

**IOWA  
MILES OF  
RURAL SECONDARY ROADS  
AS OF  
JANUARY 1, 2018**

## TABLE OF CONTENTS

INTRODUCTION	3
FIVE YEAR SUMMARY OF THE SECONDARY ROAD SYSTEM IN IOWA	4
STATISTICAL SUMMARY	5
STATE MILES SUMMARY	6
COUNTY MILES SUMMARY	7 to 105

## INTRODUCTIONS

A PDF version of this report is also available at <https://iowadot.gov/analytics/roadway-asset-management-system/secondary-road-miles> . The Iowa Department of Transportation's (Iowa DOT) Office of Analytics, 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 engineer offices. 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, 2018.

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 SECONDARY ROADS 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
-----------------------------	---------------------------	-------	------------------------	--------	------------	-------	----------------	------------------------------	------------------

Jan 01,2018

Total Farm-to-Market	1.915	21.359	23.274	13,317.104	770.695	16,417.446	30,505.391	30,123.478	30,526.753
Total Non-Farm-to-Market	547.523	4,401.367	4,948.890	52,950.492	477.938	1,389.595	54,818.041	59,215.861	59,219.422
Total for State	549.438	4,422.726	4,972.164	66,267.596	1,248.633	17,807.041	85,323.432	89,339.339	89,746.175

Jan 01,2017

Total Farm-to-Market	1.962	15.547	17.509	13,284.804	822.855	16,406.385	30,515.442	30,531.884	30,529.922
Total Non-Farm-to-Market	570.009	4,428.282	4,998.291	52,932.318	489.208	1,401.743	54,825.006	59,823.288	59,253.288
Total for State	571.971	4,443.829	5,015.800	66,217.122	1,312.063	17,808.128	85,340.448	90,355.172	89,783.210

Jan 01,2016

Total Farm-to-Market	1.962	15.547	17.509	13,319.760	825.552	16,376.930	30,525.740	30,541.290	30,539.328
Total Non-Farm-to-Market	575.277	4,443.480	5,018.750	52,934.940	491.053	1,405.460	55,744.538	59,852.941	59,277.664
Total for State	577.239	4,459.027	5,036.259	66,254.700	1,316.605	17,782.390	86,270.278	90,394.231	89,816.992

Jan 01,2015

Total Farm-to-Market	1.962	15.262	17.224	13,328.321	827.419	16,346.514	30,503.164	30,520.388	30,518.426
Total Non-Farm-to-Market	572.790	4,456.232	5,029.022	52,944.733	500.946	1,400.457	54,879.313	59,878.335	59,305.545
Total for State	574.752	4,471.494	5,046.246	66,273.054	1,328.365	17,746.971	85,382.477	90,398.723	89,823.971

Jan 01,2014

Total Farm-to-Market	1.962	15.262	17.224	13,325.158	872.783	16,301.374	30,499.461	30,516.685	30,514.723
Total Non-Farm-to-Market	576.444	4,462.814	5,039.258	52,961.948	510.256	1,384.420	54,857.637	59,896.895	59,320.451
Total for State	578.406	4,478.076	5,056.482	66,287.106	1,383.039	17,685.794	85,357.098	90,413.580	89,835.174

## STATISTICAL SUMMARY

On Jan. 1, 2018, the conditions of the secondary road system was as follows:

	Farm-to-Market System	Area Service System
<b>Miles of Gravel-Surfaced Roads</b>	13,317.104	52,950.492
<b>Miles of Bituminous-Surfaced Roads</b>	770.695	477.938
<b>Miles of Earth-Surfaced Roads</b>	21.359	4,401.367
<b>Miles of Asphalt-Surfaced Roads</b>	10,866.204	947.593
<b>Miles of PCC-Surfaced Roads</b>	5,551.057	440.687
<b>Miles of Combination-Surfaced Roads</b>	0.185	1.315
<b>Total Miles in System</b>	30,528.668	59,766.945
<b>Total Miles of Open Road</b>	30,526.753	59,219.422
<b>Legal Not Open Roads</b>	1.915	547.523

Comparison of grading and surfacing of farm-to-market and area service secondary roads accomplished in the past five years is as follows:

YEAR	EARTH	GRAVEL
Jan 01, 2017	0.001	16.506
Jan 01, 2016	0.231	21.772
Jan 01, 2015	0.000	0.000
Jan 01, 2014	3.016	13.685
Jan 01, 2013	0.670	18.752

## STATE RURAL MILES SUMMARY

Secondary Miles	90,295.613	Rural Roads All Systems	97,462.252
Secondary Open Miles	89,746.546	Rural Primary Miles	7,580.220
Secondary Legal Not Open (LNO) Miles	549.438	Rural Open Surfaced Miles	93,024.833
Secondary Open Surfaced Miles	85,323.792	Total Open New/Resurfaced Rural Miles 2017	330.675
Secondary Open Not Surfaced Miles	4,422.726	Total Open Rural Miles Unknown Surface Type	2.767
Percentage Surfaced Secondary Roads	94.320		

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles by Surface	4,422.726	66,267.835	1,248.728	11,813.823	5,991.744	1.500
Total New/Resurfaced Miles 2017	0.001	16.506	12.033	240.674	61.462	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	30,528.668
FM Miles Open	30,526.753
FM Miles LNO	1.915
FM Open Miles Surfaced	30,505.391
FM Open Miles Not Surfaced	21.359
Percentage FM Open Surfaced	99.930
Total Open New/Resurfaced FM Miles 2017	283.215
FM in Municipalities Populated Less Than 500	396.319
FM Open Miles Unknown Surface Type	0.003

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles by Surface	21.359	13,317.104	770.695	10,866.204	5,551.057	0.185
Total New/Resurfaced Miles 2017	0.000	6.215	7.059	214.335	55.606	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	59,766.945
AS Miles Open	59,219.422
AS Miles LNO	547.523
AS Open Miles Surfaced	54,818.041
AS Open Miles Not Surfaced	4,401.367
Percentage AS Open Surfaced	92.570
Total Open New/Resurfaced AS Miles 2017	47.460
AS Open Miles Unknown Surface Type	0.014

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles by Surface	4,401.367	52,950.492	477.938	947.593	440.687	1.315
Total New/Resurfaced Miles 2017	0.001	10.291	4.974	26.339	5.856	0.000

# ADAIR

1

## County Miles Summary

Secondary Miles	1,016.407	Rural Open Roads All Systems	1,081.961
Secondary Open Miles	1,015.137	Rural Primary Miles	67.755
Secondary Legal Not Open (LNO) Miles	1.270	Rural Open Surfaced Miles	948.469
Secondary Open Surfaced Miles	881.645	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	133.492	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	86.740	Percentage County Miles FM	27.850

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	133.492	793.247	8.415	79.399	0.584	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	278.317
FM Miles Open	278.317
FM Miles LNO	0.000
FM Open Miles Surfaced	278.317
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	1.757
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	194.288	4.318	79.399	0.312	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	738.090
AS Miles Open	736.820
AS Miles LNO	1.270
AS Open Miles Surfaced	603.329
AS Open Miles Not Surfaced	133.492
Percentage AS Surfaced	81.790
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	133.492	598.960	4.10	0.000	0.272	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# ADAMS

2

## County Miles Summary

Secondary Miles	720.979	Rural Open Roads All Systems	765.293
Secondary Open Miles	720.044	Rural Primary Miles	43.449
Secondary Legal Not Open (LNO) Miles	0.935	Rural Open Surfaced Miles	667.242
Secondary Open Surfaced Miles	622.139	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	97.905	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	86.290	Percentage County Miles FM	27.800

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	97.905	516.425	0.156	75.150	30.408	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	199.110
FM Miles Open	199.110
FM Miles LNO	0.000
FM Open Miles Surfaced	199.110
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	2.779
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	97.502	0.000	72.389	29.219	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	521.869
AS Miles Open	520.934
AS Miles LNO	0.935
AS Open Miles Surfaced	423.029
AS Open Miles Not Surfaced	97.905
Percentage AS Surfaced	81.060
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	97.905	418.923	0.16	2.761	1.189	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# ALLAMAKEE

3

## County Miles Summary

Secondary Miles	874.850	Rural Open Roads All Systems	959.660
Secondary Open Miles	859.533	Rural Primary Miles	83.651
Secondary Legal Not Open (LNO) Miles	15.317	Rural Open Surfaced Miles	948.974
Secondary Open Surfaced Miles	851.423	Total Open New/Resurfaced Rural Miles 2017	0.172
Secondary Open Not Surfaced Miles	8.110	Total Open Rural Miles Unknown Surface Type	0.001
Percentage Surfaced Secondary Roads	97.320	Percentage County Miles FM	34.670

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	8.110	681.749	0.603	57.019	112.053	0.000
Total New/Resurfaced Miles 2017	0.000	0.001	0.000	0.000	0.171	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	298.166
FM Miles Open	298.166
FM Miles LNO	0.000
FM Open Miles Surfaced	298.166
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	1.653
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	135.004	0.114	54.995	108.054	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	576.684
AS Miles Open	561.367
AS Miles LNO	15.317
AS Open Miles Surfaced	553.257
AS Open Miles Not Surfaced	8.110
Percentage AS Surfaced	96.560
AS Open New/Resurfaced AS Miles 2017	0.172
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	8.110	546.745	0.49	2.024	3.999	0.000
AS New/Resurfaced Miles 2017	0.000	0.001	0.00	0.000	0.171	0.000

# APPANOOSE

4

## County Miles Summary

Secondary Miles	761.955	Rural Open Roads All Systems	844.831
Secondary Open Miles	753.518	Rural Primary Miles	51.727
Secondary Legal Not Open (LNO) Miles	8.437	Rural Open Surfaced Miles	818.459
Secondary Open Surfaced Miles	727.146	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	26.372	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	95.380	Percentage County Miles FM	39.530

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	26.372	612.524	0.996	88.732	24.748	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	295.266
FM Miles Open	295.266
FM Miles LNO	0.000
FM Open Miles Surfaced	295.266
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	10.912
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	188.525	0.019	85.902	20.674	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	466.689
AS Miles Open	458.253
AS Miles LNO	8.437
AS Open Miles Surfaced	431.881
AS Open Miles Not Surfaced	26.372
Percentage AS Surfaced	92.730
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	26.372	424.000	0.98	2.830	4.074	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# AUDUBON

5

## County Miles Summary

Secondary Miles	754.481	Rural Open Roads All Systems	785.409
Secondary Open Miles	744.375	Rural Primary Miles	43.097
Secondary Legal Not Open (LNO) Miles	10.106	Rural Open Surfaced Miles	750.914
Secondary Open Surfaced Miles	709.880	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	34.496	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	94.090	Percentage County Miles FM	36.630

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	34.496	618.334	3.605	49.565	38.376	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	274.160
FM Miles Open	274.160
FM Miles LNO	0.000
FM Open Miles Surfaced	273.661
FM Open Miles Not Surfaced	0.499
Percentage FM Surfaced	99.820
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	2.063
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.499	185.608	1.159	48.653	38.241	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	480.321
AS Miles Open	470.215
AS Miles LNO	10.106
AS Open Miles Surfaced	436.219
AS Open Miles Not Surfaced	33.997
Percentage AS Surfaced	91.100
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	33.997	432.726	2.45	0.912	0.135	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# BENTON

6

## County Miles Summary

Secondary Miles	1,234.749	Rural Open Roads All Systems	1,327.357
Secondary Open Miles	1,232.357	Rural Primary Miles	95.265
Secondary Legal Not Open (LNO) Miles	2.393	Rural Open Surfaced Miles	1,234.202
Secondary Open Surfaced Miles	1,139.204	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	93.153	Total Open Rural Miles Unknown Surface Type	0.002
Percentage Surfaced Secondary Roads	91.800	Percentage County Miles FM	30.220

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	93.153	920.393	9.526	180.330	28.955	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	360.069
FM Miles Open	360.069
FM Miles LNO	0.000
FM Open Miles Surfaced	360.069
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	1.685
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	155.033	1.811	174.412	28.813	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	874.681
AS Miles Open	872.288
AS Miles LNO	2.393
AS Open Miles Surfaced	779.136
AS Open Miles Not Surfaced	93.153
Percentage AS Surfaced	89.170
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	93.153	765.361	7.72	5.918	0.142	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# BLACK HAWK

7

## County Miles Summary

Secondary Miles	765.591	Rural Open Roads All Systems	845.876
Secondary Open Miles	764.876	Rural Primary Miles	81.228
Secondary Legal Not Open (LNO) Miles	0.715	Rural Open Surfaced Miles	842.225
Secondary Open Surfaced Miles	761.250	Total Open New/Resurfaced Rural Miles 2017	5.759
Secondary Open Not Surfaced Miles	3.626	Total Open Rural Miles Unknown Surface Type	0.025
Percentage Surfaced Secondary Roads	99.430	Percentage County Miles FM	40.620

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	3.626	517.834	16.285	205.562	21.569	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	5.759	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	274.281
FM Miles Open	274.281
FM Miles LNO	0.000
FM Open Miles Surfaced	274.281
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	5.759
FM in Municipalities Populated Less Than 500	0.024
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	58.461	1.328	194.319	20.174	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	5.759	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	491.310
AS Miles Open	490.595
AS Miles LNO	0.715
AS Open Miles Surfaced	486.969
AS Open Miles Not Surfaced	3.626
Percentage AS Surfaced	99.120
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	3.626	459.374	14.96	11.243	1.395	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# BOONE

8

## County Miles Summary

Secondary Miles	974.702	Rural Open Roads All Systems	1,062.792
Secondary Open Miles	972.076	Rural Primary Miles	84.806
Secondary Legal Not Open (LNO) Miles	2.626	Rural Open Surfaced Miles	1,060.479
Secondary Open Surfaced Miles	969.764	Total Open New/Resurfaced Rural Miles 2017	5.985
Secondary Open Not Surfaced Miles	2.312	Total Open Rural Miles Unknown Surface Type	0.001
Percentage Surfaced Secondary Roads	99.490	Percentage County Miles FM	32.390

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	2.312	778.547	1.250	59.247	130.720	0.000
Total New/Resurfaced Miles 2017	0.000	0.996	0.000	4.489	0.500	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	304.647
FM Miles Open	304.647
FM Miles LNO	0.000
FM Open Miles Surfaced	304.647
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	4.989
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
FM Miles By Surface	0.000	127.232	0.000	52.270	125.145	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	4.489	0.500	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	670.055
AS Miles Open	667.429
AS Miles LNO	2.626
AS Open Miles Surfaced	665.117
AS Open Miles Not Surfaced	2.312
Percentage AS Surfaced	99.290
AS Open New/Resurfaced AS Miles 2017	0.996
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	2.312	651.315	1.25	6.977	5.575	0.000
AS New/Resurfaced Miles 2017	0.000	0.996	0.00	0.000	0.000	0.000

