

**IOWA
MILES OF
RURAL SECONDARY ROADS
AS OF
JANUARY 1, 2020**

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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) Analytics Bureau 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, 2020.

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 01,2020

Total Farm-to-Market	2.088	18.438	20.526	13,350.479	677.350	16,485.866	30,513.841	30,534.367	30,532.313
Total Non-Farm-to-Market	561.348	4,370.726	4,932.074	52,919.622	437.036	1,430.590	54,787.248	59,719.322	59,157.976
Total for State	563.436	4,389.164	4,952.600	66,270.101	1,114.386	17,916.456	85,301.089	90,253.689	89,690.289

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

STATISTICAL SUMMARY

On Jan. 1, 2020, the conditions of the secondary road system were as follows:

	Farm-to-Market System	Area Service System
Miles of Gravel-Surfaced Roads	13,350.479	52,919.622
Miles of Bituminous-Surfaced Roads	677.350	437.036
Miles of Earth-Surfaced Roads	18.438	4,370.726
Miles of Asphalt-Surfaced Roads	10,879.557	976.864
Miles of PCC-Surfaced Roads	5,599.119	452.411
Miles of Combination-Surfaced Roads	7.190	1.315
Total Miles in System	30,534.401	59,719.324
Total Miles of Open Road	30,532.313	59,157.976
Legal Not Open Roads	2.088	561.348

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, 2019	0.000	23.894
Jan 01, 2018	1.572	8.313
Jan 01, 2017	0.001	17.464
Jan 01, 2016	0.008	15.568
Jan 01, 2015	0.000	0.447

STATE RURAL MILES SUMMARY

Secondary Miles	90,253.725	Rural Roads All Systems	97,438.781
Secondary Open Miles (includes unknown surface)	89,698.495	Rural Primary Miles	7,588.407
Secondary Legal Not Open (LNO) Miles	563.717	Rural Open Surfaced Miles	93,018.888
Secondary Open Surfaced Miles	85,308.816	Total Open New/Resurfaced Rural Miles 2019	492.180
Secondary Open Not Surfaced Miles	4,389.164	Total Open Rural Miles Unknown Surface Type	18.341
Percentage Surfaced Secondary Roads	94.350		

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles by Surface	4389.1640	66272.7650	1114.9070	11856.7310	6055.7620	8.5050
Total New/Resurfaced Miles 2019	0	23.8940	12.9220	346.5450	108.8190	0

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	30,534.401
FM Miles Open	30,532.313
FM Miles LNO	2.088
FM Open Miles Surfaced	30,513.841
FM Open Miles Not Surfaced	18.438
Percentage FM Open Surfaced	99.940
Total Open New/Resurfaced FM Miles 2019	417.492
FM in Municipalities Populated Less Than 500	405.681
FM Open Miles Unknown Surface Type	0.034

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles by Surface	18.4380	13350.4790	677.35	10879.5570	5599.1190	7.19
Total New/Resurfaced Miles 2019	0	16.2920	4.8650	307.3550	88.98	0

AREA SERVICE (AS) SUMMARY

Total AS Miles	59,719.324
AS Miles Open	59,157.976
AS Miles LNO	561.348
AS Open Miles Surfaced	54,787.248
AS Open Miles Not Surfaced	4,370.726
Percentage AS Open Surfaced	92.610
Total Open New/Resurfaced AS Miles 2019	70.560
AS Open Miles Unknown Surface Type	0.002

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles by Surface	4370.7260	52919.6220	437.0360	976.8640	452.4110	1.3150
Total New/Resurfaced Miles 2019	0	7.6020	8.0570	39.19	15.7110	0

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County Miles Summary

Secondary Miles	1,015.650	Rural Open Roads All Systems	1,081.303
Secondary Open Miles	1,014.380	Rural Primary Miles	67.853
Secondary Legal Not Open (LNO) Miles	1.270	Rural Open Surfaced Miles	948.566
Secondary Open Surfaced Miles	881.643	Total Open New/Resurfaced Rural Miles 2019	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	796.717	5.003	79.339	0.584	0.000
Total New/Resurfaced Miles 2019	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 2019	0.000
FM in Municipalities Populated Less Than 500	1.756
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	197.435	1.231	79.339	0.312	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	737.333
AS Miles Open	736.063
AS Miles LNO	1.270
AS Open Miles Surfaced	603.327
AS Open Miles Not Surfaced	132.737
Percentage AS Surfaced	81.870
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	132.737	599.283	3.77	0.000	0.272	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

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County Miles Summary

Secondary Miles	720.856	Rural Open Roads All Systems	766.555
Secondary Open Miles	719.921	Rural Primary Miles	43.458
Secondary Legal Not Open (LNO) Miles	0.935	Rural Open Surfaced Miles	667.615
Secondary Open Surfaced Miles	622.203	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	97.718	Total Open Rural Miles Unknown Surface Type	1.076
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	516.913	0.000	74.882	30.408	0.000
Total New/Resurfaced Miles 2019	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 2019	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 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	521.745
AS Miles Open	520.810
AS Miles LNO	0.935
AS Open Miles Surfaced	423.092
AS Open Miles Not Surfaced	97.718
Percentage AS Surfaced	81.090
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	97.718	419.411	0.00	2.492	1.189	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

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County Miles Summary

Secondary Miles	874.859	Rural Open Roads All Systems	960.714
Secondary Open Miles	859.542	Rural Primary Miles	83.708
Secondary Legal Not Open (LNO) Miles	15.317	Rural Open Surfaced Miles	949.119
Secondary Open Surfaced Miles	851.432	Total Open New/Resurfaced Rural Miles 2019	1.113
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	680.447	0.489	56.965	113.532	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	1.113	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	298.169
FM Miles Open	298.169
FM Miles LNO	0.000
FM Open Miles Surfaced	298.169
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	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	134.809	0.000	54.941	108.420	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	576.690
AS Miles Open	561.373
AS Miles LNO	15.317
AS Open Miles Surfaced	553.263
AS Open Miles Not Surfaced	8.110
Percentage AS Surfaced	96.560
AS Open New/Resurfaced AS Miles 2019	1.113
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	8.110	545.638	0.49	2.024	5.112	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	1.113	0.000

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County Miles Summary

Secondary Miles	761.320	Rural Open Roads All Systems	844.299
Secondary Open Miles	752.838	Rural Primary Miles	51.715
Secondary Legal Not Open (LNO) Miles	8.483	Rural Open Surfaced Miles	815.770
Secondary Open Surfaced Miles	724.674	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	28.164	Total Open Rural Miles Unknown Surface Type	0.365
Percentage Surfaced Secondary Roads	95.140	Percentage County Miles FM	39.830

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	28.164	612.017	0.977	90.647	20.887	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	297.263
FM Miles Open	297.263
FM Miles LNO	0.000
FM Open Miles Surfaced	296.308
FM Open Miles Not Surfaced	0.955
Percentage FM Surfaced	99.680
FM Open New/Resurfaced FM Miles 2019	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	0.955	191.531	0.020	87.574	17.037	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	464.058
AS Miles Open	455.575
AS Miles LNO	8.483
AS Open Miles Surfaced	428.366
AS Open Miles Not Surfaced	27.209
Percentage AS Surfaced	92.500
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	27.209	420.486	0.96	3.073	3.850	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

AUDUBON

5

County Miles Summary

Secondary Miles	753.686	Rural Open Roads All Systems	784.623
Secondary Open Miles	743.580	Rural Primary Miles	43.098
Secondary Legal Not Open (LNO) Miles	10.106	Rural Open Surfaced Miles	750.627
Secondary Open Surfaced Miles	709.584	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	33.997	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	94.150	Percentage County Miles FM	36.670

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	33.997	618.095	3.605	65.891	21.993	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	274.158
FM Miles Open	274.158
FM Miles LNO	0.000
FM Open Miles Surfaced	274.158
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	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	0.000	186.107	1.159	64.979	21.913	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	479.528
AS Miles Open	469.422
AS Miles LNO	10.106
AS Open Miles Surfaced	435.426
AS Open Miles Not Surfaced	33.997
Percentage AS Surfaced	91.090
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	33.997	431.988	2.45	0.912	0.080	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

BENTON

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County Miles Summary

Secondary Miles	1,233.291	Rural Open Roads All Systems	1,327.162
Secondary Open Miles	1,232.075	Rural Primary Miles	95.170
Secondary Legal Not Open (LNO) Miles	2.393	Rural Open Surfaced Miles	1,233.443
Secondary Open Surfaced Miles	1,138.547	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	93.528	Total Open Rural Miles Unknown Surface Type	0.191
Percentage Surfaced Secondary Roads	92.230	Percentage County Miles FM	30.400

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	93.528	919.813	9.461	180.315	28.958	0.000
Total New/Resurfaced Miles 2019	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 2019	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	155.089	2.066	174.391	28.813	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	872.933
AS Miles Open	870.540
AS Miles LNO	2.393
AS Open Miles Surfaced	777.013
AS Open Miles Not Surfaced	93.528
Percentage AS Surfaced	89.020
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	93.528	763.549	7.40	5.924	0.145	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

BLACK HAWK

7

County Miles Summary

Secondary Miles	765.797	Rural Open Roads All Systems	846.324
Secondary Open Miles	765.082	Rural Primary Miles	81.235
Secondary Legal Not Open (LNO) Miles	0.715	Rural Open Surfaced Miles	842.697
Secondary Open Surfaced Miles	761.456	Total Open New/Resurfaced Rural Miles 2019	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	518.248	16.259	205.505	21.445	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	274.119
FM Miles Open	274.119
FM Miles LNO	0.000
FM Open Miles Surfaced	274.119
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	0.128
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	194.281	20.050	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	491.678
AS Miles Open	490.963
AS Miles LNO	0.715
AS Open Miles Surfaced	487.337
AS Open Miles Not Surfaced	3.626
Percentage AS Surfaced	99.120
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	3.626	459.787	14.93	11.224	1.395	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

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County Miles Summary

Secondary Miles	973.484	Rural Open Roads All Systems	1,062.059
Secondary Open Miles	970.859	Rural Primary Miles	85.018
Secondary Legal Not Open (LNO) Miles	2.625	Rural Open Surfaced Miles	1,059.747
Secondary Open Surfaced Miles	968.547	Total Open New/Resurfaced Rural Miles 2019	7.449
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	32.480

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	2.312	775.759	1.250	59.249	132.290	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	7.449	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	305.080
FM Miles Open	305.080
FM Miles LNO	0.000
FM Open Miles Surfaced	305.080
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	7.449
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	126.669	0.000	52.272	126.139	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	7.449	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	668.405
AS Miles Open	665.780
AS Miles LNO	2.625
AS Open Miles Surfaced	663.468
AS Open Miles Not Surfaced	2.312
Percentage AS Surfaced	99.290
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	2.312	649.090	1.25	6.977	6.151	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

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County Miles Summary

Secondary Miles	714.102	Rural Open Roads All Systems	795.309
Secondary Open Miles	713.263	Rural Primary Miles	80.754
Secondary Legal Not Open (LNO) Miles	0.839	Rural Open Surfaced Miles	791.692
Secondary Open Surfaced Miles	709.646	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	3.617	Total Open Rural Miles Unknown Surface Type	0.000
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	565.944	3.463	128.561	11.679	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	188.493
FM Miles Open	188.493
FM Miles LNO	0.000
FM Open Miles Surfaced	188.493
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	0.000
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	117.361	10.955	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	525.609
AS Miles Open	524.770
AS Miles LNO	0.839
AS Open Miles Surfaced	521.153
AS Open Miles Not Surfaced	3.617
Percentage AS Surfaced	99.150
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	3.617	505.824	3.41	11.200	0.724	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

BUCHANAN

10

County Miles Summary

Secondary Miles	960.062	Rural Open Roads All Systems	1,030.760
Secondary Open Miles	959.274	Rural Primary Miles	69.889
Secondary Legal Not Open (LNO) Miles	1.019	Rural Open Surfaced Miles	1,006.807
Secondary Open Surfaced Miles	935.521	Total Open New/Resurfaced Rural Miles 2019	6.502
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	37.700

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	23.754	734.179	0.933	19.278	181.132	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	6.502	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	348.378
FM Miles Open	348.378
FM Miles LNO	0.000
FM Open Miles Surfaced	348.378
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	6.502
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	16.473	176.964	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	6.502	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 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	23.754	579.782	0.16	2.805	4.168	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

BUENA VISTA

11

County Miles Summary

Secondary Miles	1,006.773	Rural Open Roads All Systems	1,089.075
Secondary Open Miles	1,002.665	Rural Primary Miles	87.518
Secondary Legal Not Open (LNO) Miles	4.108	Rural Open Surfaced Miles	1,082.612
Secondary Open Surfaced Miles	996.202	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	6.463	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	98.770	Percentage County Miles FM	33.370

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	6.463	748.587	2.442	233.289	11.884	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	331.394
FM Miles Open	331.394
FM Miles LNO	0.000
FM Open Miles Surfaced	331.394
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	0.000
FM in Municipalities Populated Less Than 500	1.919
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	92.208	0.000	227.977	11.209	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	675.379
AS Miles Open	671.271
AS Miles LNO	4.108
AS Open Miles Surfaced	664.808
AS Open Miles Not Surfaced	6.463
Percentage AS Surfaced	98.450
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	6.463	656.379	2.44	5.312	0.675	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

BUTLER

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County Miles Summary

Secondary Miles	962.293	Rural Open Roads All Systems	1,033.194
Secondary Open Miles	956.143	Rural Primary Miles	75.093
Secondary Legal Not Open (LNO) Miles	6.168	Rural Open Surfaced Miles	1,020.245
Secondary Open Surfaced Miles	943.512	Total Open New/Resurfaced Rural Miles 2019	26.263
Secondary Open Not Surfaced Miles	12.631	Total Open Rural Miles Unknown Surface Type	0.232
Percentage Surfaced Secondary Roads	98.040	Percentage County Miles FM	31.800

