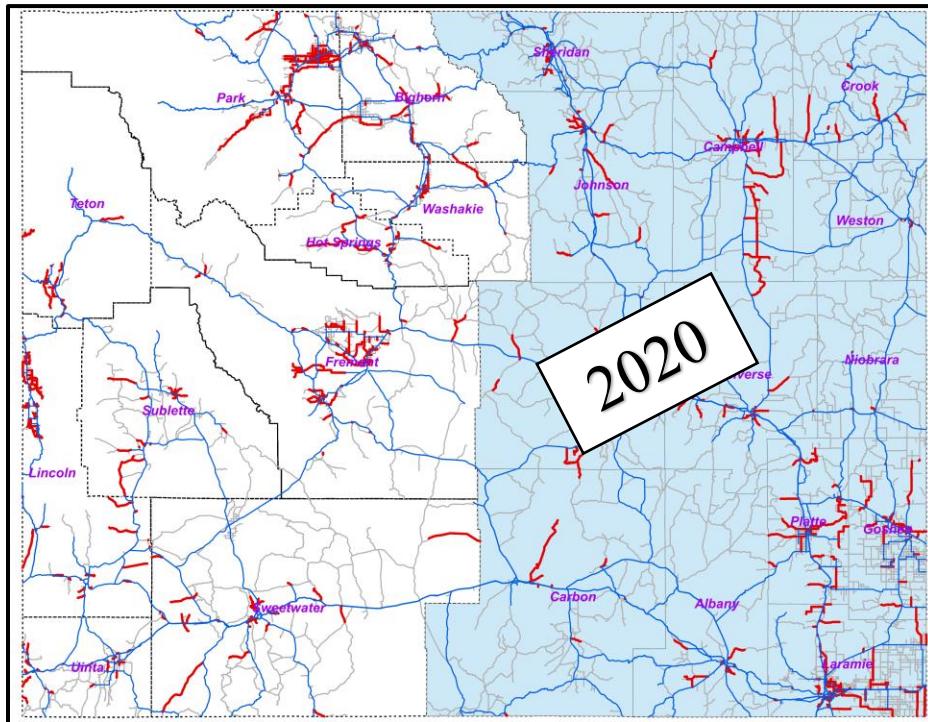


Conditions of County Paved Roads in Wyoming (2020)



By

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LIST OF ABBREVIATIONS

The following table describes the various abbreviations and acronyms used throughout the report:

Abbreviation	Meaning
ASTM	American Society for Testing and Materials
GIS	Geographic Information System
GPS	Global Positioning System
IRI	International Roughness Index
PCI	Pavement Condition Index
PMS	Pavement Management System
PSI	Pavement Serviceability Index
SHRP	Strategic Highway Research Program
STIC	State Transportation Innovation Council
WCCA	Wyoming County Commissioner Association
WYDOT	Wyoming Department of Transportation
WYT ² /LTAP	Wyoming Technology Transfer Center

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1 INTRODUCTION

In 2014, the Wyoming County Commissioner Association (WCCA), Wyoming Department of Transportation (WYDOT) and the State Transportation Innovation Council (STIC) supported funding a project to develop a comprehensive database for Pavement Management System (PMS) of county paved roads. As a result, a comprehensive effort was conducted by the Wyoming Technology Transfer Center (WYT2/LTAP) to collect roadway inventory data, pavement condition data and roadway thicknesses. The pavement condition data includes: Rut Depths, International Roughness Index (IRI), Pavement Condition Index (PCI) and Pavement Serviceability Index (PSI). In 2014, the pavement condition data and roadway thickness were collected by WYT2/LTAP center on the 2,444 miles of county paved roads. Based on this data, a comprehensive database was completed and reports summarizing the overall pavement condition were prepared. The database and reports contained in a hard drive were mailed to each county and WYDOT in May 2015. The database was also published in ArcGIS online hosted by WYT2/LTAP center. To continue this effort, pavement condition data has been collected every year for half of the state. In 2020, the pavement condition data was collected on 1,124 miles in the following counties in the eastern part of the state: Albany, Campbell, Carbon, Converse, Crook, Goshen, Johnson, Laramie, Natrona, Niobrara, Platte, Sheridan and Weston counties (See Figure 1).

Pathway Services, Inc. which has collected the data for this project since 2014, collected the data for 2020 as well. The data collected in 2020 is shown in Figure 2. In 2020, pavement thickness was not collected since it was collected in 2014. The 2020 data was collected with Pathway 3D Data Acquisition System and it was provided to the WYT2/LTAP center early in 2019. The new 3D Data Acquisition System uses fast, high-resolution 3D camera that captures both a high-resolution images and transverse profiles of the road surface. The transverse profiles consist of thousands of points across the lane. In addition to this, the new technology included an imaging and crack detection tool to assess the Pavement Condition Index (PCI) automatically. Table 1 is a sample of the comprehensive database including the 2014, 2018 and 2020 pavement condition data.

Overall, the findings of this project are summarized in three main elements: reports for each individual county, a statewide report, and a comprehensive database published in ArcGIS online hosted by the WYT²/LTAP center. This report summarizes pavement conditions of 2020 in Albany County. In addition, this report compares the pavement condition between 2014, 2018 and 2020. The comprehensive database is also published online by the WYT2/LTAP center. The raw datasets are also included on a hard drive mailed to each county.

Table 1: Sample of Comprehensive Database

County	RID	Begin MP	End MP	Primary Name	2014		2018				2020				Average Road Width
					Asphalt/Concrete Thickness (Inch)	Base Thickness (inch)	Rut	IRI	PCI	PSI	Rut	IRI	PCI	PSI	
Albany	ML4247B	0.6	1.09	Adon Road	1.55	4.38	0.13	158	75	1.32	0.06	149.5	87	1.84	26
Albany	ML4247B	1.09	1.3	American Road	1.88	4.98	0.20	193	66	0.58	0.06	145.5	87	1.90	20
Albany	ML5004B	0.5	0.83	Bluebird Lane	1.28	3.04	0.14	204	70	0.67	0.09	223.5	81	0.86	28
Albany	ML5008B	2.27	3.81	Roger Canyon Road	2.83	5.38	0.13	89.5	79	2.49	0.06	90	87	2.77	52

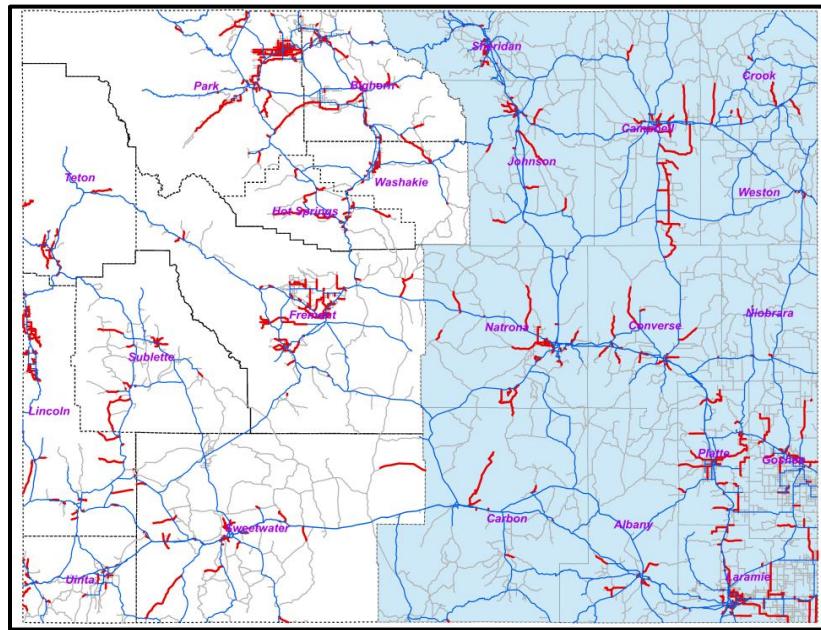


Figure 1: Eastern Part of the State Monitored in the Summer of 2020.

