

**IOWA  
MILES OF  
RURAL SECONDARY ROADS  
AS OF  
JANUARY 1, 2019**

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## 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, 2019.

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
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Jan 01,2019

Total Farm-to-Market	2.114	21.359	23.473	13,304.377	757.888	16,443.465	30,505.876	30,529.349	30,527.252
Total Non-Farm-to-Market	550.992	4,391.331	4,942.323	52,942.418	472.879	1,383.662	54,798.975	59,741.298	59,190.316
Total for State	553.106	4,412.690	4,965.796	66,246.795	1,230.767	17,827.127	85,304.851	90,270.647	89,717.568

Jan 01,2018

Total Farm-to-Market	1.915	21.359	23.274	13,317.104	770.695	16,417.446	30,505.245	30,528.665	30,526.753
Total Non-Farm-to-Market	547.523	4,401.367	4,948.890	52,950.492	477.938	1,389.595	54,818.025	59,766.915	59,219.422
Total for State	549.438	4,422.726	4,972.164	66,267.596	1,248.633	17,807.041	85,323.270	90,295.580	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

## STATISTICAL SUMMARY

On Jan. 1, 2019, the conditions of the secondary road system was as follows:

	Farm-to-Market System	Area Service System
<b>Miles of Gravel-Surfaced Roads</b>	13,304.377	52,942.418
<b>Miles of Bituminous-Surfaced Roads</b>	757.888	472.879
<b>Miles of Earth-Surfaced Roads</b>	21.359	4,391.331
<b>Miles of Asphalt-Surfaced Roads</b>	10,852.649	951.391
<b>Miles of PCC-Surfaced Roads</b>	5,583.627	430.956
<b>Miles of Combination-Surfaced Roads</b>	7.189	1.315
<b>Total Miles in System</b>	30,529.366	59,741.308
<b>Total Miles of Open Road</b>	30,527.252	59,190.316
<b>Legal Not Open Roads</b>	2.114	550.992

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, 2018	2.001	4.297
Jan 01, 2017	0.001	17.566
Jan 01, 2016	0.008	18.182
Jan 01, 2015	0.000	0.328
Jan 01, 2014	3.016	13.685

## STATE RURAL MILES SUMMARY

Secondary Miles	90,270.674	Rural Roads All Systems	97,478.072
Secondary Open Miles (includes unknown surface)	89,722.564	Rural Primary Miles	7,587.396
Secondary Legal Not Open (LNO) Miles	553.106	Rural Open Surfaced Miles	93,023.121
Secondary Open Surfaced Miles	85,305.152	Total Open New/Resurfaced Rural Miles 2018	289.148
Secondary Open Not Surfaced Miles	4,412.690	Total Open Rural Miles Unknown Surface Type	29.761
Percentage Surfaced Secondary Roads	94.340		

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles by Surface	4,412.690	66,247.037	1,230.767	11,804.087	6,014.595	8.504
Total New/Resurfaced Miles 2018	2.001	4.297	5.130	196.591	76.126	7.004

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	30,529.366
FM Miles Open	30,527.252
FM Miles LNO	2.114
FM Open Miles Surfaced	30,505.876
FM Open Miles Not Surfaced	21.359
Percentage FM Open Surfaced	99.930
Total Open New/Resurfaced FM Miles 2018	277.733
FM in Municipalities Populated Less Than 500	397.549
FM Open Miles Unknown Surface Type	0.017

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles by Surface	21.359	13,304.377	757.888	10,852.649	5,583.627	7.189
Total New/Resurfaced Miles 2018	0.000	0.178	4.639	190.162	75.750	7.004

## AREA SERVICE (AS) SUMMARY

Total AS Miles	59,741.308
AS Miles Open	59,190.316
AS Miles LNO	550.992
AS Open Miles Surfaced	54,798.975
AS Open Miles Not Surfaced	4,391.331
Percentage AS Open Surfaced	92.580
Total Open New/Resurfaced AS Miles 2018	11.415
AS Open Miles Unknown Surface Type	0.010

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles by Surface	4,391.331	52,942.418	472.879	951.391	430.956	1.315
Total New/Resurfaced Miles 2018	2.001	4.119	0.491	6.429	0.376	0.000

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## County Miles Summary

Secondary Miles	1,015.651	Rural Open Roads All Systems	1,082.933
Secondary Open Miles	1,014.381	Rural Primary Miles	69.483
Secondary Legal Not Open (LNO) Miles	1.270	Rural Open Surfaced Miles	950.196
Secondary Open Surfaced Miles	881.644	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	132.737	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	86.810	Percentage County Miles FM	27.870

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	132.737	793.246	8.415	79.399	0.584	0.000
Total New/Resurfaced Miles 2018	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 2018	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 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	737.334
AS Miles Open	736.064
AS Miles LNO	1.270
AS Open Miles Surfaced	603.328
AS Open Miles Not Surfaced	132.737
Percentage AS Surfaced	81.870
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	132.737	598.959	4.10	0.000	0.272	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# ADAMS

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## County Miles Summary

Secondary Miles	720.793	Rural Open Roads All Systems	766.557
Secondary Open Miles	719.858	Rural Primary Miles	43.458
Secondary Legal Not Open (LNO) Miles	0.935	Rural Open Surfaced Miles	667.279
Secondary Open Surfaced Miles	622.140	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	97.718	Total Open Rural Miles Unknown Surface Type	1.414
Percentage Surfaced Secondary Roads	86.310	Percentage County Miles FM	27.800

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	97.718	516.425	0.156	75.151	30.408	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	199.111
FM Miles Open	199.111
FM Miles LNO	0.000
FM Open Miles Surfaced	199.111
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	0.000
FM in Municipalities Populated Less Than 500	2.780
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	72.390	29.219	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	521.682
AS Miles Open	520.747
AS Miles LNO	0.935
AS Open Miles Surfaced	423.029
AS Open Miles Not Surfaced	97.718
Percentage AS Surfaced	81.090
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	97.718	418.923	0.16	2.761	1.189	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# ALLAMAKEE

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## County Miles Summary

Secondary Miles	874.851	Rural Open Roads All Systems	960.713
Secondary Open Miles	859.534	Rural Primary Miles	83.708
Secondary Legal Not Open (LNO) Miles	15.317	Rural Open Surfaced Miles	949.118
Secondary Open Surfaced Miles	851.424	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	8.110	Total Open Rural Miles Unknown Surface Type	0.910
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	681.386	0.603	57.019	112.417	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	298.167
FM Miles Open	298.167
FM Miles LNO	0.000
FM Open Miles Surfaced	298.167
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	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	134.641	0.114	54.995	108.418	0.000
FM New/Resurfaced Miles 2018	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 2018	0.000
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 2018	0.000	0.000	0.00	0.000	0.000	0.000

# APPANOOSE

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## County Miles Summary

Secondary Miles	761.947	Rural Open Roads All Systems	845.151
Secondary Open Miles	753.511	Rural Primary Miles	51.715
Secondary Legal Not Open (LNO) Miles	8.437	Rural Open Surfaced Miles	818.414
Secondary Open Surfaced Miles	727.139	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	26.372	Total Open Rural Miles Unknown Surface Type	0.365
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	612.450	0.996	88.798	24.749	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	295.268
FM Miles Open	295.268
FM Miles LNO	0.000
FM Open Miles Surfaced	295.268
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	0.000
FM in Municipalities Populated Less Than 500	10.911
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	188.462	0.019	85.966	20.675	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	466.680
AS Miles Open	458.243
AS Miles LNO	8.437
AS Open Miles Surfaced	431.871
AS Open Miles Not Surfaced	26.372
Percentage AS Surfaced	92.730
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	26.372	423.988	0.98	2.832	4.074	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# AUDUBON

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## County Miles Summary

Secondary Miles	753.733	Rural Open Roads All Systems	784.663
Secondary Open Miles	743.627	Rural Primary Miles	43.098
Secondary Legal Not Open (LNO) Miles	10.106	Rural Open Surfaced Miles	750.168
Secondary Open Surfaced Miles	709.132	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	34.496	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	94.080	Percentage County Miles FM	36.670

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	34.496	617.587	3.605	49.564	38.376	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	274.159
FM Miles Open	274.159
FM Miles LNO	0.000
FM Open Miles Surfaced	273.660
FM Open Miles Not Surfaced	0.499
Percentage FM Surfaced	99.820
FM Open New/Resurfaced FM Miles 2018	0.000
FM in Municipalities Populated Less Than 500	2.062
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	48.652	38.241	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	479.574
AS Miles Open	469.468
AS Miles LNO	10.106
AS Open Miles Surfaced	435.472
AS Open Miles Not Surfaced	33.997
Percentage AS Surfaced	91.090
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	33.997	431.979	2.45	0.912	0.135	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# BENTON

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## County Miles Summary

Secondary Miles	1,234.750	Rural Open Roads All Systems	1,327.455
Secondary Open Miles	1,232.358	Rural Primary Miles	95.170
Secondary Legal Not Open (LNO) Miles	2.393	Rural Open Surfaced Miles	1,234.111
Secondary Open Surfaced Miles	1,139.205	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	93.153	Total Open Rural Miles Unknown Surface Type	0.191
Percentage Surfaced Secondary Roads	92.260	Percentage County Miles FM	30.390

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	93.153	920.393	9.491	180.366	28.955	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	360.359
FM Miles Open	360.359
FM Miles LNO	0.000
FM Open Miles Surfaced	360.359
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	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	2.066	174.447	28.813	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	874.392
AS Miles Open	871.999
AS Miles LNO	2.393
AS Open Miles Surfaced	778.847
AS Open Miles Not Surfaced	93.153
Percentage AS Surfaced	89.080
AS Open New/Resurfaced AS Miles 2018	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	7.43	5.919	0.142	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# BLACK HAWK

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## County Miles Summary

Secondary Miles	765.531	Rural Open Roads All Systems	846.359
Secondary Open Miles	764.816	Rural Primary Miles	81.234
Secondary Legal Not Open (LNO) Miles	0.715	Rural Open Surfaced Miles	842.732
Secondary Open Surfaced Miles	761.190	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	3.626	Total Open Rural Miles Unknown Surface Type	0.001
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	517.898	16.285	205.562	21.445	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	274.157
FM Miles Open	274.157
FM Miles LNO	0.000
FM Open Miles Surfaced	274.157
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	0.000
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	58.461	1.328	194.319	20.050	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	491.374
AS Miles Open	490.659
AS Miles LNO	0.715
AS Open Miles Surfaced	487.033
AS Open Miles Not Surfaced	3.626
Percentage AS Surfaced	99.120
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	3.626	459.438	14.96	11.243	1.395	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# BOONE

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## County Miles Summary

Secondary Miles	974.708	Rural Open Roads All Systems	1,062.631
Secondary Open Miles	972.082	Rural Primary Miles	85.018
Secondary Legal Not Open (LNO) Miles	2.626	Rural Open Surfaced Miles	1,060.319
Secondary Open Surfaced Miles	969.770	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	2.312	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	99.490	Percentage County Miles FM	32.440

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	2.312	777.745	1.250	59.247	131.529	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	305.090
FM Miles Open	305.090
FM Miles LNO	0.000
FM Open Miles Surfaced	305.090
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	0.000
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	126.874	0.000	52.270	125.946	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	669.619
AS Miles Open	666.993
AS Miles LNO	2.626
AS Open Miles Surfaced	664.681
AS Open Miles Not Surfaced	2.312
Percentage AS Surfaced	99.290
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	2.312	650.871	1.25	6.977	5.583	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# BREMER

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## County Miles Summary

Secondary Miles	714.050	Rural Open Roads All Systems	795.309
Secondary Open Miles	713.211	Rural Primary Miles	80.756
Secondary Legal Not Open (LNO) Miles	0.839	Rural Open Surfaced Miles	791.689
Secondary Open Surfaced Miles	709.594	Total Open New/Resurfaced Rural Miles 2018	4.110
Secondary Open Not Surfaced Miles	3.617	Total Open Rural Miles Unknown Surface Type	0.003
Percentage Surfaced Secondary Roads	99.380	Percentage County Miles FM	28.550

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	3.617	566.592	2.745	128.610	11.647	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	4.110	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	188.490
FM Miles Open	188.490
FM Miles LNO	0.000
FM Open Miles Surfaced	188.490
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	4.110
FM in Municipalities Populated Less Than 500	0.892
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	60.120	0.057	117.358	10.955	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	4.110	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	525.560
AS Miles Open	524.721
AS Miles LNO	0.839
AS Open Miles Surfaced	521.104
AS Open Miles Not Surfaced	3.617
Percentage AS Surfaced	99.150
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	3.617	506.472	2.69	11.252	0.692	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# BUCHANAN