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	12.631	738.003	0.721	204.160	0.629	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	26.263	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	294.248
FM Miles Open	294.248
FM Miles LNO	0.000
FM Open Miles Surfaced	294.248
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	26.263
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	97.233	0.000	197.014	0.002	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	26.263	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	668.045
AS Miles Open	661.877
AS Miles LNO	6.168
AS Open Miles Surfaced	649.246
AS Open Miles Not Surfaced	12.631
Percentage AS Surfaced	97.230
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	12.631	640.752	0.72	7.146	0.627	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

CALHOUN

13

County Miles Summary

Secondary Miles	998.758	Rural Open Roads All Systems	1,073.029
Secondary Open Miles	998.759	Rural Primary Miles	79.260
Secondary Legal Not Open (LNO) Miles	0.000	Rural Open Surfaced Miles	1,067.280
Secondary Open Surfaced Miles	993.159	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	5.600	Total Open Rural Miles Unknown Surface Type	0.149
Percentage Surfaced Secondary Roads	99.440	Percentage County Miles FM	33.790

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	5.600	803.024	2.844	101.139	86.153	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	326.559
FM Miles Open	326.559
FM Miles LNO	0.000
FM Open Miles Surfaced	326.559
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	0.000
FM in Municipalities Populated Less Than 500	5.629
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	142.014	0.236	98.157	86.153	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	672.199
AS Miles Open	672.199
AS Miles LNO	0.000
AS Open Miles Surfaced	666.599
AS Open Miles Not Surfaced	5.600
Percentage AS Surfaced	99.170
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	5.600	661.009	2.61	2.982	0.000	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

CARROLL

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County Miles Summary

Secondary Miles	1,007.442	Rural Open Roads All Systems	1,063.451
Secondary Open Miles	1,005.004	Rural Primary Miles	63.766
Secondary Legal Not Open (LNO) Miles	2.438	Rural Open Surfaced Miles	1,049.252
Secondary Open Surfaced Miles	990.924	Total Open New/Resurfaced Rural Miles 2019	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	793.525	0.477	166.636	30.286	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	373.146
FM Miles Open	373.146
FM Miles LNO	0.000
FM Open Miles Surfaced	373.146
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	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	184.856	0.406	160.506	27.378	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	634.296
AS Miles Open	631.858
AS Miles LNO	2.438
AS Open Miles Surfaced	617.778
AS Open Miles Not Surfaced	14.080
Percentage AS Surfaced	97.400
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	14.080	608.669	0.07	6.130	2.908	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

CASS

15

County Miles Summary

Secondary Miles	897.737	Rural Open Roads All Systems	1,036.256
Secondary Open Miles	896.350	Rural Primary Miles	134.468
Secondary Legal Not Open (LNO) Miles	1.387	Rural Open Surfaced Miles	901.481
Secondary Open Surfaced Miles	761.956	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	134.394	Total Open Rural Miles Unknown Surface Type	0.381
Percentage Surfaced Secondary Roads	84.880	Percentage County Miles FM	29.930

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	134.394	648.631	3.410	93.302	16.613	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	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 2019	0.000
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 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	633.591
AS Miles Open	632.204
AS Miles LNO	1.387
AS Open Miles Surfaced	497.811
AS Open Miles Not Surfaced	134.394
Percentage AS Surfaced	78.640
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	134.394	489.495	2.93	4.401	0.988	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

CEDAR

16

County Miles Summary

Secondary Miles	946.323	Rural Open Roads All Systems	1,022.881
Secondary Open Miles	940.390	Rural Primary Miles	82.856
Secondary Legal Not Open (LNO) Miles	5.933	Rural Open Surfaced Miles	969.749
Secondary Open Surfaced Miles	887.258	Total Open New/Resurfaced Rural Miles 2019	7.782
Secondary Open Not Surfaced Miles	53.133	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	93.760	Percentage County Miles FM	38.570

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	53.133	747.546	1.354	74.956	63.403	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	7.782	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	353.631
FM Miles Open	353.631
FM Miles LNO	0.000
FM Open Miles Surfaced	353.085
FM Open Miles Not Surfaced	0.546
Percentage FM Surfaced	99.850
FM Open New/Resurfaced FM Miles 2019	6.064
FM in Municipalities Populated Less Than 500	0.389
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.546	229.289	0.394	62.403	60.999	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	6.064	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	592.693
AS Miles Open	586.760
AS Miles LNO	5.933
AS Open Miles Surfaced	534.173
AS Open Miles Not Surfaced	52.587
Percentage AS Surfaced	90.150
AS Open New/Resurfaced AS Miles 2019	1.718
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	52.587	518.257	0.96	12.553	2.404	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	1.718	0.000

CERRO GORDO

17

County Miles Summary

Secondary Miles	970.185	Rural Open Roads All Systems	1,025.232
Secondary Open Miles	967.541	Rural Primary Miles	62.139
Secondary Legal Not Open (LNO) Miles	2.644	Rural Open Surfaced Miles	1,017.105
Secondary Open Surfaced Miles	959.414	Total Open New/Resurfaced Rural Miles 2019	9.285
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	38.580

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	8.127	691.265	2.187	224.582	41.380	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	9.004	0.281	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	345.905
FM Miles Open	345.905
FM Miles LNO	0.000
FM Open Miles Surfaced	345.905
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	9.306
FM in Municipalities Populated Less Than 500	7.330
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	100.280	0.000	211.487	34.139	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	9.004	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	624.280
AS Miles Open	621.636
AS Miles LNO	2.644
AS Open Miles Surfaced	613.509
AS Open Miles Not Surfaced	8.127
Percentage AS Surfaced	98.270
AS Open New/Resurfaced AS Miles 2019	0.281
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	8.127	590.986	2.19	13.095	7.241	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.281	0.000

CHEROKEE

18

County Miles Summary

Secondary Miles	1,004.361	Rural Open Roads All Systems	1,062.272
Secondary Open Miles	997.136	Rural Primary Miles	66.484
Secondary Legal Not Open (LNO) Miles	7.225	Rural Open Surfaced Miles	1,039.804
Secondary Open Surfaced Miles	974.668	Total Open New/Resurfaced Rural Miles 2019	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	757.641	0.000	88.521	128.506	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	311.067
FM Miles Open	310.069
FM Miles LNO	0.998
FM Open Miles Surfaced	310.069
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	99.680
FM Open New/Resurfaced FM Miles 2019	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	95.848	0.000	86.356	127.866	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	693.294
AS Miles Open	687.067
AS Miles LNO	6.227
AS Open Miles Surfaced	664.599
AS Open Miles Not Surfaced	22.469
Percentage AS Surfaced	95.980
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	22.469	661.794	0.00	2.165	0.640	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

CHICKASAW

19

County Miles Summary

Secondary Miles	849.421	Rural Open Roads All Systems	910.486
Secondary Open Miles	847.453	Rural Primary Miles	68.447
Secondary Legal Not Open (LNO) Miles	1.968	Rural Open Surfaced Miles	901.061
Secondary Open Surfaced Miles	838.028	Total Open New/Resurfaced Rural Miles 2019	9.689
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	691.461	0.640	90.002	55.926	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	9.689	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	243.331
FM Miles Open	243.331
FM Miles LNO	0.000
FM Open Miles Surfaced	242.324
FM Open Miles Not Surfaced	1.007
Percentage FM Surfaced	99.590
FM Open New/Resurfaced FM Miles 2019	9.689
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	89.202	55.024	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	9.689	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	606.091
AS Miles Open	604.123
AS Miles LNO	1.968
AS Open Miles Surfaced	595.705
AS Open Miles Not Surfaced	8.418
Percentage AS Surfaced	98.290
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	8.418	593.363	0.64	0.800	0.902	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

CLARKE

20

County Miles Summary

Secondary Miles	660.705	Rural Open Roads All Systems	713.717
Secondary Open Miles	657.071	Rural Primary Miles	57.485
Secondary Legal Not Open (LNO) Miles	3.635	Rural Open Surfaced Miles	649.706
Secondary Open Surfaced Miles	593.087	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	63.984	Total Open Rural Miles Unknown Surface Type	0.027
Percentage Surfaced Secondary Roads	89.600	Percentage County Miles FM	38.580

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	63.984	532.432	4.153	10.578	45.925	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	252.330
FM Miles Open	252.330
FM Miles LNO	0.000
FM Open Miles Surfaced	252.330
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	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	193.047	4.025	9.368	45.891	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	408.376
AS Miles Open	404.741
AS Miles LNO	3.635
AS Open Miles Surfaced	340.758
AS Open Miles Not Surfaced	63.984
Percentage AS Surfaced	83.200
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	63.984	339.386	0.13	1.210	0.034	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

CLAY

21

County Miles Summary

Secondary Miles	970.530	Rural Open Roads All Systems	1,021.834
Secondary Open Miles	969.956	Rural Primary Miles	51.894
Secondary Legal Not Open (LNO) Miles	0.574	Rural Open Surfaced Miles	1,018.451
Secondary Open Surfaced Miles	966.573	Total Open New/Resurfaced Rural Miles 2019	20.645
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	32.650

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	3.383	737.307	0.000	155.543	73.724	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	15.182	5.463	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	311.900
FM Miles Open	311.900
FM Miles LNO	0.000
FM Open Miles Surfaced	311.900
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	20.645
FM in Municipalities Populated Less Than 500	4.581
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	94.216	0.000	150.497	67.188	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	15.182	5.463	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	658.630
AS Miles Open	658.056
AS Miles LNO	0.574
AS Open Miles Surfaced	654.673
AS Open Miles Not Surfaced	3.383
Percentage AS Surfaced	99.400
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	3.383	643.091	0.00	5.046	6.536	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

CLAYTON

22

County Miles Summary

Secondary Miles	1,091.462	Rural Open Roads All Systems	1,173.504
Secondary Open Miles	1,080.563	Rural Primary Miles	102.944
Secondary Legal Not Open (LNO) Miles	11.092	Rural Open Surfaced Miles	1,147.860
Secondary Open Surfaced Miles	1,055.080	Total Open New/Resurfaced Rural Miles 2019	9.113
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	836.436	25.679	76.605	116.360	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.311	8.802	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 2019	8.802
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 2019	0.000	0.000	0.000	0.000	8.802	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	678.130
AS Miles Open	667.038
AS Miles LNO	11.092
AS Open Miles Surfaced	641.748
AS Open Miles Not Surfaced	25.290
Percentage AS Surfaced	94.930
AS Open New/Resurfaced AS Miles 2019	0.311
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	25.290	623.681	9.44	3.313	5.311	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.311	0.000	0.000

CLINTON

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County Miles Summary

Secondary Miles	1,005.927	Rural Open Roads All Systems	1,091.957
Secondary Open Miles	1,001.137	Rural Primary Miles	94.227
Secondary Legal Not Open (LNO) Miles	4.790	Rural Open Surfaced Miles	1,088.506
Secondary Open Surfaced Miles	997.686	Total Open New/Resurfaced Rural Miles 2019	0.249
Secondary Open Not Surfaced Miles	3.451	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	99.170	Percentage County Miles FM	36.990

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	3.451	768.570	3.807	189.522	35.787	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.249	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	353.264
FM Miles Open	353.264
FM Miles LNO	0.000
FM Open Miles Surfaced	353.264
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	0.249
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	0.000	152.814	2.041	166.195	32.214	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.249	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	652.664
AS Miles Open	647.874
AS Miles LNO	4.790
AS Open Miles Surfaced	644.423
AS Open Miles Not Surfaced	3.451
Percentage AS Surfaced	98.780
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	3.451	615.757	1.77	23.327	3.573	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

CRAWFORD

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County Miles Summary

Secondary Miles	1,218.145	Rural Open Roads All Systems	1,294.138
Secondary Open Miles	1,205.576	Rural Primary Miles	93.614
Secondary Legal Not Open (LNO) Miles	12.570	Rural Open Surfaced Miles	1,115.489
Secondary Open Surfaced Miles	1,026.927	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	178.649	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	84.280	Percentage County Miles FM	31.780

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	178.649	884.125	3.719	88.822	50.262	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	382.903
FM Miles Open	382.903
FM Miles LNO	0.000
FM Open Miles Surfaced	381.468
FM Open Miles Not Surfaced	1.435
Percentage FM Surfaced	99.630
FM Open New/Resurfaced FM Miles 2019	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	1.435	245.282	1.559	86.379	48.249	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	835.243
AS Miles Open	822.673
AS Miles LNO	12.570
AS Open Miles Surfaced	645.459
AS Open Miles Not Surfaced	177.214
Percentage AS Surfaced	77.340
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	177.214	638.843	2.16	2.443	2.013	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

DALLAS

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County Miles Summary

Secondary Miles	851.797	Rural Open Roads All Systems	927.786
Secondary Open Miles	846.001	Rural Primary Miles	82.491
Secondary Legal Not Open (LNO) Miles	5.797	Rural Open Surfaced Miles	925.880
Secondary Open Surfaced Miles	844.097	Total Open New/Resurfaced Rural Miles 2019	0.014
Secondary Open Not Surfaced Miles	1.903	Total Open Rural Miles Unknown Surface Type	0.003
Percentage Surfaced Secondary Roads	99.090	Percentage County Miles FM	38.900

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	1.903	657.104	2.630	75.725	108.638	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.014	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	284.295
FM Miles Open	284.295
FM Miles LNO	0.000
FM Open Miles Surfaced	284.295
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	0.836
FM in Municipalities Populated Less Than 500	4.696
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	108.052	0.415	71.989	103.839	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	567.502
AS Miles Open	561.705
AS Miles LNO	5.797
AS Open Miles Surfaced	559.802
AS Open Miles Not Surfaced	1.903
Percentage AS Surfaced	98.830
AS Open New/Resurfaced AS Miles 2019	0.014
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	1.903	549.052	2.22	3.736	4.799	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.014	0.000