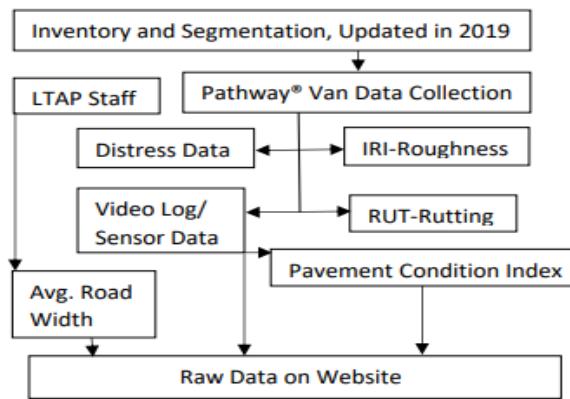


Figure 2: Pavement Management System Data Included in this Report

2 BACKGROUND

2.1 Road Segmentation

A primary task in any PMS is to create a list of roadway segments that have uniform performance conditions along their lengths. When maintenance records are limited and inconsistent among different counties, roadways can be segmented based on the perceived usage levels, changes in surface type, and major intersections where traffic either diverts or converges with a road. Locations of the road segments are established with global positioning system (GPS) technology and stored in a geographic information system (GIS) database. This segmentation was performed by WYT²/LTAP staff and Pathway[®] Services.

2.2 Pavement Condition Parameters

The Pathway Services[®] automated data collection van operates at normal highway speeds to collect four types of information for each road: automated rutting data expressed in inches (RUT); International Roughness Index (IRI); video logs of the pavement and roadside; and 3D images. Additionally, roadway width is measured remotely using satellite imagery.

2.2.1 Rut Depths (RD)

The rut depth is a measure of permanent deformation of pavement. WYDOT identifies any roads with rutting greater than 0.3 inches as potentially hazardous (Huntington, et al. 2013). Since 2018, the rut depth data has been collected more precisely compared to previous years (2014 and 2015). Since 2018, the full depth transverse profile is measured many times every inch along the roadway. In previous years, only one transverse profile was measured every five feet.

2.2.2 International Roughness Index (IRI)

The IRI is the roughness index commonly used for representing ride quality. IRI is represented as units of slope (in./mi). The thresholds used by (Huntington, et al. 2013) for defining condition based on the IRI are as follows:

- Excellent: Less than 70 in./mi
- Good: 70 - 100 in./mi
- Fair: 101 - 130 in./mi
- Poor: 131 - 170 in./mi
- Very Poor: Greater than 170 in./mi

2.2.3 Pavement Condition Index (PCI)

PCI was developed by the United States Army Corps of Engineers ranging from 0 and 100 quantifying the condition of a roadway based on surface distresses, where 100 represents the best possible condition and 0 represents the worst possible condition. A pavement condition index (PCI) for each segment is generated by using the video logs from cameras facing the pavement surface. For each segment, several sections are sampled or the whole segment can be considered

to measure the distresses. In previous years (2014 and 2015), an operator conducted the distress evaluation using specialized software. In 2018, a new 3D Data Acquisition System was adopted in Wyoming to identify and measure the distresses automatically using imaging and crack detection technology. From these distress measurements, the PCI is calculated.

The primary uses of PCI include identifying immediate maintenance and rehabilitation needs, monitoring pavement condition over time, develop a network preventive maintenance strategy, develop road maintenance budgets, and evaluate pavement materials and designs. Huntington et al. (2013) used the thresholds for defining pavement condition based on the PCI. Conditions are divided into three categories: (1) Good: Greater than 85, (2) Fair: 70 - 85, and (3) Poor: Less than 70.

2.2.4 Pavement Distresses

Beginning in 2020, this project includes a detailed breakdown of specific pavement distresses on county roads. This distress specific data is a more detailed report of the same information collected by the 3D Data Acquisition System described above in section 2.2.3 regarding PCI. This extensive data set details distress type, severity, extent and location. The following distresses are included in this report and are defined by the Strategic Highway Research Program's (SHRP) p-338 manual as:

- Transverse cracking- “Cracks that are predominately perpendicular to pavement centerline, and are not located over portland cement concrete joints” (SHRP, 1993).
 - Low Severity- Sealed crack, or unsealed cracking with a mean width of ≤ 0.25 inches.
 - Medium Severity- Cracking with a mean width > 0.25 inches and ≤ 0.75 inches; or any cracking of equal width that is adjacent to low severity cracking.
 - High Severity- Cracking with a mean width of > 0.75 inches; or any cracking with a mean width of ≥ 0.75 inches that is also adjacent to moderate or high severity cracking.
- Longitudinal cracking- “Cracks predominately parallel to pavement centerline” (SHRP, 1993).
 - Low Severity- Sealed crack, or unsealed cracking with a mean width of ≤ 0.25 inches.
 - Medium Severity- Cracking with a mean width > 0.25 inches and ≤ 0.75 inches; or any cracking of equal width that is adjacent to low severity cracking.
 - High Severity- Cracking with a mean width of > 0.75 inches; or any cracking with a mean width of ≥ 0.75 inches that is also adjacent to moderate or high severity cracking.

- Alligator cracking- “A series of interconnected cracks in early stages of development. Develops into many-sided, sharp-angled pieces, usually less than 1 foot on the longest side, characteristically with a chicken wire/alligator pattern” (SHRP, 1993).
 - Low Severity- A series of cracks with none or few connected cracks. Cracks are not sealed and there is no evidence spalling or pumping.
 - Medium Severity- Interconnected cracks forming above described pattern. May include light spalling and cracks may be sealed, but no evidence of pumping.
 - High Severity- Interconnected cracks displaying moderate to severe spalling. Individual pieces may move under traffic loading and may display evidence of pumping.
- Patching- “Portion of pavement surface, greater than 1 square foot that has been removed and replaced, or additional material applied to the pavement after original construction” (SHRP, 1993). Our data defines patching in square footage, not in terms of severity level.
- Potholes- “Bowl-shaped holes of various sizes in the pavement surface” (SHRP, 1993). Our data defines potholes in square footage, not in terms of severity level.

2.2.5 Pavement Serviceability Indexes (PSI)

PSI provides a single number on a scale from 0 to 5 that evaluates the overall condition of the pavement from the traveling public’s perspective. The following equation is used by WYDOT to calculate the PSI of the state highway system:

$$PSI = 5.35e^{-0.0058*IRI} - 4RUT^2 - 3\left(1 - \left(\frac{PCI}{100}\right)\right)$$

Where:

- IRI is the International Roughness Index (inches/mile)
- RUT is the mean Rut Depth (inches)
- PCI is the Pavement Condition Index (based on ASTM D6433)

The following rating scale is used in this project to describe the condition of roads with a particular PSI value:

Greater than 3.5	-	Excellent Condition
3.01 – 3.5	-	Good Condition
2.51 – 3.0	-	Fair Condition
2.0 – 2.5	-	Poor Condition
Less than 2.0	-	Very Poor Condition

2.2.6 Average Roadway Width

Beginning in 2020, average roadway width was added as a new parameter in this report. Roadway paved surface widths were measured using Google Earth high-definition satellite imagery and measurement tool. Three measurements were taken for each road segment and then averaged.

The following scale is used in this project to describe the average width of roads measured in feet.