10

## County Miles Summary

Secondary Miles	961.619	Rural Open Roads All Systems	1,030.761
Secondary Open Miles	960.831	Rural Primary Miles	69.890
Secondary Legal Not Open (LNO) Miles	1.019	Rural Open Surfaced Miles	1,006.808
Secondary Open Surfaced Miles	937.078	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	23.754	Total Open Rural Miles Unknown Surface Type	0.200
Percentage Surfaced Secondary Roads	97.390	Percentage County Miles FM	37.640

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	23.754	733.993	0.933	26.538	175.615	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	349.935
FM Miles Open	349.935
FM Miles LNO	0.000
FM Open Miles Surfaced	349.935
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	0.000
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	154.166	0.776	23.733	171.261	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	611.684
AS Miles Open	610.666
AS Miles LNO	1.019
AS Open Miles Surfaced	586.912
AS Open Miles Not Surfaced	23.754
Percentage AS Surfaced	95.950
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	23.754	579.596	0.16	2.805	4.354	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# BUENA VISTA

11

## County Miles Summary

Secondary Miles	1,006.982	Rural Open Roads All Systems	1,089.320
Secondary Open Miles	1,002.905	Rural Primary Miles	87.515
Secondary Legal Not Open (LNO) Miles	4.077	Rural Open Surfaced Miles	1,079.842
Secondary Open Surfaced Miles	993.427	Total Open New/Resurfaced Rural Miles 2018	19.289
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	233.343	12.098	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	19.289	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	331.612
FM Miles Open	331.612
FM Miles LNO	0.000
FM Open Miles Surfaced	331.612
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	19.289
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	227.979	11.423	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	19.289	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 2018	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 2018	0.000	0.000	0.00	0.000	0.000	0.000

# BUTLER

12

## County Miles Summary

Secondary Miles	962.289	Rural Open Roads All Systems	1,033.245
Secondary Open Miles	956.121	Rural Primary Miles	75.121
Secondary Legal Not Open (LNO) Miles	6.168	Rural Open Surfaced Miles	1,020.296
Secondary Open Surfaced Miles	943.490	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	12.631	Total Open Rural Miles Unknown Surface Type	0.232
Percentage Surfaced Secondary Roads	98.050	Percentage County Miles FM	31.810

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	12.631	737.779	0.721	203.389	1.601	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	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 2018	0.000
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 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	668.062
AS Miles Open	661.894
AS Miles LNO	6.168
AS Open Miles Surfaced	649.263
AS Open Miles Not Surfaced	12.631
Percentage AS Surfaced	97.230
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	12.631	640.531	0.72	7.384	0.627	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# CALHOUN

13

## County Miles Summary

Secondary Miles	997.848	Rural Open Roads All Systems	1,073.016
Secondary Open Miles	997.849	Rural Primary Miles	79.260
Secondary Legal Not Open (LNO) Miles	0.000	Rural Open Surfaced Miles	1,067.077
Secondary Open Surfaced Miles	992.248	Total Open New/Resurfaced Rural Miles 2018	0.019
Secondary Open Not Surfaced Miles	5.600	Total Open Rural Miles Unknown Surface Type	0.339
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	100.534	85.851	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.019	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 2018	0.019
FM in Municipalities Populated Less Than 500	4.731
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	97.553	85.851	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.019	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 2018	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 2018	0.000	0.000	0.00	0.000	0.000	0.000

# CARROLL

14

## County Miles Summary

Secondary Miles	1,007.515	Rural Open Roads All Systems	1,063.547
Secondary Open Miles	1,005.077	Rural Primary Miles	63.766
Secondary Legal Not Open (LNO) Miles	2.438	Rural Open Surfaced Miles	1,049.348
Secondary Open Surfaced Miles	990.997	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	14.080	Total Open Rural Miles Unknown Surface Type	0.119
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	793.173	0.477	166.664	30.684	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	373.132
FM Miles Open	373.132
FM Miles LNO	0.000
FM Open Miles Surfaced	373.132
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	0.000
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	160.534	27.407	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	634.384
AS Miles Open	631.946
AS Miles LNO	2.438
AS Open Miles Surfaced	617.866
AS Open Miles Not Surfaced	14.080
Percentage AS Surfaced	97.400
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	14.080	608.388	0.07	6.130	3.277	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# CASS

15

## County Miles Summary

Secondary Miles	898.053	Rural Open Roads All Systems	1,036.533
Secondary Open Miles	896.666	Rural Primary Miles	134.469
Secondary Legal Not Open (LNO) Miles	1.387	Rural Open Surfaced Miles	901.511
Secondary Open Surfaced Miles	762.025	Total Open New/Resurfaced Rural Miles 2018	2.536
Secondary Open Not Surfaced Miles	134.641	Total Open Rural Miles Unknown Surface Type	0.381
Percentage Surfaced Secondary Roads	84.850	Percentage County Miles FM	29.910

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	134.641	648.605	3.440	93.302	16.678	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	2.536	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	264.146
FM Miles Open	264.146
FM Miles LNO	0.000
FM Open Miles Surfaced	264.146
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	2.536
FM in Municipalities Populated Less Than 500	3.724
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	159.137	0.483	88.901	15.625	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	2.536	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	633.908
AS Miles Open	632.521
AS Miles LNO	1.387
AS Open Miles Surfaced	497.880
AS Open Miles Not Surfaced	134.641
Percentage AS Surfaced	78.620
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	134.641	489.469	2.96	4.401	1.053	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# CEDAR

16

## County Miles Summary

Secondary Miles	944.658	Rural Open Roads All Systems	1,020.045
Secondary Open Miles	938.725	Rural Primary Miles	81.685
Secondary Legal Not Open (LNO) Miles	5.933	Rural Open Surfaced Miles	966.913
Secondary Open Surfaced Miles	885.593	Total Open New/Resurfaced Rural Miles 2018	0.043
Secondary Open Not Surfaced Miles	53.133	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	93.750	Percentage County Miles FM	38.640

<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	53.133	747.533	1.354	81.086	55.621	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.043	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	353.617
FM Miles Open	353.617
FM Miles LNO	0.000
FM Open Miles Surfaced	353.071
FM Open Miles Not Surfaced	0.546
Percentage FM Surfaced	99.850
FM Open New/Resurfaced FM Miles 2018	0.000
FM in Municipalities Populated Less Than 500	0.389
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	0.546	229.292	0.394	68.450	54.935	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	591.042
AS Miles Open	585.109
AS Miles LNO	5.933
AS Open Miles Surfaced	532.522
AS Open Miles Not Surfaced	52.587
Percentage AS Surfaced	90.120
AS Open New/Resurfaced AS Miles 2018	0.043
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	52.587	518.241	0.96	12.636	0.686	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.043	0.000	0.000

# CERRO GORDO

17

## County Miles Summary

Secondary Miles	969.010	Rural Open Roads All Systems	1,025.218
Secondary Open Miles	966.366	Rural Primary Miles	62.138
Secondary Legal Not Open (LNO) Miles	2.644	Rural Open Surfaced Miles	1,017.091
Secondary Open Surfaced Miles	958.239	Total Open New/Resurfaced Rural Miles 2018	19.280
Secondary Open Not Surfaced Miles	8.127	Total Open Rural Miles Unknown Surface Type	0.000
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	214.986	50.013	0.000
Total New/Resurfaced Miles 2018	0.000	0.003	0.000	19.277	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 2018	19.334
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 2018	0.000	0.003	0.000	19.277	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	624.122
AS Miles Open	621.478
AS Miles LNO	2.644
AS Open Miles Surfaced	613.351
AS Open Miles Not Surfaced	8.127
Percentage AS Surfaced	98.270
AS Open New/Resurfaced AS Miles 2018	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	13.125	6.960	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# CHEROKEE

18

## County Miles Summary

Secondary Miles	1,004.346	Rural Open Roads All Systems	1,062.276
Secondary Open Miles	997.121	Rural Primary Miles	66.503
Secondary Legal Not Open (LNO) Miles	7.225	Rural Open Surfaced Miles	1,039.808
Secondary Open Surfaced Miles	974.653	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	22.469	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	97.040	Percentage County Miles FM	31.450

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	22.469	757.630	0.000	88.519	128.504	0.000
Total New/Resurfaced Miles 2018	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 2018	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 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	693.280
AS Miles Open	687.053
AS Miles LNO	6.227
AS Open Miles Surfaced	664.585
AS Open Miles Not Surfaced	22.469
Percentage AS Surfaced	95.980
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	22.469	661.796	0.00	2.149	0.640	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# CHICKASAW

19

## County Miles Summary

Secondary Miles	849.626	Rural Open Roads All Systems	910.302
Secondary Open Miles	847.658	Rural Primary Miles	68.446
Secondary Legal Not Open (LNO) Miles	1.968	Rural Open Surfaced Miles	900.877
Secondary Open Surfaced Miles	838.233	Total Open New/Resurfaced Rural Miles 2018	4.027
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	691.682	0.640	99.690	46.222	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	4.027	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 2018	4.027
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 2018	0.000	0.000	0.000	0.000	4.027	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	606.299
AS Miles Open	604.331
AS Miles LNO	1.968
AS Open Miles Surfaced	595.913
AS Open Miles Not Surfaced	8.418
Percentage AS Surfaced	98.290
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	8.418	593.584	0.64	0.800	0.889	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# CLARKE

20

## County Miles Summary

Secondary Miles	660.656	Rural Open Roads All Systems	713.787
Secondary Open Miles	657.022	Rural Primary Miles	57.485
Secondary Legal Not Open (LNO) Miles	3.635	Rural Open Surfaced Miles	649.716
Secondary Open Surfaced Miles	592.978	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	64.044	Total Open Rural Miles Unknown Surface Type	0.027
Percentage Surfaced Secondary Roads	89.590	Percentage County Miles FM	38.580

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	64.044	532.412	4.153	10.464	45.950	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	252.331
FM Miles Open	252.331
FM Miles LNO	0.000
FM Open Miles Surfaced	252.331
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	0.000
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	193.023	4.025	9.368	45.916	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	408.326
AS Miles Open	404.691
AS Miles LNO	3.635
AS Open Miles Surfaced	340.648
AS Open Miles Not Surfaced	64.044
Percentage AS Surfaced	83.180
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	64.044	339.390	0.13	1.096	0.034	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# CLAY

21

## County Miles Summary

Secondary Miles	968.814	Rural Open Roads All Systems	1,021.760
Secondary Open Miles	968.240	Rural Primary Miles	51.894
Secondary Legal Not Open (LNO) Miles	0.574	Rural Open Surfaced Miles	1,018.377
Secondary Open Surfaced Miles	964.857	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	3.383	Total Open Rural Miles Unknown Surface Type	0.000
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	735.595	0.069	161.973	67.221	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	311.898
FM Miles Open	311.898
FM Miles LNO	0.000
FM Open Miles Surfaced	311.898
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	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	156.927	60.758	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	656.916
AS Miles Open	656.342
AS Miles LNO	0.574
AS Open Miles Surfaced	652.959
AS Open Miles Not Surfaced	3.383
Percentage AS Surfaced	99.400
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	3.383	641.381	0.07	5.046	6.463	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# CLAYTON

22

## County Miles Summary

Secondary Miles	1,091.459	Rural Open Roads All Systems	1,173.503
Secondary Open Miles	1,080.560	Rural Primary Miles	102.944
Secondary Legal Not Open (LNO) Miles	11.092	Rural Open Surfaced Miles	1,147.859
Secondary Open Surfaced Miles	1,055.077	Total Open New/Resurfaced Rural Miles 2018	2.054
Secondary Open Not Surfaced Miles	25.290	Total Open Rural Miles Unknown Surface Type	0.354
Percentage Surfaced Secondary Roads	96.650	Percentage County Miles FM	38.920

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	25.290	836.101	26.049	76.501	116.426	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	2.054	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	413.332
FM Miles Open	413.332
FM Miles LNO	0.000
FM Open Miles Surfaced	413.332
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	2.054
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	73.292	111.049	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	2.054	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	678.127
AS Miles Open	667.035
AS Miles LNO	11.092
AS Open Miles Surfaced	641.745
AS Open Miles Not Surfaced	25.290
Percentage AS Surfaced	94.930
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	25.290	623.346	9.81	3.209	5.377	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# CLINTON

23

## County Miles Summary

Secondary Miles	1,005.874	Rural Open Roads All Systems	1,091.966
Secondary Open Miles	1,001.084	Rural Primary Miles	94.228
Secondary Legal Not Open (LNO) Miles	4.790	Rural Open Surfaced Miles	1,088.507
Secondary Open Surfaced Miles	997.633	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	3.451	Total Open Rural Miles Unknown Surface Type	0.008
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	768.058	3.807	190.004	35.764	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	353.233
FM Miles Open	353.233
FM Miles LNO	0.000
FM Open Miles Surfaced	353.233
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	0.000
FM in Municipalities Populated Less Than 500	3.769
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	152.431	2.041	166.547	32.214	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	652.642
AS Miles Open	647.852
AS Miles LNO	4.790
AS Open Miles Surfaced	644.401
AS Open Miles Not Surfaced	3.451
Percentage AS Surfaced	98.780
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	3.451	615.628	1.77	23.457	3.550	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# CRAWFORD