DAVIS

26

County Miles Summary

Secondary Miles	795.137	Rural Open Roads All Systems	845.546
Secondary Open Miles	794.524	Rural Primary Miles	48.036
Secondary Legal Not Open (LNO) Miles	0.623	Rural Open Surfaced Miles	789.509
Secondary Open Surfaced Miles	738.585	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	55.939	Total Open Rural Miles Unknown Surface Type	0.098
Percentage Surfaced Secondary Roads	92.420	Percentage County Miles FM	34.960

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	55.939	648.547	0.103	82.000	7.935	0.000
Total New/Resurfaced Miles 2019	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 2019	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	190.926	0.103	80.482	5.173	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	518.454
AS Miles Open	517.831
AS Miles LNO	0.623
AS Open Miles Surfaced	461.892
AS Open Miles Not Surfaced	55.939
Percentage AS Surfaced	89.250
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	55.939	457.612	0.00	1.518	2.762	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

DECATUR

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County Miles Summary

Secondary Miles	783.451	Rural Open Roads All Systems	843.134
Secondary Open Miles	771.098	Rural Primary Miles	72.712
Secondary Legal Not Open (LNO) Miles	12.354	Rural Open Surfaced Miles	764.408
Secondary Open Surfaced Miles	693.226	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	77.872	Total Open Rural Miles Unknown Surface Type	0.357
Percentage Surfaced Secondary Roads	87.860	Percentage County Miles FM	41.300

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	77.872	568.002	8.318	48.920	67.987	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	323.029
FM Miles Open	323.029
FM Miles LNO	0.000
FM Open Miles Surfaced	323.029
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	0.000
FM in Municipalities Populated Less Than 500	6.662
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	200.158	6.632	48.920	67.320	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	460.422
AS Miles Open	448.069
AS Miles LNO	12.354
AS Open Miles Surfaced	370.197
AS Open Miles Not Surfaced	77.872
Percentage AS Surfaced	80.130
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	77.872	367.844	1.69	0.000	0.667	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

DELAWARE

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County Miles Summary

Secondary Miles	912.949	Rural Open Roads All Systems	1,001.432
Secondary Open Miles	908.879	Rural Primary Miles	85.392
Secondary Legal Not Open (LNO) Miles	4.075	Rural Open Surfaced Miles	990.702
Secondary Open Surfaced Miles	898.961	Total Open New/Resurfaced Rural Miles 2019	16.866
Secondary Open Not Surfaced Miles	9.918	Total Open Rural Miles Unknown Surface Type	0.812
Percentage Surfaced Secondary Roads	98.450	Percentage County Miles FM	33.300

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	9.918	662.449	0.271	134.458	101.783	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	14.582	2.284	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	293.808
FM Miles Open	293.808
FM Miles LNO	0.000
FM Open Miles Surfaced	293.808
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	14.582
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	124.163	90.557	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	14.582	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	619.141
AS Miles Open	615.066
AS Miles LNO	4.075
AS Open Miles Surfaced	605.148
AS Open Miles Not Surfaced	9.918
Percentage AS Surfaced	97.870
AS Open New/Resurfaced AS Miles 2019	2.284
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	9.918	583.356	0.27	10.295	11.226	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	2.284	0.000

DES MOINES

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County Miles Summary

Secondary Miles	641.106	Rural Open Roads All Systems	670.870
Secondary Open Miles	637.299	Rural Primary Miles	34.262
Secondary Legal Not Open (LNO) Miles	3.849	Rural Open Surfaced Miles	615.294
Secondary Open Surfaced Miles	581.723	Total Open New/Resurfaced Rural Miles 2019	0.568
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	41.560

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	55.576	452.024	0.154	87.069	42.476	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.568	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	248.560
FM Miles Open	248.560
FM Miles LNO	0.000
FM Open Miles Surfaced	248.560
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	0.893
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	137.362	0.000	75.381	35.817	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.568	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	392.547
AS Miles Open	388.698
AS Miles LNO	3.849
AS Open Miles Surfaced	333.121
AS Open Miles Not Surfaced	55.576
Percentage AS Surfaced	84.960
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.001

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	55.576	314.638	0.15	11.678	6.651	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

DICKINSON

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County Miles Summary

Secondary Miles	656.647	Rural Open Roads All Systems	706.184
Secondary Open Miles	653.228	Rural Primary Miles	43.828
Secondary Legal Not Open (LNO) Miles	3.423	Rural Open Surfaced Miles	687.820
Secondary Open Surfaced Miles	635.426	Total Open New/Resurfaced Rural Miles 2019	2.081
Secondary Open Not Surfaced Miles	17.802	Total Open Rural Miles Unknown Surface Type	0.562
Percentage Surfaced Secondary Roads	95.700	Percentage County Miles FM	35.100

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	17.802	448.769	7.241	101.229	78.187	0.000
Total New/Resurfaced Miles 2019	0.000	1.077	0.000	1.004	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	224.169
FM Miles Open	224.169
FM Miles LNO	0.000
FM Open Miles Surfaced	224.169
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	1.201
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	86.178	1.950	78.167	57.874	0.000
FM New/Resurfaced Miles 2019	0.000	1.077	0.000	0.124	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	432.478
AS Miles Open	429.055
AS Miles LNO	3.423
AS Open Miles Surfaced	411.253
AS Open Miles Not Surfaced	17.802
Percentage AS Surfaced	95.160
AS Open New/Resurfaced AS Miles 2019	0.880
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	17.802	362.591	5.29	23.058	20.313	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.880	0.000	0.000

DUBUQUE

31

County Miles Summary

Secondary Miles	781.684	Rural Open Roads All Systems	865.218
Secondary Open Miles	768.688	Rural Primary Miles	103.544
Secondary Legal Not Open (LNO) Miles	13.027	Rural Open Surfaced Miles	860.371
Secondary Open Surfaced Miles	763.935	Total Open New/Resurfaced Rural Miles 2019	53.715
Secondary Open Not Surfaced Miles	4.753	Total Open Rural Miles Unknown Surface Type	0.094
Percentage Surfaced Secondary Roads	97.700	Percentage County Miles FM	46.050

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	4.753	302.990	155.756	228.832	76.255	0.102
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	53.715	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	321.579
FM Miles Open	321.579
FM Miles LNO	0.000
FM Open Miles Surfaced	321.579
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	28.934
FM in Municipalities Populated Less Than 500	6.424
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	27.696	55.305	165.879	72.597	0.102
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	28.934	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	460.105
AS Miles Open	447.078
AS Miles LNO	13.027
AS Open Miles Surfaced	442.325
AS Open Miles Not Surfaced	4.753
Percentage AS Surfaced	96.520
AS Open New/Resurfaced AS Miles 2019	24.781
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	4.753	275.263	100.45	62.953	3.658	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	24.781	0.000	0.000

EMMET

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County Miles Summary

Secondary Miles	644.321	Rural Open Roads All Systems	701.545
Secondary Open Miles	643.471	Rural Primary Miles	52.186
Secondary Legal Not Open (LNO) Miles	0.850	Rural Open Surfaced Miles	698.162
Secondary Open Surfaced Miles	640.421	Total Open New/Resurfaced Rural Miles 2019	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	458.232	0.004	156.741	25.444	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	180.629
FM Miles Open	180.629
FM Miles LNO	0.000
FM Open Miles Surfaced	180.629
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	0.000
FM in Municipalities Populated Less Than 500	2.558
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	145.607	24.011	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	463.693
AS Miles Open	462.843
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 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	3.051	447.221	0.00	11.134	1.433	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

FAYETTE

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County Miles Summary

Secondary Miles	1,148.115	Rural Open Roads All Systems	1,267.263
Secondary Open Miles	1,145.771	Rural Primary Miles	119.236
Secondary Legal Not Open (LNO) Miles	2.344	Rural Open Surfaced Miles	1,266.384
Secondary Open Surfaced Miles	1,145.559	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	0.212	Total Open Rural Miles Unknown Surface Type	0.291
Percentage Surfaced Secondary Roads	99.730	Percentage County Miles FM	32.360

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	0.212	909.515	2.463	141.222	92.359	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	358.317
FM Miles Open	358.317
FM Miles LNO	0.000
FM Open Miles Surfaced	358.317
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	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	139.500	90.671	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	789.798
AS Miles Open	787.454
AS Miles LNO	2.344
AS Open Miles Surfaced	787.242
AS Open Miles Not Surfaced	0.212
Percentage AS Surfaced	99.680
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	0.212	781.661	2.17	1.722	1.688	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

FLOYD

34

County Miles Summary

Secondary Miles	890.852	Rural Open Roads All Systems	940.516
Secondary Open Miles	889.096	Rural Primary Miles	56.666
Secondary Legal Not Open (LNO) Miles	2.114	Rural Open Surfaced Miles	939.953
Secondary Open Surfaced Miles	888.533	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	0.563	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	99.700	Percentage County Miles FM	31.250

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	0.563	712.241	2.459	116.822	57.011	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	269.939
FM Miles Open	269.939
FM Miles LNO	0.000
FM Open Miles Surfaced	269.939
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	0.000
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	51.538	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	620.913
AS Miles Open	618.799
AS Miles LNO	2.114
AS Open Miles Surfaced	618.236
AS Open Miles Not Surfaced	0.563
Percentage AS Surfaced	99.610
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	0.563	602.846	2.46	7.458	5.473	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

FRANKLIN

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County Miles Summary

Secondary Miles	1,011.097	Rural Open Roads All Systems	1,073.159
Secondary Open Miles	1,008.955	Rural Primary Miles	69.870
Secondary Legal Not Open (LNO) Miles	2.142	Rural Open Surfaced Miles	1,049.163
Secondary Open Surfaced Miles	985.801	Total Open New/Resurfaced Rural Miles 2019	0.000
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	37.690

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	23.154	763.803	0.000	176.958	45.040	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	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 2019	0.000
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	161.431	0.000	167.079	43.373	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	639.215
AS Miles Open	637.073
AS Miles LNO	2.142
AS Open Miles Surfaced	613.919
AS Open Miles Not Surfaced	23.154
Percentage AS Surfaced	96.050
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	23.154	602.373	0.00	9.879	1.667	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

FREMONT

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County Miles Summary

Secondary Miles	783.832	Rural Open Roads All Systems	876.398
Secondary Open Miles	779.610	Rural Primary Miles	88.597
Secondary Legal Not Open (LNO) Miles	4.231	Rural Open Surfaced Miles	741.504
Secondary Open Surfaced Miles	645.027	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	134.579	Total Open Rural Miles Unknown Surface Type	0.316
Percentage Surfaced Secondary Roads	81.500	Percentage County Miles FM	36.650

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	134.579	447.264	91.055	69.187	37.522	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	287.522
FM Miles Open	287.522
FM Miles LNO	0.000
FM Open Miles Surfaced	286.350
FM Open Miles Not Surfaced	1.172
Percentage FM Surfaced	99.590
FM Open New/Resurfaced FM Miles 2019	0.000
FM in Municipalities Populated Less Than 500	5.177
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	1.172	96.429	89.212	65.789	34.920	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	496.311
AS Miles Open	492.080
AS Miles LNO	4.231
AS Open Miles Surfaced	358.673
AS Open Miles Not Surfaced	133.407
Percentage AS Surfaced	71.950
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	133.407	350.831	1.84	3.398	2.602	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

GREENE

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County Miles Summary

Secondary Miles	962.834	Rural Open Roads All Systems	1,028.945
Secondary Open Miles	958.441	Rural Primary Miles	75.882
Secondary Legal Not Open (LNO) Miles	4.583	Rural Open Surfaced Miles	1,022.957
Secondary Open Surfaced Miles	952.452	Total Open New/Resurfaced Rural Miles 2019	2.249
Secondary Open Not Surfaced Miles	5.799	Total Open Rural Miles Unknown Surface Type	0.190
Percentage Surfaced Secondary Roads	98.900	Percentage County Miles FM	34.370

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	5.799	739.203	0.046	27.312	185.892	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	2.249	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	321.587
FM Miles Open	321.587
FM Miles LNO	0.000
FM Open Miles Surfaced	321.587
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	2.249
FM in Municipalities Populated Less Than 500	5.534
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	27.246	185.080	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	2.249	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	641.247
AS Miles Open	636.664
AS Miles LNO	4.583
AS Open Miles Surfaced	630.866
AS Open Miles Not Surfaced	5.799
Percentage AS Surfaced	98.380
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	5.799	629.942	0.05	0.066	0.812	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

GRUNDY

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County Miles Summary

Secondary Miles	829.018	Rural Open Roads All Systems	900.762
Secondary Open Miles	828.732	Rural Primary Miles	73.554
Secondary Legal Not Open (LNO) Miles	0.288	Rural Open Surfaced Miles	893.977
Secondary Open Surfaced Miles	821.947	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	6.785	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	99.150	Percentage County Miles FM	35.100

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	6.785	632.183	1.485	178.647	9.633	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	283.501
FM Miles Open	283.501
FM Miles LNO	0.000
FM Open Miles Surfaced	283.501
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	0.000
FM in Municipalities Populated Less Than 500	1.524
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	95.168	1.162	177.853	9.319	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	545.517
AS Miles Open	545.229
AS Miles LNO	0.288
AS Open Miles Surfaced	538.444
AS Open Miles Not Surfaced	6.785
Percentage AS Surfaced	98.700
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	6.785	537.013	0.32	0.794	0.314	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

