000	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	0.000	21.974	0.000

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

Total FM Miles	245.794
FM Miles Open	245.794
FM Miles LNO	0.000
FM Open Miles Surfaced	245.794
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.00%
Total Open New/Resurfaced FM Miles 2014	19.976
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	60.991	0.000	119.889	64.914	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	0.000	19.976	0.000

**AREA SERVICE (AS) SUMMARY**

Total AS Miles	471.401
AS Miles Open	464.610
AS Miles LNO	6.792
AS Open Miles Surfaced	462.561
AS Open Miles Not Surfaced	2.049
Percentage AS Surfaced	98.12%
Total Open New/Resurfaced AS Miles 2014	1.998
AS Open Miles Unknown Surface Type	0.000

Surface Type	Earth	Gravel	Bituminous	Asphalt	PCC	Combination
<b>Total Miles by Surface</b>	2.049	426.668	0.056	16.751	19.086	0.000
<b>Total New/Resurfaced Miles 2014</b>	0.000	0.000	0.000	0.000	1.998	0.000