# BREMER

9

## County Miles Summary

Secondary Miles	714.118	Rural Open Roads All Systems	795.342
Secondary Open Miles	713.279	Rural Primary Miles	80.753
Secondary Legal Not Open (LNO) Miles	0.839	Rural Open Surfaced Miles	791.715
Secondary Open Surfaced Miles	709.662	Total Open New/Resurfaced Rural Miles 2017	5.797
Secondary Open Not Surfaced Miles	3.617	Total Open Rural Miles Unknown Surface Type	0.010
Percentage Surfaced Secondary Roads	99.380	Percentage County Miles FM	28.610

<b>SURFACE TYPE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
Total Miles By Surface	3.617	566.660	2.745	132.720	7.537	0.000
Total New/Resurfaced Miles 2017	0.000	0.013	0.000	5.784	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	188.476
FM Miles Open	188.476
FM Miles LNO	0.000
FM Open Miles Surfaced	188.476
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	5.784
FM in Municipalities Populated Less Than 500	0.892
Fm Open Miles Unknown Surface Type	0.000

<b>SURFACE TYPE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
FM Miles By Surface	0.000	60.120	0.057	121.454	6.845	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	5.784	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	525.642
AS Miles Open	524.803
AS Miles LNO	0.839
AS Open Miles Surfaced	521.186
AS Open Miles Not Surfaced	3.617
Percentage AS Surfaced	99.150
AS Open New/Resurfaced AS Miles 2017	0.013
AS Open Miles Unknown Surface Type	0.000

<b>SURFACE TITLE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
AS Miles By Surface	3.617	506.540	2.69	11.266	0.692	0.000
AS New/Resurfaced Miles 2017	0.000	0.013	0.00	0.000	0.000	0.000

# BUCHANAN

10

## County Miles Summary

Secondary Miles	961.620	Rural Open Roads All Systems	1,029.780
Secondary Open Miles	960.832	Rural Primary Miles	69.912
Secondary Legal Not Open (LNO) Miles	1.019	Rural Open Surfaced Miles	1,006.027
Secondary Open Surfaced Miles	937.079	Total Open New/Resurfaced Rural Miles 2017	0.790
Secondary Open Not Surfaced Miles	23.754	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	97.390	Percentage County Miles FM	37.610

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	23.754	733.994	0.933	26.538	175.615	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.790	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	349.611
FM Miles Open	349.611
FM Miles LNO	0.000
FM Open Miles Surfaced	349.611
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	1.032
FM in Municipalities Populated Less Than 500	3.040
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	153.842	0.776	23.733	171.261	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.790	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	612.009
AS Miles Open	610.991
AS Miles LNO	1.019
AS Open Miles Surfaced	587.237
AS Open Miles Not Surfaced	23.754
Percentage AS Surfaced	95.950
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	23.754	579.921	0.16	2.805	4.354	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# BUENA VISTA

11

## County Miles Summary

Secondary Miles	1,006.981	Rural Open Roads All Systems	1,089.674
Secondary Open Miles	1,002.904	Rural Primary Miles	87.880
Secondary Legal Not Open (LNO) Miles	4.077	Rural Open Surfaced Miles	1,080.196
Secondary Open Surfaced Miles	993.426	Total Open New/Resurfaced Rural Miles 2017	4.028
Secondary Open Not Surfaced Miles	9.479	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	98.470	Percentage County Miles FM	33.370

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	9.479	745.523	2.463	233.342	12.098	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	4.028	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	331.611
FM Miles Open	331.611
FM Miles LNO	0.000
FM Open Miles Surfaced	331.611
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	4.028
FM in Municipalities Populated Less Than 500	1.921
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	92.210	0.000	227.978	11.423	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	4.028	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	675.370
AS Miles Open	671.293
AS Miles LNO	4.077
AS Open Miles Surfaced	661.815
AS Open Miles Not Surfaced	9.479
Percentage AS Surfaced	98.010
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	9.479	653.313	2.46	5.364	0.675	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# BUTLER

12

## County Miles Summary

Secondary Miles	961.790	Rural Open Roads All Systems	1,032.930
Secondary Open Miles	955.622	Rural Primary Miles	75.108
Secondary Legal Not Open (LNO) Miles	6.168	Rural Open Surfaced Miles	1,019.714
Secondary Open Surfaced Miles	942.991	Total Open New/Resurfaced Rural Miles 2017	7.103
Secondary Open Not Surfaced Miles	12.631	Total Open Rural Miles Unknown Surface Type	0.499
Percentage Surfaced Secondary Roads	98.050	Percentage County Miles FM	31.820

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	12.631	737.281	0.721	203.389	1.601	0.000
Total New/Resurfaced Miles 2017	0.000	0.008	0.000	7.095	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	294.227
FM Miles Open	294.227
FM Miles LNO	0.000
FM Open Miles Surfaced	294.227
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	7.095
FM in Municipalities Populated Less Than 500	3.449
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	97.249	0.000	196.005	0.974	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	7.095	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	667.563
AS Miles Open	661.395
AS Miles LNO	6.168
AS Open Miles Surfaced	648.764
AS Open Miles Not Surfaced	12.631
Percentage AS Surfaced	97.230
AS Open New/Resurfaced AS Miles 2017	0.008
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	12.631	640.032	0.72	7.384	0.627	0.000
AS New/Resurfaced Miles 2017	0.000	0.008	0.00	0.000	0.000	0.000

# CALHOUN

13

## County Miles Summary

Secondary Miles	997.848	Rural Open Roads All Systems	1,072.676
Secondary Open Miles	997.848	Rural Primary Miles	79.260
Secondary Legal Not Open (LNO) Miles	0.000	Rural Open Surfaced Miles	1,067.076
Secondary Open Surfaced Miles	992.248	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	5.600	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	99.440	Percentage County Miles FM	33.820

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	5.600	803.020	2.844	100.552	85.832	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	325.654
FM Miles Open	325.654
FM Miles LNO	0.000
FM Open Miles Surfaced	325.654
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	4.730
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	142.015	0.236	97.571	85.832	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	672.194
AS Miles Open	672.194
AS Miles LNO	0.000
AS Open Miles Surfaced	666.594
AS Open Miles Not Surfaced	5.600
Percentage AS Surfaced	99.170
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	5.600	661.005	2.61	2.981	0.000	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# CARROLL

14

## County Miles Summary

Secondary Miles	1,007.606	Rural Open Roads All Systems	1,063.413
Secondary Open Miles	1,005.168	Rural Primary Miles	63.770
Secondary Legal Not Open (LNO) Miles	2.438	Rural Open Surfaced Miles	1,049.333
Secondary Open Surfaced Miles	991.088	Total Open New/Resurfaced Rural Miles 2017	8.475
Secondary Open Not Surfaced Miles	14.080	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	98.360	Percentage County Miles FM	38.050

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	14.080	793.262	0.477	166.169	31.181	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	8.475	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	373.133
FM Miles Open	373.133
FM Miles LNO	0.000
FM Open Miles Surfaced	373.133
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	8.475
FM in Municipalities Populated Less Than 500	11.666
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	184.785	0.406	160.038	27.904	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	8.475	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	634.474
AS Miles Open	632.036
AS Miles LNO	2.438
AS Open Miles Surfaced	617.956
AS Open Miles Not Surfaced	14.080
Percentage AS Surfaced	97.400
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	14.080	608.477	0.07	6.131	3.277	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# CASS

15

## County Miles Summary

Secondary Miles	898.490	Rural Open Roads All Systems	1,036.195
Secondary Open Miles	896.711	Rural Primary Miles	134.498
Secondary Legal Not Open (LNO) Miles	1.779	Rural Open Surfaced Miles	901.554
Secondary Open Surfaced Miles	762.070	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	134.641	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	84.820	Percentage County Miles FM	29.910

<b>SURFACE TYPE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
Total Miles By Surface	134.641	651.186	3.440	93.302	14.142	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	264.229
FM Miles Open	264.229
FM Miles LNO	0.000
FM Open Miles Surfaced	264.229
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	3.724
Fm Open Miles Unknown Surface Type	0.000

<b>SURFACE TYPE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
FM Miles By Surface	0.000	161.756	0.483	88.901	13.089	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	634.262
AS Miles Open	632.483
AS Miles LNO	1.779
AS Open Miles Surfaced	497.842
AS Open Miles Not Surfaced	134.641
Percentage AS Surfaced	78.570
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

<b>SURFACE TITLE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
AS Miles By Surface	134.641	489.431	2.96	4.401	1.053	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# CEDAR

16

## County Miles Summary

Secondary Miles	944.820	Rural Open Roads All Systems	1,020.132
Secondary Open Miles	938.885	Rural Primary Miles	81.636
Secondary Legal Not Open (LNO) Miles	5.935	Rural Open Surfaced Miles	966.999
Secondary Open Surfaced Miles	885.752	Total Open New/Resurfaced Rural Miles 2017	3.349
Secondary Open Not Surfaced Miles	53.134	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	93.750	Percentage County Miles FM	38.630

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	53.134	747.529	1.354	81.248	55.622	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	3.349	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	353.614
FM Miles Open	353.614
FM Miles LNO	0.000
FM Open Miles Surfaced	353.068
FM Open Miles Not Surfaced	0.546
Percentage FM Surfaced	99.850
FM Open New/Resurfaced FM Miles 2017	3.349
FM in Municipalities Populated Less Than 500	0.389
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.546	229.291	0.394	68.448	54.935	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	3.349	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	591.207
AS Miles Open	585.272
AS Miles LNO	5.935
AS Open Miles Surfaced	532.684
AS Open Miles Not Surfaced	52.588
Percentage AS Surfaced	90.120
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	52.588	518.238	0.96	12.800	0.687	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# CERRO GORDO

17

## County Miles Summary

Secondary Miles	969.001	Rural Open Roads All Systems	1,025.053
Secondary Open Miles	966.357	Rural Primary Miles	62.127
Secondary Legal Not Open (LNO) Miles	2.644	Rural Open Surfaced Miles	1,016.920
Secondary Open Surfaced Miles	958.230	Total Open New/Resurfaced Rural Miles 2017	7.944
Secondary Open Not Surfaced Miles	8.127	Total Open Rural Miles Unknown Surface Type	0.006
Percentage Surfaced Secondary Roads	98.890	Percentage County Miles FM	38.630

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	8.127	691.053	2.187	214.977	50.013	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	7.944	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	344.888
FM Miles Open	344.888
FM Miles LNO	0.000
FM Open Miles Surfaced	344.888
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	7.944
FM in Municipalities Populated Less Than 500	6.328
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	99.975	0.000	201.861	43.053	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	7.944	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	624.113
AS Miles Open	621.469
AS Miles LNO	2.644
AS Open Miles Surfaced	613.342
AS Open Miles Not Surfaced	8.127
Percentage AS Surfaced	98.270
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	8.127	591.079	2.19	13.116	6.960	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# CHEROKEE

18

## County Miles Summary

Secondary Miles	1,004.945	Rural Open Roads All Systems	1,062.881
Secondary Open Miles	997.720	Rural Primary Miles	66.509
Secondary Legal Not Open (LNO) Miles	7.225	Rural Open Surfaced Miles	1,040.413
Secondary Open Surfaced Miles	975.252	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	22.469	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	97.050	Percentage County Miles FM	31.430

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	22.469	757.602	0.000	88.519	129.131	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	311.066
FM Miles Open	310.068
FM Miles LNO	0.998
FM Open Miles Surfaced	310.068
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	99.680
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	1.535
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	95.834	0.000	86.370	127.864	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	693.879
AS Miles Open	687.652
AS Miles LNO	6.227
AS Open Miles Surfaced	665.184
AS Open Miles Not Surfaced	22.469
Percentage AS Surfaced	95.990
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	22.469	661.768	0.00	2.149	1.267	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# CHICKASAW

19

## County Miles Summary

Secondary Miles	849.627	Rural Open Roads All Systems	910.525
Secondary Open Miles	847.659	Rural Primary Miles	68.456
Secondary Legal Not Open (LNO) Miles	1.968	Rural Open Surfaced Miles	901.100
Secondary Open Surfaced Miles	838.234	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	9.425	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	98.660	Percentage County Miles FM	29.180

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	9.425	691.683	0.640	99.690	46.222	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	243.328
FM Miles Open	243.328
FM Miles LNO	0.000
FM Open Miles Surfaced	242.321
FM Open Miles Not Surfaced	1.007
Percentage FM Surfaced	99.590
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	5.595
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	1.007	98.098	0.000	98.890	45.333	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	606.300
AS Miles Open	604.332
AS Miles LNO	1.968
AS Open Miles Surfaced	595.914
AS Open Miles Not Surfaced	8.418
Percentage AS Surfaced	98.290
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	8.418	593.585	0.64	0.800	0.889	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# CLARKE

20

## County Miles Summary

Secondary Miles	660.436	Rural Open Roads All Systems	713.790
Secondary Open Miles	657.283	Rural Primary Miles	57.469
Secondary Legal Not Open (LNO) Miles	3.154	Rural Open Surfaced Miles	649.766
Secondary Open Surfaced Miles	593.260	Total Open New/Resurfaced Rural Miles 2017	0.866
Secondary Open Not Surfaced Miles	64.023	Total Open Rural Miles Unknown Surface Type	0.001
Percentage Surfaced Secondary Roads	89.660	Percentage County Miles FM	38.620

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	64.023	532.509	4.153	10.464	46.135	0.000
Total New/Resurfaced Miles 2017	0.000	0.002	0.000	0.864	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	252.510
FM Miles Open	252.510
FM Miles LNO	0.000
FM Open Miles Surfaced	252.510
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.864
FM in Municipalities Populated Less Than 500	0.866
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	193.017	4.025	9.368	46.101	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.864	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	407.927
AS Miles Open	404.773
AS Miles LNO	3.154
AS Open Miles Surfaced	340.751
AS Open Miles Not Surfaced	64.023
Percentage AS Surfaced	83.290
AS Open New/Resurfaced AS Miles 2017	0.002
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	64.023	339.493	0.13	1.096	0.034	0.000
AS New/Resurfaced Miles 2017	0.000	0.002	0.00	0.000	0.000	0.000

# CLAY

21

## County Miles Summary

Secondary Miles	968.817	Rural Open Roads All Systems	1,021.504
Secondary Open Miles	968.243	Rural Primary Miles	51.965
Secondary Legal Not Open (LNO) Miles	0.574	Rural Open Surfaced Miles	1,018.105
Secondary Open Surfaced Miles	964.860	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	3.383	Total Open Rural Miles Unknown Surface Type	0.016
Percentage Surfaced Secondary Roads	99.590	Percentage County Miles FM	32.710

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	3.383	735.596	0.069	161.974	67.222	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	311.900
FM Miles Open	311.900
FM Miles LNO	0.000
FM Open Miles Surfaced	311.900
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	4.526
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	94.214	0.000	156.928	60.759	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	656.917
AS Miles Open	656.343
AS Miles LNO	0.574
AS Open Miles Surfaced	652.960
AS Open Miles Not Surfaced	3.383
Percentage AS Surfaced	99.400
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	3.383	641.382	0.07	5.046	6.463	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# CLAYTON