Less than 25 ft.	Narrow
25-26 ft.	Moderate
27-30 ft.	Wide
Greater than 30 ft.	Very Wide

3 EASTERN PART OF THE STATE COUNTY DATA

Data from multiple sources such as GIS layer of county paved roads, traffic counts, pavement condition, and road thickness were summarized for statewide county roads in this report. Appendix 1 provides the list of the roadway segments by each county in the eastern part of the state with pavement conditions (Rut Depth, IRI, PCI, Distress Data, PSI and Average Road Width) and pavement thicknesses (asphalt and base thickness). This chapter describes the overall conditions of eastern part of the state county paved roads.

3.1 Statewide County Paved Roads

As shown in Table 2, there are 755 roadway segments in eastern part of the state with 1,124 miles. Summary by each county can be seen in Appendix 2.

Table 2: Summary of Statewide and Eastern Part of the State County Paved Roads.

	Statewide	Eastern Part
Total Length, miles	2,444	1,124
Total Number of Segments	2,250	755
Minimum Segment Length, mile	0.01	0.019
Maximum Segment Length, mile	30.8	14.11

3.2 Pavement Condition Assessments

3.2.1 Rut Depths (RD)

Table 3 and Figure 3 show the average rut depth divided into two categories: greater than 0.3 inches and less than 0.3 inches in Eastern Wyoming comparing 2014, 2018 and 2020. Figure 4 shows the rut depth of the eastern part of the state county paved road segments. The summary of rut depth for each county is summarized in Appendix 3.

Table 3: Rut Depth in Statewide versus Eastern Wyoming in 2014, 2018 and 2020.

	Eastern side of the State, 2014	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
More than 0.3 inches	105 (8%)	2 (0%)	24 (2%)	227 (9%)
0.3 inches or less	1039 (85%)	1,137 (98%)	1,100 (98%)	2,122 (87%)
Missing	69 (5%)	20 (2%)	0 (0%)	95 (4%)
Total	1,214 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)

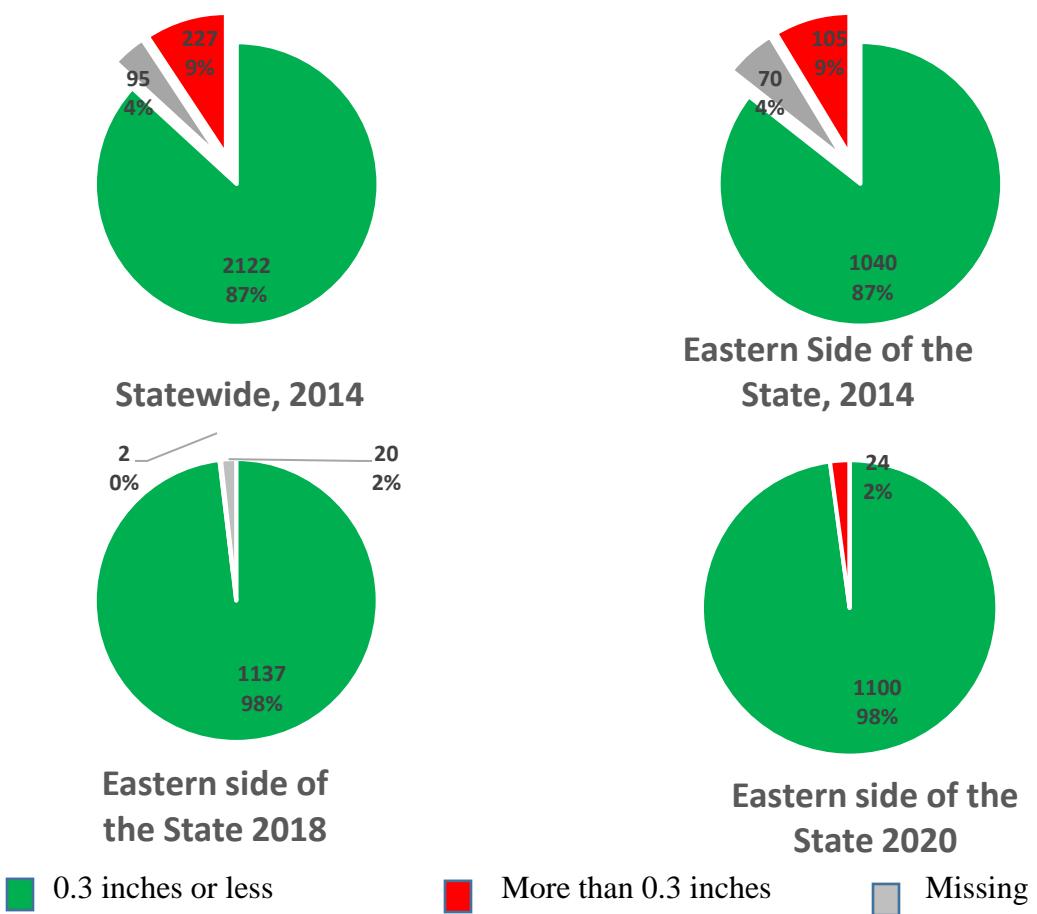


Figure 3: Rut Depth in 2014, 2018 and 2020.