GUTHRIE

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County Miles Summary

Secondary Miles	954.907	Rural Open Roads All Systems	1,027.307
Secondary Open Miles	947.054	Rural Primary Miles	78.081
Secondary Legal Not Open (LNO) Miles	7.856	Rural Open Surfaced Miles	960.851
Secondary Open Surfaced Miles	880.849	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	66.205	Total Open Rural Miles Unknown Surface Type	0.127
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	735.641	0.353	54.922	89.934	0.000
Total New/Resurfaced Miles 2019	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 2019	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 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	646.877
AS Miles Open	639.021
AS Miles LNO	7.856
AS Open Miles Surfaced	572.816
AS Open Miles Not Surfaced	66.205
Percentage AS Surfaced	88.640
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	66.205	564.467	0.28	0.521	7.547	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

HAMILTON

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County Miles Summary

Secondary Miles	932.985	Rural Open Roads All Systems	1,042.180
Secondary Open Miles	931.931	Rural Primary Miles	112.544
Secondary Legal Not Open (LNO) Miles	1.054	Rural Open Surfaced Miles	1,040.439
Secondary Open Surfaced Miles	930.190	Total Open New/Resurfaced Rural Miles 2019	9.591
Secondary Open Not Surfaced Miles	1.741	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	99.700	Percentage County Miles FM	38.110

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	1.741	712.896	0.000	185.050	32.244	0.000
Total New/Resurfaced Miles 2019	0.000	0.723	0.000	8.151	0.717	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	343.071
FM Miles Open	342.815
FM Miles LNO	0.256
FM Open Miles Surfaced	342.815
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	9.482
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	128.599	0.000	182.702	31.515	0.000
FM New/Resurfaced Miles 2019	0.000	0.723	0.000	8.151	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	589.914
AS Miles Open	589.116
AS Miles LNO	0.798
AS Open Miles Surfaced	587.375
AS Open Miles Not Surfaced	1.741
Percentage AS Surfaced	99.570
AS Open New/Resurfaced AS Miles 2019	0.717
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	1.741	584.298	0.00	2.348	0.729	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.717	0.000

HANCOCK

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County Miles Summary

Secondary Miles	1,012.453	Rural Open Roads All Systems	1,059.671
Secondary Open Miles	1,009.914	Rural Primary Miles	49.891
Secondary Legal Not Open (LNO) Miles	2.539	Rural Open Surfaced Miles	1,055.082
Secondary Open Surfaced Miles	1,005.403	Total Open New/Resurfaced Rural Miles 2019	9.707
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	32.380

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	4.511	751.766	0.520	220.968	32.150	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	9.707	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	317.002
FM Miles Open	317.002
FM Miles LNO	0.000
FM Open Miles Surfaced	317.002
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	9.707
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	0.000	74.330	0.000	212.011	30.662	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	9.707	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	695.451
AS Miles Open	692.912
AS Miles LNO	2.539
AS Open Miles Surfaced	688.401
AS Open Miles Not Surfaced	4.511
Percentage AS Surfaced	98.990
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	4.511	677.436	0.52	8.957	1.488	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

HARDIN

42

County Miles Summary

Secondary Miles	1,005.453	Rural Open Roads All Systems	1,066.270
Secondary Open Miles	1,002.199	Rural Primary Miles	70.343
Secondary Legal Not Open (LNO) Miles	3.254	Rural Open Surfaced Miles	1,062.438
Secondary Open Surfaced Miles	998.367	Total Open New/Resurfaced Rural Miles 2019	12.335
Secondary Open Not Surfaced Miles	3.832	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	99.290	Percentage County Miles FM	41.050

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	3.832	777.192	3.387	190.271	27.518	0.000
Total New/Resurfaced Miles 2019	0.000	0.322	0.000	12.013	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	394.549
FM Miles Open	394.549
FM Miles LNO	0.000
FM Open Miles Surfaced	394.549
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	12.335
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	178.873	1.892	186.275	27.510	0.000
FM New/Resurfaced Miles 2019	0.000	0.322	0.000	12.013	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	610.905
AS Miles Open	607.651
AS Miles LNO	3.254
AS Open Miles Surfaced	603.819
AS Open Miles Not Surfaced	3.832
Percentage AS Surfaced	98.990
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	3.832	598.320	1.50	3.996	0.008	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

HARRISON

43

County Miles Summary

Secondary Miles	1,109.096	Rural Open Roads All Systems	1,194.113
Secondary Open Miles	1,088.415	Rural Primary Miles	104.041
Secondary Legal Not Open (LNO) Miles	20.682	Rural Open Surfaced Miles	1,058.391
Secondary Open Surfaced Miles	952.693	Total Open New/Resurfaced Rural Miles 2019	1.278
Secondary Open Not Surfaced Miles	135.722	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	85.820	Percentage County Miles FM	33.380

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	135.722	787.244	47.453	82.359	35.637	0.000
Total New/Resurfaced Miles 2019	0.000	1.023	0.091	0.164	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	366.775
FM Miles Open	366.775
FM Miles LNO	0.000
FM Open Miles Surfaced	366.529
FM Open Miles Not Surfaced	0.246
Percentage FM Surfaced	99.930
FM Open New/Resurfaced FM Miles 2019	0.000
FM in Municipalities Populated Less Than 500	6.268
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.246	208.707	41.175	81.069	35.578	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	742.322
AS Miles Open	721.640
AS Miles LNO	20.682
AS Open Miles Surfaced	586.165
AS Open Miles Not Surfaced	135.476
Percentage AS Surfaced	79.170
AS Open New/Resurfaced AS Miles 2019	1.278
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	135.476	578.538	6.28	1.290	0.059	0.000
AS New/Resurfaced Miles 2019	0.000	1.023	0.09	0.164	0.000	0.000

HENRY

44

County Miles Summary

Secondary Miles	749.355	Rural Open Roads All Systems	811.579
Secondary Open Miles	745.983	Rural Primary Miles	63.091
Secondary Legal Not Open (LNO) Miles	3.372	Rural Open Surfaced Miles	743.651
Secondary Open Surfaced Miles	678.513	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	67.469	Total Open Rural Miles Unknown Surface Type	0.459
Percentage Surfaced Secondary Roads	90.540	Percentage County Miles FM	38.020

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	67.469	541.359	3.756	82.782	50.244	0.372
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	276.412
FM Miles Open	276.412
FM Miles LNO	0.000
FM Open Miles Surfaced	276.412
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	1.161
FM in Municipalities Populated Less Than 500	3.810
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	156.279	0.145	74.817	45.171	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	472.943
AS Miles Open	469.571
AS Miles LNO	3.372
AS Open Miles Surfaced	402.102
AS Open Miles Not Surfaced	67.469
Percentage AS Surfaced	85.130
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.001

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	67.469	385.081	3.61	7.965	5.073	0.372
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

HOWARD

45

County Miles Summary

Secondary Miles	754.824	Rural Open Roads All Systems	794.590
Secondary Open Miles	753.614	Rural Primary Miles	42.951
Secondary Legal Not Open (LNO) Miles	1.210	Rural Open Surfaced Miles	792.867
Secondary Open Surfaced Miles	751.891	Total Open New/Resurfaced Rural Miles 2019	0.877
Secondary Open Not Surfaced Miles	1.723	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	98.660	Percentage County Miles FM	32.790

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	1.723	622.704	4.313	95.640	29.235	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.877	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	240.756
FM Miles Open	240.756
FM Miles LNO	0.000
FM Open Miles Surfaced	240.756
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	0.601
FM in Municipalities Populated Less Than 500	2.193
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	116.361	1.571	94.135	28.690	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.601	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	514.068
AS Miles Open	512.858
AS Miles LNO	1.210
AS Open Miles Surfaced	511.135
AS Open Miles Not Surfaced	1.723
Percentage AS Surfaced	99.450
AS Open New/Resurfaced AS Miles 2019	0.276
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	1.723	506.343	2.74	1.505	0.545	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.276	0.000

HUMBOLDT

46

County Miles Summary

Secondary Miles	721.300	Rural Open Roads All Systems	755.882
Secondary Open Miles	720.678	Rural Primary Miles	43.416
Secondary Legal Not Open (LNO) Miles	0.622	Rural Open Surfaced Miles	755.201
Secondary Open Surfaced Miles	720.029	Total Open New/Resurfaced Rural Miles 2019	13.193
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	29.720

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	0.650	516.727	0.248	145.609	57.445	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	13.193	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	210.269
FM Miles Open	210.269
FM Miles LNO	0.000
FM Open Miles Surfaced	210.269
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	13.193
FM in Municipalities Populated Less Than 500	10.695
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	132.423	57.445	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	13.193	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	511.032
AS Miles Open	510.410
AS Miles LNO	0.622
AS Open Miles Surfaced	509.760
AS Open Miles Not Surfaced	0.650
Percentage AS Surfaced	99.750
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	0.650	496.326	0.25	13.186	0.000	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

IDA

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County Miles Summary

Secondary Miles	732.170	Rural Open Roads All Systems	779.293
Secondary Open Miles	723.526	Rural Primary Miles	57.413
Secondary Legal Not Open (LNO) Miles	8.835	Rural Open Surfaced Miles	731.085
Secondary Open Surfaced Miles	675.319	Total Open New/Resurfaced Rural Miles 2019	38.882
Secondary Open Not Surfaced Miles	48.208	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	92.210	Percentage County Miles FM	31.070

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	48.208	550.227	0.000	79.094	45.998	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	26.428	12.454	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	225.918
FM Miles Open	225.918
FM Miles LNO	0.000
FM Open Miles Surfaced	225.918
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	38.687
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	105.295	0.000	78.946	41.677	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	26.428	12.259	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	506.252
AS Miles Open	497.418
AS Miles LNO	8.835
AS Open Miles Surfaced	449.210
AS Open Miles Not Surfaced	48.208
Percentage AS Surfaced	89.300
AS Open New/Resurfaced AS Miles 2019	0.195
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	48.208	444.783	0.00	0.148	4.279	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.195	0.000

IOWA

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County Miles Summary

Secondary Miles	934.471	Rural Open Roads All Systems	1,025.668
Secondary Open Miles	926.960	Rural Primary Miles	98.600
Secondary Legal Not Open (LNO) Miles	7.511	Rural Open Surfaced Miles	954.430
Secondary Open Surfaced Miles	855.722	Total Open New/Resurfaced Rural Miles 2019	2.992
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	698.538	6.329	75.531	75.325	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	2.992	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	354.654
FM Miles Open	354.654
FM Miles LNO	0.000
FM Open Miles Surfaced	354.268
FM Open Miles Not Surfaced	0.386
Percentage FM Surfaced	99.890
FM Open New/Resurfaced FM Miles 2019	2.992
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	207.391	5.121	72.530	69.227	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	2.992	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	579.817
AS Miles Open	572.306
AS Miles LNO	7.511
AS Open Miles Surfaced	501.454
AS Open Miles Not Surfaced	70.852
Percentage AS Surfaced	86.490
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	70.852	491.147	1.21	3.001	6.098	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

JACKSON

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County Miles Summary

Secondary Miles	846.616	Rural Open Roads All Systems	941.658
Secondary Open Miles	840.418	Rural Primary Miles	101.612
Secondary Legal Not Open (LNO) Miles	6.198	Rural Open Surfaced Miles	904.493
Secondary Open Surfaced Miles	803.830	Total Open New/Resurfaced Rural Miles 2019	6.660
Secondary Open Not Surfaced Miles	36.588	Total Open Rural Miles Unknown Surface Type	0.551
Percentage Surfaced Secondary Roads	94.940	Percentage County Miles FM	40.900

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	36.588	596.179	5.507	64.241	137.903	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	6.660	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	341.474
FM Miles Open	341.474
FM Miles LNO	0.000
FM Open Miles Surfaced	340.056
FM Open Miles Not Surfaced	1.418
Percentage FM Surfaced	99.580
FM Open New/Resurfaced FM Miles 2019	6.660
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	150.862	1.856	56.615	130.723	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	6.660	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	505.142
AS Miles Open	498.944
AS Miles LNO	6.198
AS Open Miles Surfaced	463.774
AS Open Miles Not Surfaced	35.170
Percentage AS Surfaced	91.910
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	35.170	445.317	3.65	7.626	7.180	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

JASPER

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County Miles Summary

Secondary Miles	1,227.290	Rural Open Roads All Systems	1,339.102
Secondary Open Miles	1,207.714	Rural Primary Miles	120.297
Secondary Legal Not Open (LNO) Miles	19.576	Rural Open Surfaced Miles	1,301.405
Secondary Open Surfaced Miles	1,170.187	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	37.527	Total Open Rural Miles Unknown Surface Type	0.170
Percentage Surfaced Secondary Roads	95.340	Percentage County Miles FM	34.410

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	37.527	926.911	1.745	179.490	62.042	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	410.765
FM Miles Open	410.765
FM Miles LNO	0.000
FM Open Miles Surfaced	410.765
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	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	0.369	148.954	55.856	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	816.525
AS Miles Open	796.949
AS Miles LNO	19.576
AS Open Miles Surfaced	759.422
AS Open Miles Not Surfaced	37.527
Percentage AS Surfaced	93.080
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	37.527	721.325	1.38	30.536	6.186	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

JEFFERSON

51

County Miles Summary

Secondary Miles	762.682	Rural Open Roads All Systems	796.046
Secondary Open Miles	760.294	Rural Primary Miles	44.158
Secondary Legal Not Open (LNO) Miles	2.388	Rural Open Surfaced Miles	699.570
Secondary Open Surfaced Miles	663.819	Total Open New/Resurfaced Rural Miles 2019	0.503
Secondary Open Not Surfaced Miles	96.476	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	87.040	Percentage County Miles FM	38.950

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	96.476	520.595	2.992	79.099	61.133	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.503	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	291.534
FM Miles Open	291.534
FM Miles LNO	0.000
FM Open Miles Surfaced	291.534
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	0.000
FM in Municipalities Populated Less Than 500	8.407
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	157.505	1.347	73.227	59.456	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	471.148
AS Miles Open	468.760
AS Miles LNO	2.388
AS Open Miles Surfaced	372.285
AS Open Miles Not Surfaced	96.476
Percentage AS Surfaced	79.210
AS Open New/Resurfaced AS Miles 2019	0.503
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	96.476	363.091	1.65	5.872	1.677	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.503	0.000