22

## County Miles Summary

Secondary Miles	1,091.885	Rural Open Roads All Systems	1,174.160
Secondary Open Miles	1,081.821	Rural Primary Miles	102.456
Secondary Legal Not Open (LNO) Miles	10.064	Rural Open Surfaced Miles	1,148.869
Secondary Open Surfaced Miles	1,056.531	Total Open New/Resurfaced Rural Miles 2017	8.731
Secondary Open Not Surfaced Miles	25.290	Total Open Rural Miles Unknown Surface Type	0.001
Percentage Surfaced Secondary Roads	96.760	Percentage County Miles FM	38.900

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	25.290	837.222	26.049	76.522	116.738	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	1.784	6.875	0.072	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	413.363
FM Miles Open	413.363
FM Miles LNO	0.000
FM Open Miles Surfaced	413.363
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	6.814
FM in Municipalities Populated Less Than 500	12.833
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	212.755	16.236	73.156	111.216	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	6.498	0.072	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	678.522
AS Miles Open	668.458
AS Miles LNO	10.064
AS Open Miles Surfaced	643.168
AS Open Miles Not Surfaced	25.290
Percentage AS Surfaced	94.930
AS Open New/Resurfaced AS Miles 2017	2.161
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	25.290	624.467	9.81	3.366	5.522	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	1.78	0.377	0.000	0.000

# CLINTON

23

## County Miles Summary

Secondary Miles	1,005.954	Rural Open Roads All Systems	1,091.991
Secondary Open Miles	1,001.164	Rural Primary Miles	94.236
Secondary Legal Not Open (LNO) Miles	4.790	Rural Open Surfaced Miles	1,088.540
Secondary Open Surfaced Miles	997.713	Total Open New/Resurfaced Rural Miles 2017	8.344
Secondary Open Not Surfaced Miles	3.451	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	99.170	Percentage County Miles FM	36.990

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	3.451	768.061	3.866	190.027	35.759	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	8.332	0.012	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	353.253
FM Miles Open	353.253
FM Miles LNO	0.000
FM Open Miles Surfaced	353.253
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	7.104
FM in Municipalities Populated Less Than 500	3.768
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	152.433	2.041	166.568	32.212	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	7.092	0.012	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	652.701
AS Miles Open	647.911
AS Miles LNO	4.790
AS Open Miles Surfaced	644.460
AS Open Miles Not Surfaced	3.451
Percentage AS Surfaced	98.780
AS Open New/Resurfaced AS Miles 2017	1.240
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	3.451	615.629	1.83	23.459	3.547	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	1.240	0.000	0.000

# CRAWFORD

24

## County Miles Summary

Secondary Miles	1,220.104	Rural Open Roads All Systems	1,296.402
Secondary Open Miles	1,207.704	Rural Primary Miles	93.738
Secondary Legal Not Open (LNO) Miles	12.400	Rural Open Surfaced Miles	1,116.355
Secondary Open Surfaced Miles	1,027.409	Total Open New/Resurfaced Rural Miles 2017	5.429
Secondary Open Not Surfaced Miles	180.296	Total Open Rural Miles Unknown Surface Type	0.010
Percentage Surfaced Secondary Roads	84.210	Percentage County Miles FM	31.750

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	180.296	884.340	3.719	89.088	50.262	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	5.429	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	383.052
FM Miles Open	383.052
FM Miles LNO	0.000
FM Open Miles Surfaced	381.358
FM Open Miles Not Surfaced	1.694
Percentage FM Surfaced	99.560
FM Open New/Resurfaced FM Miles 2017	5.429
FM in Municipalities Populated Less Than 500	5.052
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	1.694	245.172	1.559	86.379	48.249	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	5.429	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	837.052
AS Miles Open	824.653
AS Miles LNO	12.400
AS Open Miles Surfaced	646.051
AS Open Miles Not Surfaced	178.602
Percentage AS Surfaced	77.190
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	178.602	639.169	2.16	2.709	2.013	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# DALLAS

25

## County Miles Summary

Secondary Miles	855.352	Rural Open Roads All Systems	929.386
Secondary Open Miles	849.556	Rural Primary Miles	82.486
Secondary Legal Not Open (LNO) Miles	5.797	Rural Open Surfaced Miles	927.455
Secondary Open Surfaced Miles	847.652	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	1.903	Total Open Rural Miles Unknown Surface Type	0.028
Percentage Surfaced Secondary Roads	99.100	Percentage County Miles FM	38.880

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	1.903	655.317	2.573	69.959	119.787	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	285.030
FM Miles Open	285.030
FM Miles LNO	0.000
FM Open Miles Surfaced	285.030
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	4.694
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	103.437	0.415	67.131	114.047	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	570.322
AS Miles Open	564.525
AS Miles LNO	5.797
AS Open Miles Surfaced	562.622
AS Open Miles Not Surfaced	1.903
Percentage AS Surfaced	98.830
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	1.903	551.880	2.16	2.828	5.740	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# DAVIS

26

## County Miles Summary

Secondary Miles	795.080	Rural Open Roads All Systems	846.003
Secondary Open Miles	795.020	Rural Primary Miles	48.030
Secondary Legal Not Open (LNO) Miles	0.061	Rural Open Surfaced Miles	789.875
Secondary Open Surfaced Miles	738.901	Total Open New/Resurfaced Rural Miles 2017	0.664
Secondary Open Not Surfaced Miles	56.119	Total Open Rural Miles Unknown Surface Type	0.009
Percentage Surfaced Secondary Roads	92.470	Percentage County Miles FM	34.970

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	56.119	648.396	0.392	82.160	7.953	0.000
Total New/Resurfaced Miles 2017	0.000	0.664	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	276.693
FM Miles Open	276.693
FM Miles LNO	0.000
FM Open Miles Surfaced	276.693
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	2.922
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	190.486	0.392	80.642	5.173	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	518.388
AS Miles Open	518.327
AS Miles LNO	0.061
AS Open Miles Surfaced	462.208
AS Open Miles Not Surfaced	56.119
Percentage AS Surfaced	89.250
AS Open New/Resurfaced AS Miles 2017	0.664
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	56.119	457.910	0.00	1.518	2.780	0.000
AS New/Resurfaced Miles 2017	0.000	0.664	0.00	0.000	0.000	0.000

# DECATUR

27

## County Miles Summary

Secondary Miles	782.828	Rural Open Roads All Systems	842.751
Secondary Open Miles	770.475	Rural Primary Miles	72.698
Secondary Legal Not Open (LNO) Miles	12.354	Rural Open Surfaced Miles	764.381
Secondary Open Surfaced Miles	692.602	Total Open New/Resurfaced Rural Miles 2017	0.866
Secondary Open Not Surfaced Miles	77.873	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	87.850	Percentage County Miles FM	41.320

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	77.873	567.560	8.857	48.199	67.987	0.000
Total New/Resurfaced Miles 2017	0.000	0.002	0.000	0.864	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	322.308
FM Miles Open	322.308
FM Miles LNO	0.000
FM Open Miles Surfaced	322.308
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.864
FM in Municipalities Populated Less Than 500	6.050
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	199.959	6.933	48.097	67.320	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.864	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	460.520
AS Miles Open	448.167
AS Miles LNO	12.354
AS Open Miles Surfaced	370.294
AS Open Miles Not Surfaced	77.873
Percentage AS Surfaced	80.130
AS Open New/Resurfaced AS Miles 2017	0.002
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	77.873	367.601	1.92	0.102	0.667	0.000
AS New/Resurfaced Miles 2017	0.000	0.002	0.00	0.000	0.000	0.000

# DELAWARE

28

## County Miles Summary

Secondary Miles	913.135	Rural Open Roads All Systems	1,000.693
Secondary Open Miles	909.065	Rural Primary Miles	85.348
Secondary Legal Not Open (LNO) Miles	4.075	Rural Open Surfaced Miles	990.752
Secondary Open Surfaced Miles	899.142	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	9.918	Total Open Rural Miles Unknown Surface Type	0.023
Percentage Surfaced Secondary Roads	98.460	Percentage County Miles FM	33.300

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	9.918	662.279	0.271	122.570	114.022	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	293.992
FM Miles Open	293.992
FM Miles LNO	0.000
FM Open Miles Surfaced	293.992
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	4.223
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	79.088	0.000	109.765	105.139	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	619.143
AS Miles Open	615.068
AS Miles LNO	4.075
AS Open Miles Surfaced	605.150
AS Open Miles Not Surfaced	9.918
Percentage AS Surfaced	97.870
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	9.918	583.191	0.27	12.805	8.883	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# DES MOINES

29

## County Miles Summary

Secondary Miles	641.025	Rural Open Roads All Systems	670.740
Secondary Open Miles	637.176	Rural Primary Miles	34.275
Secondary Legal Not Open (LNO) Miles	3.849	Rural Open Surfaced Miles	615.163
Secondary Open Surfaced Miles	581.599	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	55.576	Total Open Rural Miles Unknown Surface Type	0.001
Percentage Surfaced Secondary Roads	90.730	Percentage County Miles FM	41.550

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	55.576	451.798	0.154	88.844	40.803	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	248.539
FM Miles Open	248.539
FM Miles LNO	0.000
FM Open Miles Surfaced	248.539
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	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
FM Miles By Surface	0.000	137.695	0.000	76.925	33.919	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	392.486
AS Miles Open	388.637
AS Miles LNO	3.849
AS Open Miles Surfaced	333.060
AS Open Miles Not Surfaced	55.576
Percentage AS Surfaced	84.960
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.001

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	55.576	314.103	0.15	11.919	6.884	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# DICKINSON

30

## County Miles Summary

Secondary Miles	656.915	Rural Open Roads All Systems	706.207
Secondary Open Miles	653.492	Rural Primary Miles	44.926
Secondary Legal Not Open (LNO) Miles	3.423	Rural Open Surfaced Miles	686.086
Secondary Open Surfaced Miles	633.849	Total Open New/Resurfaced Rural Miles 2017	0.966
Secondary Open Not Surfaced Miles	19.643	Total Open Rural Miles Unknown Surface Type	0.478
Percentage Surfaced Secondary Roads	95.430	Percentage County Miles FM	35.040

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	19.643	447.390	7.244	101.429	77.786	0.000
Total New/Resurfaced Miles 2017	0.000	0.324	0.000	0.007	0.635	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	223.855
FM Miles Open	223.855
FM Miles LNO	0.000
FM Open Miles Surfaced	223.855
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.635
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
FM Miles By Surface	0.000	86.078	1.950	78.407	57.420	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.635	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	433.060
AS Miles Open	429.637
AS Miles LNO	3.423
AS Open Miles Surfaced	409.994
AS Open Miles Not Surfaced	19.643
Percentage AS Surfaced	94.540
AS Open New/Resurfaced AS Miles 2017	0.331
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	19.643	361.312	5.29	23.022	20.366	0.000
AS New/Resurfaced Miles 2017	0.000	0.324	0.00	0.007	0.000	0.000

# DUBUQUE

31

## County Miles Summary

Secondary Miles	780.263	Rural Open Roads All Systems	865.914
Secondary Open Miles	768.478	Rural Primary Miles	99.343
Secondary Legal Not Open (LNO) Miles	11.785	Rural Open Surfaced Miles	860.661
Secondary Open Surfaced Miles	763.225	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	5.253	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	97.820	Percentage County Miles FM	46.190

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	5.253	304.044	211.317	171.760	76.002	0.102
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	321.268
FM Miles Open	321.268
FM Miles LNO	0.000
FM Open Miles Surfaced	321.268
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	6.045
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	27.709	86.317	134.748	72.392	0.102
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	458.995
AS Miles Open	447.210
AS Miles LNO	11.785
AS Open Miles Surfaced	441.957
AS Open Miles Not Surfaced	5.253
Percentage AS Surfaced	96.510
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	5.253	276.335	125.00	37.012	3.610	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# EMMET

32

## County Miles Summary

Secondary Miles	644.324	Rural Open Roads All Systems	701.171
Secondary Open Miles	643.474	Rural Primary Miles	52.186
Secondary Legal Not Open (LNO) Miles	0.850	Rural Open Surfaced Miles	698.120
Secondary Open Surfaced Miles	640.423	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	3.051	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	98.430	Percentage County Miles FM	28.260

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	3.051	458.170	0.000	156.811	25.443	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	180.632
FM Miles Open	180.632
FM Miles LNO	0.000
FM Open Miles Surfaced	180.632
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	2.559
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	11.011	0.000	145.611	24.010	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	463.692
AS Miles Open	462.842
AS Miles LNO	0.850
AS Open Miles Surfaced	459.792
AS Open Miles Not Surfaced	3.051
Percentage AS Surfaced	99.090
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	3.051	447.159	0.00	11.200	1.433	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# FAYETTE

33

## County Miles Summary

Secondary Miles	1,148.233	Rural Open Roads All Systems	1,266.312
Secondary Open Miles	1,145.889	Rural Primary Miles	119.353
Secondary Legal Not Open (LNO) Miles	2.344	Rural Open Surfaced Miles	1,265.722
Secondary Open Surfaced Miles	1,145.675	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	0.212	Total Open Rural Miles Unknown Surface Type	0.002
Percentage Surfaced Secondary Roads	99.750	Percentage County Miles FM	32.360

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	0.212	909.497	2.463	141.186	92.529	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	358.283
FM Miles Open	358.283
FM Miles LNO	0.000
FM Open Miles Surfaced	358.283
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	8.103
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	127.855	0.292	139.466	90.671	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	789.950
AS Miles Open	787.606
AS Miles LNO	2.344
AS Open Miles Surfaced	787.392
AS Open Miles Not Surfaced	0.212
Percentage AS Surfaced	99.680
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.002

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	0.212	781.643	2.17	1.720	1.858	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# FLOYD

34

## County Miles Summary

Secondary Miles	891.503	Rural Open Roads All Systems	940.146
Secondary Open Miles	888.887	Rural Primary Miles	56.448
Secondary Legal Not Open (LNO) Miles	2.616	Rural Open Surfaced Miles	939.583
Secondary Open Surfaced Miles	888.324	Total Open New/Resurfaced Rural Miles 2017	5.995
Secondary Open Not Surfaced Miles	0.563	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	99.640	Percentage County Miles FM	31.230

<b>SURFACE TYPE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
Total Miles By Surface	0.563	711.440	2.459	117.628	56.797	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	5.995	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	269.879
FM Miles Open	269.879
FM Miles LNO	0.000
FM Open Miles Surfaced	269.879
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	5.995
FM in Municipalities Populated Less Than 500	5.189
Fm Open Miles Unknown Surface Type	0.000

<b>SURFACE TYPE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
FM Miles By Surface	0.000	109.038	0.000	109.641	51.201	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	5.995	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	621.624
AS Miles Open	619.008
AS Miles LNO	2.616
AS Open Miles Surfaced	618.445
AS Open Miles Not Surfaced	0.563
Percentage AS Surfaced	99.530
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

<b>SURFACE TITLE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
AS Miles By Surface	0.563	602.403	2.46	7.987	5.596	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# FRANKLIN