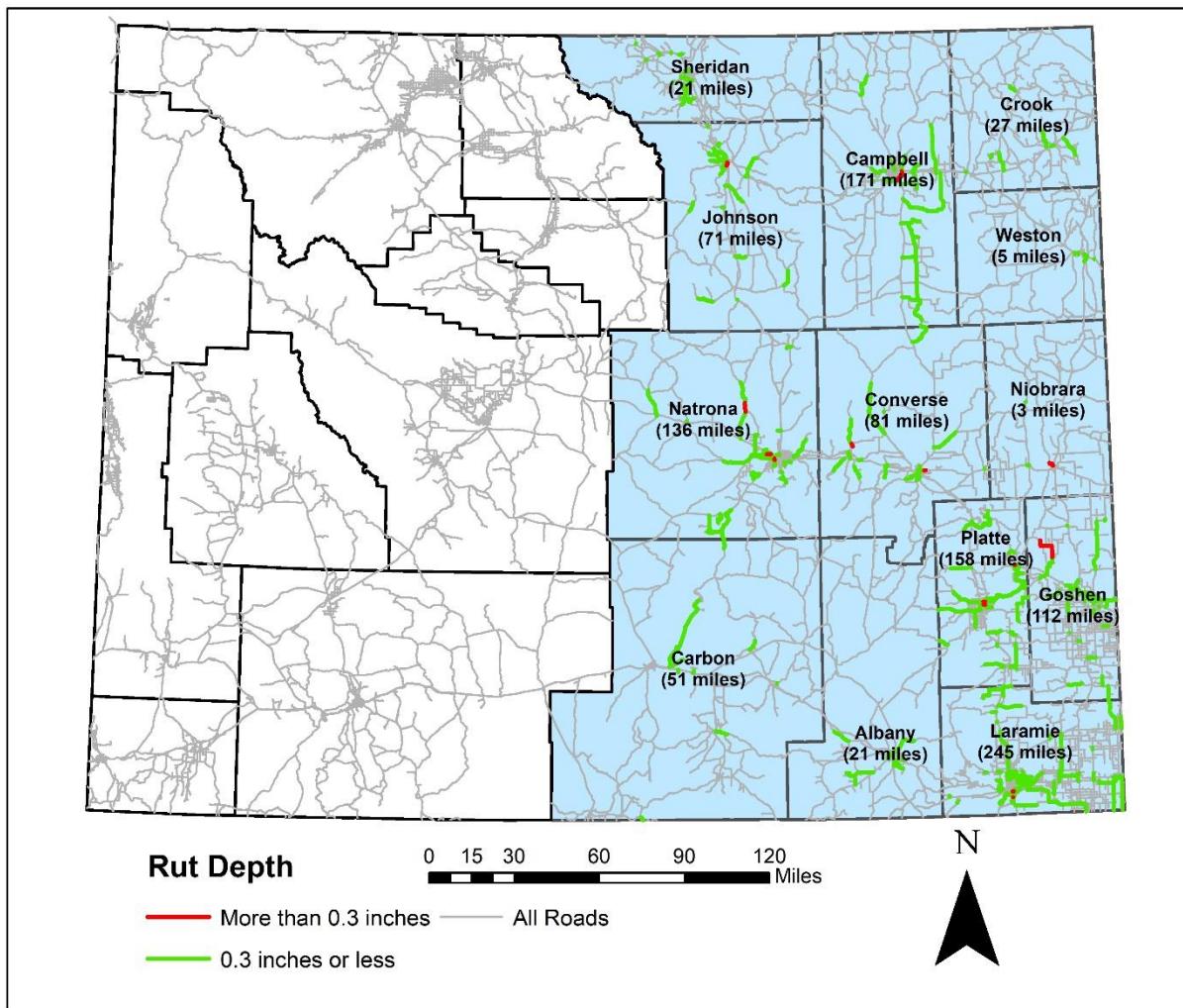


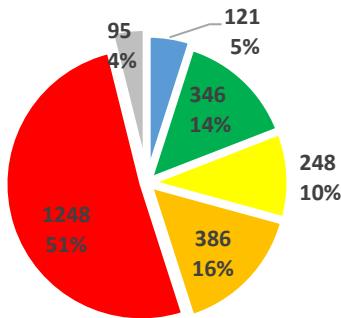
Figure 4: Rut Depth Conditions of the Eastern Wyoming in 2020.

3.2.2 International Roughness Index (IRI)

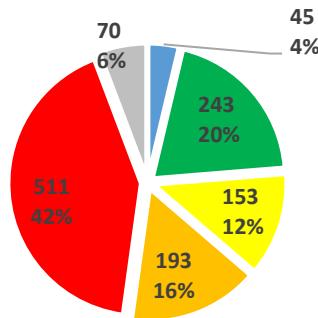
Table 4 and Figure 5 show the roughness conditions (IRI) of county roads. In 2020, 37 percent of the county roads were in very poor condition. Figure 6 shows the roughness condition of the Eastern part of the state. The summary of IRI for each county is summarized in Appendix 4.

Table 4: Roughness (IRI) in Statewide versus Eastern Wyoming in 2014, 2018 and 2020

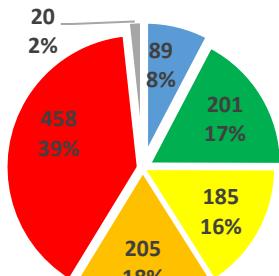
	Eastern side of the State, 2014	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Excellent (Less than 70)	44 (3%)	89 (8%)	87 (8%)	121 (5%)
Good (70 – 100)	243 (20%)	201 (17%)	219 (19%)	346 (14%)
Fair (101 – 130)	152 (12%)	185 (16%)	208 (19%)	248 (10%)
Poor (131 – 170)	193 (15%)	205 (18%)	188 (17%)	386 (16%)
Very Poor (Greater than 170)	510 (42%)	458 (39%)	421 (37%)	1248 (51%)
Missing	69 (5%)	20 (2%)	0 (0%)	95 (4%)
1159 Total	1,214 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



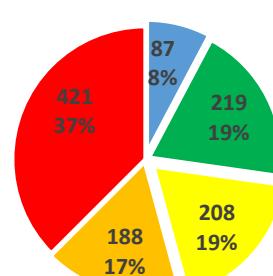
Statewide, 2014



Eastern Side of the State, 2014



Eastern Side of the State, 2018



Eastern Side of the State, 2020

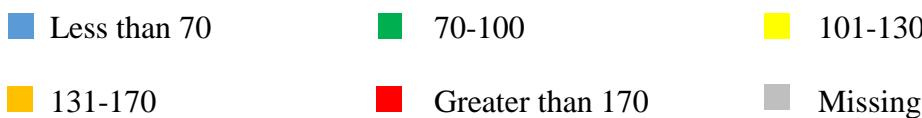


Figure 5: Roughness (IRI) in 2014, 2018 and 2020.

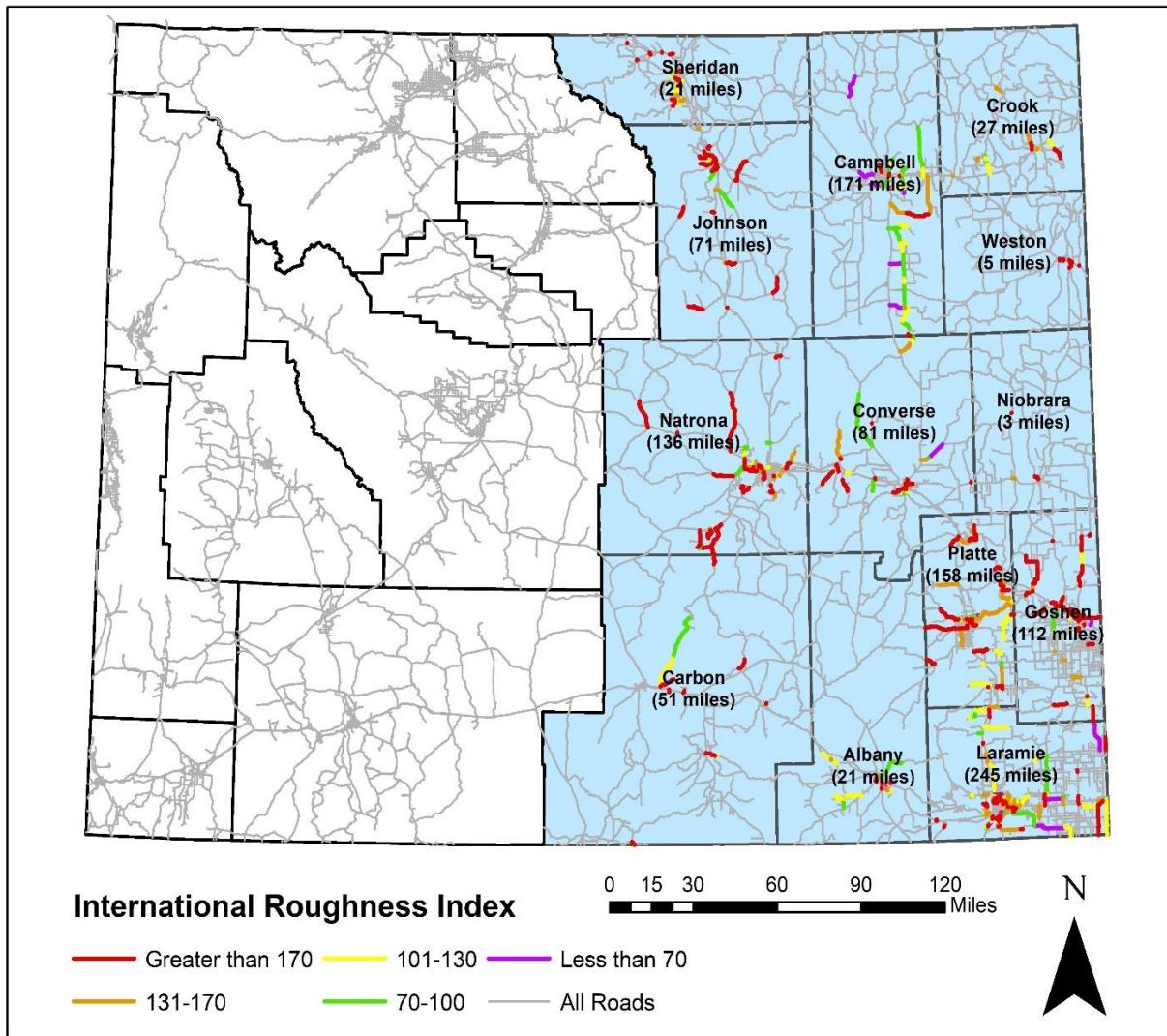


Figure 6: Roughness (IRI) of Eastern Wyoming.