JOHNSON

52

County Miles Summary

Secondary Miles	916.530	Rural Open Roads All Systems	1,026.674
Secondary Open Miles	914.141	Rural Primary Miles	80.936
Secondary Legal Not Open (LNO) Miles	2.389	Rural Open Surfaced Miles	984.604
Secondary Open Surfaced Miles	873.307	Total Open New/Resurfaced Rural Miles 2019	13.983
Secondary Open Not Surfaced Miles	40.835	Total Open Rural Miles Unknown Surface Type	1.236
Percentage Surfaced Secondary Roads	95.220	Percentage County Miles FM	38.450

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	40.835	572.476	121.910	129.607	49.314	0.000
Total New/Resurfaced Miles 2019	0.000	0.932	0.769	4.300	7.982	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	315.825
FM Miles Open	315.825
FM Miles LNO	0.000
FM Open Miles Surfaced	315.825
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	8.393
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	68.325	87.076	121.484	38.941	0.000
FM New/Resurfaced Miles 2019	0.000	0.932	0.000	4.300	2.582	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	600.705
AS Miles Open	598.316
AS Miles LNO	2.389
AS Open Miles Surfaced	557.482
AS Open Miles Not Surfaced	40.835
Percentage AS Surfaced	92.910
AS Open New/Resurfaced AS Miles 2019	6.169
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	40.835	504.152	34.83	8.123	10.373	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.77	0.000	5.400	0.000

JONES

53

County Miles Summary

Secondary Miles	845.675	Rural Open Roads All Systems	944.483
Secondary Open Miles	842.767	Rural Primary Miles	95.788
Secondary Legal Not Open (LNO) Miles	2.949	Rural Open Surfaced Miles	917.338
Secondary Open Surfaced Miles	815.622	Total Open New/Resurfaced Rural Miles 2019	4.146
Secondary Open Not Surfaced Miles	27.112	Total Open Rural Miles Unknown Surface Type	0.033
Percentage Surfaced Secondary Roads	96.440	Percentage County Miles FM	37.610

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	27.112	653.712	2.924	19.231	139.755	0.000
Total New/Resurfaced Miles 2019	0.000	2.691	1.259	0.000	0.196	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	310.587
FM Miles Open	310.587
FM Miles LNO	0.000
FM Open Miles Surfaced	308.893
FM Open Miles Not Surfaced	1.694
Percentage FM Surfaced	99.450
FM Open New/Resurfaced FM Miles 2019	0.289
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	0.289	7.418	136.137	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.289	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	535.088
AS Miles Open	532.139
AS Miles LNO	2.949
AS Open Miles Surfaced	506.722
AS Open Miles Not Surfaced	25.418
Percentage AS Surfaced	94.800
AS Open New/Resurfaced AS Miles 2019	3.857
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	25.418	488.663	2.64	11.813	3.611	0.000
AS New/Resurfaced Miles 2019	0.000	2.691	0.97	0.000	0.196	0.000

KEOKUK

54

County Miles Summary

Secondary Miles	922.468	Rural Open Roads All Systems	1,023.498
Secondary Open Miles	919.294	Rural Primary Miles	110.839
Secondary Legal Not Open (LNO) Miles	3.174	Rural Open Surfaced Miles	927.871
Secondary Open Surfaced Miles	823.666	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	95.628	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	89.290	Percentage County Miles FM	35.970

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	95.628	720.258	0.599	9.834	92.975	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	326.652
FM Miles Open	326.652
FM Miles LNO	0.000
FM Open Miles Surfaced	326.602
FM Open Miles Not Surfaced	0.050
Percentage FM Surfaced	99.980
FM Open New/Resurfaced FM Miles 2019	0.000
FM in Municipalities Populated Less Than 500	6.812
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.050	225.027	0.000	9.813	91.762	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	595.816
AS Miles Open	592.642
AS Miles LNO	3.174
AS Open Miles Surfaced	497.064
AS Open Miles Not Surfaced	95.578
Percentage AS Surfaced	83.430
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	95.578	495.231	0.60	0.021	1.213	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

KOSSUTH

55

County Miles Summary

Secondary Miles	1,648.894	Rural Open Roads All Systems	1,760.361
Secondary Open Miles	1,647.576	Rural Primary Miles	110.714
Secondary Legal Not Open (LNO) Miles	1.318	Rural Open Surfaced Miles	1,728.774
Secondary Open Surfaced Miles	1,618.018	Total Open New/Resurfaced Rural Miles 2019	15.924
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	30.910

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	29.559	1,104.473	0.229	511.207	2.109	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	15.924	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	509.005
FM Miles Open	509.005
FM Miles LNO	0.000
FM Open Miles Surfaced	509.005
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	14.926
FM in Municipalities Populated Less Than 500	4.424
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	15.150	0.067	492.513	1.276	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	14.926	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	1,139.889
AS Miles Open	1,138.571
AS Miles LNO	1.318
AS Open Miles Surfaced	1,109.013
AS Open Miles Not Surfaced	29.559
Percentage AS Surfaced	97.320
AS Open New/Resurfaced AS Miles 2019	0.998
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	29.559	1,089.324	0.16	18.694	0.833	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.998	0.000	0.000

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

Secondary Miles	737.241	Rural Open Roads All Systems	847.225
Secondary Open Miles	734.693	Rural Primary Miles	106.213
Secondary Legal Not Open (LNO) Miles	2.551	Rural Open Surfaced Miles	836.991
Secondary Open Surfaced Miles	724.813	Total Open New/Resurfaced Rural Miles 2019	7.745
Secondary Open Not Surfaced Miles	9.846	Total Open Rural Miles Unknown Surface Type	0.072
Percentage Surfaced Secondary Roads	98.310	Percentage County Miles FM	40.080

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	9.846	525.745	26.050	92.640	80.379	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	7.745	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	280.220
FM Miles Open	280.220
FM Miles LNO	0.000
FM Open Miles Surfaced	280.186
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	99.990
FM Open New/Resurfaced FM Miles 2019	3.342
FM in Municipalities Populated Less Than 500	1.784
Fm Open Miles Unknown Surface Type	0.034

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	130.656	10.875	70.298	68.357	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	3.342	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	457.022
AS Miles Open	454.471
AS Miles LNO	2.551
AS Open Miles Surfaced	444.625
AS Open Miles Not Surfaced	9.846
Percentage AS Surfaced	97.290
AS Open New/Resurfaced AS Miles 2019	4.403
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	9.846	395.086	15.18	22.342	12.022	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	4.403	0.000	0.000

LINN

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County Miles Summary

Secondary Miles	1,130.400	Rural Open Roads All Systems	1,223.466
Secondary Open Miles	1,126.926	Rural Primary Miles	85.814
Secondary Legal Not Open (LNO) Miles	4.953	Rural Open Surfaced Miles	1,207.213
Secondary Open Surfaced Miles	1,111.876	Total Open New/Resurfaced Rural Miles 2019	8.121
Secondary Open Not Surfaced Miles	15.050	Total Open Rural Miles Unknown Surface Type	1.203
Percentage Surfaced Secondary Roads	98.020	Percentage County Miles FM	37.800

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	15.050	738.575	89.188	89.005	195.109	0.000
Total New/Resurfaced Miles 2019	0.000	1.045	4.182	1.173	1.721	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	329.162
FM Miles Open	329.162
FM Miles LNO	0.000
FM Open Miles Surfaced	328.812
FM Open Miles Not Surfaced	0.350
Percentage FM Surfaced	99.890
FM Open New/Resurfaced FM Miles 2019	2.648
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	55.894	41.431	61.757	169.730	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	2.586	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	801.238
AS Miles Open	796.285
AS Miles LNO	4.953
AS Open Miles Surfaced	781.585
AS Open Miles Not Surfaced	14.700
Percentage AS Surfaced	97.320
AS Open New/Resurfaced AS Miles 2019	5.028
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	14.700	682.408	47.24	27.091	24.851	0.000
AS New/Resurfaced Miles 2019	0.000	1.045	1.60	1.173	1.214	0.000

LOUISA

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County Miles Summary

Secondary Miles	598.280	Rural Open Roads All Systems	642.641
Secondary Open Miles	596.320	Rural Primary Miles	44.379
Secondary Legal Not Open (LNO) Miles	1.960	Rural Open Surfaced Miles	605.448
Secondary Open Surfaced Miles	559.127	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	37.194	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	93.460	Percentage County Miles FM	34.970

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	37.194	410.180	1.714	35.972	111.261	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	203.572
FM Miles Open	203.572
FM Miles LNO	0.000
FM Open Miles Surfaced	203.572
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	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	68.432	0.261	27.723	107.156	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	394.708
AS Miles Open	392.748
AS Miles LNO	1.960
AS Open Miles Surfaced	355.555
AS Open Miles Not Surfaced	37.194
Percentage AS Surfaced	90.080
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	37.194	341.748	1.45	8.249	4.105	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

LUCAS

59

County Miles Summary

Secondary Miles	636.146	Rural Open Roads All Systems	704.213
Secondary Open Miles	631.694	Rural Primary Miles	59.859
Secondary Legal Not Open (LNO) Miles	4.516	Rural Open Surfaced Miles	614.960
Secondary Open Surfaced Miles	546.039	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	85.600	Total Open Rural Miles Unknown Surface Type	0.808
Percentage Surfaced Secondary Roads	85.830	Percentage County Miles FM	35.190

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	85.600	493.795	0.070	26.844	25.330	0.000
Total New/Resurfaced Miles 2019	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 2019	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 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	421.177
AS Miles Open	416.661
AS Miles LNO	4.516
AS Open Miles Surfaced	331.061
AS Open Miles Not Surfaced	85.600
Percentage AS Surfaced	78.600
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	85.600	330.208	0.00	0.000	0.853	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

LYON

60

County Miles Summary

Secondary Miles	1,009.546	Rural Open Roads All Systems	1,070.014
Secondary Open Miles	1,007.882	Rural Primary Miles	64.612
Secondary Legal Not Open (LNO) Miles	1.664	Rural Open Surfaced Miles	1,066.408
Secondary Open Surfaced Miles	1,004.276	Total Open New/Resurfaced Rural Miles 2019	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	32.780

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	3.606	753.645	0.000	245.815	4.816	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	328.290
FM Miles Open	328.290
FM Miles LNO	0.000
FM Open Miles Surfaced	328.290
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	0.000
FM in Municipalities Populated Less Than 500	3.512
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	88.926	0.000	234.548	4.816	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	681.256
AS Miles Open	679.592
AS Miles LNO	1.664
AS Open Miles Surfaced	675.986
AS Open Miles Not Surfaced	3.606
Percentage AS Surfaced	99.260
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	3.606	664.719	0.00	11.267	0.000	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

MADISON

61

County Miles Summary

Secondary Miles	914.534	Rural Open Roads All Systems	955.231
Secondary Open Miles	908.366	Rural Primary Miles	49.370
Secondary Legal Not Open (LNO) Miles	8.402	Rural Open Surfaced Miles	913.089
Secondary Open Surfaced Miles	866.315	Total Open New/Resurfaced Rural Miles 2019	2.234
Secondary Open Not Surfaced Miles	42.052	Total Open Rural Miles Unknown Surface Type	0.091
Percentage Surfaced Secondary Roads	94.480	Percentage County Miles FM	36.410

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	42.052	744.284	7.528	68.942	45.561	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	2.234	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	328.039
FM Miles Open	328.039
FM Miles LNO	0.000
FM Open Miles Surfaced	327.937
FM Open Miles Not Surfaced	0.102
Percentage FM Surfaced	99.970
FM Open New/Resurfaced FM Miles 2019	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	0.102	208.590	7.528	68.623	43.197	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	586.495
AS Miles Open	578.093
AS Miles LNO	8.402
AS Open Miles Surfaced	536.144
AS Open Miles Not Surfaced	41.950
Percentage AS Surfaced	91.440
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	41.950	535.695	0.00	0.319	0.130	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

MAHASKA

62

County Miles Summary

Secondary Miles	988.956	Rural Open Roads All Systems	1,046.989
Secondary Open Miles	969.133	Rural Primary Miles	76.866
Secondary Legal Not Open (LNO) Miles	19.827	Rural Open Surfaced Miles	1,018.862
Secondary Open Surfaced Miles	941.287	Total Open New/Resurfaced Rural Miles 2019	5.041
Secondary Open Not Surfaced Miles	27.846	Total Open Rural Miles Unknown Surface Type	0.281
Percentage Surfaced Secondary Roads	95.170	Percentage County Miles FM	31.190

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	27.846	813.453	0.051	66.516	61.268	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	5.041	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	307.234
FM Miles Open	306.666
FM Miles LNO	0.568
FM Open Miles Surfaced	306.666
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	99.870
FM Open New/Resurfaced FM Miles 2019	5.041
FM in Municipalities Populated Less Than 500	4.599
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	191.655	0.000	64.114	50.897	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	5.041	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	681.722
AS Miles Open	662.464
AS Miles LNO	19.259
AS Open Miles Surfaced	634.618
AS Open Miles Not Surfaced	27.846
Percentage AS Surfaced	93.370
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	27.846	621.798	0.05	2.402	10.367	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

MARION

63

County Miles Summary

Secondary Miles	864.553	Rural Open Roads All Systems	959.470
Secondary Open Miles	852.283	Rural Primary Miles	78.227
Secondary Legal Not Open (LNO) Miles	12.270	Rural Open Surfaced Miles	924.720
Secondary Open Surfaced Miles	819.441	Total Open New/Resurfaced Rural Miles 2019	0.267
Secondary Open Not Surfaced Miles	32.842	Total Open Rural Miles Unknown Surface Type	1.102
Percentage Surfaced Secondary Roads	94.670	Percentage County Miles FM	38.650