35

## County Miles Summary

Secondary Miles	1,011.603	Rural Open Roads All Systems	1,072.814
Secondary Open Miles	1,009.461	Rural Primary Miles	69.858
Secondary Legal Not Open (LNO) Miles	2.142	Rural Open Surfaced Miles	1,049.657
Secondary Open Surfaced Miles	986.307	Total Open New/Resurfaced Rural Miles 2017	6.149
Secondary Open Not Surfaced Miles	23.154	Total Open Rural Miles Unknown Surface Type	0.003
Percentage Surfaced Secondary Roads	97.500	Percentage County Miles FM	37.670

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	23.154	764.252	0.000	176.263	45.793	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	5.957	0.192	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	371.886
FM Miles Open	371.886
FM Miles LNO	0.000
FM Open Miles Surfaced	371.886
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	5.989
FM in Municipalities Populated Less Than 500	9.203
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	161.377	0.000	166.384	44.126	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	5.797	0.192	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	639.717
AS Miles Open	637.575
AS Miles LNO	2.142
AS Open Miles Surfaced	614.421
AS Open Miles Not Surfaced	23.154
Percentage AS Surfaced	96.050
AS Open New/Resurfaced AS Miles 2017	0.160
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	23.154	602.875	0.00	9.879	1.667	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.160	0.000	0.000

# FREMONT

36

## County Miles Summary

Secondary Miles	787.284	Rural Open Roads All Systems	879.526
Secondary Open Miles	783.053	Rural Primary Miles	88.698
Secondary Legal Not Open (LNO) Miles	4.231	Rural Open Surfaced Miles	743.429
Secondary Open Surfaced Miles	646.961	Total Open New/Resurfaced Rural Miles 2017	3.436
Secondary Open Not Surfaced Miles	136.093	Total Open Rural Miles Unknown Surface Type	0.004
Percentage Surfaced Secondary Roads	81.630	Percentage County Miles FM	36.680

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	136.093	442.768	97.258	69.428	37.507	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	3.436	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	288.197
FM Miles Open	288.197
FM Miles LNO	0.000
FM Open Miles Surfaced	287.025
FM Open Miles Not Surfaced	1.172
Percentage FM Surfaced	99.590
FM Open New/Resurfaced FM Miles 2017	3.436
FM in Municipalities Populated Less Than 500	5.176
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	1.172	91.101	95.216	65.789	34.919	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	3.436	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	499.088
AS Miles Open	494.857
AS Miles LNO	4.231
AS Open Miles Surfaced	359.936
AS Open Miles Not Surfaced	134.921
Percentage AS Surfaced	71.740
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	134.921	351.667	2.04	3.639	2.589	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# GREENE

37

## County Miles Summary

Secondary Miles	962.814	Rural Open Roads All Systems	1,028.804
Secondary Open Miles	958.231	Rural Primary Miles	75.887
Secondary Legal Not Open (LNO) Miles	4.583	Rural Open Surfaced Miles	1,023.906
Secondary Open Surfaced Miles	953.334	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	4.898	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	99.020	Percentage County Miles FM	34.380

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	4.898	740.101	0.046	41.282	171.905	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	321.570
FM Miles Open	321.570
FM Miles LNO	0.000
FM Open Miles Surfaced	321.570
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	5.470
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	109.261	0.000	41.216	171.093	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	641.245
AS Miles Open	636.662
AS Miles LNO	4.583
AS Open Miles Surfaced	631.764
AS Open Miles Not Surfaced	4.898
Percentage AS Surfaced	98.520
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	4.898	630.840	0.05	0.066	0.812	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# GRUNDY

38

## County Miles Summary

Secondary Miles	829.609	Rural Open Roads All Systems	901.351
Secondary Open Miles	829.321	Rural Primary Miles	73.553
Secondary Legal Not Open (LNO) Miles	0.288	Rural Open Surfaced Miles	894.333
Secondary Open Surfaced Miles	822.305	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	7.016	Total Open Rural Miles Unknown Surface Type	0.002
Percentage Surfaced Secondary Roads	99.120	Percentage County Miles FM	35.070

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	7.016	632.274	1.521	178.565	9.946	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	283.419
FM Miles Open	283.419
FM Miles LNO	0.000
FM Open Miles Surfaced	283.419
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	1.524
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	95.168	1.162	177.771	9.319	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	546.190
AS Miles Open	545.902
AS Miles LNO	0.288
AS Open Miles Surfaced	538.886
AS Open Miles Not Surfaced	7.016
Percentage AS Surfaced	98.660
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	7.016	537.106	0.36	0.794	0.627	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# GUTHRIE

39

## County Miles Summary

Secondary Miles	954.890	Rural Open Roads All Systems	1,027.486
Secondary Open Miles	947.034	Rural Primary Miles	78.082
Secondary Legal Not Open (LNO) Miles	7.856	Rural Open Surfaced Miles	961.154
Secondary Open Surfaced Miles	880.829	Total Open New/Resurfaced Rural Miles 2017	4.487
Secondary Open Not Surfaced Miles	66.205	Total Open Rural Miles Unknown Surface Type	0.003
Percentage Surfaced Secondary Roads	92.240	Percentage County Miles FM	32.620

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	66.205	735.375	0.566	54.922	89.967	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	4.487	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	308.039
FM Miles Open	308.039
FM Miles LNO	0.000
FM Open Miles Surfaced	308.039
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	4.487
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
FM Miles By Surface	0.000	171.171	0.072	54.401	82.396	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	4.487	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	646.851
AS Miles Open	638.995
AS Miles LNO	7.856
AS Open Miles Surfaced	572.790
AS Open Miles Not Surfaced	66.205
Percentage AS Surfaced	88.570
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	66.205	564.204	0.49	0.521	7.571	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# HAMILTON

40

## County Miles Summary

Secondary Miles	932.099	Rural Open Roads All Systems	1,041.103
Secondary Open Miles	931.301	Rural Primary Miles	112.098
Secondary Legal Not Open (LNO) Miles	0.798	Rural Open Surfaced Miles	1,039.362
Secondary Open Surfaced Miles	929.560	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	1.741	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	99.730	Percentage County Miles FM	38.070

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	1.741	712.450	0.000	185.393	31.717	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	342.155
FM Miles Open	342.155
FM Miles LNO	0.000
FM Open Miles Surfaced	342.155
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	2.629
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	128.123	0.000	182.327	31.705	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	589.944
AS Miles Open	589.146
AS Miles LNO	0.798
AS Open Miles Surfaced	587.405
AS Open Miles Not Surfaced	1.741
Percentage AS Surfaced	99.570
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	1.741	584.327	0.00	3.066	0.012	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# HANCOCK

41

## County Miles Summary

Secondary Miles	1,012.825	Rural Open Roads All Systems	1,059.951
Secondary Open Miles	1,010.286	Rural Primary Miles	49.889
Secondary Legal Not Open (LNO) Miles	2.539	Rural Open Surfaced Miles	1,055.440
Secondary Open Surfaced Miles	1,005.775	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	4.511	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	99.300	Percentage County Miles FM	32.360

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	4.511	752.091	0.520	221.023	32.141	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	316.917
FM Miles Open	316.917
FM Miles LNO	0.000
FM Open Miles Surfaced	316.917
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	4.473
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	74.311	0.000	211.944	30.662	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	695.908
AS Miles Open	693.369
AS Miles LNO	2.539
AS Open Miles Surfaced	688.858
AS Open Miles Not Surfaced	4.511
Percentage AS Surfaced	98.990
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	4.511	677.780	0.52	9.079	1.479	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# HARDIN

42

## County Miles Summary

Secondary Miles	1,006.383	Rural Open Roads All Systems	1,067.182
Secondary Open Miles	1,003.129	Rural Primary Miles	70.358
Secondary Legal Not Open (LNO) Miles	3.254	Rural Open Surfaced Miles	1,062.855
Secondary Open Surfaced Miles	998.802	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	4.327	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	99.250	Percentage County Miles FM	41.010

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	4.327	777.426	3.709	189.575	28.093	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	394.487
FM Miles Open	394.487
FM Miles LNO	0.000
FM Open Miles Surfaced	394.487
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	8.893
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	178.697	2.214	185.491	28.086	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	611.896
AS Miles Open	608.642
AS Miles LNO	3.254
AS Open Miles Surfaced	604.315
AS Open Miles Not Surfaced	4.327
Percentage AS Surfaced	98.910
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	4.327	598.729	1.50	4.084	0.007	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# HARRISON

43

## County Miles Summary

Secondary Miles	1,107.694	Rural Open Roads All Systems	1,192.525
Secondary Open Miles	1,087.013	Rural Primary Miles	104.351
Secondary Legal Not Open (LNO) Miles	20.682	Rural Open Surfaced Miles	1,054.493
Secondary Open Surfaced Miles	948.982	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	138.031	Total Open Rural Miles Unknown Surface Type	0.001
Percentage Surfaced Secondary Roads	85.530	Percentage County Miles FM	33.390

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	138.031	783.802	52.425	72.498	40.257	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	366.695
FM Miles Open	366.695
FM Miles LNO	0.000
FM Open Miles Surfaced	365.645
FM Open Miles Not Surfaced	1.050
Percentage FM Surfaced	99.710
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	6.049
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	1.050	207.802	46.437	71.208	40.198	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	741.000
AS Miles Open	720.318
AS Miles LNO	20.682
AS Open Miles Surfaced	583.338
AS Open Miles Not Surfaced	136.981
Percentage AS Surfaced	78.960
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	136.981	576.001	5.99	1.290	0.059	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# HENRY

44

## County Miles Summary

Secondary Miles	751.416	Rural Open Roads All Systems	813.050
Secondary Open Miles	748.109	Rural Primary Miles	63.116
Secondary Legal Not Open (LNO) Miles	3.307	Rural Open Surfaced Miles	744.946
Secondary Open Surfaced Miles	680.007	Total Open New/Resurfaced Rural Miles 2017	0.911
Secondary Open Not Surfaced Miles	68.102	Total Open Rural Miles Unknown Surface Type	0.003
Percentage Surfaced Secondary Roads	90.500	Percentage County Miles FM	37.920

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	68.102	542.567	3.893	85.585	47.590	0.372
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.911	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	276.562
FM Miles Open	276.562
FM Miles LNO	0.000
FM Open Miles Surfaced	276.562
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.911
FM in Municipalities Populated Less Than 500	3.809
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	156.250	0.145	77.737	42.430	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.911	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	474.855
AS Miles Open	471.548
AS Miles LNO	3.307
AS Open Miles Surfaced	403.445
AS Open Miles Not Surfaced	68.102
Percentage AS Surfaced	85.040
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.001

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	68.102	386.317	3.75	7.848	5.160	0.372
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# HOWARD

45

## County Miles Summary

Secondary Miles	755.305	Rural Open Roads All Systems	794.866
Secondary Open Miles	754.109	Rural Primary Miles	42.950
Secondary Legal Not Open (LNO) Miles	1.196	Rural Open Surfaced Miles	793.142
Secondary Open Surfaced Miles	752.385	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	1.723	Total Open Rural Miles Unknown Surface Type	0.002
Percentage Surfaced Secondary Roads	98.660	Percentage County Miles FM	32.760

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	1.723	623.083	4.390	106.674	18.238	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	240.750
FM Miles Open	240.750
FM Miles LNO	0.000
FM Open Miles Surfaced	240.749
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	2.193
Fm Open Miles Unknown Surface Type	0.002

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	116.316	1.571	105.169	17.693	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	514.555
AS Miles Open	513.359
AS Miles LNO	1.196
AS Open Miles Surfaced	511.636
AS Open Miles Not Surfaced	1.723
Percentage AS Surfaced	99.450
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	1.723	506.767	2.82	1.505	0.545	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# HUMBOLDT

46

## County Miles Summary

Secondary Miles	721.500	Rural Open Roads All Systems	755.842
Secondary Open Miles	720.878	Rural Primary Miles	43.415
Secondary Legal Not Open (LNO) Miles	0.622	Rural Open Surfaced Miles	755.190
Secondary Open Surfaced Miles	720.229	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	0.650	Total Open Rural Miles Unknown Surface Type	0.002
Percentage Surfaced Secondary Roads	99.820	Percentage County Miles FM	29.710

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	0.650	516.932	0.248	169.772	33.277	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	210.271
FM Miles Open	210.271
FM Miles LNO	0.000
FM Open Miles Surfaced	210.271
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	10.693
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	20.401	0.000	156.593	33.277	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	511.229
AS Miles Open	510.607
AS Miles LNO	0.622
AS Open Miles Surfaced	509.958
AS Open Miles Not Surfaced	0.650
Percentage AS Surfaced	99.750
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	0.650	496.531	0.25	13.179	0.000	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# IDA

47

## County Miles Summary

Secondary Miles	734.419	Rural Open Roads All Systems	784.548
Secondary Open Miles	725.585	Rural Primary Miles	60.609
Secondary Legal Not Open (LNO) Miles	8.835	Rural Open Surfaced Miles	736.340
Secondary Open Surfaced Miles	677.377	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	48.208	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	92.230	Percentage County Miles FM	31.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	48.208	550.184	0.000	72.873	54.321	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	225.993
FM Miles Open	225.993
FM Miles LNO	0.000
FM Open Miles Surfaced	225.993
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	1.646
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	105.311	0.000	72.725	47.957	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	508.427
AS Miles Open	499.592
AS Miles LNO	8.835
AS Open Miles Surfaced	451.385
AS Open Miles Not Surfaced	48.208
Percentage AS Surfaced	88.990
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	48.208	444.873	0.00	0.148	6.364	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# IOWA

48

## County Miles Summary

Secondary Miles	934.257	Rural Open Roads All Systems	1,025.449
Secondary Open Miles	926.745	Rural Primary Miles	98.597
Secondary Legal Not Open (LNO) Miles	7.512	Rural Open Surfaced Miles	954.210
Secondary Open Surfaced Miles	855.506	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	71.239	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	91.570	Percentage County Miles FM	38.570

<b>SURFACE TYPE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
Total Miles By Surface	71.239	698.657	7.033	66.316	83.500	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	354.487
FM Miles Open	354.487
FM Miles LNO	0.000
FM Open Miles Surfaced	354.101
FM Open Miles Not Surfaced	0.386
Percentage FM Surfaced	99.890
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	1.231
Fm Open Miles Unknown Surface Type	0.000

<b>SURFACE TYPE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
FM Miles By Surface	0.386	207.744	5.792	63.137	77.429	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	579.770
AS Miles Open	572.258
AS Miles LNO	7.512
AS Open Miles Surfaced	501.405
AS Open Miles Not Surfaced	70.853
Percentage AS Surfaced	86.480
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

<b>SURFACE TITLE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
AS Miles By Surface	70.853	490.913	1.24	3.179	6.072	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# JACKSON

49

## County Miles Summary

Secondary Miles	846.618	Rural Open Roads All Systems	941.127
Secondary Open Miles	840.565	Rural Primary Miles	101.606
Secondary Legal Not Open (LNO) Miles	6.053	Rural Open Surfaced Miles	904.513
Secondary Open Surfaced Miles	803.977	Total Open New/Resurfaced Rural Miles 2017	5.235
Secondary Open Not Surfaced Miles	36.588	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	94.960	Percentage County Miles FM	40.900