3.2.3 Pavement Condition Index (PCI)

Table 5 and Figure 7 show the PCI summary of all county roads. Figure 8 shows graphically the PCI levels of the Eastern part of the state. The summary of PCI for each county is summarized in Appendix 5.

Table 5: PCI in Statewide versus Eastern Part in 2014, 2018 and 2020.

	Eastern side of the State, 2014	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Less than 70	245 (20%)	388 (33%)	508 (45%)	479 (20%)
70 - 85	347 (28%)	706 (61%)	586 (52%)	601 (25%)
Greater than 85	544 (44%)	45 (4%)	30 (3%)	1,259 (52%)
Missing	77 (6%)	20 (2%)	0 (0%)	106 (4%)
Total	1,214 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)

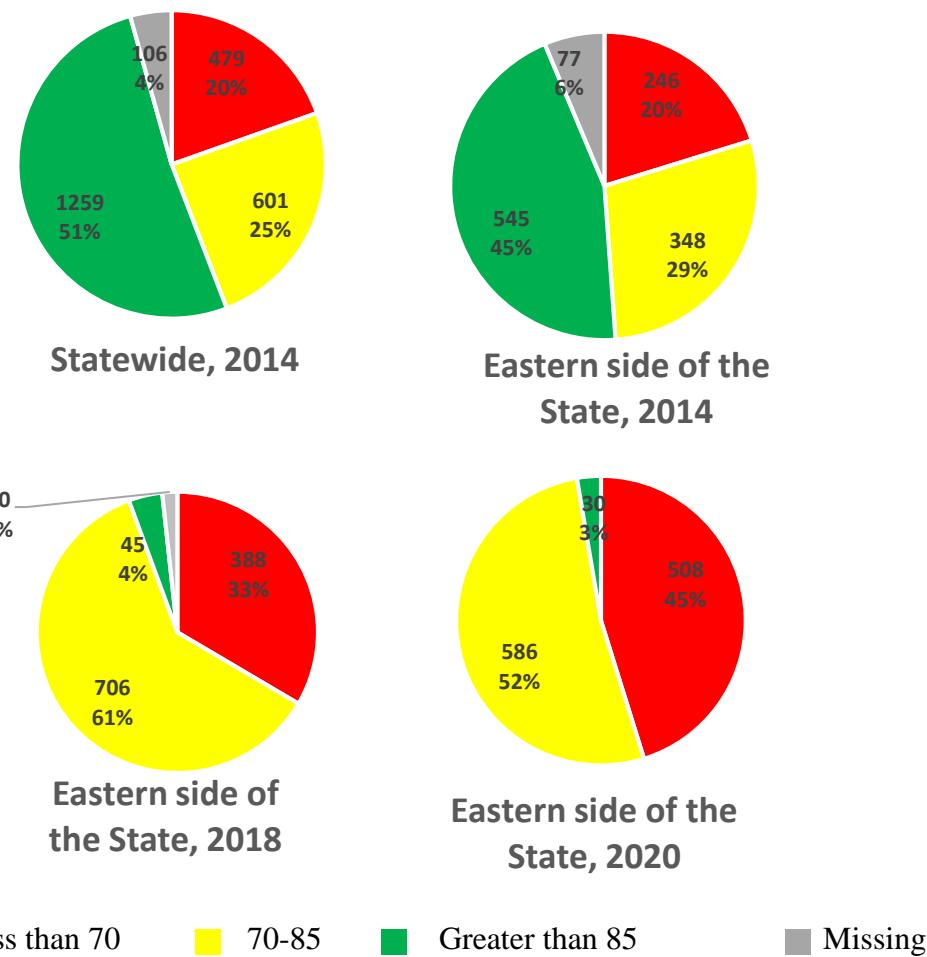


Figure 7: PCI in 2014, 2018 and 2020.

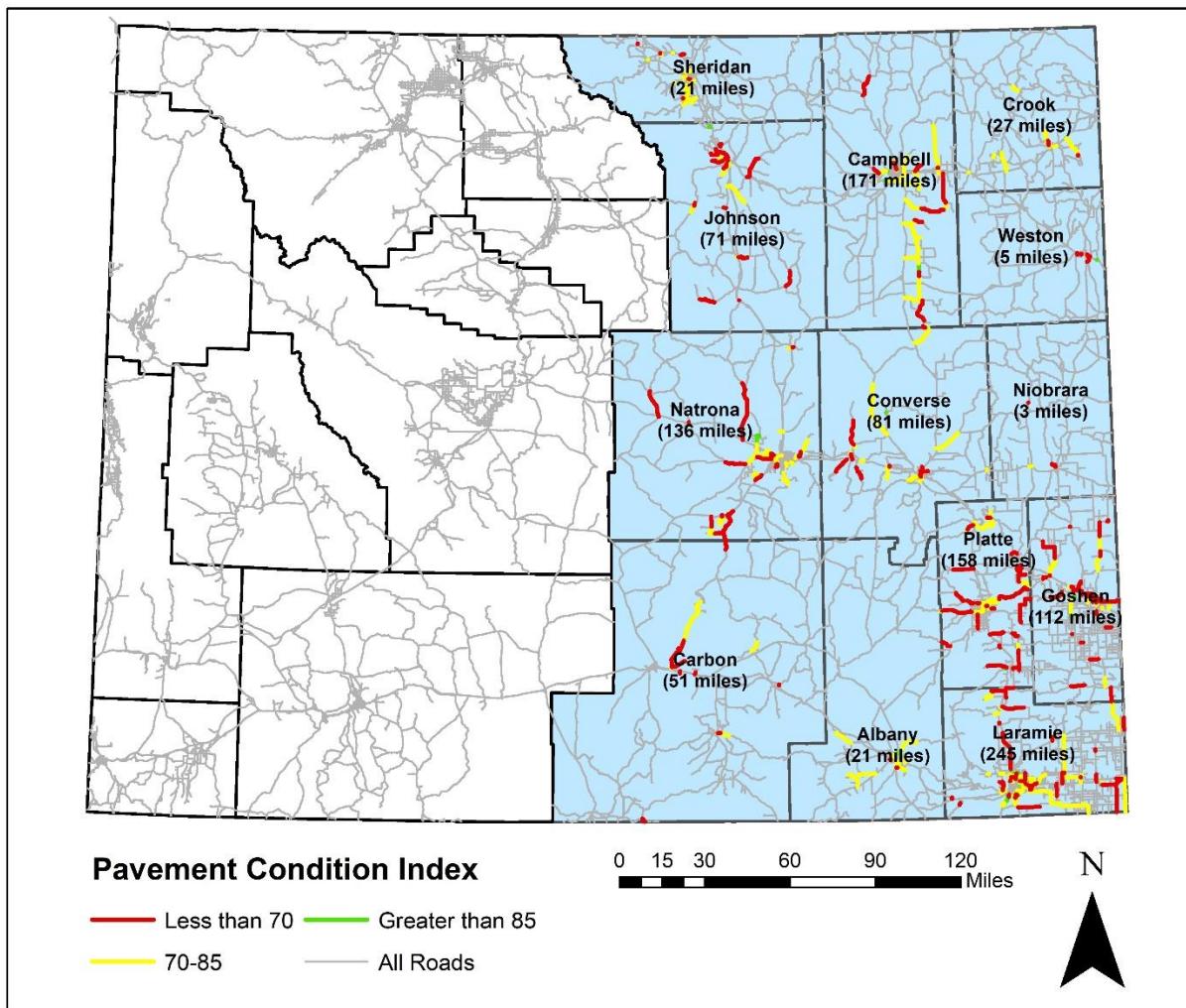


Figure 8: Pavement Condition Index (PCI) of Eastern Wyoming in 2020.