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	32.842	654.900	24.954	85.144	54.443	0.000
Total New/Resurfaced Miles 2019	0.000	0.267	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 2019	0.267
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	190.356	5.585	76.659	42.585	0.000
FM New/Resurfaced Miles 2019	0.000	0.267	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	549.369
AS Miles Open	537.099
AS Miles LNO	12.270
AS Open Miles Surfaced	504.257
AS Open Miles Not Surfaced	32.842
Percentage AS Surfaced	91.980
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	32.842	464.545	19.37	8.485	11.858	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

MARSHALL

64

County Miles Summary

Secondary Miles	940.226	Rural Open Roads All Systems	1,010.544
Secondary Open Miles	935.366	Rural Primary Miles	82.510
Secondary Legal Not Open (LNO) Miles	4.860	Rural Open Surfaced Miles	991.745
Secondary Open Surfaced Miles	916.567	Total Open New/Resurfaced Rural Miles 2019	2.002
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	36.560

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	18.799	711.056	1.576	186.572	17.364	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	2.002	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	320.461
FM Miles Open	320.433
FM Miles LNO	0.028
FM Open Miles Surfaced	320.433
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	99.990
FM Open New/Resurfaced FM Miles 2019	2.002
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	175.915	13.865	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	2.002	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	619.766
AS Miles Open	614.934
AS Miles LNO	4.832
AS Open Miles Surfaced	596.135
AS Open Miles Not Surfaced	18.799
Percentage AS Surfaced	96.260
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	18.799	580.652	1.33	10.657	3.499	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

MILLS

65

County Miles Summary

Secondary Miles	687.888	Rural Open Roads All Systems	757.870
Secondary Open Miles	687.589	Rural Primary Miles	72.261
Secondary Legal Not Open (LNO) Miles	0.309	Rural Open Surfaced Miles	687.162
Secondary Open Surfaced Miles	617.412	Total Open New/Resurfaced Rural Miles 2019	7.732
Secondary Open Not Surfaced Miles	70.178	Total Open Rural Miles Unknown Surface Type	0.120
Percentage Surfaced Secondary Roads	89.740	Percentage County Miles FM	37.340

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	70.178	438.432	78.744	52.275	47.879	0.083
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	6.981	0.751	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	249.184
FM Miles Open	249.184
FM Miles LNO	0.000
FM Open Miles Surfaced	249.184
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	6.981
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	92.043	72.363	42.069	42.626	0.083
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	6.981	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	438.705
AS Miles Open	438.396
AS Miles LNO	0.309
AS Open Miles Surfaced	368.218
AS Open Miles Not Surfaced	70.178
Percentage AS Surfaced	83.950
AS Open New/Resurfaced AS Miles 2019	0.751
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	70.178	346.389	6.38	10.196	5.253	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.751	0.000

MITCHELL

66

County Miles Summary

Secondary Miles	788.996	Rural Open Roads All Systems	831.024
Secondary Open Miles	785.676	Rural Primary Miles	50.400
Secondary Legal Not Open (LNO) Miles	3.601	Rural Open Surfaced Miles	826.761
Secondary Open Surfaced Miles	781.413	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	4.263	Total Open Rural Miles Unknown Surface Type	0.000
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	578.002	0.801	82.453	120.158	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	246.270
FM Miles Open	246.270
FM Miles LNO	0.000
FM Open Miles Surfaced	246.270
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	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	0.000	61.786	0.000	70.585	113.900	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	542.726
AS Miles Open	539.406
AS Miles LNO	3.320
AS Open Miles Surfaced	535.143
AS Open Miles Not Surfaced	4.263
Percentage AS Surfaced	98.700
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	4.263	516.216	0.80	11.868	6.258	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

MONONA

67

County Miles Summary

Secondary Miles	1,063.904	Rural Open Roads All Systems	1,167.729
Secondary Open Miles	1,056.219	Rural Primary Miles	104.059
Secondary Legal Not Open (LNO) Miles	7.693	Rural Open Surfaced Miles	1,076.445
Secondary Open Surfaced Miles	965.223	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	90.996	Total Open Rural Miles Unknown Surface Type	0.288
Percentage Surfaced Secondary Roads	90.720	Percentage County Miles FM	33.820

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	90.996	769.631	1.146	111.869	82.577	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	353.988
FM Miles Open	353.988
FM Miles LNO	0.000
FM Open Miles Surfaced	353.988
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	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	161.212	0.502	110.487	81.787	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	709.916
AS Miles Open	702.224
AS Miles LNO	7.693
AS Open Miles Surfaced	611.228
AS Open Miles Not Surfaced	90.996
Percentage AS Surfaced	86.130
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	90.996	608.419	0.64	1.382	0.783	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

MONROE

68

County Miles Summary

Secondary Miles	614.776	Rural Open Roads All Systems	645.309
Secondary Open Miles	592.023	Rural Primary Miles	53.125
Secondary Legal Not Open (LNO) Miles	22.753	Rural Open Surfaced Miles	606.603
Secondary Open Surfaced Miles	553.318	Total Open New/Resurfaced Rural Miles 2019	0.000
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	494.021	0.050	10.772	48.475	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	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 2019	0.000
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 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	340.697
AS Miles Open	317.944
AS Miles LNO	22.753
AS Open Miles Surfaced	279.238
AS Open Miles Not Surfaced	38.706
Percentage AS Surfaced	82.080
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	38.706	268.159	0.05	1.099	9.930	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

MONTGOMERY

69

County Miles Summary

Secondary Miles	714.680	Rural Open Roads All Systems	773.484
Secondary Open Miles	710.695	Rural Primary Miles	60.428
Secondary Legal Not Open (LNO) Miles	3.985	Rural Open Surfaced Miles	679.808
Secondary Open Surfaced Miles	617.409	Total Open New/Resurfaced Rural Miles 2019	10.632
Secondary Open Not Surfaced Miles	93.287	Total Open Rural Miles Unknown Surface Type	0.390
Percentage Surfaced Secondary Roads	86.370	Percentage County Miles FM	32.510

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	93.287	508.292	1.920	58.427	48.770	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	10.632	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	226.958
FM Miles Open	226.958
FM Miles LNO	0.000
FM Open Miles Surfaced	226.958
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	10.632
FM in Municipalities Populated Less Than 500	1.973
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	56.015	47.853	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	10.632	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	487.722
AS Miles Open	483.737
AS Miles LNO	3.985
AS Open Miles Surfaced	390.451
AS Open Miles Not Surfaced	93.287
Percentage AS Surfaced	80.060
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	93.287	386.990	0.13	2.412	0.917	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

MUSCATINE

70

County Miles Summary

Secondary Miles	608.335	Rural Open Roads All Systems	699.301
Secondary Open Miles	607.156	Rural Primary Miles	86.749
Secondary Legal Not Open (LNO) Miles	1.179	Rural Open Surfaced Miles	681.960
Secondary Open Surfaced Miles	590.104	Total Open New/Resurfaced Rural Miles 2019	0.278
Secondary Open Not Surfaced Miles	17.052	Total Open Rural Miles Unknown Surface Type	0.289
Percentage Surfaced Secondary Roads	97.000	Percentage County Miles FM	38.760

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	17.052	405.847	40.948	81.546	61.763	0.000
Total New/Resurfaced Miles 2019	0.000	0.278	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	223.171
FM Miles Open	223.131
FM Miles LNO	0.040
FM Open Miles Surfaced	223.131
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	99.980
FM Open New/Resurfaced FM Miles 2019	0.000
FM in Municipalities Populated Less Than 500	0.880
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	76.581	21.114	64.956	60.480	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	385.164
AS Miles Open	384.025
AS Miles LNO	1.139
AS Open Miles Surfaced	366.973
AS Open Miles Not Surfaced	17.052
Percentage AS Surfaced	95.340
AS Open New/Resurfaced AS Miles 2019	0.278
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	17.052	329.266	19.83	16.590	1.283	0.000
AS New/Resurfaced Miles 2019	0.000	0.278	0.00	0.000	0.000	0.000

O BRIEN

71

County Miles Summary

Secondary Miles	1,021.372	Rural Open Roads All Systems	1,093.740
Secondary Open Miles	1,014.351	Rural Primary Miles	78.927
Secondary Legal Not Open (LNO) Miles	7.021	Rural Open Surfaced Miles	1,038.369
Secondary Open Surfaced Miles	958.980	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	55.371	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	93.890	Percentage County Miles FM	32.200

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	55.371	735.679	0.503	198.247	17.546	7.005
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	318.869
FM Miles Open	318.869
FM Miles LNO	0.000
FM Open Miles Surfaced	318.869
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	0.000
FM in Municipalities Populated Less Than 500	0.660
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	100.014	0.503	195.198	16.149	7.005
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	702.503
AS Miles Open	695.482
AS Miles LNO	7.021
AS Open Miles Surfaced	640.111
AS Open Miles Not Surfaced	55.371
Percentage AS Surfaced	91.270
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	55.371	635.665	0.00	3.049	1.397	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

OSCEOLA

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County Miles Summary

Secondary Miles	732.728	Rural Open Roads All Systems	788.361
Secondary Open Miles	731.262	Rural Primary Miles	59.613
Secondary Legal Not Open (LNO) Miles	1.613	Rural Open Surfaced Miles	743.948
Secondary Open Surfaced Miles	686.849	Total Open New/Resurfaced Rural Miles 2019	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	33.410

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	44.413	480.957	0.000	199.044	6.848	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	245.392
FM Miles Open	245.392
FM Miles LNO	0.000
FM Open Miles Surfaced	245.392
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	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	56.584	0.000	184.559	4.249	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	487.336
AS Miles Open	485.723
AS Miles LNO	1.613
AS Open Miles Surfaced	441.310
AS Open Miles Not Surfaced	44.413
Percentage AS Surfaced	90.750
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	44.413	424.226	0.00	14.485	2.599	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

County Miles Summary

Secondary Miles	923.981	Rural Open Roads All Systems	972.055
Secondary Open Miles	916.854	Rural Primary Miles	61.484
Secondary Legal Not Open (LNO) Miles	7.127	Rural Open Surfaced Miles	826.803
Secondary Open Surfaced Miles	771.602	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	145.252	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	83.510	Percentage County Miles FM	37.250

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	145.252	589.581	55.953	76.328	49.740	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	337.184
FM Miles Open	337.184
FM Miles LNO	0.000
FM Open Miles Surfaced	337.184
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	0.000
FM in Municipalities Populated Less Than 500	6.343
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	159.951	54.314	74.326	48.594	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	586.797
AS Miles Open	579.670
AS Miles LNO	7.127
AS Open Miles Surfaced	434.418
AS Open Miles Not Surfaced	145.252
Percentage AS Surfaced	74.040
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	145.252	429.631	1.64	2.002	1.146	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

PALO ALTO

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County Miles Summary

Secondary Miles	951.640	Rural Open Roads All Systems	995.787
Secondary Open Miles	948.093	Rural Primary Miles	50.837
Secondary Legal Not Open (LNO) Miles	3.547	Rural Open Surfaced Miles	995.290
Secondary Open Surfaced Miles	947.596	Total Open New/Resurfaced Rural Miles 2019	7.424
Secondary Open Not Surfaced Miles	0.497	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	99.580	Percentage County Miles FM	33.900

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	0.497	760.260	1.112	32.280	153.945	0.000
Total New/Resurfaced Miles 2019	0.000	0.001	0.000	0.000	7.423	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	318.326
FM Miles Open	318.234
FM Miles LNO	0.092
FM Open Miles Surfaced	318.234
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	7.424
FM in Municipalities Populated Less Than 500	4.073
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	137.415	0.256	30.530	150.034	0.000
FM New/Resurfaced Miles 2019	0.000	0.001	0.000	0.000	7.423	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	633.314
AS Miles Open	629.859
AS Miles LNO	3.455
AS Open Miles Surfaced	629.362
AS Open Miles Not Surfaced	0.497
Percentage AS Surfaced	99.380
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	0.497	622.845	0.86	1.750	3.911	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

PLYMOUTH

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County Miles Summary

Secondary Miles	1,421.850	Rural Open Roads All Systems	1,531.342
Secondary Open Miles	1,418.621	Rural Primary Miles	112.918
Secondary Legal Not Open (LNO) Miles	3.230	Rural Open Surfaced Miles	1,490.597
Secondary Open Surfaced Miles	1,377.876	Total Open New/Resurfaced Rural Miles 2019	16.711
Secondary Open Not Surfaced Miles	40.745	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	96.880	Percentage County Miles FM	26.220

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	40.745	1,014.413	0.853	224.571	138.039	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	16.711	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	364.065
FM Miles Open	364.065
FM Miles LNO	0.000
FM Open Miles Surfaced	364.065
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	16.711
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	21.761	0.000	209.535	132.770	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	16.711	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	1,057.785
AS Miles Open	1,054.556
AS Miles LNO	3.230
AS Open Miles Surfaced	1,013.811
AS Open Miles Not Surfaced	40.745
Percentage AS Surfaced	95.870
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	40.745	992.653	0.85	15.036	5.269	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

POCAHONTAS

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County Miles Summary

Secondary Miles	1,005.967	Rural Open Roads All Systems	1,087.884
Secondary Open Miles	1,005.714	Rural Primary Miles	84.049
Secondary Legal Not Open (LNO) Miles	0.253	Rural Open Surfaced Miles	1,064.128
Secondary Open Surfaced Miles	982.120	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	23.594	Total Open Rural Miles Unknown Surface Type	0.162
Percentage Surfaced Secondary Roads	97.630	Percentage County Miles FM	31.110