<b>SURFACE TYPE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
Total Miles By Surface	36.588	598.655	5.901	58.185	141.236	0.000
Total New/Resurfaced Miles 2017	0.000	0.042	2.148	0.000	3.045	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	341.470
FM Miles Open	341.470
FM Miles LNO	0.000
FM Open Miles Surfaced	340.052
FM Open Miles Not Surfaced	1.418
Percentage FM Surfaced	99.580
FM Open New/Resurfaced FM Miles 2017	3.087
FM in Municipalities Populated Less Than 500	8.630
Fm Open Miles Unknown Surface Type	0.000

<b>SURFACE TYPE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
FM Miles By Surface	1.418	154.106	1.856	50.034	134.056	0.000
FM New/Resurfaced Miles 2017	0.000	0.042	0.000	0.000	3.045	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	505.148
AS Miles Open	499.095
AS Miles LNO	6.053
AS Open Miles Surfaced	463.925
AS Open Miles Not Surfaced	35.170
Percentage AS Surfaced	91.910
AS Open New/Resurfaced AS Miles 2017	2.148
AS Open Miles Unknown Surface Type	0.000

<b>SURFACE TITLE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
AS Miles By Surface	35.170	444.549	4.05	8.151	7.180	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	2.15	0.000	0.000	0.000

# JASPER

50

## County Miles Summary

Secondary Miles	1,228.605	Rural Open Roads All Systems	1,346.873
Secondary Open Miles	1,217.359	Rural Primary Miles	118.744
Secondary Legal Not Open (LNO) Miles	11.246	Rural Open Surfaced Miles	1,299.829
Secondary Open Surfaced Miles	1,170.325	Total Open New/Resurfaced Rural Miles 2017	33.339
Secondary Open Not Surfaced Miles	47.035	Total Open Rural Miles Unknown Surface Type	0.010
Percentage Surfaced Secondary Roads	95.250	Percentage County Miles FM	34.400

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	47.035	926.332	2.197	180.123	61.673	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	33.339	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	411.077
FM Miles Open	411.077
FM Miles LNO	0.000
FM Open Miles Surfaced	411.077
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	33.339
FM in Municipalities Populated Less Than 500	3.803
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	205.585	0.355	149.030	56.107	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	33.339	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	817.528
AS Miles Open	806.282
AS Miles LNO	11.246
AS Open Miles Surfaced	759.248
AS Open Miles Not Surfaced	47.035
Percentage AS Surfaced	92.880
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	47.035	720.747	1.84	31.093	5.566	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# JEFFERSON

51

## County Miles Summary

Secondary Miles	762.744	Rural Open Roads All Systems	796.651
Secondary Open Miles	760.354	Rural Primary Miles	44.141
Secondary Legal Not Open (LNO) Miles	2.390	Rural Open Surfaced Miles	699.671
Secondary Open Surfaced Miles	663.375	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	96.980	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	86.970	Percentage County Miles FM	38.950

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	96.980	521.120	2.992	78.576	60.687	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	290.964
FM Miles Open	290.964
FM Miles LNO	0.000
FM Open Miles Surfaced	290.964
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	7.844
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	157.460	1.347	72.703	59.455	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	471.780
AS Miles Open	469.390
AS Miles LNO	2.390
AS Open Miles Surfaced	372.411
AS Open Miles Not Surfaced	96.980
Percentage AS Surfaced	79.130
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	96.980	363.661	1.65	5.873	1.232	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# JOHNSON

52

## County Miles Summary

Secondary Miles	918.430	Rural Open Roads All Systems	1,025.318
Secondary Open Miles	916.041	Rural Primary Miles	80.956
Secondary Legal Not Open (LNO) Miles	2.389	Rural Open Surfaced Miles	984.112
Secondary Open Surfaced Miles	875.207	Total Open New/Resurfaced Rural Miles 2017	7.850
Secondary Open Not Surfaced Miles	40.835	Total Open Rural Miles Unknown Surface Type	0.372
Percentage Surfaced Secondary Roads	95.290	Percentage County Miles FM	38.420

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	40.835	582.255	121.337	130.203	41.412	0.000
Total New/Resurfaced Miles 2017	0.000	5.352	0.000	0.005	2.493	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	315.735
FM Miles Open	315.735
FM Miles LNO	0.000
FM Open Miles Surfaced	315.735
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	6.953
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
FM Miles By Surface	0.000	68.993	88.407	121.922	36.414	0.000
FM New/Resurfaced Miles 2017	0.000	5.352	0.000	0.005	1.596	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	602.695
AS Miles Open	600.306
AS Miles LNO	2.389
AS Open Miles Surfaced	559.472
AS Open Miles Not Surfaced	40.835
Percentage AS Surfaced	92.930
AS Open New/Resurfaced AS Miles 2017	0.897
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	40.835	513.263	32.93	8.281	4.998	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.897	0.000

# JONES

53

## County Miles Summary

Secondary Miles	845.302	Rural Open Roads All Systems	945.146
Secondary Open Miles	842.353	Rural Primary Miles	94.967
Secondary Legal Not Open (LNO) Miles	2.949	Rural Open Surfaced Miles	917.504
Secondary Open Surfaced Miles	814.711	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	27.639	Total Open Rural Miles Unknown Surface Type	0.004
Percentage Surfaced Secondary Roads	96.380	Percentage County Miles FM	37.620

<b>SURFACE TYPE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
Total Miles By Surface	27.639	650.317	3.220	21.586	139.588	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	310.592
FM Miles Open	310.592
FM Miles LNO	0.000
FM Open Miles Surfaced	308.898
FM Open Miles Not Surfaced	1.694
Percentage FM Surfaced	99.450
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	1.841
Fm Open Miles Unknown Surface Type	0.000

<b>SURFACE TYPE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
FM Miles By Surface	1.694	163.355	0.000	9.399	136.144	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	534.710
AS Miles Open	531.761
AS Miles LNO	2.949
AS Open Miles Surfaced	505.813
AS Open Miles Not Surfaced	25.945
Percentage AS Surfaced	94.700
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.004

<b>SURFACE TITLE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
AS Miles By Surface	25.945	486.962	3.22	12.187	3.444	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# KEOKUK

54

## County Miles Summary

Secondary Miles	922.801	Rural Open Roads All Systems	1,022.799
Secondary Open Miles	918.620	Rural Primary Miles	110.813
Secondary Legal Not Open (LNO) Miles	4.181	Rural Open Surfaced Miles	928.459
Secondary Open Surfaced Miles	824.279	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	94.341	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	89.320	Percentage County Miles FM	35.950

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	94.341	720.656	0.846	3.275	99.502	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	326.601
FM Miles Open	326.601
FM Miles LNO	0.000
FM Open Miles Surfaced	326.601
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	6.811
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	224.811	0.247	3.254	98.289	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	596.200
AS Miles Open	592.019
AS Miles LNO	4.181
AS Open Miles Surfaced	497.679
AS Open Miles Not Surfaced	94.341
Percentage AS Surfaced	83.490
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	94.341	495.846	0.60	0.021	1.213	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# KOSSUTH

55

## County Miles Summary

Secondary Miles	1,649.062	Rural Open Roads All Systems	1,760.502
Secondary Open Miles	1,647.744	Rural Primary Miles	110.716
Secondary Legal Not Open (LNO) Miles	1.318	Rural Open Surfaced Miles	1,728.915
Secondary Open Surfaced Miles	1,618.186	Total Open New/Resurfaced Rural Miles 2017	9.314
Secondary Open Not Surfaced Miles	29.559	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	97.380	Percentage County Miles FM	30.910

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	29.559	1,104.619	0.229	511.230	2.108	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	9.314	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	509.054
FM Miles Open	509.054
FM Miles LNO	0.000
FM Open Miles Surfaced	509.054
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	9.314
FM in Municipalities Populated Less Than 500	4.423
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	15.151	0.067	492.561	1.276	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	9.314	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	1,140.008
AS Miles Open	1,138.690
AS Miles LNO	1.318
AS Open Miles Surfaced	1,109.132
AS Open Miles Not Surfaced	29.559
Percentage AS Surfaced	97.320
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	29.559	1,089.469	0.16	18.669	0.832	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

---

**LEE****56****County Miles Summary**

---

Secondary Miles	737.221	Rural Open Roads All Systems	846.961
Secondary Open Miles	734.670	Rural Primary Miles	106.185
Secondary Legal Not Open (LNO) Miles	2.551	Rural Open Surfaced Miles	836.799
Secondary Open Surfaced Miles	724.824	Total Open New/Resurfaced Rural Miles 2017	0.024
Secondary Open Not Surfaced Miles	9.846	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	98.320	Percentage County Miles FM	40.080

---

<b>SURFACE TYPE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
Total Miles By Surface	9.846	521.212	26.354	92.016	85.242	0.000
Total New/Resurfaced Miles 2017	0.000	0.002	0.000	0.002	0.020	0.000

---

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

---

Total FM Miles	280.090
FM Miles Open	280.090
FM Miles LNO	0.000
FM Open Miles Surfaced	280.090
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.002
FM in Municipalities Populated Less Than 500	1.657
Fm Open Miles Unknown Surface Type	0.000

---

<b>SURFACE TYPE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
FM Miles By Surface	0.000	130.412	11.132	70.330	68.216	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.002	0.000	0.000

---

**AREA SERVICE (AS) SUMMARY**

---

Total AS Miles	457.131
AS Miles Open	454.580
AS Miles LNO	2.551
AS Open Miles Surfaced	444.734
AS Open Miles Not Surfaced	9.846
Percentage AS Surfaced	97.290
AS Open New/Resurfaced AS Miles 2017	0.022
AS Open Miles Unknown Surface Type	0.000

---

<b>SURFACE TITLE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
AS Miles By Surface	9.846	390.800	15.22	21.686	17.026	0.000
AS New/Resurfaced Miles 2017	0.000	0.002	0.00	0.000	0.020	0.000

# LINN

57

## County Miles Summary

Secondary Miles	1,130.997	Rural Open Roads All Systems	1,216.784
Secondary Open Miles	1,126.530	Rural Primary Miles	79.656
Secondary Legal Not Open (LNO) Miles	4.562	Rural Open Surfaced Miles	1,204.875
Secondary Open Surfaced Miles	1,114.643	Total Open New/Resurfaced Rural Miles 2017	46.764
Secondary Open Not Surfaced Miles	11.885	Total Open Rural Miles Unknown Surface Type	0.024
Percentage Surfaced Secondary Roads	98.310	Percentage County Miles FM	37.540

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	11.885	742.337	103.219	104.985	164.103	0.000
Total New/Resurfaced Miles 2017	0.000	0.042	8.101	33.254	5.367	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	328.129
FM Miles Open	328.129
FM Miles LNO	0.000
FM Open Miles Surfaced	327.779
FM Open Miles Not Surfaced	0.350
Percentage FM Surfaced	99.890
FM Open New/Resurfaced FM Miles 2017	39.717
FM in Municipalities Populated Less Than 500	1.071
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.350	54.393	45.760	81.049	146.577	0.000
FM New/Resurfaced Miles 2017	0.000	0.029	7.059	27.969	4.362	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	802.868
AS Miles Open	798.306
AS Miles LNO	4.562
AS Open Miles Surfaced	786.769
AS Open Miles Not Surfaced	11.535
Percentage AS Surfaced	97.780
AS Open New/Resurfaced AS Miles 2017	7.345
AS Open Miles Unknown Surface Type	0.002

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	11.535	687.944	57.36	23.936	17.526	0.000
AS New/Resurfaced Miles 2017	0.000	0.013	1.04	5.285	1.005	0.000

# LOUISA

58

## County Miles Summary

Secondary Miles	598.137	Rural Open Roads All Systems	642.477
Secondary Open Miles	596.177	Rural Primary Miles	44.378
Secondary Legal Not Open (LNO) Miles	1.960	Rural Open Surfaced Miles	604.793
Secondary Open Surfaced Miles	558.493	Total Open New/Resurfaced Rural Miles 2017	7.409
Secondary Open Not Surfaced Miles	37.684	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	93.370	Percentage County Miles FM	34.980

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	37.684	410.317	1.398	35.691	111.087	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.039	7.370	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	203.359
FM Miles Open	203.359
FM Miles LNO	0.000
FM Open Miles Surfaced	203.359
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	7.409
FM in Municipalities Populated Less Than 500	3.832
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	68.350	0.699	27.338	106.972	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.039	7.370	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	394.778
AS Miles Open	392.818
AS Miles LNO	1.960
AS Open Miles Surfaced	355.135
AS Open Miles Not Surfaced	37.684
Percentage AS Surfaced	89.960
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	37.684	341.968	0.70	8.353	4.115	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# LUCAS

59

## County Miles Summary

Secondary Miles	635.813	Rural Open Roads All Systems	703.470
Secondary Open Miles	631.297	Rural Primary Miles	59.858
Secondary Legal Not Open (LNO) Miles	4.516	Rural Open Surfaced Miles	614.281
Secondary Open Surfaced Miles	544.963	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	86.334	Total Open Rural Miles Unknown Surface Type	0.010
Percentage Surfaced Secondary Roads	85.710	Percentage County Miles FM	35.210

<b>SURFACE TYPE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
Total Miles By Surface	86.334	492.722	0.070	26.842	25.329	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	214.964
FM Miles Open	214.964
FM Miles LNO	0.000
FM Open Miles Surfaced	214.964
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	2.240
Fm Open Miles Unknown Surface Type	0.000

<b>SURFACE TYPE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
FM Miles By Surface	0.000	163.576	0.070	26.842	24.476	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	420.850
AS Miles Open	416.334
AS Miles LNO	4.516
AS Open Miles Surfaced	330.000
AS Open Miles Not Surfaced	86.334
Percentage AS Surfaced	78.410
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

<b>SURFACE TITLE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
AS Miles By Surface	86.334	329.147	0.00	0.000	0.853	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# LYON

60

## County Miles Summary

Secondary Miles	1,009.796	Rural Open Roads All Systems	1,070.270
Secondary Open Miles	1,008.132	Rural Primary Miles	64.609
Secondary Legal Not Open (LNO) Miles	1.664	Rural Open Surfaced Miles	1,066.660
Secondary Open Surfaced Miles	1,004.526	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	3.606	Total Open Rural Miles Unknown Surface Type	0.004
Percentage Surfaced Secondary Roads	97.530	Percentage County Miles FM	32.770

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	3.606	753.856	0.000	245.855	4.815	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	328.285
FM Miles Open	328.285
FM Miles LNO	0.000
FM Open Miles Surfaced	328.285
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	3.509
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	88.927	0.000	234.543	4.815	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	681.511
AS Miles Open	679.847
AS Miles LNO	1.664
AS Open Miles Surfaced	676.241
AS Open Miles Not Surfaced	3.606
Percentage AS Surfaced	99.260
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	3.606	664.929	0.00	11.312	0.000	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# MADISON

61

## County Miles Summary

Secondary Miles	915.029	Rural Open Roads All Systems	952.967
Secondary Open Miles	906.627	Rural Primary Miles	49.353
Secondary Legal Not Open (LNO) Miles	8.402	Rural Open Surfaced Miles	911.289
Secondary Open Surfaced Miles	864.949	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	41.679	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	94.530	Percentage County Miles FM	36.490