3.2.4 Pavement Distresses

Figures 9 through 13 display specific pavement distresses averaged per-mile for Eastern Wyoming. Detailed distress data for every county pavement segment was provided to each county on a hard drive. Detailed distress data for Eastern Wyoming is available upon request. Detailed distress information by county is summarized in appendix 6

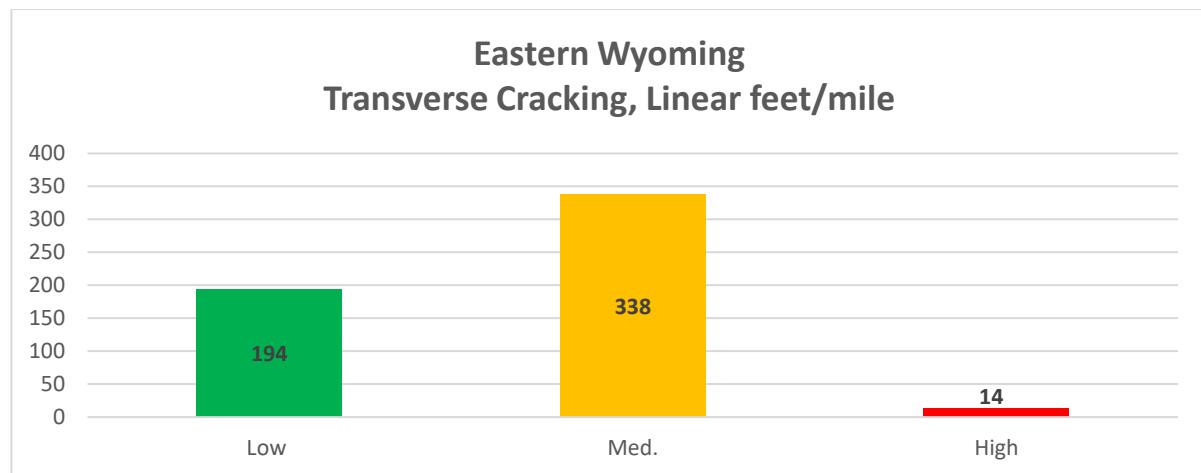


Figure 9: Transverse Cracking in Eastern Wyoming

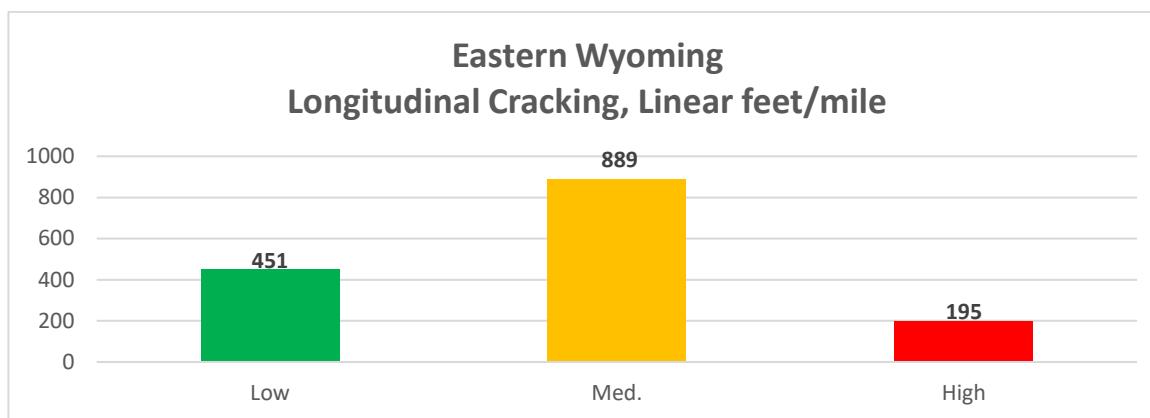


Figure 10: Longitudinal Cracking in Eastern Wyoming

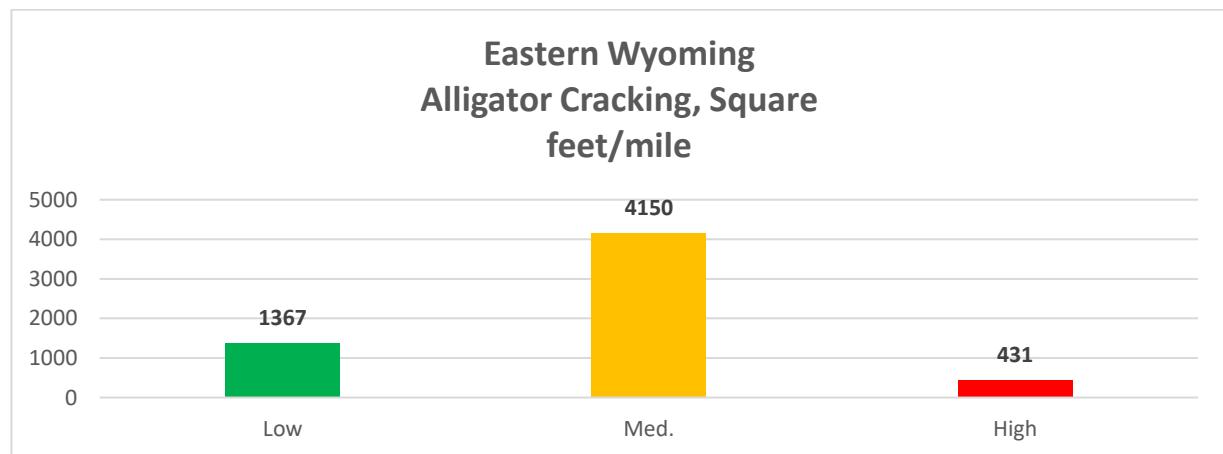


Figure 11: Alligator Cracking in Eastern Wyoming

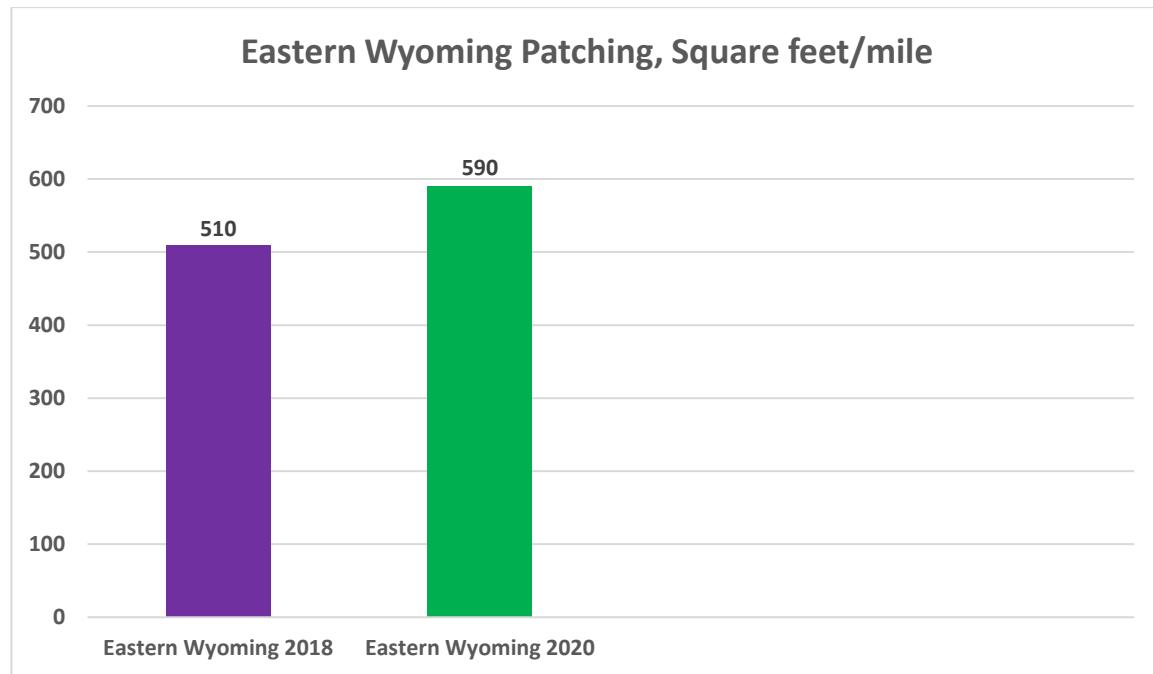


Figure 12: Pavement Patching in Eastern Wyoming

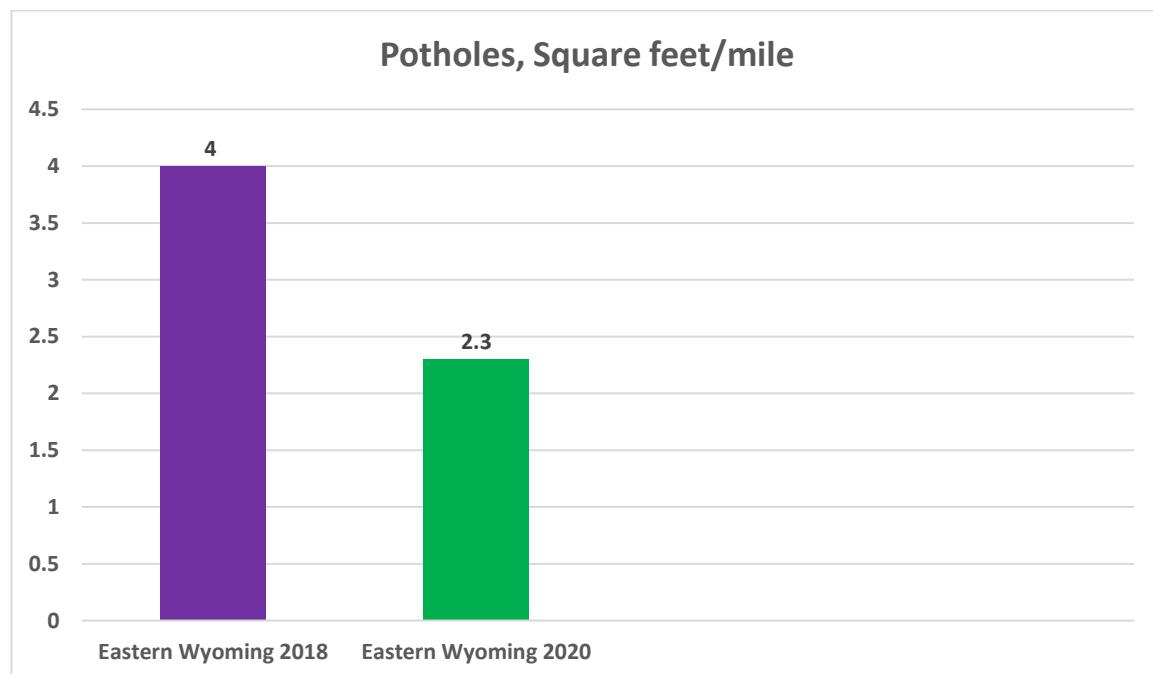


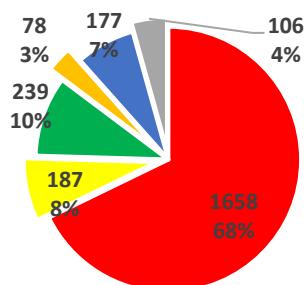
Figure 13: Potholes in Eastern Wyoming

3.2.5 Pavement Serviceability Indexes (PSI)