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	23.594	787.800	0.000	86.091	108.230	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	309.337
FM Miles Open	309.231
FM Miles LNO	0.106
FM Open Miles Surfaced	309.216
FM Open Miles Not Surfaced	0.015
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	0.000
FM in Municipalities Populated Less Than 500	3.953
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.015	122.765	0.000	84.851	101.600	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	696.631
AS Miles Open	696.484
AS Miles LNO	0.147
AS Open Miles Surfaced	672.905
AS Open Miles Not Surfaced	23.579
Percentage AS Surfaced	96.600
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	23.579	665.035	0.00	1.240	6.630	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

POLK

77

County Miles Summary

Secondary Miles	725.683	Rural Open Roads All Systems	823.010
Secondary Open Miles	720.716	Rural Primary Miles	79.162
Secondary Legal Not Open (LNO) Miles	4.994	Rural Open Surfaced Miles	821.468
Secondary Open Surfaced Miles	719.484	Total Open New/Resurfaced Rural Miles 2019	42.857
Secondary Open Not Surfaced Miles	1.233	Total Open Rural Miles Unknown Surface Type	0.310
Percentage Surfaced Secondary Roads	99.130	Percentage County Miles FM	59.670

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	1.233	163.608	6.146	515.060	34.616	0.054
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	42.312	0.545	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	317.140
FM Miles Open	317.140
FM Miles LNO	0.000
FM Open Miles Surfaced	317.140
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	45.417
FM in Municipalities Populated Less Than 500	3.473
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	295.527	3.931	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	41.189	0.042	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	408.543
AS Miles Open	403.550
AS Miles LNO	4.994
AS Open Miles Surfaced	402.317
AS Open Miles Not Surfaced	1.233
Percentage AS Surfaced	98.490
AS Open New/Resurfaced AS Miles 2019	1.626
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	1.233	146.050	6.02	219.508	30.685	0.054
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	1.123	0.503	0.000

POTTAWATTAMIE

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County Miles Summary

Secondary Miles	1,484.266	Rural Open Roads All Systems	1,647.954
Secondary Open Miles	1,469.476	Rural Primary Miles	172.936
Secondary Legal Not Open (LNO) Miles	14.800	Rural Open Surfaced Miles	1,569.124
Secondary Open Surfaced Miles	1,390.646	Total Open New/Resurfaced Rural Miles 2019	6.957
Secondary Open Not Surfaced Miles	78.830	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	93.680	Percentage County Miles FM	41.610

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	78.830	1,109.066	62.392	139.016	80.172	0.000
Total New/Resurfaced Miles 2019	0.000	0.588	6.157	0.000	0.212	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	591.795
FM Miles Open	591.795
FM Miles LNO	0.000
FM Open Miles Surfaced	591.795
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	3.319
FM in Municipalities Populated Less Than 500	1.471
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	365.523	29.923	133.421	62.928	0.000
FM New/Resurfaced Miles 2019	0.000	0.588	1.990	0.000	0.070	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	892.471
AS Miles Open	877.671
AS Miles LNO	14.800
AS Open Miles Surfaced	798.841
AS Open Miles Not Surfaced	78.830
Percentage AS Surfaced	89.590
AS Open New/Resurfaced AS Miles 2019	4.309
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	78.830	743.543	32.47	5.595	17.234	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	4.17	0.000	0.142	0.000

POWESHIEK

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County Miles Summary

Secondary Miles	977.313	Rural Open Roads All Systems	1,084.153
Secondary Open Miles	972.460	Rural Primary Miles	114.634
Secondary Legal Not Open (LNO) Miles	4.853	Rural Open Surfaced Miles	965.995
Secondary Open Surfaced Miles	854.302	Total Open New/Resurfaced Rural Miles 2019	4.939
Secondary Open Not Surfaced Miles	118.158	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	118.158	737.068	8.901	29.338	78.995	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	4.939	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	330.486
FM Miles Open	330.486
FM Miles LNO	0.000
FM Open Miles Surfaced	329.104
FM Open Miles Not Surfaced	1.382
Percentage FM Surfaced	99.580
FM Open New/Resurfaced FM Miles 2019	5.342
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	222.197	2.485	27.904	76.518	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	4.939	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	646.828
AS Miles Open	641.975
AS Miles LNO	4.853
AS Open Miles Surfaced	525.199
AS Open Miles Not Surfaced	116.776
Percentage AS Surfaced	81.220
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	116.776	514.872	6.42	1.434	2.477	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

RINGGOLD

80

County Miles Summary

Secondary Miles	896.990	Rural Open Roads All Systems	931.727
Secondary Open Miles	880.447	Rural Primary Miles	55.260
Secondary Legal Not Open (LNO) Miles	16.543	Rural Open Surfaced Miles	731.316
Secondary Open Surfaced Miles	680.037	Total Open New/Resurfaced Rural Miles 2019	0.246
Secondary Open Not Surfaced Miles	200.410	Total Open Rural Miles Unknown Surface Type	0.001
Percentage Surfaced Secondary Roads	75.740	Percentage County Miles FM	32.580

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	200.410	531.075	63.975	50.450	34.538	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.246	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 2019	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	151.920	53.895	50.204	34.538	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	606.159
AS Miles Open	589.616
AS Miles LNO	16.543
AS Open Miles Surfaced	389.481
AS Open Miles Not Surfaced	200.135
Percentage AS Surfaced	64.220
AS Open New/Resurfaced AS Miles 2019	0.246
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	200.135	379.155	10.08	0.246	0.000	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.246	0.000	0.000

SAC

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County Miles Summary

Secondary Miles	1,028.991	Rural Open Roads All Systems	1,124.920
Secondary Open Miles	1,026.524	Rural Primary Miles	96.315
Secondary Legal Not Open (LNO) Miles	2.767	Rural Open Surfaced Miles	1,103.789
Secondary Open Surfaced Miles	1,005.393	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	21.132	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	97.680	Percentage County Miles FM	34.110

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	21.132	796.229	0.472	102.330	106.362	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	337.646
FM Miles Open	337.646
FM Miles LNO	0.000
FM Open Miles Surfaced	337.646
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	0.000
FM in Municipalities Populated Less Than 500	0.670
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	135.192	0.000	101.678	100.776	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	691.345
AS Miles Open	688.578
AS Miles LNO	2.767
AS Open Miles Surfaced	667.447
AS Open Miles Not Surfaced	21.132
Percentage AS Surfaced	96.710
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	21.132	660.829	0.47	0.560	5.586	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

SCOTT

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County Miles Summary

Secondary Miles	561.795	Rural Open Roads All Systems	605.006
Secondary Open Miles	559.859	Rural Primary Miles	48.993
Secondary Legal Not Open (LNO) Miles	1.936	Rural Open Surfaced Miles	594.333
Secondary Open Surfaced Miles	549.187	Total Open New/Resurfaced Rural Miles 2019	4.994
Secondary Open Not Surfaced Miles	10.672	Total Open Rural Miles Unknown Surface Type	0.001
Percentage Surfaced Secondary Roads	97.750	Percentage County Miles FM	44.800

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	10.672	324.754	6.137	202.035	16.262	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	4.994	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	211.376
FM Miles Open	211.376
FM Miles LNO	0.000
FM Open Miles Surfaced	210.522
FM Open Miles Not Surfaced	0.854
Percentage FM Surfaced	99.600
FM Open New/Resurfaced FM Miles 2019	0.000
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	149.112	6.551	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	350.420
AS Miles Open	348.484
AS Miles LNO	1.936
AS Open Miles Surfaced	338.666
AS Open Miles Not Surfaced	9.818
Percentage AS Surfaced	96.650
AS Open New/Resurfaced AS Miles 2019	4.994
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	9.818	270.603	5.43	52.923	9.711	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	4.994	0.000	0.000

SHELBY

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County Miles Summary

Secondary Miles	960.156	Rural Open Roads All Systems	1,025.259
Secondary Open Miles	947.641	Rural Primary Miles	76.483
Secondary Legal Not Open (LNO) Miles	12.516	Rural Open Surfaced Miles	890.008
Secondary Open Surfaced Miles	812.593	Total Open New/Resurfaced Rural Miles 2019	18.361
Secondary Open Not Surfaced Miles	135.047	Total Open Rural Miles Unknown Surface Type	0.204
Percentage Surfaced Secondary Roads	84.630	Percentage County Miles FM	31.670

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	135.047	687.690	7.564	97.461	19.879	0.000
Total New/Resurfaced Miles 2019	0.000	8.563	0.000	9.798	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	297.111
FM Miles Open	297.111
FM Miles LNO	0.000
FM Open Miles Surfaced	296.675
FM Open Miles Not Surfaced	0.436
Percentage FM Surfaced	99.850
FM Open New/Resurfaced FM Miles 2019	18.196
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	0.436	174.465	6.428	96.115	19.668	0.000
FM New/Resurfaced Miles 2019	0.000	8.398	0.000	9.798	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	663.045
AS Miles Open	650.530
AS Miles LNO	12.516
AS Open Miles Surfaced	515.918
AS Open Miles Not Surfaced	134.612
Percentage AS Surfaced	78.020
AS Open New/Resurfaced AS Miles 2019	0.165
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	134.612	513.225	1.14	1.346	0.211	0.000
AS New/Resurfaced Miles 2019	0.000	0.165	0.00	0.000	0.000	0.000

SIOUX

84

County Miles Summary

Secondary Miles	1,356.318	Rural Open Roads All Systems	1,455.236
Secondary Open Miles	1,348.118	Rural Primary Miles	106.914
Secondary Legal Not Open (LNO) Miles	8.201	Rural Open Surfaced Miles	1,407.749
Secondary Open Surfaced Miles	1,300.763	Total Open New/Resurfaced Rural Miles 2019	0.025
Secondary Open Not Surfaced Miles	47.355	Total Open Rural Miles Unknown Surface Type	0.132
Percentage Surfaced Secondary Roads	95.900	Percentage County Miles FM	32.450

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	47.355	1,012.960	0.089	236.914	50.800	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.025	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	421.664
FM Miles Open	421.664
FM Miles LNO	0.000
FM Open Miles Surfaced	420.750
FM Open Miles Not Surfaced	0.914
Percentage FM Surfaced	99.780
FM Open New/Resurfaced FM Miles 2019	0.000
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	152.171	0.000	227.913	40.666	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	934.655
AS Miles Open	926.454
AS Miles LNO	8.201
AS Open Miles Surfaced	880.013
AS Open Miles Not Surfaced	46.441
Percentage AS Surfaced	94.160
AS Open New/Resurfaced AS Miles 2019	0.025
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	46.441	860.789	0.09	9.001	10.134	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.025	0.000

STORY

85

County Miles Summary

Secondary Miles	922.459	Rural Open Roads All Systems	1,023.512
Secondary Open Miles	921.751	Rural Primary Miles	96.222
Secondary Legal Not Open (LNO) Miles	0.708	Rural Open Surfaced Miles	1,000.988
Secondary Open Surfaced Miles	899.227	Total Open New/Resurfaced Rural Miles 2019	5.570
Secondary Open Not Surfaced Miles	22.524	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	97.480	Percentage County Miles FM	43.310

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	22.524	700.171	4.062	161.752	33.242	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	5.570	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	356.058
FM Miles Open	356.058
FM Miles LNO	0.000
FM Open Miles Surfaced	356.058
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	5.570
FM in Municipalities Populated Less Than 500	2.580
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	170.374	3.296	153.143	29.245	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	5.570	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	566.401
AS Miles Open	565.694
AS Miles LNO	0.708
AS Open Miles Surfaced	543.170
AS Open Miles Not Surfaced	22.524
Percentage AS Surfaced	95.900
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	22.524	529.798	0.77	8.609	3.997	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

TAMA

86

County Miles Summary

Secondary Miles	1,157.551	Rural Open Roads All Systems	1,254.627
Secondary Open Miles	1,148.437	Rural Primary Miles	92.691
Secondary Legal Not Open (LNO) Miles	9.115	Rural Open Surfaced Miles	1,184.352
Secondary Open Surfaced Miles	1,078.289	Total Open New/Resurfaced Rural Miles 2019	0.464
Secondary Open Not Surfaced Miles	70.148	Total Open Rural Miles Unknown Surface Type	0.127
Percentage Surfaced Secondary Roads	93.150	Percentage County Miles FM	32.080

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	70.148	891.797	4.892	159.961	20.751	0.889
Total New/Resurfaced Miles 2019	0.000	0.000	0.464	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	366.301
FM Miles Open	366.301
FM Miles LNO	0.000
FM Open Miles Surfaced	365.368
FM Open Miles Not Surfaced	0.933
Percentage FM Surfaced	99.750
FM Open New/Resurfaced FM Miles 2019	0.000
FM in Municipalities Populated Less Than 500	7.106
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.933	190.484	3.713	152.910	18.261	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	791.250
AS Miles Open	782.135
AS Miles LNO	9.115
AS Open Miles Surfaced	712.920
AS Open Miles Not Surfaced	69.215
Percentage AS Surfaced	90.120
AS Open New/Resurfaced AS Miles 2019	0.464
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	69.215	701.312	1.18	7.051	2.490	0.889
AS New/Resurfaced Miles 2019	0.000	0.000	0.46	0.000	0.000	0.000

TAYLOR

87

County Miles Summary

Secondary Miles	928.340	Rural Open Roads All Systems	965.691
Secondary Open Miles	912.184	Rural Primary Miles	55.146
Secondary Legal Not Open (LNO) Miles	16.165	Rural Open Surfaced Miles	774.326
Secondary Open Surfaced Miles	720.748	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	191.435	Total Open Rural Miles Unknown Surface Type	0.087
Percentage Surfaced Secondary Roads	77.150	Percentage County Miles FM	35.650