24

## County Miles Summary

Secondary Miles	1,218.869	Rural Open Roads All Systems	1,295.357
Secondary Open Miles	1,206.772	Rural Primary Miles	93.615
Secondary Legal Not Open (LNO) Miles	12.097	Rural Open Surfaced Miles	1,116.246
Secondary Open Surfaced Miles	1,027.402	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	179.371	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	84.290	Percentage County Miles FM	31.780

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	179.371	884.333	3.719	89.088	50.262	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	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 2018	0.000
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 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	835.817
AS Miles Open	823.721
AS Miles LNO	12.097
AS Open Miles Surfaced	646.044
AS Open Miles Not Surfaced	177.677
Percentage AS Surfaced	77.300
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	177.677	639.162	2.16	2.709	2.013	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# DALLAS

25

## County Miles Summary

Secondary Miles	853.536	Rural Open Roads All Systems	928.218
Secondary Open Miles	847.740	Rural Primary Miles	82.666
Secondary Legal Not Open (LNO) Miles	5.797	Rural Open Surfaced Miles	926.312
Secondary Open Surfaced Miles	845.836	Total Open New/Resurfaced Rural Miles 2018	4.978
Secondary Open Not Surfaced Miles	1.903	Total Open Rural Miles Unknown Surface Type	0.003
Percentage Surfaced Secondary Roads	99.100	Percentage County Miles FM	38.860

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	1.903	658.740	2.682	76.059	108.340	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	4.978	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	285.228
FM Miles Open	285.228
FM Miles LNO	0.000
FM Open Miles Surfaced	285.228
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	3.724
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	108.500	0.415	72.481	103.832	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	3.724	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	568.308
AS Miles Open	562.511
AS Miles LNO	5.797
AS Open Miles Surfaced	560.608
AS Open Miles Not Surfaced	1.903
Percentage AS Surfaced	98.830
AS Open New/Resurfaced AS Miles 2018	1.254
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	1.903	550.240	2.27	3.578	4.508	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	1.254	0.000	0.000

# DAVIS

26

## County Miles Summary

Secondary Miles	795.072	Rural Open Roads All Systems	845.545
Secondary Open Miles	794.459	Rural Primary Miles	48.035
Secondary Legal Not Open (LNO) Miles	0.623	Rural Open Surfaced Miles	789.499
Secondary Open Surfaced Miles	738.511	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	55.939	Total Open Rural Miles Unknown Surface Type	0.107
Percentage Surfaced Secondary Roads	92.420	Percentage County Miles FM	34.970

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	55.939	648.012	0.392	82.154	7.953	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	276.684
FM Miles Open	276.684
FM Miles LNO	0.000
FM Open Miles Surfaced	276.684
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	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	190.483	0.392	80.636	5.173	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	518.389
AS Miles Open	517.766
AS Miles LNO	0.623
AS Open Miles Surfaced	461.827
AS Open Miles Not Surfaced	55.939
Percentage AS Surfaced	89.250
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	55.939	457.529	0.00	1.518	2.780	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# DECATUR

27

## County Miles Summary

Secondary Miles	782.823	Rural Open Roads All Systems	843.118
Secondary Open Miles	770.470	Rural Primary Miles	72.712
Secondary Legal Not Open (LNO) Miles	12.354	Rural Open Surfaced Miles	764.392
Secondary Open Surfaced Miles	692.598	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	77.872	Total Open Rural Miles Unknown Surface Type	0.357
Percentage Surfaced Secondary Roads	87.850	Percentage County Miles FM	41.330

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	77.872	567.556	8.857	48.199	67.987	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	322.408
FM Miles Open	322.408
FM Miles LNO	0.000
FM Open Miles Surfaced	322.408
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	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	0.000	199.957	6.933	48.199	67.320	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	460.415
AS Miles Open	448.062
AS Miles LNO	12.354
AS Open Miles Surfaced	370.190
AS Open Miles Not Surfaced	77.872
Percentage AS Surfaced	80.130
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	77.872	367.599	1.92	0.000	0.667	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# DELAWARE

28

## County Miles Summary

Secondary Miles	913.054	Rural Open Roads All Systems	1,001.535
Secondary Open Miles	908.984	Rural Primary Miles	85.390
Secondary Legal Not Open (LNO) Miles	4.075	Rural Open Surfaced Miles	990.800
Secondary Open Surfaced Miles	899.061	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	9.918	Total Open Rural Miles Unknown Surface Type	0.817
Percentage Surfaced Secondary Roads	98.460	Percentage County Miles FM	33.310

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	9.918	662.278	0.271	122.490	114.022	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	293.912
FM Miles Open	293.912
FM Miles LNO	0.000
FM Open Miles Surfaced	293.912
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	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	109.685	105.139	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	619.142
AS Miles Open	615.067
AS Miles LNO	4.075
AS Open Miles Surfaced	605.149
AS Open Miles Not Surfaced	9.918
Percentage AS Surfaced	97.870
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	9.918	583.190	0.27	12.805	8.883	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# DES MOINES

29

## County Miles Summary

Secondary Miles	641.023	Rural Open Roads All Systems	670.757
Secondary Open Miles	637.184	Rural Primary Miles	34.262
Secondary Legal Not Open (LNO) Miles	3.849	Rural Open Surfaced Miles	615.181
Secondary Open Surfaced Miles	581.608	Total Open New/Resurfaced Rural Miles 2018	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	451.391	0.154	87.503	42.560	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	248.559
FM Miles Open	248.559
FM Miles LNO	0.000
FM Open Miles Surfaced	248.559
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	0.000
FM in Municipalities Populated Less Than 500	0.844
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	137.290	0.000	75.816	35.453	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	392.465
AS Miles Open	388.616
AS Miles LNO	3.849
AS Open Miles Surfaced	333.039
AS Open Miles Not Surfaced	55.576
Percentage AS Surfaced	84.960
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.001

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	55.576	314.101	0.15	11.677	7.107	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# DICKINSON

30

## County Miles Summary

Secondary Miles	656.846	Rural Open Roads All Systems	707.458
Secondary Open Miles	653.428	Rural Primary Miles	44.144
Secondary Legal Not Open (LNO) Miles	3.423	Rural Open Surfaced Miles	688.921
Secondary Open Surfaced Miles	635.620	Total Open New/Resurfaced Rural Miles 2018	0.994
Secondary Open Not Surfaced Miles	17.803	Total Open Rural Miles Unknown Surface Type	0.734
Percentage Surfaced Secondary Roads	95.700	Percentage County Miles FM	35.090

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	17.803	449.229	7.244	102.140	77.007	0.000
Total New/Resurfaced Miles 2018	0.000	0.994	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	224.171
FM Miles Open	224.171
FM Miles LNO	0.000
FM Open Miles Surfaced	224.171
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	0.000
FM in Municipalities Populated Less Than 500	0.436
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	86.184	1.950	78.617	57.420	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	432.675
AS Miles Open	429.252
AS Miles LNO	3.423
AS Open Miles Surfaced	411.449
AS Open Miles Not Surfaced	17.803
Percentage AS Surfaced	95.170
AS Open New/Resurfaced AS Miles 2018	0.994
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	17.803	363.045	5.29	23.523	19.587	0.000
AS New/Resurfaced Miles 2018	0.000	0.994	0.00	0.000	0.000	0.000

# DUBUQUE

31

## County Miles Summary

Secondary Miles	780.140	Rural Open Roads All Systems	864.917
Secondary Open Miles	768.439	Rural Primary Miles	99.109
Secondary Legal Not Open (LNO) Miles	11.785	Rural Open Surfaced Miles	859.486
Secondary Open Surfaced Miles	763.102	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	5.253	Total Open Rural Miles Unknown Surface Type	0.178
Percentage Surfaced Secondary Roads	97.810	Percentage County Miles FM	46.170

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	5.253	303.925	211.317	171.757	76.001	0.102
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	321.276
FM Miles Open	321.276
FM Miles LNO	0.000
FM Open Miles Surfaced	321.276
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	0.000
FM in Municipalities Populated Less Than 500	6.056
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	134.746	72.402	0.102
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	458.864
AS Miles Open	447.079
AS Miles LNO	11.785
AS Open Miles Surfaced	441.826
AS Open Miles Not Surfaced	5.253
Percentage AS Surfaced	96.510
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	5.253	276.216	125.00	37.011	3.599	0.000
AS New/Resurfaced Miles 2018	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	701.550
Secondary Open Miles	643.474	Rural Primary Miles	52.185
Secondary Legal Not Open (LNO) Miles	0.850	Rural Open Surfaced Miles	698.166
Secondary Open Surfaced Miles	640.423	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	3.051	Total Open Rural Miles Unknown Surface Type	0.333
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 2018	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 2018	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 2018	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 2018	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 2018	0.000	0.000	0.00	0.000	0.000	0.000

# FAYETTE

33

## County Miles Summary

Secondary Miles	1,148.231	Rural Open Roads All Systems	1,267.461
Secondary Open Miles	1,145.887	Rural Primary Miles	119.237
Secondary Legal Not Open (LNO) Miles	2.344	Rural Open Surfaced Miles	1,266.580
Secondary Open Surfaced Miles	1,145.673	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	0.212	Total Open Rural Miles Unknown Surface Type	0.293
Percentage Surfaced Secondary Roads	99.730	Percentage County Miles FM	32.350

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	0.212	909.496	2.463	141.185	92.529	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	358.282
FM Miles Open	358.282
FM Miles LNO	0.000
FM Open Miles Surfaced	358.282
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	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	139.465	90.671	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	789.949
AS Miles Open	787.605
AS Miles LNO	2.344
AS Open Miles Surfaced	787.391
AS Open Miles Not Surfaced	0.212
Percentage AS Surfaced	99.680
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.002

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	0.212	781.642	2.17	1.720	1.858	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# FLOYD

34

## County Miles Summary

Secondary Miles	891.649	Rural Open Roads All Systems	940.461
Secondary Open Miles	889.033	Rural Primary Miles	56.666
Secondary Legal Not Open (LNO) Miles	2.616	Rural Open Surfaced Miles	939.898
Secondary Open Surfaced Miles	888.470	Total Open New/Resurfaced Rural Miles 2018	6.039
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

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	0.563	711.526	2.459	117.352	57.133	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	4.283	1.756	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	269.938
FM Miles Open	269.938
FM Miles LNO	0.000
FM Open Miles Surfaced	269.938
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	6.093
FM in Municipalities Populated Less Than 500	5.247
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	109.038	0.000	109.364	51.537	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	4.283	1.756	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	621.711
AS Miles Open	619.095
AS Miles LNO	2.616
AS Open Miles Surfaced	618.532
AS Open Miles Not Surfaced	0.563
Percentage AS Surfaced	99.530
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	0.563	602.489	2.46	7.988	5.596	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# FRANKLIN

35

## County Miles Summary

Secondary Miles	1,011.600	Rural Open Roads All Systems	1,073.661
Secondary Open Miles	1,009.458	Rural Primary Miles	69.869
Secondary Legal Not Open (LNO) Miles	2.142	Rural Open Surfaced Miles	1,049.665
Secondary Open Surfaced Miles	986.304	Total Open New/Resurfaced Rural Miles 2018	12.207
Secondary Open Not Surfaced Miles	23.154	Total Open Rural Miles Unknown Surface Type	0.842
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	177.010	45.043	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	12.207	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	371.883
FM Miles Open	371.883
FM Miles LNO	0.000
FM Open Miles Surfaced	371.883
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	12.207
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	167.131	43.376	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	12.207	0.000	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 2018	0.000
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 2018	0.000	0.000	0.00	0.000	0.000	0.000

# FREMONT

36

## County Miles Summary

Secondary Miles	783.446	Rural Open Roads All Systems	876.498
Secondary Open Miles	779.640	Rural Primary Miles	88.600
Secondary Legal Not Open (LNO) Miles	4.231	Rural Open Surfaced Miles	741.183
Secondary Open Surfaced Miles	644.637	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	134.579	Total Open Rural Miles Unknown Surface Type	0.736
Percentage Surfaced Secondary Roads	81.450	Percentage County Miles FM	36.600

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	134.579	440.685	97.258	69.187	37.507	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	287.105
FM Miles Open	287.105
FM Miles LNO	0.000
FM Open Miles Surfaced	285.933
FM Open Miles Not Surfaced	1.172
Percentage FM Surfaced	99.590
FM Open New/Resurfaced FM Miles 2018	0.000
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	90.009	95.216	65.789	34.919	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	496.342
AS Miles Open	492.111
AS Miles LNO	4.231
AS Open Miles Surfaced	358.704
AS Open Miles Not Surfaced	133.407
Percentage AS Surfaced	71.960
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	133.407	350.676	2.04	3.398	2.589	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# GREENE