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	41.679	744.922	7.528	69.263	43.237	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	327.971
FM Miles Open	327.971
FM Miles LNO	0.000
FM Open Miles Surfaced	327.971
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	6.936
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	208.427	7.528	68.944	43.073	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	587.058
AS Miles Open	578.656
AS Miles LNO	8.402
AS Open Miles Surfaced	536.978
AS Open Miles Not Surfaced	41.679
Percentage AS Surfaced	91.490
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	41.679	536.495	0.00	0.319	0.164	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# MAHASKA

62

## County Miles Summary

Secondary Miles	989.150	Rural Open Roads All Systems	1,048.052
Secondary Open Miles	970.961	Rural Primary Miles	76.859
Secondary Legal Not Open (LNO) Miles	18.190	Rural Open Surfaced Miles	1,019.219
Secondary Open Surfaced Miles	942.137	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	28.824	Total Open Rural Miles Unknown Surface Type	0.009
Percentage Surfaced Secondary Roads	95.240	Percentage County Miles FM	31.130

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	28.824	814.344	0.051	51.796	75.946	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	306.685
FM Miles Open	306.117
FM Miles LNO	0.568
FM Open Miles Surfaced	306.117
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	99.870
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	4.599
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	191.065	0.000	49.670	65.383	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	682.465
AS Miles Open	664.844
AS Miles LNO	17.622
AS Open Miles Surfaced	636.020
AS Open Miles Not Surfaced	28.824
Percentage AS Surfaced	93.380
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	28.824	623.279	0.05	2.126	10.564	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# MARION

63

## County Miles Summary

Secondary Miles	865.831	Rural Open Roads All Systems	958.203
Secondary Open Miles	853.051	Rural Primary Miles	77.502
Secondary Legal Not Open (LNO) Miles	12.780	Rural Open Surfaced Miles	924.440
Secondary Open Surfaced Miles	820.209	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	32.842	Total Open Rural Miles Unknown Surface Type	0.115
Percentage Surfaced Secondary Roads	94.630	Percentage County Miles FM	38.570

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	32.842	653.452	26.252	85.455	55.050	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	314.952
FM Miles Open	314.952
FM Miles LNO	0.000
FM Open Miles Surfaced	314.952
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	3.550
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	189.702	6.017	76.661	42.572	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	550.879
AS Miles Open	538.099
AS Miles LNO	12.780
AS Open Miles Surfaced	505.257
AS Open Miles Not Surfaced	32.842
Percentage AS Surfaced	91.910
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	32.842	463.750	20.24	8.794	12.479	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# MARSHALL

64

## County Miles Summary

Secondary Miles	940.199	Rural Open Roads All Systems	1,010.421
Secondary Open Miles	935.242	Rural Primary Miles	82.496
Secondary Legal Not Open (LNO) Miles	4.957	Rural Open Surfaced Miles	991.615
Secondary Open Surfaced Miles	916.443	Total Open New/Resurfaced Rural Miles 2017	6.973
Secondary Open Not Surfaced Miles	18.799	Total Open Rural Miles Unknown Surface Type	0.007
Percentage Surfaced Secondary Roads	97.470	Percentage County Miles FM	36.560

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	18.799	710.710	1.575	184.636	19.523	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	6.970	0.003	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	320.459
FM Miles Open	320.431
FM Miles LNO	0.028
FM Open Miles Surfaced	320.431
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	99.990
FM Open New/Resurfaced FM Miles 2017	6.973
FM in Municipalities Populated Less Than 500	7.326
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	130.405	0.248	173.911	15.867	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	6.970	0.003	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	619.740
AS Miles Open	614.811
AS Miles LNO	4.929
AS Open Miles Surfaced	596.012
AS Open Miles Not Surfaced	18.799
Percentage AS Surfaced	96.240
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	18.799	580.305	1.33	10.725	3.656	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# MILLS

65

## County Miles Summary

Secondary Miles	687.986	Rural Open Roads All Systems	757.669
Secondary Open Miles	687.677	Rural Primary Miles	71.966
Secondary Legal Not Open (LNO) Miles	0.309	Rural Open Surfaced Miles	686.951
Secondary Open Surfaced Miles	617.500	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	70.178	Total Open Rural Miles Unknown Surface Type	0.130
Percentage Surfaced Secondary Roads	89.750	Percentage County Miles FM	37.340

<b>SURFACE TYPE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
Total Miles By Surface	70.178	441.626	82.263	45.302	48.227	0.083
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	249.198
FM Miles Open	249.198
FM Miles LNO	0.000
FM Open Miles Surfaced	249.198
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	3.591
Fm Open Miles Unknown Surface Type	0.000

<b>SURFACE TYPE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
FM Miles By Surface	0.000	95.249	75.131	35.106	43.629	0.083
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	438.789
AS Miles Open	438.480
AS Miles LNO	0.309
AS Open Miles Surfaced	368.302
AS Open Miles Not Surfaced	70.178
Percentage AS Surfaced	83.950
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

<b>SURFACE TITLE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
AS Miles By Surface	70.178	346.377	7.13	10.196	4.598	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# MITCHELL

66

## County Miles Summary

Secondary Miles	789.235	Rural Open Roads All Systems	830.982
Secondary Open Miles	785.634	Rural Primary Miles	50.400
Secondary Legal Not Open (LNO) Miles	3.601	Rural Open Surfaced Miles	826.718
Secondary Open Surfaced Miles	781.370	Total Open New/Resurfaced Rural Miles 2017	5.496
Secondary Open Not Surfaced Miles	4.263	Total Open Rural Miles Unknown Surface Type	0.002
Percentage Surfaced Secondary Roads	97.770	Percentage County Miles FM	31.190

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	4.263	577.756	1.535	92.131	109.948	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	5.496	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	246.521
FM Miles Open	246.240
FM Miles LNO	0.281
FM Open Miles Surfaced	246.239
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	5.496
FM in Municipalities Populated Less Than 500	5.052
Fm Open Miles Unknown Surface Type	0.002

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	62.046	0.000	80.997	103.196	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	5.496	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	542.714
AS Miles Open	539.394
AS Miles LNO	3.320
AS Open Miles Surfaced	535.131
AS Open Miles Not Surfaced	4.263
Percentage AS Surfaced	98.700
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	4.263	515.710	1.54	11.134	6.752	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# MONONA

67

## County Miles Summary

Secondary Miles	1,063.898	Rural Open Roads All Systems	1,167.434
Secondary Open Miles	1,056.206	Rural Primary Miles	104.083
Secondary Legal Not Open (LNO) Miles	7.693	Rural Open Surfaced Miles	1,076.162
Secondary Open Surfaced Miles	964.941	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	91.265	Total Open Rural Miles Unknown Surface Type	0.007
Percentage Surfaced Secondary Roads	90.700	Percentage County Miles FM	33.810

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	91.265	769.396	1.225	111.868	82.452	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	353.941
FM Miles Open	353.941
FM Miles LNO	0.000
FM Open Miles Surfaced	353.941
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	2.853
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	161.087	0.581	110.486	81.787	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	709.957
AS Miles Open	702.265
AS Miles LNO	7.693
AS Open Miles Surfaced	611.000
AS Open Miles Not Surfaced	91.265
Percentage AS Surfaced	86.090
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	91.265	608.309	0.64	1.382	0.665	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# MONROE

68

## County Miles Summary

Secondary Miles	614.862	Rural Open Roads All Systems	644.916
Secondary Open Miles	592.118	Rural Primary Miles	52.662
Secondary Legal Not Open (LNO) Miles	22.744	Rural Open Surfaced Miles	606.209
Secondary Open Surfaced Miles	553.411	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	38.707	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	90.010	Percentage County Miles FM	45.180

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	38.707	494.031	0.058	8.090	51.233	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	274.081
FM Miles Open	274.081
FM Miles LNO	0.000
FM Open Miles Surfaced	274.081
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	1.198
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	225.860	0.000	6.991	41.230	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	340.781
AS Miles Open	318.037
AS Miles LNO	22.744
AS Open Miles Surfaced	279.331
AS Open Miles Not Surfaced	38.707
Percentage AS Surfaced	82.090
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	38.707	268.171	0.06	1.099	10.003	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# MONTGOMERY

69

## County Miles Summary

Secondary Miles	718.997	Rural Open Roads All Systems	777.966
Secondary Open Miles	715.012	Rural Primary Miles	60.462
Secondary Legal Not Open (LNO) Miles	3.985	Rural Open Surfaced Miles	678.682
Secondary Open Surfaced Miles	615.734	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	99.279	Total Open Rural Miles Unknown Surface Type	0.006
Percentage Surfaced Secondary Roads	85.640	Percentage County Miles FM	32.330

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	99.279	507.342	1.920	58.338	48.134	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	226.266
FM Miles Open	226.266
FM Miles LNO	0.000
FM Open Miles Surfaced	226.266
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	1.280
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	121.303	1.788	55.958	47.218	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	492.731
AS Miles Open	488.746
AS Miles LNO	3.985
AS Open Miles Surfaced	389.468
AS Open Miles Not Surfaced	99.279
Percentage AS Surfaced	79.060
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	99.279	386.040	0.13	2.380	0.916	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# MUSCATINE

70

## County Miles Summary

Secondary Miles	608.409	Rural Open Roads All Systems	699.014
Secondary Open Miles	607.399	Rural Primary Miles	86.940
Secondary Legal Not Open (LNO) Miles	1.010	Rural Open Surfaced Miles	681.959
Secondary Open Surfaced Miles	590.348	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	17.051	Total Open Rural Miles Unknown Surface Type	0.004
Percentage Surfaced Secondary Roads	97.010	Percentage County Miles FM	38.750

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	17.051	405.801	42.640	81.874	60.033	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	222.978
FM Miles Open	222.938
FM Miles LNO	0.040
FM Open Miles Surfaced	222.938
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	99.980
FM Open New/Resurfaced FM Miles 2017	0.000
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
FM Miles By Surface	0.000	76.581	22.748	64.859	58.750	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	385.431
AS Miles Open	384.461
AS Miles LNO	0.970
AS Open Miles Surfaced	367.410
AS Open Miles Not Surfaced	17.051
Percentage AS Surfaced	95.350
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	17.051	329.220	19.89	17.015	1.283	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# O BRIEN

71

## County Miles Summary

Secondary Miles	1,021.354	Rural Open Roads All Systems	1,093.952
Secondary Open Miles	1,014.333	Rural Primary Miles	79.174
Secondary Legal Not Open (LNO) Miles	7.021	Rural Open Surfaced Miles	1,039.823
Secondary Open Surfaced Miles	960.204	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	54.127	Total Open Rural Miles Unknown Surface Type	0.002
Percentage Surfaced Secondary Roads	94.010	Percentage County Miles FM	32.190

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	54.127	737.728	0.503	204.384	17.590	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	318.846
FM Miles Open	318.846
FM Miles LNO	0.000
FM Open Miles Surfaced	318.846
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
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
FM Miles By Surface	0.000	100.528	0.503	201.252	16.563	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	702.509
AS Miles Open	695.488
AS Miles LNO	7.021
AS Open Miles Surfaced	641.359
AS Open Miles Not Surfaced	54.127
Percentage AS Surfaced	91.450
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.002

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	54.127	637.200	0.00	3.132	1.027	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# OSCEOLA

72

## County Miles Summary

Secondary Miles	732.718	Rural Open Roads All Systems	788.330
Secondary Open Miles	731.105	Rural Primary Miles	59.588
Secondary Legal Not Open (LNO) Miles	1.613	Rural Open Surfaced Miles	743.913
Secondary Open Surfaced Miles	686.692	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	44.413	Total Open Rural Miles Unknown Surface Type	0.004
Percentage Surfaced Secondary Roads	92.670	Percentage County Miles FM	33.540

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	44.413	480.618	0.000	199.033	7.041	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	246.168
FM Miles Open	246.168
FM Miles LNO	0.000
FM Open Miles Surfaced	246.168
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	2.919
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	56.585	0.000	185.334	4.249	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	486.550
AS Miles Open	484.937
AS Miles LNO	1.613
AS Open Miles Surfaced	440.524
AS Open Miles Not Surfaced	44.413
Percentage AS Surfaced	90.730
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	44.413	424.033	0.00	13.699	2.792	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

**County Miles Summary**

Secondary Miles	923.888	Rural Open Roads All Systems	971.762
Secondary Open Miles	916.761	Rural Primary Miles	61.336
Secondary Legal Not Open (LNO) Miles	7.127	Rural Open Surfaced Miles	826.377
Secondary Open Surfaced Miles	771.376	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	145.385	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	83.490	Percentage County Miles FM	37.260

<b>SURFACE TYPE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
Total Miles By Surface	145.385	573.324	71.971	76.364	49.717	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

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

Total FM Miles	337.123
FM Miles Open	337.123
FM Miles LNO	0.000
FM Open Miles Surfaced	337.123
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	6.344
Fm Open Miles Unknown Surface Type	0.000

<b>SURFACE TYPE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
FM Miles By Surface	0.000	143.836	70.332	74.362	48.594	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

**AREA SERVICE (AS) SUMMARY**

Total AS Miles	586.765
AS Miles Open	579.638
AS Miles LNO	7.127
AS Open Miles Surfaced	434.253
AS Open Miles Not Surfaced	145.385
Percentage AS Surfaced	74.010
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

<b>SURFACE TITLE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
AS Miles By Surface	145.385	429.489	1.64	2.002	1.123	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# PALO ALTO

74

## County Miles Summary

Secondary Miles	951.074	Rural Open Roads All Systems	995.346
Secondary Open Miles	947.619	Rural Primary Miles	50.854
Secondary Legal Not Open (LNO) Miles	3.455	Rural Open Surfaced Miles	994.840
Secondary Open Surfaced Miles	947.122	Total Open New/Resurfaced Rural Miles 2017	4.677
Secondary Open Not Surfaced Miles	0.497	Total Open Rural Miles Unknown Surface Type	0.009
Percentage Surfaced Secondary Roads	99.580	Percentage County Miles FM	33.930

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	0.497	769.955	1.171	32.296	143.701	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	4.677	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	318.313
FM Miles Open	318.313
FM Miles LNO	0.000
FM Open Miles Surfaced	318.313
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	4.677
FM in Municipalities Populated Less Than 500	4.065
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	147.733	0.256	30.526	139.798	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	4.677	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	632.761
AS Miles Open	629.306
AS Miles LNO	3.455
AS Open Miles Surfaced	628.810
AS Open Miles Not Surfaced	0.497
Percentage AS Surfaced	99.380
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	0.497	622.222	0.92	1.770	3.903	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# PLYMOUTH

75

## County Miles Summary

Secondary Miles	1,423.574	Rural Open Roads All Systems	1,533.104
Secondary Open Miles	1,420.342	Rural Primary Miles	112.894
Secondary Legal Not Open (LNO) Miles	3.232	Rural Open Surfaced Miles	1,491.639
Secondary Open Surfaced Miles	1,378.877	Total Open New/Resurfaced Rural Miles 2017	4.490
Secondary Open Not Surfaced Miles	41.466	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	96.860	Percentage County Miles FM	26.200