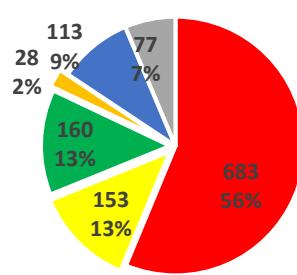
Table 6 and Figure 14 show the summaries of PSI divided into five categories for county roads. In 2020, 68% of the segments of county roads were in poor condition. Figure 15 shows graphically the PSI level for the eastern part of the state. The summary of PSI for each county is summarized in Appendix 7.

Table 6: PSI in Statewide versus Eastern Part in 2014 and 2018.

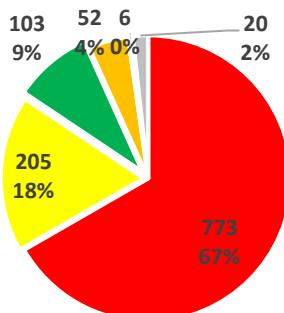
	Eastern side of the State, 2014	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Greater than 3.5	28 (2%)	6 (0%)	0 (0%)	78 (3%)
3.01 – 3.5	112 (9%)	52 (4%)	42 (4%)	177 (7%)
2.51 – 3.0	160 (13%)	103 (9%)	139 (12%)	239 (10%)
2 – 2.5	152 (12%)	205 (18%)	177 (16%)	187 (8%)
Less than 2	683 (56%)	773 (67%)	765 (68%)	1,658 (68%)
Missing	77 (6%)	20 (2%)	0 (0%)	106 (4%)
Total	1,214 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