37

## County Miles Summary

Secondary Miles	962.765	Rural Open Roads All Systems	1,028.949
Secondary Open Miles	958.372	Rural Primary Miles	75.887
Secondary Legal Not Open (LNO) Miles	4.583	Rural Open Surfaced Miles	1,023.861
Secondary Open Surfaced Miles	953.285	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	4.898	Total Open Rural Miles Unknown Surface Type	0.190
Percentage Surfaced Secondary Roads	99.000	Percentage County Miles FM	34.370

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	4.898	740.101	0.046	41.233	171.905	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	321.521
FM Miles Open	321.521
FM Miles LNO	0.000
FM Open Miles Surfaced	321.521
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	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	41.167	171.093	0.000
FM New/Resurfaced Miles 2018	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 2018	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 2018	0.000	0.000	0.00	0.000	0.000	0.000

# GRUNDY

38

## County Miles Summary

Secondary Miles	829.342	Rural Open Roads All Systems	901.168
Secondary Open Miles	829.056	Rural Primary Miles	73.554
Secondary Legal Not Open (LNO) Miles	0.288	Rural Open Surfaced Miles	894.416
Secondary Open Surfaced Miles	822.304	Total Open New/Resurfaced Rural Miles 2018	9.236
Secondary Open Not Surfaced Miles	6.750	Total Open Rural Miles Unknown Surface Type	0.002
Percentage Surfaced Secondary Roads	99.150	Percentage County Miles FM	35.080

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	6.750	632.273	1.521	178.565	9.946	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	9.236	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 2018	9.488
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 2018	0.000	0.000	0.000	9.133	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	545.923
AS Miles Open	545.635
AS Miles LNO	0.288
AS Open Miles Surfaced	538.885
AS Open Miles Not Surfaced	6.750
Percentage AS Surfaced	98.710
AS Open New/Resurfaced AS Miles 2018	0.103
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	6.750	537.105	0.36	0.794	0.627	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.103	0.000	0.000

# GUTHRIE

39

## County Miles Summary

Secondary Miles	954.909	Rural Open Roads All Systems	1,027.762
Secondary Open Miles	947.056	Rural Primary Miles	78.081
Secondary Legal Not Open (LNO) Miles	7.856	Rural Open Surfaced Miles	961.303
Secondary Open Surfaced Miles	880.848	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	66.205	Total Open Rural Miles Unknown Surface Type	0.130
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	735.402	0.566	54.922	89.959	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	308.030
FM Miles Open	308.030
FM Miles LNO	0.000
FM Open Miles Surfaced	308.030
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	0.000
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	82.387	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	646.879
AS Miles Open	639.023
AS Miles LNO	7.856
AS Open Miles Surfaced	572.818
AS Open Miles Not Surfaced	66.205
Percentage AS Surfaced	88.570
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	66.205	564.231	0.49	0.521	7.572	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# HAMILTON

40

## County Miles Summary

Secondary Miles	931.925	Rural Open Roads All Systems	1,041.371
Secondary Open Miles	931.127	Rural Primary Miles	112.539
Secondary Legal Not Open (LNO) Miles	0.798	Rural Open Surfaced Miles	1,039.630
Secondary Open Surfaced Miles	929.386	Total Open New/Resurfaced Rural Miles 2018	8.374
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	38.060

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	1.741	712.414	0.000	185.443	31.529	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	8.374	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	342.017
FM Miles Open	342.017
FM Miles LNO	0.000
FM Open Miles Surfaced	342.017
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	8.711
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	182.377	31.517	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	8.374	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	589.909
AS Miles Open	589.111
AS Miles LNO	0.798
AS Open Miles Surfaced	587.370
AS Open Miles Not Surfaced	1.741
Percentage AS Surfaced	99.570
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	1.741	584.292	0.00	3.066	0.012	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# HANCOCK

41

## County Miles Summary

Secondary Miles	1,012.795	Rural Open Roads All Systems	1,060.048
Secondary Open Miles	1,010.256	Rural Primary Miles	49.892
Secondary Legal Not Open (LNO) Miles	2.539	Rural Open Surfaced Miles	1,055.459
Secondary Open Surfaced Miles	1,005.745	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	4.511	Total Open Rural Miles Unknown Surface Type	0.078
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	752.061	0.520	221.023	32.141	0.000
Total New/Resurfaced Miles 2018	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 2018	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 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	695.878
AS Miles Open	693.339
AS Miles LNO	2.539
AS Open Miles Surfaced	688.828
AS Open Miles Not Surfaced	4.511
Percentage AS Surfaced	98.990
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	4.511	677.750	0.52	9.079	1.479	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# HARDIN

42

## County Miles Summary

Secondary Miles	1,005.908	Rural Open Roads All Systems	1,066.742
Secondary Open Miles	1,002.654	Rural Primary Miles	70.342
Secondary Legal Not Open (LNO) Miles	3.254	Rural Open Surfaced Miles	1,062.415
Secondary Open Surfaced Miles	998.327	Total Open New/Resurfaced Rural Miles 2018	2.985
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	41.030

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	4.327	776.767	3.709	190.335	27.517	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	2.985	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	394.485
FM Miles Open	394.485
FM Miles LNO	0.000
FM Open Miles Surfaced	394.485
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	2.985
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	178.510	2.214	186.251	27.509	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	2.985	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	611.423
AS Miles Open	608.169
AS Miles LNO	3.254
AS Open Miles Surfaced	603.842
AS Open Miles Not Surfaced	4.327
Percentage AS Surfaced	98.910
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	4.327	598.256	1.50	4.084	0.007	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# HARRISON

43

## County Miles Summary

Secondary Miles	1,108.754	Rural Open Roads All Systems	1,192.809
Secondary Open Miles	1,088.311	Rural Primary Miles	104.042
Secondary Legal Not Open (LNO) Miles	20.682	Rural Open Surfaced Miles	1,055.121
Secondary Open Surfaced Miles	950.623	Total Open New/Resurfaced Rural Miles 2018	13.955
Secondary Open Not Surfaced Miles	137.450	Total Open Rural Miles Unknown Surface Type	0.238
Percentage Surfaced Secondary Roads	85.640	Percentage County Miles FM	33.380

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	137.450	785.443	52.425	77.815	34.940	0.000
Total New/Resurfaced Miles 2018	0.000	0.584	4.639	8.732	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 2018	13.371
FM in Municipalities Populated Less Than 500	6.759
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	76.525	34.881	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	4.639	8.732	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	742.060
AS Miles Open	721.378
AS Miles LNO	20.682
AS Open Miles Surfaced	584.979
AS Open Miles Not Surfaced	136.400
Percentage AS Surfaced	79.040
AS Open New/Resurfaced AS Miles 2018	0.584
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	136.400	577.642	5.99	1.290	0.059	0.000
AS New/Resurfaced Miles 2018	0.000	0.584	0.00	0.000	0.000	0.000

# HENRY

44

## County Miles Summary

Secondary Miles	749.607	Rural Open Roads All Systems	811.956
Secondary Open Miles	746.235	Rural Primary Miles	63.093
Secondary Legal Not Open (LNO) Miles	3.372	Rural Open Surfaced Miles	743.795
Secondary Open Surfaced Miles	678.532	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	67.702	Total Open Rural Miles Unknown Surface Type	0.459
Percentage Surfaced Secondary Roads	90.510	Percentage County Miles FM	38.010

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	67.702	541.272	3.706	85.593	47.589	0.372
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	276.573
FM Miles Open	276.573
FM Miles LNO	0.000
FM Open Miles Surfaced	276.573
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	0.000
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	156.253	0.145	77.745	42.430	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	473.034
AS Miles Open	469.662
AS Miles LNO	3.372
AS Open Miles Surfaced	401.960
AS Open Miles Not Surfaced	67.702
Percentage AS Surfaced	85.070
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.001

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	67.702	385.020	3.56	7.848	5.159	0.372
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# HOWARD

45

## County Miles Summary

Secondary Miles	755.306	Rural Open Roads All Systems	795.090
Secondary Open Miles	754.110	Rural Primary Miles	42.950
Secondary Legal Not Open (LNO) Miles	1.196	Rural Open Surfaced Miles	793.365
Secondary Open Surfaced Miles	752.385	Total Open New/Resurfaced Rural Miles 2018	10.998
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	95.677	29.236	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	10.998	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	240.751
FM Miles Open	240.751
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 2018	10.998
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	94.172	28.691	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	10.998	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 2018	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 2018	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	755.898
Secondary Open Miles	720.880	Rural Primary Miles	43.416
Secondary Legal Not Open (LNO) Miles	0.622	Rural Open Surfaced Miles	755.217
Secondary Open Surfaced Miles	720.229	Total Open New/Resurfaced Rural Miles 2018	10.975
Secondary Open Not Surfaced Miles	0.650	Total Open Rural Miles Unknown Surface Type	0.031
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	516.931	0.248	158.798	44.252	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	10.975	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	210.272
FM Miles Open	210.272
FM Miles LNO	0.000
FM Open Miles Surfaced	210.272
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	10.975
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	145.619	44.252	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	10.975	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	511.228
AS Miles Open	510.606
AS Miles LNO	0.622
AS Open Miles Surfaced	509.957
AS Open Miles Not Surfaced	0.650
Percentage AS Surfaced	99.750
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	0.650	496.530	0.25	13.179	0.000	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# IDA

47

## County Miles Summary

Secondary Miles	731.465	Rural Open Roads All Systems	784.626
Secondary Open Miles	723.500	Rural Primary Miles	62.741
Secondary Legal Not Open (LNO) Miles	8.835	Rural Open Surfaced Miles	735.550
Secondary Open Surfaced Miles	674.423	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	48.208	Total Open Rural Miles Unknown Surface Type	0.869
Percentage Surfaced Secondary Roads	92.090	Percentage County Miles FM	31.030

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	48.208	549.748	0.000	72.669	52.007	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	225.578
FM Miles Open	225.578
FM Miles LNO	0.000
FM Open Miles Surfaced	225.578
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	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	105.297	0.000	72.521	47.760	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	505.888
AS Miles Open	497.053
AS Miles LNO	8.835
AS Open Miles Surfaced	448.846
AS Open Miles Not Surfaced	48.208
Percentage AS Surfaced	88.930
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	48.208	444.451	0.00	0.148	4.247	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# IOWA

48

## County Miles Summary

Secondary Miles	934.244	Rural Open Roads All Systems	1,025.507
Secondary Open Miles	926.733	Rural Primary Miles	98.601
Secondary Legal Not Open (LNO) Miles	7.511	Rural Open Surfaced Miles	954.269
Secondary Open Surfaced Miles	855.495	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	71.238	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	91.570	Percentage County Miles FM	38.570

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	71.238	698.132	6.517	72.555	78.292	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	354.493
FM Miles Open	354.493
FM Miles LNO	0.000
FM Open Miles Surfaced	354.107
FM Open Miles Not Surfaced	0.386
Percentage FM Surfaced	99.890
FM Open New/Resurfaced FM Miles 2018	0.000
FM in Municipalities Populated Less Than 500	1.231
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.386	207.236	5.276	69.376	72.220	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	579.751
AS Miles Open	572.240
AS Miles LNO	7.511
AS Open Miles Surfaced	501.388
AS Open Miles Not Surfaced	70.852
Percentage AS Surfaced	86.480
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	70.852	490.896	1.24	3.179	6.072	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# JACKSON

49

## County Miles Summary

Secondary Miles	846.619	Rural Open Roads All Systems	941.783
Secondary Open Miles	840.566	Rural Primary Miles	101.611
Secondary Legal Not Open (LNO) Miles	6.053	Rural Open Surfaced Miles	904.618
Secondary Open Surfaced Miles	803.978	Total Open New/Resurfaced Rural Miles 2018	3.357
Secondary Open Not Surfaced Miles	36.588	Total Open Rural Miles Unknown Surface Type	0.551
Percentage Surfaced Secondary Roads	94.960	Percentage County Miles FM	40.900

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	36.588	595.299	5.901	58.185	144.593	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	3.357	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 2018	3.357
FM in Municipalities Populated Less Than 500	8.630
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	1.418	150.749	1.856	50.034	137.413	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	3.357	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	505.149
AS Miles Open	499.096
AS Miles LNO	6.053
AS Open Miles Surfaced	463.926
AS Open Miles Not Surfaced	35.170
Percentage AS Surfaced	91.910
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	35.170	444.550	4.05	8.151	7.180	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# JASPER

50

## County Miles Summary

Secondary Miles	1,228.879	Rural Open Roads All Systems	1,349.313
Secondary Open Miles	1,217.709	Rural Primary Miles	120.295
Secondary Legal Not Open (LNO) Miles	11.246	Rural Open Surfaced Miles	1,301.861
Secondary Open Surfaced Miles	1,170.638	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	46.995	Total Open Rural Miles Unknown Surface Type	0.457
Percentage Surfaced Secondary Roads	95.250	Percentage County Miles FM	34.370