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	41.466	1,015.072	0.853	231.158	131.794	0.000
Total New/Resurfaced Miles 2017	0.000	0.045	0.000	0.000	4.445	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	364.060
FM Miles Open	364.060
FM Miles LNO	0.000
FM Open Miles Surfaced	364.060
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	4.490
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
FM Miles By Surface	0.000	21.950	0.000	215.656	126.454	0.000
FM New/Resurfaced Miles 2017	0.000	0.045	0.000	0.000	4.445	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	1,059.514
AS Miles Open	1,056.282
AS Miles LNO	3.232
AS Open Miles Surfaced	1,014.817
AS Open Miles Not Surfaced	41.466
Percentage AS Surfaced	95.810
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	41.466	993.122	0.85	15.502	5.340	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# POCAHONTAS

76

## County Miles Summary

Secondary Miles	1,006.055	Rural Open Roads All Systems	1,087.829
Secondary Open Miles	1,005.816	Rural Primary Miles	84.045
Secondary Legal Not Open (LNO) Miles	0.239	Rural Open Surfaced Miles	1,064.229
Secondary Open Surfaced Miles	982.223	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	23.593	Total Open Rural Miles Unknown Surface Type	0.007
Percentage Surfaced Secondary Roads	97.630	Percentage County Miles FM	31.110

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	23.593	787.797	0.000	91.222	103.205	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	309.333
FM Miles Open	309.333
FM Miles LNO	0.000
FM Open Miles Surfaced	309.318
FM Open Miles Not Surfaced	0.015
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	3.953
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.015	122.762	0.000	89.982	96.575	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	696.722
AS Miles Open	696.483
AS Miles LNO	0.239
AS Open Miles Surfaced	672.905
AS Open Miles Not Surfaced	23.578
Percentage AS Surfaced	96.590
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	23.578	665.035	0.00	1.240	6.630	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# POLK

77

## County Miles Summary

Secondary Miles	727.933	Rural Open Roads All Systems	830.835
Secondary Open Miles	723.293	Rural Primary Miles	80.908
Secondary Legal Not Open (LNO) Miles	4.666	Rural Open Surfaced Miles	829.118
Secondary Open Surfaced Miles	721.733	Total Open New/Resurfaced Rural Miles 2017	33.656
Secondary Open Not Surfaced Miles	1.561	Total Open Rural Miles Unknown Surface Type	0.156
Percentage Surfaced Secondary Roads	99.140	Percentage County Miles FM	59.600

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	1.561	164.775	8.593	514.249	34.063	0.054
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	33.656	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	319.721
FM Miles Open	319.721
FM Miles LNO	0.000
FM Open Miles Surfaced	319.721
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	19.214
FM in Municipalities Populated Less Than 500	3.472
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	17.557	0.125	298.704	3.335	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	18.042	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	408.212
AS Miles Open	403.547
AS Miles LNO	4.666
AS Open Miles Surfaced	401.986
AS Open Miles Not Surfaced	1.561
Percentage AS Surfaced	98.490
AS Open New/Resurfaced AS Miles 2017	15.614
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	1.561	147.218	8.47	215.519	30.728	0.054
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	15.614	0.000	0.000

# POTTAWATTAMIE

78

## County Miles Summary

Secondary Miles	1,486.035	Rural Open Roads All Systems	1,649.303
Secondary Open Miles	1,471.235	Rural Primary Miles	173.610
Secondary Legal Not Open (LNO) Miles	14.800	Rural Open Surfaced Miles	1,569.451
Secondary Open Surfaced Miles	1,391.398	Total Open New/Resurfaced Rural Miles 2017	0.010
Secondary Open Not Surfaced Miles	79.837	Total Open Rural Miles Unknown Surface Type	0.015
Percentage Surfaced Secondary Roads	93.630	Percentage County Miles FM	41.530

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	79.837	1,114.979	56.840	129.588	89.991	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.010	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	591.923
FM Miles Open	591.923
FM Miles LNO	0.000
FM Open Miles Surfaced	591.923
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.032
FM in Municipalities Populated Less Than 500	1.338
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	366.956	28.155	123.887	72.925	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.010	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	894.112
AS Miles Open	879.312
AS Miles LNO	14.800
AS Open Miles Surfaced	799.475
AS Open Miles Not Surfaced	79.837
Percentage AS Surfaced	89.490
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	79.837	748.023	28.69	5.701	17.066	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# POWESHIEK

79

## County Miles Summary

Secondary Miles	977.312	Rural Open Roads All Systems	1,084.242
Secondary Open Miles	972.509	Rural Primary Miles	114.688
Secondary Legal Not Open (LNO) Miles	4.803	Rural Open Surfaced Miles	966.030
Secondary Open Surfaced Miles	854.298	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	118.211	Total Open Rural Miles Unknown Surface Type	0.001
Percentage Surfaced Secondary Roads	86.700	Percentage County Miles FM	34.580

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	118.211	736.903	12.758	25.143	79.494	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	330.490
FM Miles Open	330.490
FM Miles LNO	0.000
FM Open Miles Surfaced	329.108
FM Open Miles Not Surfaced	1.382
Percentage FM Surfaced	99.580
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	2.943
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	1.382	221.842	5.893	24.158	77.215	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	646.822
AS Miles Open	642.019
AS Miles LNO	4.803
AS Open Miles Surfaced	525.190
AS Open Miles Not Surfaced	116.829
Percentage AS Surfaced	80.210
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	116.829	515.061	6.87	0.985	2.279	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# RINGGOLD

80

## County Miles Summary

Secondary Miles	896.068	Rural Open Roads All Systems	930.766
Secondary Open Miles	879.530	Rural Primary Miles	55.720
Secondary Legal Not Open (LNO) Miles	16.538	Rural Open Surfaced Miles	730.355
Secondary Open Surfaced Miles	679.120	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	200.410	Total Open Rural Miles Unknown Surface Type	0.001
Percentage Surfaced Secondary Roads	75.710	Percentage County Miles FM	32.610

<b>SURFACE TYPE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
Total Miles By Surface	200.410	529.493	64.759	50.331	34.538	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	290.831
FM Miles Open	290.831
FM Miles LNO	0.000
FM Open Miles Surfaced	290.556
FM Open Miles Not Surfaced	0.275
Percentage FM Surfaced	99.910
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	7.589
Fm Open Miles Unknown Surface Type	0.000

<b>SURFACE TYPE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
FM Miles By Surface	0.275	151.059	54.629	50.331	34.538	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	605.237
AS Miles Open	588.699
AS Miles LNO	16.538
AS Open Miles Surfaced	388.564
AS Open Miles Not Surfaced	200.135
Percentage AS Surfaced	64.170
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

<b>SURFACE TITLE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
AS Miles By Surface	200.135	378.434	10.13	0.000	0.000	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

---

**SAC****81****County Miles Summary**

---

Secondary Miles	1,029.043	Rural Open Roads All Systems	1,123.775
Secondary Open Miles	1,026.274	Rural Primary Miles	94.710
Secondary Legal Not Open (LNO) Miles	2.769	Rural Open Surfaced Miles	1,101.952
Secondary Open Surfaced Miles	1,004.644	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	21.631	Total Open Rural Miles Unknown Surface Type	0.193
Percentage Surfaced Secondary Roads	97.630	Percentage County Miles FM	34.110

---

<b>SURFACE TYPE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
Total Miles By Surface	21.631	796.500	0.496	101.349	106.299	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

---

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

---

Total FM Miles	337.583
FM Miles Open	337.583
FM Miles LNO	0.000
FM Open Miles Surfaced	337.085
FM Open Miles Not Surfaced	0.498
Percentage FM Surfaced	99.850
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	0.153
Fm Open Miles Unknown Surface Type	0.000

---

<b>SURFACE TYPE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
FM Miles By Surface	0.498	134.596	0.000	100.789	101.700	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

---

**AREA SERVICE (AS) SUMMARY**

---

Total AS Miles	691.461
AS Miles Open	688.692
AS Miles LNO	2.769
AS Open Miles Surfaced	667.559
AS Open Miles Not Surfaced	21.133
Percentage AS Surfaced	96.710
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

---

<b>SURFACE TITLE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
AS Miles By Surface	21.133	661.904	0.50	0.560	4.599	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# SCOTT

82

## County Miles Summary

Secondary Miles	563.737	Rural Open Roads All Systems	606.529
Secondary Open Miles	561.801	Rural Primary Miles	48.552
Secondary Legal Not Open (LNO) Miles	1.936	Rural Open Surfaced Miles	595.833
Secondary Open Surfaced Miles	551.129	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	10.672	Total Open Rural Miles Unknown Surface Type	0.024
Percentage Surfaced Secondary Roads	97.760	Percentage County Miles FM	44.640

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	10.672	325.065	7.414	196.564	22.087	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	211.377
FM Miles Open	211.377
FM Miles LNO	0.000
FM Open Miles Surfaced	210.523
FM Open Miles Not Surfaced	0.854
Percentage FM Surfaced	99.600
FM Open New/Resurfaced FM Miles 2017	0.101
FM in Municipalities Populated Less Than 500	3.799
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.854	54.265	0.708	142.035	13.515	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	352.361
AS Miles Open	350.425
AS Miles LNO	1.936
AS Open Miles Surfaced	340.607
AS Open Miles Not Surfaced	9.818
Percentage AS Surfaced	96.660
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	9.818	270.800	6.71	54.529	8.572	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# SHELBY

83

## County Miles Summary

Secondary Miles	960.154	Rural Open Roads All Systems	1,025.078
Secondary Open Miles	947.639	Rural Primary Miles	76.481
Secondary Legal Not Open (LNO) Miles	12.516	Rural Open Surfaced Miles	887.949
Secondary Open Surfaced Miles	810.522	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	137.116	Total Open Rural Miles Unknown Surface Type	0.013
Percentage Surfaced Secondary Roads	84.420	Percentage County Miles FM	31.670

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	137.116	676.660	16.523	97.461	19.879	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	297.110
FM Miles Open	297.110
FM Miles LNO	0.000
FM Open Miles Surfaced	294.604
FM Open Miles Not Surfaced	2.506
Percentage FM Surfaced	99.160
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	4.474
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	2.505	163.600	15.222	96.115	19.668	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	663.044
AS Miles Open	650.529
AS Miles LNO	12.516
AS Open Miles Surfaced	515.918
AS Open Miles Not Surfaced	134.611
Percentage AS Surfaced	78.020
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	134.611	513.060	1.30	1.346	0.211	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# SIOUX

84

## County Miles Summary

Secondary Miles	1,358.454	Rural Open Roads All Systems	1,457.467
Secondary Open Miles	1,350.254	Rural Primary Miles	106.991
Secondary Legal Not Open (LNO) Miles	8.201	Rural Open Surfaced Miles	1,410.106
Secondary Open Surfaced Miles	1,302.898	Total Open New/Resurfaced Rural Miles 2017	14.231
Secondary Open Not Surfaced Miles	47.356	Total Open Rural Miles Unknown Surface Type	0.005
Percentage Surfaced Secondary Roads	95.910	Percentage County Miles FM	32.400

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	47.356	1,013.465	0.093	237.516	51.824	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	11.965	2.266	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	422.785
FM Miles Open	422.785
FM Miles LNO	0.000
FM Open Miles Surfaced	421.871
FM Open Miles Not Surfaced	0.914
Percentage FM Surfaced	99.780
FM Open New/Resurfaced FM Miles 2017	12.099
FM in Municipalities Populated Less Than 500	1.451
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.914	152.170	0.000	228.368	41.333	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	11.965	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	935.669
AS Miles Open	927.469
AS Miles LNO	8.201
AS Open Miles Surfaced	881.027
AS Open Miles Not Surfaced	46.442
Percentage AS Surfaced	94.170
AS Open New/Resurfaced AS Miles 2017	2.266
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	46.442	861.295	0.09	9.148	10.491	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	2.266	0.000

# STORY

85

## County Miles Summary

Secondary Miles	924.111	Rural Open Roads All Systems	1,025.490
Secondary Open Miles	923.404	Rural Primary Miles	96.301
Secondary Legal Not Open (LNO) Miles	0.708	Rural Open Surfaced Miles	1,002.962
Secondary Open Surfaced Miles	900.880	Total Open New/Resurfaced Rural Miles 2017	8.655
Secondary Open Not Surfaced Miles	22.524	Total Open Rural Miles Unknown Surface Type	0.004
Percentage Surfaced Secondary Roads	97.490	Percentage County Miles FM	43.230

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	22.524	700.659	5.460	161.626	33.135	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	6.194	2.461	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	356.262
FM Miles Open	356.262
FM Miles LNO	0.000
FM Open Miles Surfaced	356.262
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	7.158
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
FM Miles By Surface	0.000	170.285	3.296	153.411	29.270	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	6.194	0.964	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	567.850
AS Miles Open	567.142
AS Miles LNO	0.708
AS Open Miles Surfaced	544.618
AS Open Miles Not Surfaced	22.524
Percentage AS Surfaced	95.910
AS Open New/Resurfaced AS Miles 2017	1.497
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	22.524	530.374	2.16	8.215	3.865	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	1.497	0.000

# TAMA

86

## County Miles Summary

Secondary Miles	1,159.501	Rural Open Roads All Systems	1,255.877
Secondary Open Miles	1,150.386	Rural Primary Miles	92.691
Secondary Legal Not Open (LNO) Miles	9.115	Rural Open Surfaced Miles	1,184.510
Secondary Open Surfaced Miles	1,079.026	Total Open New/Resurfaced Rural Miles 2017	5.441
Secondary Open Not Surfaced Miles	71.361	Total Open Rural Miles Unknown Surface Type	0.007
Percentage Surfaced Secondary Roads	93.060	Percentage County Miles FM	32.030

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	71.361	891.830	4.428	161.193	20.687	0.889
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.774	4.667	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	366.884
FM Miles Open	366.884
FM Miles LNO	0.000
FM Open Miles Surfaced	365.951
FM Open Miles Not Surfaced	0.933
Percentage FM Surfaced	99.750
FM Open New/Resurfaced FM Miles 2017	5.441
FM in Municipalities Populated Less Than 500	7.106
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.933	190.484	3.713	154.012	17.742	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.774	4.667	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	792.618
AS Miles Open	783.503
AS Miles LNO	9.115
AS Open Miles Surfaced	713.075
AS Open Miles Not Surfaced	70.428
Percentage AS Surfaced	89.980
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	70.428	701.346	0.72	7.181	2.945	0.889
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# TAYLOR

87

## County Miles Summary

Secondary Miles	928.305	Rural Open Roads All Systems	968.006
Secondary Open Miles	914.593	Rural Primary Miles	55.136
Secondary Legal Not Open (LNO) Miles	13.721	Rural Open Surfaced Miles	778.130
Secondary Open Surfaced Miles	724.560	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	190.032	Total Open Rural Miles Unknown Surface Type	0.001
Percentage Surfaced Secondary Roads	77.560	Percentage County Miles FM	35.650