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	191.435	610.982	1.610	98.785	9.371	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	330.477
FM Miles Open	330.477
FM Miles LNO	0.000
FM Open Miles Surfaced	327.312
FM Open Miles Not Surfaced	3.165
Percentage FM Surfaced	99.040
FM Open New/Resurfaced FM Miles 2019	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	220.859	1.245	98.336	6.872	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	597.863
AS Miles Open	581.698
AS Miles LNO	16.165
AS Open Miles Surfaced	393.428
AS Open Miles Not Surfaced	188.270
Percentage AS Surfaced	65.380
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	188.270	390.115	0.37	0.449	2.499	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

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

Secondary Miles	703.351	Rural Open Roads All Systems	755.683
Secondary Open Miles	699.886	Rural Primary Miles	51.005
Secondary Legal Not Open (LNO) Miles	3.465	Rural Open Surfaced Miles	660.038
Secondary Open Surfaced Miles	604.385	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	95.501	Total Open Rural Miles Unknown Surface Type	0.144
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	506.354	11.932	50.474	35.626	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	256.356
FM Miles Open	256.356
FM Miles LNO	0.000
FM Open Miles Surfaced	256.254
FM Open Miles Not Surfaced	0.102
Percentage FM Surfaced	99.960
FM Open New/Resurfaced FM Miles 2019	0.000
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	0.102	167.776	9.258	46.307	32.914	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	446.995
AS Miles Open	443.530
AS Miles LNO	3.465
AS Open Miles Surfaced	348.131
AS Open Miles Not Surfaced	95.399
Percentage AS Surfaced	77.950
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	95.399	338.578	2.67	4.167	2.712	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

VAN BUREN

89

County Miles Summary

Secondary Miles	749.552	Rural Open Roads All Systems	809.395
Secondary Open Miles	739.988	Rural Primary Miles	66.115
Secondary Legal Not Open (LNO) Miles	9.568	Rural Open Surfaced Miles	762.812
Secondary Open Surfaced Miles	693.801	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	46.187	Total Open Rural Miles Unknown Surface Type	0.059
Percentage Surfaced Secondary Roads	92.510	Percentage County Miles FM	36.440

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	46.187	590.977	3.452	85.819	13.554	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	271.378
FM Miles Open	271.378
FM Miles LNO	0.000
FM Open Miles Surfaced	271.378
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	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	173.739	3.119	82.873	11.648	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	478.174
AS Miles Open	468.607
AS Miles LNO	9.568
AS Open Miles Surfaced	422.420
AS Open Miles Not Surfaced	46.187
Percentage AS Surfaced	88.950
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	46.187	417.239	0.33	2.946	1.902	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

WAPELLO

90

County Miles Summary

Secondary Miles	709.444	Rural Open Roads All Systems	764.203
Secondary Open Miles	702.065	Rural Primary Miles	61.295
Secondary Legal Not Open (LNO) Miles	7.379	Rural Open Surfaced Miles	728.327
Secondary Open Surfaced Miles	666.190	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	35.876	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	93.870	Percentage County Miles FM	41.350

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	35.876	521.123	7.270	109.003	28.794	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	273.855
FM Miles Open	273.855
FM Miles LNO	0.000
FM Open Miles Surfaced	273.855
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	0.723
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	149.163	6.779	94.781	23.132	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	435.590
AS Miles Open	428.211
AS Miles LNO	7.379
AS Open Miles Surfaced	392.335
AS Open Miles Not Surfaced	35.876
Percentage AS Surfaced	90.380
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	35.876	371.960	0.49	14.222	5.662	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

WARREN

91

County Miles Summary

Secondary Miles	868.647	Rural Open Roads All Systems	959.044
Secondary Open Miles	862.464	Rural Primary Miles	94.090
Secondary Legal Not Open (LNO) Miles	7.570	Rural Open Surfaced Miles	895.538
Secondary Open Surfaced Miles	799.100	Total Open New/Resurfaced Rural Miles 2019	6.536
Secondary Open Not Surfaced Miles	63.365	Total Open Rural Miles Unknown Surface Type	0.034
Percentage Surfaced Secondary Roads	91.430	Percentage County Miles FM	37.920

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	63.365	626.811	0.136	30.130	142.023	0.000
Total New/Resurfaced Miles 2019	0.000	0.903	0.000	4.186	1.447	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	313.084
FM Miles Open	313.084
FM Miles LNO	0.000
FM Open Miles Surfaced	313.084
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	4.885
FM in Municipalities Populated Less Than 500	4.054
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	158.132	0.136	26.116	128.700	0.000
FM New/Resurfaced Miles 2019	0.000	0.756	0.000	4.069	0.060	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	555.564
AS Miles Open	547.994
AS Miles LNO	7.570
AS Open Miles Surfaced	484.629
AS Open Miles Not Surfaced	63.365
Percentage AS Surfaced	87.320
AS Open New/Resurfaced AS Miles 2019	0.264
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	63.365	468.679	0.00	4.014	11.937	0.000
AS New/Resurfaced Miles 2019	0.000	0.147	0.00	0.117	0.000	0.000

WASHINGTON

92

County Miles Summary

Secondary Miles	919.971	Rural Open Roads All Systems	1,004.222
Secondary Open Miles	905.489	Rural Primary Miles	95.011
Secondary Legal Not Open (LNO) Miles	14.482	Rural Open Surfaced Miles	914.904
Secondary Open Surfaced Miles	816.927	Total Open New/Resurfaced Rural Miles 2019	5.481
Secondary Open Not Surfaced Miles	88.562	Total Open Rural Miles Unknown Surface Type	0.757
Percentage Surfaced Secondary Roads	88.800	Percentage County Miles FM	40.550

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	88.562	649.678	0.581	7.947	158.721	0.000
Total New/Resurfaced Miles 2019	0.000	5.481	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	365.093
FM Miles Open	365.093
FM Miles LNO	0.000
FM Open Miles Surfaced	365.093
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	3.228
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	204.036	0.259	7.373	153.425	0.000
FM New/Resurfaced Miles 2019	0.000	3.228	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	554.878
AS Miles Open	540.396
AS Miles LNO	14.482
AS Open Miles Surfaced	451.835
AS Open Miles Not Surfaced	88.562
Percentage AS Surfaced	81.440
AS Open New/Resurfaced AS Miles 2019	2.253
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	88.562	445.643	0.32	0.574	5.296	0.000
AS New/Resurfaced Miles 2019	0.000	2.253	0.00	0.000	0.000	0.000

WAYNE

93

County Miles Summary

Secondary Miles	837.273	Rural Open Roads All Systems	880.538
Secondary Open Miles	830.418	Rural Primary Miles	52.189
Secondary Legal Not Open (LNO) Miles	6.856	Rural Open Surfaced Miles	819.015
Secondary Open Surfaced Miles	768.915	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	61.503	Total Open Rural Miles Unknown Surface Type	0.020
Percentage Surfaced Secondary Roads	91.030	Percentage County Miles FM	37.160

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	61.503	659.739	2.657	3.916	102.603	0.000
Total New/Resurfaced Miles 2019	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 2019	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 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	530.160
AS Miles Open	523.305
AS Miles LNO	6.856
AS Open Miles Surfaced	462.804
AS Open Miles Not Surfaced	60.501
Percentage AS Surfaced	86.820
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	60.501	455.537	0.00	0.087	7.180	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

WEBSTER

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County Miles Summary

Secondary Miles	1,187.116	Rural Open Roads All Systems	1,280.115
Secondary Open Miles	1,183.882	Rural Primary Miles	92.378
Secondary Legal Not Open (LNO) Miles	3.234	Rural Open Surfaced Miles	1,275.466
Secondary Open Surfaced Miles	1,180.939	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	2.943	Total Open Rural Miles Unknown Surface Type	1.070
Percentage Surfaced Secondary Roads	99.480	Percentage County Miles FM	36.250

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	2.943	866.837	7.901	285.598	20.603	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	409.988
FM Miles Open	409.988
FM Miles LNO	0.000
FM Open Miles Surfaced	409.988
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	0.000
FM in Municipalities Populated Less Than 500	9.555
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	127.949	0.048	263.508	18.484	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	777.128
AS Miles Open	773.894
AS Miles LNO	3.234
AS Open Miles Surfaced	770.951
AS Open Miles Not Surfaced	2.943
Percentage AS Surfaced	99.360
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	2.943	738.889	7.85	22.090	2.119	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

WINNEBAGO

95

County Miles Summary

Secondary Miles	718.865	Rural Open Roads All Systems	754.705
Secondary Open Miles	713.802	Rural Primary Miles	40.268
Secondary Legal Not Open (LNO) Miles	5.066	Rural Open Surfaced Miles	753.471
Secondary Open Surfaced Miles	712.759	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	1.043	Total Open Rural Miles Unknown Surface Type	0.000
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	564.635	0.000	141.424	6.701	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	203.279
FM Miles Open	203.279
FM Miles LNO	0.000
FM Open Miles Surfaced	203.279
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	0.000
FM in Municipalities Populated Less Than 500	1.423
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	58.132	0.000	139.895	5.252	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	515.587
AS Miles Open	510.521
AS Miles LNO	5.066
AS Open Miles Surfaced	509.478
AS Open Miles Not Surfaced	1.043
Percentage AS Surfaced	98.840
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	1.043	506.500	0.00	1.529	1.449	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

WINNESHIEK

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County Miles Summary

Secondary Miles	1,056.926	Rural Open Roads All Systems	1,130.420
Secondary Open Miles	1,047.243	Rural Primary Miles	87.402
Secondary Legal Not Open (LNO) Miles	9.683	Rural Open Surfaced Miles	1,127.516
Secondary Open Surfaced Miles	1,044.929	Total Open New/Resurfaced Rural Miles 2019	0.000
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	802.613	12.723	153.230	76.364	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	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 2019	0.000
FM in Municipalities Populated Less Than 500	6.318
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	126.956	8.370	143.644	73.607	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	704.349
AS Miles Open	694.666
AS Miles LNO	9.683
AS Open Miles Surfaced	692.353
AS Open Miles Not Surfaced	2.314
Percentage AS Surfaced	98.420
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	2.314	675.657	4.35	9.586	2.757	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

WOODBURY

97

County Miles Summary

Secondary Miles	1,349.274	Rural Open Roads All Systems	1,436.576
Secondary Open Miles	1,338.485	Rural Primary Miles	102.446
Secondary Legal Not Open (LNO) Miles	10.800	Rural Open Surfaced Miles	1,374.386
Secondary Open Surfaced Miles	1,276.740	Total Open New/Resurfaced Rural Miles 2019	0.000
Secondary Open Not Surfaced Miles	61.746	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	94.530	Percentage County Miles FM	31.280

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	61.746	937.507	1.395	246.698	91.140	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	394.366
FM Miles Open	394.366
FM Miles LNO	0.000
FM Open Miles Surfaced	394.366
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	0.151
FM in Municipalities Populated Less Than 500	5.903
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	81.511	0.000	236.236	76.619	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.000	0.000	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	954.908
AS Miles Open	944.108
AS Miles LNO	10.800
AS Open Miles Surfaced	882.363
AS Open Miles Not Surfaced	61.746
Percentage AS Surfaced	92.410
AS Open New/Resurfaced AS Miles 2019	0.000
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	61.746	855.996	1.40	10.451	14.521	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.000	0.000

WORTH

98

County Miles Summary

Secondary Miles	698.875	Rural Open Roads All Systems	741.693
Secondary Open Miles	693.299	Rural Primary Miles	54.184
Secondary Legal Not Open (LNO) Miles	5.576	Rural Open Surfaced Miles	739.380
Secondary Open Surfaced Miles	690.986	Total Open New/Resurfaced Rural Miles 2019	6.355
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	112.252	105.414	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	0.905	5.450	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	242.348
FM Miles Open	242.348
FM Miles LNO	0.000
FM Open Miles Surfaced	242.348
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	6.355
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	95.545	86.583	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	0.905	5.450	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 2019	0.000
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 2019	0.000	0.000	0.00	0.000	0.000	0.000

WRIGHT

99

County Miles Summary

Secondary Miles	965.416	Rural Open Roads All Systems	1,030.173
Secondary Open Miles	964.140	Rural Primary Miles	65.948
Secondary Legal Not Open (LNO) Miles	1.276	Rural Open Surfaced Miles	1,028.045
Secondary Open Surfaced Miles	962.012	Total Open New/Resurfaced Rural Miles 2019	17.554
Secondary Open Not Surfaced Miles	2.128	Total Open Rural Miles Unknown Surface Type	0.000
Percentage Surfaced Secondary Roads	99.630	Percentage County Miles FM	24.920

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
Total Miles By Surface	2.128	791.390	0.283	137.461	32.878	0.000
Total New/Resurfaced Miles 2019	0.000	0.000	0.000	16.670	0.884	0.000

FARM-TO-MARKET (FM) SUMMARY

Total FM Miles	230.766
FM Miles Open	230.766
FM Miles LNO	0.000
FM Open Miles Surfaced	230.766
FM Open Miles Not Surfaced	0.000
Percentage FM Surfaced	100.000
FM Open New/Resurfaced FM Miles 2019	17.175
FM in Municipalities Populated Less Than 500	2.127
Fm Open Miles Unknown Surface Type	0.000

SURFACE TYPE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
FM Miles By Surface	0.000	64.493	0.000	135.456	30.817	0.000
FM New/Resurfaced Miles 2019	0.000	0.000	0.000	16.670	0.505	0.000

AREA SERVICE (AS) SUMMARY

Total AS Miles	734.650
AS Miles Open	733.374
AS Miles LNO	1.276
AS Open Miles Surfaced	731.246
AS Open Miles Not Surfaced	2.128
Percentage AS Surfaced	99.670
AS Open New/Resurfaced AS Miles 2019	0.379
AS Open Miles Unknown Surface Type	0.000

SURFACE TITLE	EARTH	GRAVEL	BITUMINOUS	ASPHALT	PCC	COMBINATION
AS Miles By Surface	2.128	726.897	0.28	2.005	2.061	0.000
AS New/Resurfaced Miles 2019	0.000	0.000	0.00	0.000	0.379	0.000