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	46.995	926.318	2.197	180.118	62.006	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	410.809
FM Miles Open	410.809
FM Miles LNO	0.000
FM Open Miles Surfaced	410.809
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	0.000
FM in Municipalities Populated Less Than 500	3.801
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	205.586	0.355	149.025	55.843	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	818.070
AS Miles Open	806.824
AS Miles LNO	11.246
AS Open Miles Surfaced	759.829
AS Open Miles Not Surfaced	46.995
Percentage AS Surfaced	92.890
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	46.995	720.732	1.84	31.093	6.163	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# JEFFERSON

51

## County Miles Summary

Secondary Miles	762.601	Rural Open Roads All Systems	796.526
Secondary Open Miles	760.213	Rural Primary Miles	44.158
Secondary Legal Not Open (LNO) Miles	2.388	Rural Open Surfaced Miles	699.543
Secondary Open Surfaced Miles	663.231	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	96.983	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	96.983	521.036	2.992	78.576	60.627	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	290.972
FM Miles Open	290.972
FM Miles LNO	0.000
FM Open Miles Surfaced	290.972
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	0.000
FM in Municipalities Populated Less Than 500	7.845
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	157.467	1.347	72.703	59.456	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	471.629
AS Miles Open	469.241
AS Miles LNO	2.388
AS Open Miles Surfaced	372.259
AS Open Miles Not Surfaced	96.983
Percentage AS Surfaced	79.120
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	96.983	363.570	1.65	5.873	1.171	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# JOHNSON

52

## County Miles Summary

Secondary Miles	918.315	Rural Open Roads All Systems	1,028.281
Secondary Open Miles	915.926	Rural Primary Miles	80.935
Secondary Legal Not Open (LNO) Miles	2.389	Rural Open Surfaced Miles	986.145
Secondary Open Surfaced Miles	875.092	Total Open New/Resurfaced Rural Miles 2018	1.498
Secondary Open Not Surfaced Miles	40.835	Total Open Rural Miles Unknown Surface Type	1.302
Percentage Surfaced Secondary Roads	95.290	Percentage County Miles FM	38.440

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	40.835	581.775	121.343	129.234	42.740	0.000
Total New/Resurfaced Miles 2018	0.000	0.493	0.000	0.000	1.005	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	316.141
FM Miles Open	316.141
FM Miles LNO	0.000
FM Open Miles Surfaced	316.141
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	1.005
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	88.408	120.952	37.789	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	1.005	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	602.174
AS Miles Open	599.785
AS Miles LNO	2.389
AS Open Miles Surfaced	558.951
AS Open Miles Not Surfaced	40.835
Percentage AS Surfaced	92.920
AS Open New/Resurfaced AS Miles 2018	0.493
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	40.835	512.783	32.94	8.282	4.951	0.000
AS New/Resurfaced Miles 2018	0.000	0.493	0.00	0.000	0.000	0.000

# JONES

53

## County Miles Summary

Secondary Miles	843.687	Rural Open Roads All Systems	944.956
Secondary Open Miles	840.779	Rural Primary Miles	96.233
Secondary Legal Not Open (LNO) Miles	2.949	Rural Open Surfaced Miles	917.811
Secondary Open Surfaced Miles	813.634	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	27.112	Total Open Rural Miles Unknown Surface Type	0.033
Percentage Surfaced Secondary Roads	96.420	Percentage County Miles FM	37.690

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	27.112	651.637	2.517	19.892	139.588	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	310.585
FM Miles Open	310.585
FM Miles LNO	0.000
FM Open Miles Surfaced	308.891
FM Open Miles Not Surfaced	1.694
Percentage FM Surfaced	99.450
FM Open New/Resurfaced FM Miles 2018	0.000
FM in Municipalities Populated Less Than 500	1.841
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	1.694	165.049	0.000	7.705	136.137	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	533.102
AS Miles Open	530.153
AS Miles LNO	2.949
AS Open Miles Surfaced	504.736
AS Open Miles Not Surfaced	25.418
Percentage AS Surfaced	94.790
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	25.418	486.588	2.52	12.187	3.444	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# KEOKUK

54

## County Miles Summary

Secondary Miles	922.229	Rural Open Roads All Systems	1,023.656
Secondary Open Miles	919.055	Rural Primary Miles	110.843
Secondary Legal Not Open (LNO) Miles	3.174	Rural Open Surfaced Miles	928.491
Secondary Open Surfaced Miles	824.282	Total Open New/Resurfaced Rural Miles 2018	5.447
Secondary Open Not Surfaced Miles	94.773	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	89.380	Percentage County Miles FM	35.970

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	94.773	720.650	0.847	9.834	92.951	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	5.447	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	326.605
FM Miles Open	326.605
FM Miles LNO	0.000
FM Open Miles Surfaced	326.605
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	5.447
FM in Municipalities Populated Less Than 500	6.812
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	224.806	0.248	9.813	91.738	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	5.447	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	595.624
AS Miles Open	592.450
AS Miles LNO	3.174
AS Open Miles Surfaced	497.677
AS Open Miles Not Surfaced	94.773
Percentage AS Surfaced	83.570
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	94.773	495.844	0.60	0.021	1.213	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# KOSSUTH

55

## County Miles Summary

Secondary Miles	1,648.919	Rural Open Roads All Systems	1,760.378
Secondary Open Miles	1,647.601	Rural Primary Miles	110.713
Secondary Legal Not Open (LNO) Miles	1.318	Rural Open Surfaced Miles	1,728.791
Secondary Open Surfaced Miles	1,618.043	Total Open New/Resurfaced Rural Miles 2018	25.496
Secondary Open Not Surfaced Miles	29.559	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	97.390	Percentage County Miles FM	30.920

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	29.559	1,104.472	0.229	511.233	2.109	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	25.496	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	509.057
FM Miles Open	509.057
FM Miles LNO	0.000
FM Open Miles Surfaced	509.057
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	25.337
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	492.564	1.276	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	25.337	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	1,139.862
AS Miles Open	1,138.544
AS Miles LNO	1.318
AS Open Miles Surfaced	1,108.986
AS Open Miles Not Surfaced	29.559
Percentage AS Surfaced	97.320
AS Open New/Resurfaced AS Miles 2018	0.159
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	29.559	1,089.322	0.16	18.669	0.833	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.159	0.000	0.000

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

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Secondary Miles	737.225	Rural Open Roads All Systems	847.419
Secondary Open Miles	734.677	Rural Primary Miles	106.168
Secondary Legal Not Open (LNO) Miles	2.551	Rural Open Surfaced Miles	836.807
Secondary Open Surfaced Miles	724.831	Total Open New/Resurfaced Rural Miles 2018	0.354
Secondary Open Not Surfaced Miles	9.846	Total Open Rural Miles Unknown Surface Type	0.450
Percentage Surfaced Secondary Roads	98.320	Percentage County Miles FM	40.080

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<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	525.857	26.349	92.277	80.349	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.354	0.000

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

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Total FM Miles	280.088
FM Miles Open	280.088
FM Miles LNO	0.000
FM Open Miles Surfaced	280.088
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	0.354
FM in Municipalities Populated Less Than 500	1.657
Fm Open Miles Unknown Surface Type	0.000

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<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	130.397	11.129	70.295	68.267	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.354	0.000

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**AREA SERVICE (AS) SUMMARY**

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Total AS Miles	457.138
AS Miles Open	454.587
AS Miles LNO	2.551
AS Open Miles Surfaced	444.741
AS Open Miles Not Surfaced	9.846
Percentage AS Surfaced	97.290
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

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<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	395.457	15.22	21.982	12.082	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# LINN

57

## County Miles Summary

Secondary Miles	1,130.148	Rural Open Roads All Systems	1,220.506
Secondary Open Miles	1,125.623	Rural Primary Miles	82.575
Secondary Legal Not Open (LNO) Miles	4.954	Rural Open Surfaced Miles	1,206.520
Secondary Open Surfaced Miles	1,113.700	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	11.492	Total Open Rural Miles Unknown Surface Type	2.494
Percentage Surfaced Secondary Roads	98.290	Percentage County Miles FM	37.810

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	11.492	741.675	103.240	104.672	164.114	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	328.476
FM Miles Open	328.476
FM Miles LNO	0.000
FM Open Miles Surfaced	328.126
FM Open Miles Not Surfaced	0.350
Percentage FM Surfaced	99.890
FM Open New/Resurfaced FM Miles 2018	0.000
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	46.109	81.047	146.577	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	801.672
AS Miles Open	796.718
AS Miles LNO	4.954
AS Open Miles Surfaced	785.574
AS Open Miles Not Surfaced	11.142
Percentage AS Surfaced	97.770
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.002

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	11.142	687.282	57.13	23.625	17.537	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# LOUISA

58

## County Miles Summary

Secondary Miles	598.134	Rural Open Roads All Systems	642.695
Secondary Open Miles	596.174	Rural Primary Miles	44.379
Secondary Legal Not Open (LNO) Miles	1.960	Rural Open Surfaced Miles	605.291
Secondary Open Surfaced Miles	558.770	Total Open New/Resurfaced Rural Miles 2018	2.539
Secondary Open Not Surfaced Miles	37.405	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	93.420	Percentage County Miles FM	34.980

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	37.405	409.851	1.714	36.129	111.076	0.000
Total New/Resurfaced Miles 2018	0.000	2.048	0.491	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	203.357
FM Miles Open	203.357
FM Miles LNO	0.000
FM Open Miles Surfaced	203.357
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	0.000
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	68.349	0.261	27.776	106.971	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	394.777
AS Miles Open	392.817
AS Miles LNO	1.960
AS Open Miles Surfaced	355.413
AS Open Miles Not Surfaced	37.405
Percentage AS Surfaced	90.030
AS Open New/Resurfaced AS Miles 2018	2.539
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	37.405	341.501	1.45	8.353	4.105	0.000
AS New/Resurfaced Miles 2018	0.000	2.048	0.49	0.000	0.000	0.000

# LUCAS

59

## County Miles Summary

Secondary Miles	635.816	Rural Open Roads All Systems	704.214
Secondary Open Miles	631.454	Rural Primary Miles	59.859
Secondary Legal Not Open (LNO) Miles	4.516	Rural Open Surfaced Miles	614.124
Secondary Open Surfaced Miles	544.966	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	86.334	Total Open Rural Miles Unknown Surface Type	0.907
Percentage Surfaced Secondary Roads	85.690	Percentage County Miles FM	35.200

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	86.334	492.722	0.070	26.844	25.330	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	214.969
FM Miles Open	214.969
FM Miles LNO	0.000
FM Open Miles Surfaced	214.969
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	0.000
FM in Municipalities Populated Less Than 500	2.240
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	163.578	0.070	26.844	24.477	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	420.847
AS Miles Open	416.331
AS Miles LNO	4.516
AS Open Miles Surfaced	329.997
AS Open Miles Not Surfaced	86.334
Percentage AS Surfaced	78.410
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	86.334	329.144	0.00	0.000	0.853	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# LYON

60

## County Miles Summary

Secondary Miles	1,009.793	Rural Open Roads All Systems	1,070.264
Secondary Open Miles	1,008.129	Rural Primary Miles	64.609
Secondary Legal Not Open (LNO) Miles	1.664	Rural Open Surfaced Miles	1,066.658
Secondary Open Surfaced Miles	1,004.523	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	3.606	Total Open Rural Miles Unknown Surface Type	0.000
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	753.853	0.000	245.855	4.815	0.000
Total New/Resurfaced Miles 2018	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 2018	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 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	681.508
AS Miles Open	679.844
AS Miles LNO	1.664
AS Open Miles Surfaced	676.238
AS Open Miles Not Surfaced	3.606
Percentage AS Surfaced	99.260
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	3.606	664.926	0.00	11.312	0.000	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# MADISON

61

## County Miles Summary

Secondary Miles	914.707	Rural Open Roads All Systems	952.993
Secondary Open Miles	906.367	Rural Primary Miles	49.369
Secondary Legal Not Open (LNO) Miles	8.402	Rural Open Surfaced Miles	911.024
Secondary Open Surfaced Miles	864.640	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	41.666	Total Open Rural Miles Unknown Surface Type	0.304
Percentage Surfaced Secondary Roads	94.500	Percentage County Miles FM	36.490

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	41.666	744.652	7.528	69.264	43.197	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	327.959
FM Miles Open	327.959
FM Miles LNO	0.000
FM Open Miles Surfaced	327.959
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	0.000
FM in Municipalities Populated Less Than 500	6.937
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	208.420	7.528	68.945	43.067	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	586.748
AS Miles Open	578.346
AS Miles LNO	8.402
AS Open Miles Surfaced	536.681
AS Open Miles Not Surfaced	41.666
Percentage AS Surfaced	91.490
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	41.666	536.232	0.00	0.319	0.130	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# MAHASKA