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	190.032	613.971	1.577	99.562	9.450	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	330.477
FM Miles Open	330.477
FM Miles LNO	0.000
FM Open Miles Surfaced	327.312
FM Open Miles Not Surfaced	3.165
Percentage FM Surfaced	99.040
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	4.749
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	3.165	220.030	1.245	99.113	6.924	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	597.828
AS Miles Open	584.107
AS Miles LNO	13.721
AS Open Miles Surfaced	397.240
AS Open Miles Not Surfaced	186.867
Percentage AS Surfaced	66.040
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	186.867	393.933	0.33	0.449	2.526	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

---

**UNION****88****County Miles Summary**

---

Secondary Miles	703.278	Rural Open Roads All Systems	755.152
Secondary Open Miles	699.813	Rural Primary Miles	51.005
Secondary Legal Not Open (LNO) Miles	3.465	Rural Open Surfaced Miles	659.367
Secondary Open Surfaced Miles	604.039	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	95.774	Total Open Rural Miles Unknown Surface Type	0.011
Percentage Surfaced Secondary Roads	85.820	Percentage County Miles FM	37.060

---

<b>SURFACE TYPE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
Total Miles By Surface	95.774	504.728	21.254	40.357	37.701	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

---

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

---

Total FM Miles	255.468
FM Miles Open	255.468
FM Miles LNO	0.000
FM Open Miles Surfaced	255.468
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	3.233
Fm Open Miles Unknown Surface Type	0.000

---

<b>SURFACE TYPE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
FM Miles By Surface	0.000	166.295	16.600	37.604	34.970	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

---

**AREA SERVICE (AS) SUMMARY**

---

Total AS Miles	447.810
AS Miles Open	444.345
AS Miles LNO	3.465
AS Open Miles Surfaced	348.571
AS Open Miles Not Surfaced	95.774
Percentage AS Surfaced	77.900
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

---

<b>SURFACE TITLE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
AS Miles By Surface	95.774	338.433	4.65	2.753	2.731	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# VAN BUREN

89

## County Miles Summary

Secondary Miles	749.542	Rural Open Roads All Systems	808.997
Secondary Open Miles	739.804	Rural Primary Miles	66.127
Secondary Legal Not Open (LNO) Miles	9.739	Rural Open Surfaced Miles	761.988
Secondary Open Surfaced Miles	693.557	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	46.247	Total Open Rural Miles Unknown Surface Type	0.425
Percentage Surfaced Secondary Roads	92.480	Percentage County Miles FM	36.200

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	46.247	591.202	3.475	85.237	13.643	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	269.556
FM Miles Open	269.556
FM Miles LNO	0.000
FM Open Miles Surfaced	269.556
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	8.115
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	173.195	3.142	83.293	9.927	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	479.986
AS Miles Open	470.248
AS Miles LNO	9.739
AS Open Miles Surfaced	424.001
AS Open Miles Not Surfaced	46.247
Percentage AS Surfaced	88.750
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	46.247	418.008	0.33	1.944	3.716	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# WAPELLO

90

## County Miles Summary

Secondary Miles	710.197	Rural Open Roads All Systems	764.081
Secondary Open Miles	702.818	Rural Primary Miles	60.503
Secondary Legal Not Open (LNO) Miles	7.379	Rural Open Surfaced Miles	727.805
Secondary Open Surfaced Miles	666.543	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	36.275	Total Open Rural Miles Unknown Surface Type	0.001
Percentage Surfaced Secondary Roads	93.840	Percentage County Miles FM	41.320

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	36.275	521.063	7.267	109.264	28.950	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	273.863
FM Miles Open	273.863
FM Miles LNO	0.000
FM Open Miles Surfaced	273.863
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	3.635
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	148.933	6.778	95.019	23.134	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	436.334
AS Miles Open	428.955
AS Miles LNO	7.379
AS Open Miles Surfaced	392.680
AS Open Miles Not Surfaced	36.275
Percentage AS Surfaced	90.300
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	36.275	372.130	0.49	14.245	5.816	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# WARREN

91

## County Miles Summary

Secondary Miles	868.751	Rural Open Roads All Systems	957.668
Secondary Open Miles	861.633	Rural Primary Miles	94.097
Secondary Legal Not Open (LNO) Miles	7.118	Rural Open Surfaced Miles	893.960
Secondary Open Surfaced Miles	797.934	Total Open New/Resurfaced Rural Miles 2017	6.524
Secondary Open Not Surfaced Miles	63.700	Total Open Rural Miles Unknown Surface Type	0.008
Percentage Surfaced Secondary Roads	91.430	Percentage County Miles FM	38.010

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	63.700	628.211	0.892	19.069	149.762	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	6.524	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	313.006
FM Miles Open	313.006
FM Miles LNO	0.000
FM Open Miles Surfaced	313.006
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	6.524
FM in Municipalities Populated Less Than 500	3.200
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	158.116	0.892	15.184	138.814	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	6.524	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	555.746
AS Miles Open	548.628
AS Miles LNO	7.118
AS Open Miles Surfaced	484.928
AS Open Miles Not Surfaced	63.700
Percentage AS Surfaced	87.260
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	63.700	470.096	0.00	3.885	10.948	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# WASHINGTON

92

## County Miles Summary

Secondary Miles	920.485	Rural Open Roads All Systems	1,004.315
Secondary Open Miles	906.010	Rural Primary Miles	94.997
Secondary Legal Not Open (LNO) Miles	14.475	Rural Open Surfaced Miles	915.608
Secondary Open Surfaced Miles	817.302	Total Open New/Resurfaced Rural Miles 2017	7.021
Secondary Open Not Surfaced Miles	88.708	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	88.790	Percentage County Miles FM	40.520

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	88.708	649.936	0.624	7.947	158.795	0.000
Total New/Resurfaced Miles 2017	0.001	7.021	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	365.150
FM Miles Open	365.150
FM Miles LNO	0.000
FM Open Miles Surfaced	365.150
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.747
FM in Municipalities Populated Less Than 500	2.042
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	204.075	0.259	7.373	153.443	0.000
FM New/Resurfaced Miles 2017	0.000	0.747	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	555.335
AS Miles Open	540.860
AS Miles LNO	14.475
AS Open Miles Surfaced	452.153
AS Open Miles Not Surfaced	88.708
Percentage AS Surfaced	81.420
AS Open New/Resurfaced AS Miles 2017	6.274
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	88.708	445.862	0.37	0.574	5.352	0.000
AS New/Resurfaced Miles 2017	0.001	6.274	0.00	0.000	0.000	0.000

# WAYNE

93

## County Miles Summary

Secondary Miles	838.854	Rural Open Roads All Systems	881.878
Secondary Open Miles	831.789	Rural Primary Miles	52.194
Secondary Legal Not Open (LNO) Miles	7.065	Rural Open Surfaced Miles	818.774
Secondary Open Surfaced Miles	768.685	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	63.105	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	90.840	Percentage County Miles FM	37.090

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	63.105	659.511	2.657	3.918	102.598	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	307.116
FM Miles Open	307.116
FM Miles LNO	0.000
FM Open Miles Surfaced	306.114
FM Open Miles Not Surfaced	1.002
Percentage FM Surfaced	99.670
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	3.516
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	1.002	204.208	2.657	3.831	95.418	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	531.738
AS Miles Open	524.673
AS Miles LNO	7.065
AS Open Miles Surfaced	462.571
AS Open Miles Not Surfaced	62.103
Percentage AS Surfaced	86.520
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	62.103	455.304	0.00	0.087	7.180	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# WEBSTER

94

## County Miles Summary

Secondary Miles	1,184.266	Rural Open Roads All Systems	1,278.514
Secondary Open Miles	1,181.032	Rural Primary Miles	92.659
Secondary Legal Not Open (LNO) Miles	3.234	Rural Open Surfaced Miles	1,274.925
Secondary Open Surfaced Miles	1,178.089	Total Open New/Resurfaced Rural Miles 2017	8.319
Secondary Open Not Surfaced Miles	2.943	Total Open Rural Miles Unknown Surface Type	0.010
Percentage Surfaced Secondary Roads	99.480	Percentage County Miles FM	36.340

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	2.943	866.379	7.901	283.620	20.189	0.000
Total New/Resurfaced Miles 2017	0.000	1.992	0.000	6.327	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	408.066
FM Miles Open	408.066
FM Miles LNO	0.000
FM Open Miles Surfaced	408.066
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	7.071
FM in Municipalities Populated Less Than 500	7.592
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	127.974	0.048	261.812	18.232	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	6.327	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	776.200
AS Miles Open	772.966
AS Miles LNO	3.234
AS Open Miles Surfaced	770.023
AS Open Miles Not Surfaced	2.943
Percentage AS Surfaced	99.360
AS Open New/Resurfaced AS Miles 2017	1.992
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	2.943	738.405	7.85	21.808	1.957	0.000
AS New/Resurfaced Miles 2017	0.000	1.992	0.00	0.000	0.000	0.000

# WINNEBAGO

95

## County Miles Summary

Secondary Miles	718.867	Rural Open Roads All Systems	754.698
Secondary Open Miles	713.804	Rural Primary Miles	40.271
Secondary Legal Not Open (LNO) Miles	5.066	Rural Open Surfaced Miles	753.461
Secondary Open Surfaced Miles	712.758	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	1.043	Total Open Rural Miles Unknown Surface Type	0.003
Percentage Surfaced Secondary Roads	97.710	Percentage County Miles FM	28.620

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	1.043	564.636	0.000	141.421	6.701	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	203.277
FM Miles Open	203.277
FM Miles LNO	0.000
FM Open Miles Surfaced	203.277
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	1.422
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	58.133	0.000	139.892	5.252	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	515.590
AS Miles Open	510.524
AS Miles LNO	5.066
AS Open Miles Surfaced	509.481
AS Open Miles Not Surfaced	1.043
Percentage AS Surfaced	98.840
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	1.043	506.502	0.00	1.529	1.449	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# WINNESHIEK

96

## County Miles Summary

Secondary Miles	1,056.896	Rural Open Roads All Systems	1,129.798
Secondary Open Miles	1,047.213	Rural Primary Miles	86.894
Secondary Legal Not Open (LNO) Miles	9.683	Rural Open Surfaced Miles	1,126.990
Secondary Open Surfaced Miles	1,044.899	Total Open New/Resurfaced Rural Miles 2017	3.656
Secondary Open Not Surfaced Miles	2.314	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	98.070	Percentage County Miles FM	33.730

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	2.314	802.130	12.835	153.948	75.987	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	3.656	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	352.348
FM Miles Open	352.348
FM Miles LNO	0.000
FM Open Miles Surfaced	352.348
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	6.318
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	126.817	8.391	143.886	73.254	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	704.548
AS Miles Open	694.865
AS Miles LNO	9.683
AS Open Miles Surfaced	692.552
AS Open Miles Not Surfaced	2.314
Percentage AS Surfaced	98.420
AS Open New/Resurfaced AS Miles 2017	3.656
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	2.314	675.313	4.44	10.062	2.733	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	3.656	0.000	0.000

# WOODBURY

97

## County Miles Summary

Secondary Miles	1,353.613	Rural Open Roads All Systems	1,438.027
Secondary Open Miles	1,342.023	Rural Primary Miles	112.346
Secondary Legal Not Open (LNO) Miles	11.591	Rural Open Surfaced Miles	1,373.641
Secondary Open Surfaced Miles	1,278.109	Total Open New/Resurfaced Rural Miles 2017	11.852
Secondary Open Not Surfaced Miles	63.912	Total Open Rural Miles Unknown Surface Type	0.029
Percentage Surfaced Secondary Roads	94.330	Percentage County Miles FM	31.200

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	63.912	938.300	1.395	257.564	80.850	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	11.851	0.001	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	395.776
FM Miles Open	395.776
FM Miles LNO	0.000
FM Open Miles Surfaced	395.776
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	11.852
FM in Municipalities Populated Less Than 500	5.903
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	81.530	0.000	247.000	67.246	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	11.851	0.001	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	957.837
AS Miles Open	946.247
AS Miles LNO	11.591
AS Open Miles Surfaced	882.333
AS Open Miles Not Surfaced	63.912
Percentage AS Surfaced	92.130
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.002

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	63.912	856.770	1.40	10.564	13.604	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# WORTH

98

## County Miles Summary

Secondary Miles	698.876	Rural Open Roads All Systems	741.695
Secondary Open Miles	693.300	Rural Primary Miles	54.184
Secondary Legal Not Open (LNO) Miles	5.576	Rural Open Surfaced Miles	739.381
Secondary Open Surfaced Miles	690.987	Total Open New/Resurfaced Rural Miles 2017	0.000
Secondary Open Not Surfaced Miles	2.313	Total Open Rural Miles Unknown Surface Type	0.001
Percentage Surfaced Secondary Roads	97.370	Percentage County Miles FM	34.430

<b>SURFACE TYPE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
Total Miles By Surface	2.313	473.722	0.056	133.473	83.736	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	242.349
FM Miles Open	242.349
FM Miles LNO	0.000
FM Open Miles Surfaced	242.349
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	0.000
FM in Municipalities Populated Less Than 500	6.657
Fm Open Miles Unknown Surface Type	0.000

<b>SURFACE TYPE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
FM Miles By Surface	0.000	60.471	0.000	116.973	64.905	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	456.528
AS Miles Open	450.952
AS Miles LNO	5.576
AS Open Miles Surfaced	448.639
AS Open Miles Not Surfaced	2.313
Percentage AS Surfaced	98.310
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

<b>SURFACE TITLE</b>	<b>EARTH</b>	<b>GRAVEL</b>	<b>BITUMINOUS</b>	<b>ASPHALT</b>	<b>PCC</b>	<b>COMBINATION</b>
AS Miles By Surface	2.313	413.252	0.06	16.500	18.831	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000

# WRIGHT

99

## County Miles Summary

Secondary Miles	965.064	Rural Open Roads All Systems	1,030.316
Secondary Open Miles	963.788	Rural Primary Miles	65.981
Secondary Legal Not Open (LNO) Miles	1.276	Rural Open Surfaced Miles	1,028.187
Secondary Open Surfaced Miles	961.660	Total Open New/Resurfaced Rural Miles 2017	3.494
Secondary Open Not Surfaced Miles	2.128	Total Open Rural Miles Unknown Surface Type	0.001
Percentage Surfaced Secondary Roads	99.650	Percentage County Miles FM	24.930

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	2.128	792.043	0.290	137.422	31.906	0.000
Total New/Resurfaced Miles 2017	0.000	0.000	0.000	3.494	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	230.221
FM Miles Open	230.221
FM Miles LNO	0.000
FM Open Miles Surfaced	230.221
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2017	3.494
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
FM Miles By Surface	0.000	64.488	0.000	135.417	30.316	0.000
FM New/Resurfaced Miles 2017	0.000	0.000	0.000	3.494	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	734.844
AS Miles Open	733.568
AS Miles LNO	1.276
AS Open Miles Surfaced	731.440
AS Open Miles Not Surfaced	2.128
Percentage AS Surfaced	99.670
AS Open New/Resurfaced AS Miles 2017	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	2.128	727.555	0.29	2.005	1.590	0.000
AS New/Resurfaced Miles 2017	0.000	0.000	0.00	0.000	0.000	0.000