62

## County Miles Summary

Secondary Miles	988.999	Rural Open Roads All Systems	1,047.620
Secondary Open Miles	969.763	Rural Primary Miles	76.864
Secondary Legal Not Open (LNO) Miles	19.240	Rural Open Surfaced Miles	1,018.985
Secondary Open Surfaced Miles	941.410	Total Open New/Resurfaced Rural Miles 2018	8.417
Secondary Open Not Surfaced Miles	28.344	Total Open Rural Miles Unknown Surface Type	0.291
Percentage Surfaced Secondary Roads	95.180	Percentage County Miles FM	31.140

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	28.344	813.730	0.051	55.287	72.343	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	2.543	5.874	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	306.717
FM Miles Open	306.149
FM Miles LNO	0.568
FM Open Miles Surfaced	306.144
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	99.870
FM Open New/Resurfaced FM Miles 2018	8.417
FM in Municipalities Populated Less Than 500	4.600
Fm Open Miles Unknown Surface Type	0.005

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	191.094	0.000	53.161	61.889	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	2.543	5.874	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	682.282
AS Miles Open	663.611
AS Miles LNO	18.672
AS Open Miles Surfaced	635.267
AS Open Miles Not Surfaced	28.344
Percentage AS Surfaced	93.370
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	28.344	622.636	0.05	2.126	10.454	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# MARION

63

## County Miles Summary

Secondary Miles	865.682	Rural Open Roads All Systems	960.181
Secondary Open Miles	852.902	Rural Primary Miles	78.225
Secondary Legal Not Open (LNO) Miles	12.780	Rural Open Surfaced Miles	925.217
Secondary Open Surfaced Miles	820.060	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	32.842	Total Open Rural Miles Unknown Surface Type	1.316
Percentage Surfaced Secondary Roads	94.630	Percentage County Miles FM	38.600

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	32.842	653.409	26.252	85.454	54.945	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	315.185
FM Miles Open	315.185
FM Miles LNO	0.000
FM Open Miles Surfaced	315.185
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	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	189.924	6.017	76.659	42.585	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	550.498
AS Miles Open	537.718
AS Miles LNO	12.780
AS Open Miles Surfaced	504.876
AS Open Miles Not Surfaced	32.842
Percentage AS Surfaced	91.910
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	32.842	463.486	20.24	8.795	12.360	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# MARSHALL

64

## County Miles Summary

Secondary Miles	940.091	Rural Open Roads All Systems	1,010.451
Secondary Open Miles	935.231	Rural Primary Miles	82.508
Secondary Legal Not Open (LNO) Miles	4.860	Rural Open Surfaced Miles	991.652
Secondary Open Surfaced Miles	916.432	Total Open New/Resurfaced Rural Miles 2018	8.697
Secondary Open Not Surfaced Miles	18.799	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	97.480	Percentage County Miles FM	36.570

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	18.799	710.698	1.575	184.637	19.523	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	8.697	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	320.460
FM Miles Open	320.432
FM Miles LNO	0.028
FM Open Miles Surfaced	320.432
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	99.990
FM Open New/Resurfaced FM Miles 2018	8.697
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	173.912	15.867	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	8.697	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	619.631
AS Miles Open	614.799
AS Miles LNO	4.832
AS Open Miles Surfaced	596.000
AS Open Miles Not Surfaced	18.799
Percentage AS Surfaced	96.260
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	18.799	580.293	1.33	10.725	3.656	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# MILLS

65

## County Miles Summary

Secondary Miles	687.988	Rural Open Roads All Systems	757.989
Secondary Open Miles	687.689	Rural Primary Miles	72.259
Secondary Legal Not Open (LNO) Miles	0.309	Rural Open Surfaced Miles	687.271
Secondary Open Surfaced Miles	617.502	Total Open New/Resurfaced Rural Miles 2018	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

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	70.178	441.626	82.264	45.303	48.227	0.083
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	249.200
FM Miles Open	249.200
FM Miles LNO	0.000
FM Open Miles Surfaced	249.200
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	0.000
FM in Municipalities Populated Less Than 500	3.591
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	95.249	75.132	35.107	43.629	0.083
FM New/Resurfaced Miles 2018	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 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	70.178	346.377	7.13	10.196	4.598	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# MITCHELL

66

## County Miles Summary

Secondary Miles	789.237	Rural Open Roads All Systems	831.012
Secondary Open Miles	785.636	Rural Primary Miles	50.400
Secondary Legal Not Open (LNO) Miles	3.601	Rural Open Surfaced Miles	826.747
Secondary Open Surfaced Miles	781.371	Total Open New/Resurfaced Rural Miles 2018	13.307
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	31.200

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	4.263	577.466	0.801	82.453	120.652	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	8.218	5.089	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	246.551
FM Miles Open	246.270
FM Miles LNO	0.281
FM Open Miles Surfaced	246.268
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	12.573
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	61.784	0.000	70.585	113.900	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	7.484	5.089	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	542.686
AS Miles Open	539.366
AS Miles LNO	3.320
AS Open Miles Surfaced	535.103
AS Open Miles Not Surfaced	4.263
Percentage AS Surfaced	98.700
AS Open New/Resurfaced AS Miles 2018	0.734
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	4.263	515.682	0.80	11.868	6.752	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.734	0.000	0.000

# MONONA

67

## County Miles Summary

Secondary Miles	1,063.889	Rural Open Roads All Systems	1,167.724
Secondary Open Miles	1,056.204	Rural Primary Miles	104.069
Secondary Legal Not Open (LNO) Miles	7.693	Rural Open Surfaced Miles	1,076.171
Secondary Open Surfaced Miles	964.932	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	91.265	Total Open Rural Miles Unknown Surface Type	0.288
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	769.388	1.225	111.867	82.452	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	353.940
FM Miles Open	353.940
FM Miles LNO	0.000
FM Open Miles Surfaced	353.940
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	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	110.485	81.787	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	709.949
AS Miles Open	702.257
AS Miles LNO	7.693
AS Open Miles Surfaced	610.992
AS Open Miles Not Surfaced	91.265
Percentage AS Surfaced	86.090
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	91.265	608.301	0.64	1.382	0.665	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# MONROE

68

## County Miles Summary

Secondary Miles	614.849	Rural Open Roads All Systems	644.901
Secondary Open Miles	592.096	Rural Primary Miles	52.662
Secondary Legal Not Open (LNO) Miles	22.753	Rural Open Surfaced Miles	606.196
Secondary Open Surfaced Miles	553.391	Total Open New/Resurfaced Rural Miles 2018	2.683
Secondary Open Not Surfaced Miles	38.706	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	90.000	Percentage County Miles FM	45.180

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	38.706	494.022	0.050	10.772	48.547	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	2.683	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	274.080
FM Miles Open	274.080
FM Miles LNO	0.000
FM Open Miles Surfaced	274.080
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	2.683
FM in Municipalities Populated Less Than 500	1.197
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	225.862	0.000	9.673	38.545	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	2.683	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	340.770
AS Miles Open	318.017
AS Miles LNO	22.753
AS Open Miles Surfaced	279.311
AS Open Miles Not Surfaced	38.706
Percentage AS Surfaced	82.090
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	38.706	268.160	0.05	1.099	10.002	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# MONTGOMERY

69

## County Miles Summary

Secondary Miles	718.996	Rural Open Roads All Systems	778.719
Secondary Open Miles	715.011	Rural Primary Miles	60.428
Secondary Legal Not Open (LNO) Miles	3.985	Rural Open Surfaced Miles	678.679
Secondary Open Surfaced Miles	615.733	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	99.279	Total Open Rural Miles Unknown Surface Type	0.762
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	507.341	1.920	58.338	48.134	0.000
Total New/Resurfaced Miles 2018	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 2018	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 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	492.730
AS Miles Open	488.745
AS Miles LNO	3.985
AS Open Miles Surfaced	389.467
AS Open Miles Not Surfaced	99.279
Percentage AS Surfaced	79.060
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	99.279	386.039	0.13	2.380	0.916	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# MUSCATINE

70

## County Miles Summary

Secondary Miles	608.609	Rural Open Roads All Systems	699.405
Secondary Open Miles	607.599	Rural Primary Miles	86.746
Secondary Legal Not Open (LNO) Miles	1.010	Rural Open Surfaced Miles	682.064
Secondary Open Surfaced Miles	590.547	Total Open New/Resurfaced Rural Miles 2018	0.978
Secondary Open Not Surfaced Miles	17.052	Total Open Rural Miles Unknown Surface Type	0.289
Percentage Surfaced Secondary Roads	97.010	Percentage County Miles FM	38.740

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	17.052	405.804	40.911	82.069	61.763	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.196	0.782	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 2018	0.782
FM in Municipalities Populated Less Than 500	0.687
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	76.581	21.019	64.858	60.480	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.782	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	385.631
AS Miles Open	384.661
AS Miles LNO	0.970
AS Open Miles Surfaced	367.609
AS Open Miles Not Surfaced	17.052
Percentage AS Surfaced	95.350
AS Open New/Resurfaced AS Miles 2018	0.196
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	17.052	329.223	19.89	17.211	1.283	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.196	0.000	0.000

# O BRIEN

71

## County Miles Summary

Secondary Miles	1,021.356	Rural Open Roads All Systems	1,093.724
Secondary Open Miles	1,014.335	Rural Primary Miles	78.927
Secondary Legal Not Open (LNO) Miles	7.021	Rural Open Surfaced Miles	1,037.924
Secondary Open Surfaced Miles	958.535	Total Open New/Resurfaced Rural Miles 2018	7.941
Secondary Open Not Surfaced Miles	55.798	Total Open Rural Miles Unknown Surface Type	0.002
Percentage Surfaced Secondary Roads	93.850	Percentage County Miles FM	32.200

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	55.798	735.596	0.503	198.317	17.116	7.004
Total New/Resurfaced Miles 2018	2.001	0.000	0.000	0.937	0.000	7.004

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	318.853
FM Miles Open	318.853
FM Miles LNO	0.000
FM Open Miles Surfaced	318.853
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	7.941
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	100.012	0.503	195.185	16.149	7.004
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.937	0.000	7.004

## AREA SERVICE (AS) SUMMARY

Total AS Miles	702.504
AS Miles Open	695.483
AS Miles LNO	7.021
AS Open Miles Surfaced	639.683
AS Open Miles Not Surfaced	55.798
Percentage AS Surfaced	91.210
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.002

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	55.798	635.584	0.00	3.132	0.967	0.000
AS New/Resurfaced Miles 2018	2.001	0.000	0.00	0.000	0.000	0.000

# OSCEOLA

72

## County Miles Summary

Secondary Miles	732.718	Rural Open Roads All Systems	788.370
Secondary Open Miles	731.105	Rural Primary Miles	59.612
Secondary Legal Not Open (LNO) Miles	1.613	Rural Open Surfaced Miles	743.957
Secondary Open Surfaced Miles	686.692	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	44.413	Total Open Rural Miles Unknown Surface Type	0.000
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 2018	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 2018	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 2018	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 2018	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 2018	0.000	0.000	0.00	0.000	0.000	0.000

**County Miles Summary**

Secondary Miles	923.959	Rural Open Roads All Systems	972.013
Secondary Open Miles	916.832	Rural Primary Miles	61.447
Secondary Legal Not Open (LNO) Miles	7.127	Rural Open Surfaced Miles	826.628
Secondary Open Surfaced Miles	771.447	Total Open New/Resurfaced Rural Miles 2018	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	37.250

<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	573.325	71.971	76.426	49.725	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

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

Total FM Miles	337.185
FM Miles Open	337.185
FM Miles LNO	0.000
FM Open Miles Surfaced	337.185
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	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	74.424	48.594	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

**AREA SERVICE (AS) SUMMARY**

Total AS Miles	586.774
AS Miles Open	579.647
AS Miles LNO	7.127
AS Open Miles Surfaced	434.262
AS Open Miles Not Surfaced	145.385
Percentage AS Surfaced	74.010
AS Open New/Resurfaced AS Miles 2018	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	429.490	1.64	2.002	1.131	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# PALO ALTO

74

## County Miles Summary

Secondary Miles	951.667	Rural Open Roads All Systems	995.780
Secondary Open Miles	948.120	Rural Primary Miles	50.837
Secondary Legal Not Open (LNO) Miles	3.547	Rural Open Surfaced Miles	995.283
Secondary Open Surfaced Miles	947.614	Total Open New/Resurfaced Rural Miles 2018	0.704
Secondary Open Not Surfaced Miles	0.497	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	99.570	Percentage County Miles FM	33.900

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	0.497	759.411	1.112	32.354	154.738	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.704	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	318.323
FM Miles Open	318.231
FM Miles LNO	0.092
FM Open Miles Surfaced	318.222
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	0.000
FM in Municipalities Populated Less Than 500	4.074
Fm Open Miles Unknown Surface Type	0.009

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	136.613	0.256	30.526	150.827	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	633.344
AS Miles Open	629.889
AS Miles LNO	3.455
AS Open Miles Surfaced	629.393
AS Open Miles Not Surfaced	0.497
Percentage AS Surfaced	99.380
AS Open New/Resurfaced AS Miles 2018	0.704
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	0.497	622.798	0.86	1.828	3.911	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.704	0.000	0.000

# PLYMOUTH

75

## County Miles Summary

Secondary Miles	1,423.270	Rural Open Roads All Systems	1,532.906
Secondary Open Miles	1,420.039	Rural Primary Miles	112.919
Secondary Legal Not Open (LNO) Miles	3.232	Rural Open Surfaced Miles	1,491.603
Secondary Open Surfaced Miles	1,378.813	Total Open New/Resurfaced Rural Miles 2018	6.954
Secondary Open Not Surfaced Miles	41.226	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	96.880	Percentage County Miles FM	26.210

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	41.226	1,015.006	0.853	224.847	138.107	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	6.954	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	364.062
FM Miles Open	364.062
FM Miles LNO	0.000
FM Open Miles Surfaced	364.062
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	6.954
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	209.345	132.767	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	6.954	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	1,059.208
AS Miles Open	1,055.977
AS Miles LNO	3.232
AS Open Miles Surfaced	1,014.751
AS Open Miles Not Surfaced	41.226
Percentage AS Surfaced	95.830
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	41.226	993.056	0.85	15.502	5.340	0.000
AS New/Resurfaced Miles 2018	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	1,087.874
Secondary Open Miles	1,005.709	Rural Primary Miles	84.044
Secondary Legal Not Open (LNO) Miles	0.346	Rural Open Surfaced Miles	1,064.119
Secondary Open Surfaced Miles	982.116	Total Open New/Resurfaced Rural Miles 2018	5.028
Secondary Open Not Surfaced Miles	23.593	Total Open Rural Miles Unknown Surface Type	0.162
Percentage Surfaced Secondary Roads	97.620	Percentage County Miles FM	31.100

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	23.593	787.797	0.000	86.087	108.233	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	5.028	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	309.333
FM Miles Open	309.226
FM Miles LNO	0.107
FM Open Miles Surfaced	309.211
FM Open Miles Not Surfaced	0.015
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	5.028
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	84.847	101.603	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	5.028	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 2018	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 2018	0.000	0.000	0.00	0.000	0.000	0.000

# POLK

77

## County Miles Summary

Secondary Miles	726.824	Rural Open Roads All Systems	829.712
Secondary Open Miles	722.469	Rural Primary Miles	81.266
Secondary Legal Not Open (LNO) Miles	4.666	Rural Open Surfaced Miles	827.556
Secondary Open Surfaced Miles	720.624	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	1.561	Total Open Rural Miles Unknown Surface Type	0.595
Percentage Surfaced Secondary Roads	99.100	Percentage County Miles FM	59.660

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	1.561	164.775	8.593	513.543	33.659	0.054
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	319.209
FM Miles Open	319.209
FM Miles LNO	0.000
FM Open Miles Surfaced	319.209
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	0.000
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	298.191	3.336	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	407.615
AS Miles Open	402.950
AS Miles LNO	4.666
AS Open Miles Surfaced	401.389
AS Open Miles Not Surfaced	1.561
Percentage AS Surfaced	98.490
AS Open New/Resurfaced AS Miles 2018	0.000
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	215.327	30.323	0.054
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# POTTAWATTAMIE

78

## County Miles Summary

Secondary Miles	1,485.355	Rural Open Roads All Systems	1,648.799
Secondary Open Miles	1,470.555	Rural Primary Miles	172.943
Secondary Legal Not Open (LNO) Miles	14.800	Rural Open Surfaced Miles	1,569.005
Secondary Open Surfaced Miles	1,391.477	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	79.078	Total Open Rural Miles Unknown Surface Type	0.716
Percentage Surfaced Secondary Roads	93.680	Percentage County Miles FM	41.550

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	79.078	1,115.059	56.840	129.589	89.989	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	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 2018	0.009
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	123.888	72.924	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	893.432
AS Miles Open	878.632
AS Miles LNO	14.800
AS Open Miles Surfaced	799.554
AS Open Miles Not Surfaced	79.078
Percentage AS Surfaced	89.570
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	79.078	748.103	28.69	5.701	17.065	0.000
AS New/Resurfaced Miles 2018	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	1,084.136
Secondary Open Miles	972.459	Rural Primary Miles	114.632
Secondary Legal Not Open (LNO) Miles	4.853	Rural Open Surfaced Miles	965.977
Secondary Open Surfaced Miles	854.300	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	118.159	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	87.410	Percentage County Miles FM	34.870

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	118.159	737.195	8.901	28.506	79.698	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	330.484
FM Miles Open	330.484
FM Miles LNO	0.000
FM Open Miles Surfaced	329.102
FM Open Miles Not Surfaced	1.382
Percentage FM Surfaced	99.580
FM Open New/Resurfaced FM Miles 2018	0.000
FM in Municipalities Populated Less Than 500	2.942
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	1.382	222.332	2.485	27.072	77.213	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	646.829
AS Miles Open	641.976
AS Miles LNO	4.853
AS Open Miles Surfaced	525.199
AS Open Miles Not Surfaced	116.777
Percentage AS Surfaced	81.220
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	116.777	514.864	6.42	1.434	2.485	0.000
AS New/Resurfaced Miles 2018	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	931.685
Secondary Open Miles	879.530	Rural Primary Miles	55.260
Secondary Legal Not Open (LNO) Miles	16.538	Rural Open Surfaced Miles	731.271
Secondary Open Surfaced Miles	679.120	Total Open New/Resurfaced Rural Miles 2018	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

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	200.410	529.493	64.759	50.331	34.538	0.000
Total New/Resurfaced Miles 2018	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 2018	0.000
FM in Municipalities Populated Less Than 500	7.589
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.275	151.059	54.629	50.331	34.538	0.000
FM New/Resurfaced Miles 2018	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 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	200.135	378.434	10.13	0.000	0.000	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# SAC

81

## County Miles Summary

Secondary Miles	1,028.302	Rural Open Roads All Systems	1,125.465
Secondary Open Miles	1,026.555	Rural Primary Miles	96.313
Secondary Legal Not Open (LNO) Miles	2.769	Rural Open Surfaced Miles	1,102.812
Secondary Open Surfaced Miles	1,003.902	Total Open New/Resurfaced Rural Miles 2018	3.055
Secondary Open Not Surfaced Miles	21.631	Total Open Rural Miles Unknown Surface Type	1.022
Percentage Surfaced Secondary Roads	97.530	Percentage County Miles FM	34.060

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	21.631	795.786	0.496	101.332	106.289	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	3.055	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	337.198
FM Miles Open	337.198
FM Miles LNO	0.000
FM Open Miles Surfaced	336.700
FM Open Miles Not Surfaced	0.498
Percentage FM Surfaced	99.850
FM Open New/Resurfaced FM Miles 2018	3.093
FM in Municipalities Populated Less Than 500	0.154
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.498	134.239	0.000	100.772	101.690	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	3.055	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	691.104
AS Miles Open	688.335
AS Miles LNO	2.769
AS Open Miles Surfaced	667.202
AS Open Miles Not Surfaced	21.133
Percentage AS Surfaced	96.700
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	21.133	661.547	0.50	0.560	4.599	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# SCOTT

82

## County Miles Summary

Secondary Miles	561.846	Rural Open Roads All Systems	605.055
Secondary Open Miles	559.910	Rural Primary Miles	48.988
Secondary Legal Not Open (LNO) Miles	1.936	Rural Open Surfaced Miles	594.380
Secondary Open Surfaced Miles	549.238	Total Open New/Resurfaced Rural Miles 2018	1.186
Secondary Open Not Surfaced Miles	10.672	Total Open Rural Miles Unknown Surface Type	0.003
Percentage Surfaced Secondary Roads	97.760	Percentage County Miles FM	44.800

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	10.672	323.982	7.339	203.097	14.821	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	1.186	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	211.378
FM Miles Open	211.378
FM Miles LNO	0.000
FM Open Miles Surfaced	210.524
FM Open Miles Not Surfaced	0.854
Percentage FM Surfaced	99.600
FM Open New/Resurfaced FM Miles 2018	0.116
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	54.151	0.708	149.114	6.551	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.116	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	350.469
AS Miles Open	348.533
AS Miles LNO	1.936
AS Open Miles Surfaced	338.715
AS Open Miles Not Surfaced	9.818
Percentage AS Surfaced	96.650
AS Open New/Resurfaced AS Miles 2018	1.070
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	9.818	269.831	6.63	53.983	8.270	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	1.070	0.000	0.000

# SHELBY

83

## County Miles Summary

Secondary Miles	960.154	Rural Open Roads All Systems	1,025.288
Secondary Open Miles	947.639	Rural Primary Miles	76.483
Secondary Legal Not Open (LNO) Miles	12.516	Rural Open Surfaced Miles	887.967
Secondary Open Surfaced Miles	810.522	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	137.116	Total Open Rural Miles Unknown Surface Type	0.204
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 2018	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 2018	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 2018	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 2018	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 2018	0.000	0.000	0.00	0.000	0.000	0.000

# SIOUX

84

## County Miles Summary

Secondary Miles	1,356.853	Rural Open Roads All Systems	1,454.810
Secondary Open Miles	1,348.653	Rural Primary Miles	106.233
Secondary Legal Not Open (LNO) Miles	8.201	Rural Open Surfaced Miles	1,407.322
Secondary Open Surfaced Miles	1,301.297	Total Open New/Resurfaced Rural Miles 2018	5.983
Secondary Open Not Surfaced Miles	47.356	Total Open Rural Miles Unknown Surface Type	0.132
Percentage Surfaced Secondary Roads	95.910	Percentage County Miles FM	32.440

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	47.356	1,012.889	0.089	237.258	51.061	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	5.983	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	421.981
FM Miles Open	421.981
FM Miles LNO	0.000
FM Open Miles Surfaced	421.067
FM Open Miles Not Surfaced	0.914
Percentage FM Surfaced	99.780
FM Open New/Resurfaced FM Miles 2018	5.983
FM in Municipalities Populated Less Than 500	1.450
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	228.231	40.666	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	5.983	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	934.872
AS Miles Open	926.672
AS Miles LNO	8.201
AS Open Miles Surfaced	880.230
AS Open Miles Not Surfaced	46.442
Percentage AS Surfaced	94.170
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	46.442	860.719	0.09	9.027	10.395	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# STORY

85

## County Miles Summary

Secondary Miles	924.103	Rural Open Roads All Systems	1,027.764
Secondary Open Miles	923.395	Rural Primary Miles	96.268
Secondary Legal Not Open (LNO) Miles	0.708	Rural Open Surfaced Miles	1,002.602
Secondary Open Surfaced Miles	900.871	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	22.524	Total Open Rural Miles Unknown Surface Type	2.638
Percentage Surfaced Secondary Roads	97.490	Percentage County Miles FM	43.240

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	22.524	700.657	4.302	162.785	33.127	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	356.255
FM Miles Open	356.255
FM Miles LNO	0.000
FM Open Miles Surfaced	356.255
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	0.000
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	153.412	29.262	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	567.848
AS Miles Open	567.141
AS Miles LNO	0.708
AS Open Miles Surfaced	544.617
AS Open Miles Not Surfaced	22.524
Percentage AS Surfaced	95.910
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	22.524	530.373	1.01	9.373	3.865	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# TAMA

86

## County Miles Summary

Secondary Miles	1,159.233	Rural Open Roads All Systems	1,255.732
Secondary Open Miles	1,150.119	Rural Primary Miles	92.691
Secondary Legal Not Open (LNO) Miles	9.115	Rural Open Surfaced Miles	1,184.510
Secondary Open Surfaced Miles	1,079.024	Total Open New/Resurfaced Rural Miles 2018	8.203
Secondary Open Not Surfaced Miles	71.094	Total Open Rural Miles Unknown Surface Type	0.128
Percentage Surfaced Secondary Roads	93.080	Percentage County Miles FM	32.030

<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	71.094	891.828	4.428	161.193	20.687	0.889
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	8.203	0.000	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 2018	8.203
FM in Municipalities Populated Less Than 500	7.106
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	0.933	190.484	3.713	154.012	17.742	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	8.203	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	792.349
AS Miles Open	783.234
AS Miles LNO	9.115
AS Open Miles Surfaced	713.073
AS Open Miles Not Surfaced	70.161
Percentage AS Surfaced	90.010
AS Open New/Resurfaced AS Miles 2018	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	70.161	701.344	0.72	7.181	2.945	0.889
AS New/Resurfaced Miles 2018	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	968.472
Secondary Open Miles	914.593	Rural Primary Miles	55.146
Secondary Legal Not Open (LNO) Miles	13.721	Rural Open Surfaced Miles	778.510
Secondary Open Surfaced Miles	724.560	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	190.032	Total Open Rural Miles Unknown Surface Type	0.087
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	613.970	1.577	99.563	9.450	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	330.478
FM Miles Open	330.478
FM Miles LNO	0.000
FM Open Miles Surfaced	327.313
FM Open Miles Not Surfaced	3.165
Percentage FM Surfaced	99.040
FM Open New/Resurfaced FM Miles 2018	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	99.114	6.924	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	597.827
AS Miles Open	584.106
AS Miles LNO	13.721
AS Open Miles Surfaced	397.239
AS Open Miles Not Surfaced	186.867
Percentage AS Surfaced	66.040
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	186.867	393.932	0.33	0.449	2.526	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# UNION

88

## County Miles Summary

Secondary Miles	703.177	Rural Open Roads All Systems	755.509
Secondary Open Miles	699.712	Rural Primary Miles	51.005
Secondary Legal Not Open (LNO) Miles	3.465	Rural Open Surfaced Miles	659.702
Secondary Open Surfaced Miles	604.211	Total Open New/Resurfaced Rural Miles 2018	16.239
Secondary Open Not Surfaced Miles	95.501	Total Open Rural Miles Unknown Surface Type	0.306
Percentage Surfaced Secondary Roads	85.850	Percentage County Miles FM	37.110

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	95.501	505.423	11.975	49.199	37.615	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	16.239	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	256.255
FM Miles Open	256.255
FM Miles LNO	0.000
FM Open Miles Surfaced	256.255
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	14.280
FM in Municipalities Populated Less Than 500	3.706
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	167.082	9.280	44.991	34.903	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	14.280	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	446.922
AS Miles Open	443.457
AS Miles LNO	3.465
AS Open Miles Surfaced	347.956
AS Open Miles Not Surfaced	95.501
Percentage AS Surfaced	77.920
AS Open New/Resurfaced AS Miles 2018	1.959
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	95.501	338.341	2.70	4.208	2.712	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	1.959	0.000	0.000

# VAN BUREN

89

## County Miles Summary

Secondary Miles	749.548	Rural Open Roads All Systems	809.231
Secondary Open Miles	739.814	Rural Primary Miles	66.122
Secondary Legal Not Open (LNO) Miles	9.738	Rural Open Surfaced Miles	762.027
Secondary Open Surfaced Miles	693.567	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	46.247	Total Open Rural Miles Unknown Surface Type	0.620
Percentage Surfaced Secondary Roads	92.480	Percentage County Miles FM	36.440

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	46.247	591.211	3.474	85.238	13.645	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	271.376
FM Miles Open	271.376
FM Miles LNO	0.000
FM Open Miles Surfaced	271.376
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	0.000
FM in Municipalities Populated Less Than 500	8.113
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	173.203	3.141	83.294	11.739	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	478.172
AS Miles Open	468.435
AS Miles LNO	9.738
AS Open Miles Surfaced	422.188
AS Open Miles Not Surfaced	46.247
Percentage AS Surfaced	88.710
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	46.247	418.009	0.33	1.944	1.902	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# WAPELLO

90

## County Miles Summary

Secondary Miles	710.122	Rural Open Roads All Systems	764.859
Secondary Open Miles	702.743	Rural Primary Miles	61.295
Secondary Legal Not Open (LNO) Miles	7.379	Rural Open Surfaced Miles	728.585
Secondary Open Surfaced Miles	666.469	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	36.275	Total Open Rural Miles Unknown Surface Type	0.000
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	520.992	7.268	109.261	28.948	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	273.858
FM Miles Open	273.858
FM Miles LNO	0.000
FM Open Miles Surfaced	273.858
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	0.000
FM in Municipalities Populated Less Than 500	3.634
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	148.931	6.779	95.016	23.132	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	436.265
AS Miles Open	428.886
AS Miles LNO	7.379
AS Open Miles Surfaced	392.611
AS Open Miles Not Surfaced	36.275
Percentage AS Surfaced	90.300
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	36.275	372.061	0.49	14.245	5.816	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# WARREN

91

## County Miles Summary

Secondary Miles	868.121	Rural Open Roads All Systems	956.758
Secondary Open Miles	859.317	Rural Primary Miles	94.087
Secondary Legal Not Open (LNO) Miles	8.804	Rural Open Surfaced Miles	894.260
Secondary Open Surfaced Miles	796.855	Total Open New/Resurfaced Rural Miles 2018	0.376
Secondary Open Not Surfaced Miles	62.463	Total Open Rural Miles Unknown Surface Type	0.035
Percentage Surfaced Secondary Roads	91.370	Percentage County Miles FM	38.030

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	62.463	626.400	0.892	24.986	144.577	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.376	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	312.375
FM Miles Open	312.375
FM Miles LNO	0.000
FM Open Miles Surfaced	312.375
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	0.000
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	158.118	0.892	21.067	132.298	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	555.747
AS Miles Open	546.943
AS Miles LNO	8.804
AS Open Miles Surfaced	484.480
AS Open Miles Not Surfaced	62.463
Percentage AS Surfaced	87.260
AS Open New/Resurfaced AS Miles 2018	0.376
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	62.463	468.283	0.00	3.919	12.279	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.376	0.000

# WASHINGTON

92

## County Miles Summary

Secondary Miles	920.488	Rural Open Roads All Systems	1,004.753
Secondary Open Miles	906.014	Rural Primary Miles	95.010
Secondary Legal Not Open (LNO) Miles	14.474	Rural Open Surfaced Miles	915.291
Secondary Open Surfaced Miles	817.308	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	88.706	Total Open Rural Miles Unknown Surface Type	0.757
Percentage Surfaced Secondary Roads	88.790	Percentage County Miles FM	40.520

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	88.706	649.936	0.624	7.947	158.801	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	365.157
FM Miles Open	365.157
FM Miles LNO	0.000
FM Open Miles Surfaced	365.157
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	0.000
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	204.076	0.259	7.373	153.449	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	555.331
AS Miles Open	540.857
AS Miles LNO	14.474
AS Open Miles Surfaced	452.152
AS Open Miles Not Surfaced	88.706
Percentage AS Surfaced	81.420
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	88.706	445.861	0.37	0.574	5.352	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# WAYNE

93

## County Miles Summary

Secondary Miles	838.847	Rural Open Roads All Systems	881.916
Secondary Open Miles	831.784	Rural Primary Miles	52.189
Secondary Legal Not Open (LNO) Miles	7.064	Rural Open Surfaced Miles	818.793
Secondary Open Surfaced Miles	768.681	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	63.103	Total Open Rural Miles Unknown Surface Type	0.020
Percentage Surfaced Secondary Roads	90.840	Percentage County Miles FM	37.090

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	63.103	659.505	2.657	3.916	102.603	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	307.113
FM Miles Open	307.113
FM Miles LNO	0.000
FM Open Miles Surfaced	306.111
FM Open Miles Not Surfaced	1.002
Percentage FM Surfaced	99.670
FM Open New/Resurfaced FM Miles 2018	0.000
FM in Municipalities Populated Less Than 500	3.515
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	1.002	204.202	2.657	3.829	95.423	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	531.734
AS Miles Open	524.671
AS Miles LNO	7.064
AS Open Miles Surfaced	462.570
AS Open Miles Not Surfaced	62.101
Percentage AS Surfaced	86.520
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	62.101	455.303	0.00	0.087	7.180	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# WEBSTER

94

## County Miles Summary

Secondary Miles	1,184.301	Rural Open Roads All Systems	1,280.007
Secondary Open Miles	1,181.647	Rural Primary Miles	92.376
Secondary Legal Not Open (LNO) Miles	3.234	Rural Open Surfaced Miles	1,274.619
Secondary Open Surfaced Miles	1,178.124	Total Open New/Resurfaced Rural Miles 2018	15.222
Secondary Open Not Surfaced Miles	2.943	Total Open Rural Miles Unknown Surface Type	1.809
Percentage Surfaced Secondary Roads	99.430	Percentage County Miles FM	36.320

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	2.943	866.414	7.901	283.620	20.189	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	15.222	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 2018	15.971
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 2018	0.000	0.000	0.000	15.222	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	776.236
AS Miles Open	773.002
AS Miles LNO	3.234
AS Open Miles Surfaced	770.059
AS Open Miles Not Surfaced	2.943
Percentage AS Surfaced	99.360
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	2.943	738.441	7.85	21.808	1.957	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# WINNEBAGO

95

## County Miles Summary

Secondary Miles	718.868	Rural Open Roads All Systems	754.709
Secondary Open Miles	713.805	Rural Primary Miles	40.268
Secondary Legal Not Open (LNO) Miles	5.066	Rural Open Surfaced Miles	753.472
Secondary Open Surfaced Miles	712.759	Total Open New/Resurfaced Rural Miles 2018	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	564.637	0.000	141.421	6.701	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	0.000	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	203.278
FM Miles Open	203.278
FM Miles LNO	0.000
FM Open Miles Surfaced	203.278
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	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	58.134	0.000	139.892	5.252	0.000
FM New/Resurfaced Miles 2018	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 2018	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 2018	0.000	0.000	0.00	0.000	0.000	0.000

# WINNESHIEK

96

## County Miles Summary

Secondary Miles	1,057.124	Rural Open Roads All Systems	1,130.643
Secondary Open Miles	1,047.441	Rural Primary Miles	87.403
Secondary Legal Not Open (LNO) Miles	9.683	Rural Open Surfaced Miles	1,127.739
Secondary Open Surfaced Miles	1,045.127	Total Open New/Resurfaced Rural Miles 2018	4.345
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	33.720

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	2.314	802.130	12.835	153.950	76.213	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	4.345	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	352.577
FM Miles Open	352.577
FM Miles LNO	0.000
FM Open Miles Surfaced	352.577
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	4.345
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	126.818	8.391	143.888	73.480	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	4.345	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	704.547
AS Miles Open	694.864
AS Miles LNO	9.683
AS Open Miles Surfaced	692.551
AS Open Miles Not Surfaced	2.314
Percentage AS Surfaced	98.420
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	2.314	675.312	4.44	10.062	2.733	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000

# WOODBURY

97

## County Miles Summary

Secondary Miles	1,353.481	Rural Open Roads All Systems	1,433.585
Secondary Open Miles	1,341.948	Rural Primary Miles	96.993
Secondary Legal Not Open (LNO) Miles	11.544	Rural Open Surfaced Miles	1,370.175
Secondary Open Surfaced Miles	1,278.983	Total Open New/Resurfaced Rural Miles 2018	5.661
Secondary Open Not Surfaced Miles	62.964	Total Open Rural Miles Unknown Surface Type	0.002
Percentage Surfaced Secondary Roads	94.410	Percentage County Miles FM	31.200

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	62.964	938.678	1.395	246.928	91.982	0.000
Total New/Resurfaced Miles 2018	0.000	0.175	0.000	0.000	5.486	0.000

## FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	395.564
FM Miles Open	395.564
FM Miles LNO	0.000
FM Open Miles Surfaced	395.564
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2018	5.661
FM in Municipalities Populated Less Than 500	5.902
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	81.680	0.000	236.313	77.571	0.000
FM New/Resurfaced Miles 2018	0.000	0.175	0.000	0.000	5.486	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	957.917
AS Miles Open	946.373
AS Miles LNO	11.544
AS Open Miles Surfaced	883.408
AS Open Miles Not Surfaced	62.964
Percentage AS Surfaced	92.230
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.002

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	62.964	856.998	1.40	10.604	14.411	0.000
AS New/Resurfaced Miles 2018	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	741.694
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 2018	3.380
Secondary Open Not Surfaced Miles	2.313	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	97.370	Percentage County Miles FM	34.430

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	2.313	473.264	0.056	133.931	83.736	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	3.380	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 2018	3.173
FM in Municipalities Populated Less Than 500	6.657
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	60.220	0.000	117.224	64.905	0.000
FM New/Resurfaced Miles 2018	0.000	0.000	0.000	3.173	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 2018	0.207
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	2.313	413.045	0.06	16.707	18.831	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.207	0.000	0.000

# WRIGHT

99

## County Miles Summary

Secondary Miles	965.058	Rural Open Roads All Systems	1,030.352
Secondary Open Miles	963.782	Rural Primary Miles	65.947
Secondary Legal Not Open (LNO) Miles	1.276	Rural Open Surfaced Miles	1,028.224
Secondary Open Surfaced Miles	961.654	Total Open New/Resurfaced Rural Miles 2018	0.000
Secondary Open Not Surfaced Miles	2.128	Total Open Rural Miles Unknown Surface Type	0.000
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	792.044	0.283	137.422	31.906	0.000
Total New/Resurfaced Miles 2018	0.000	0.000	0.000	0.000	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 2018	0.000
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 2018	0.000	0.000	0.000	0.000	0.000	0.000

## AREA SERVICE (AS) SUMMARY

Total AS Miles	734.838
AS Miles Open	733.562
AS Miles LNO	1.276
AS Open Miles Surfaced	731.434
AS Open Miles Not Surfaced	2.128
Percentage AS Surfaced	99.670
AS Open New/Resurfaced AS Miles 2018	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	2.128	727.556	0.28	2.005	1.590	0.000
AS New/Resurfaced Miles 2018	0.000	0.000	0.00	0.000	0.000	0.000