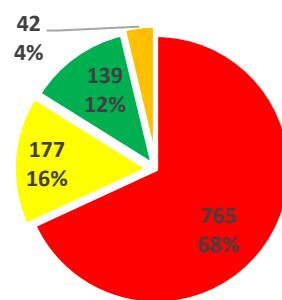
Statewide, 2014



Eastern Side of the State, 2014



Eastern side of the State, 2018



Eastern Side of the State, 2020

■ Less than 2

■ 2.00-2.50

■ 2.51-3.00

■ 3.01-3.50

■ Greater than 3.5

■ Missing

Figure 14: Pavement Serviceability Index in Eastern Wyoming

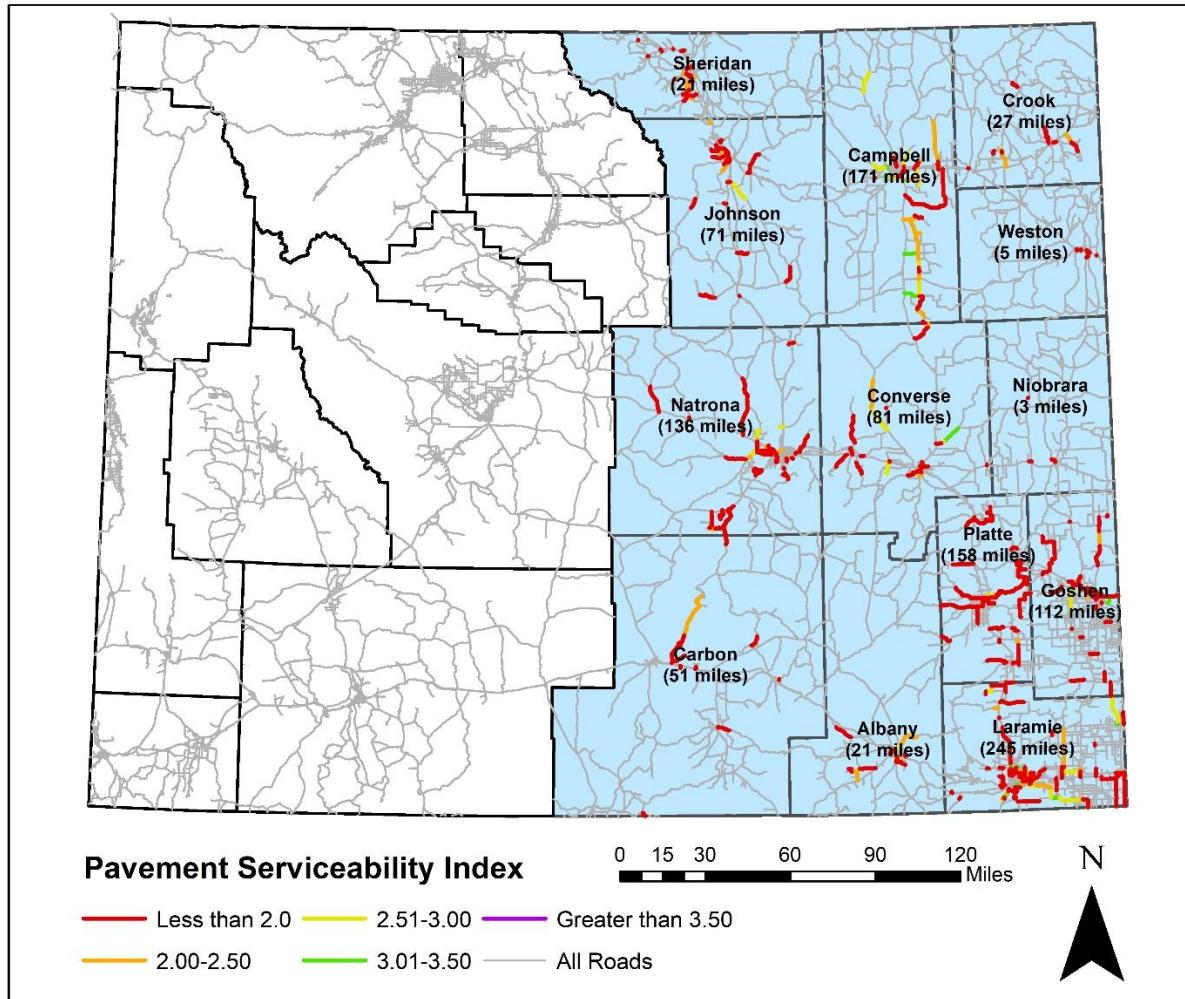


Figure 15: Pavement Serviceability Index (PSI) in Eastern Wyoming.

3.2.6 Average Road Width

Table 6 and Figure 16 show the summaries of average road width divided into four categories for county roads in Eastern Wyoming. Average road width data for Eastern Wyoming was collected in 2018. Figure 16 shows graphically the average road widths of road segments in Eastern Wyoming.

Table 7: 2018 average road width by mileage in Eastern Wyoming

	Eastern side of the State, 2018
Less than 25 ft.	300 (25%)
25-26 ft.	387 (33%)
27-30 ft.	303 (26%)
Greater than 30 ft.	195 (16%)
Total	1,159 (100%)

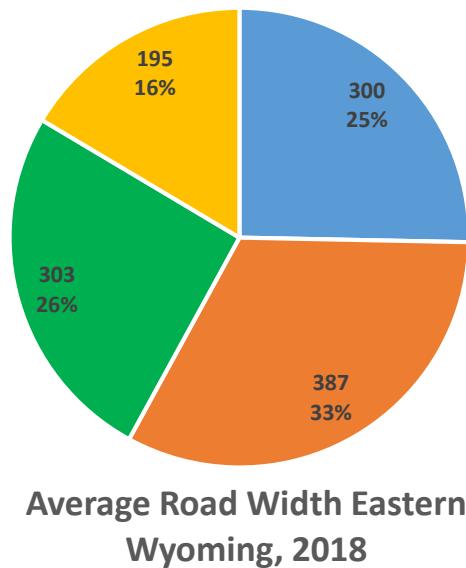


Figure 16: Average Road Width in Eastern Wyoming.

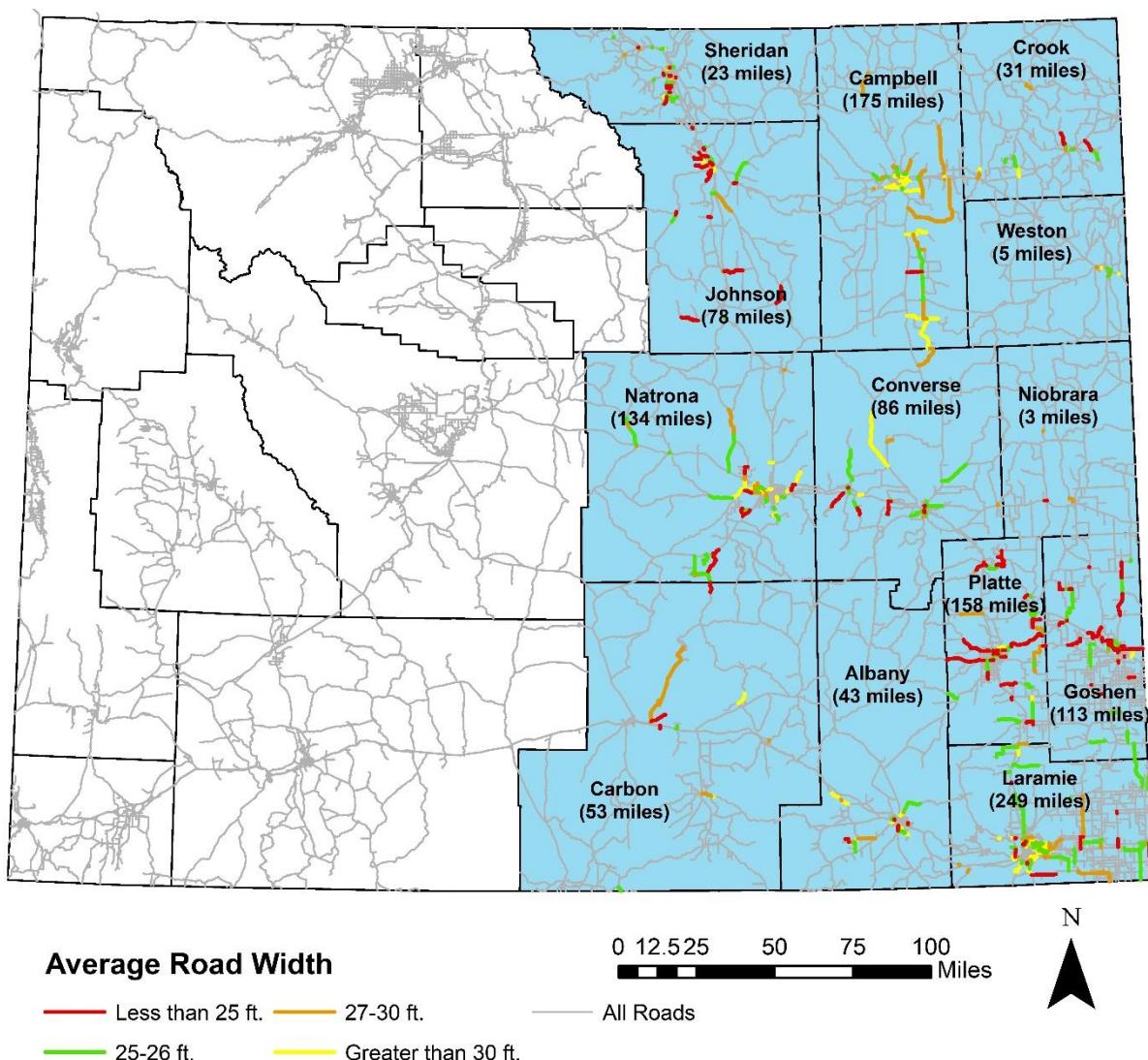


Figure 17: 2018 Average Road Width in Eastern Wyoming.

4 SUMMARY

This report provided the datasets and summaries for the condition of the Eastern part of the state county paved roads. As shown in Figure 18, other information/reports will be also available for counties to view on the WYT²/LTAP website.

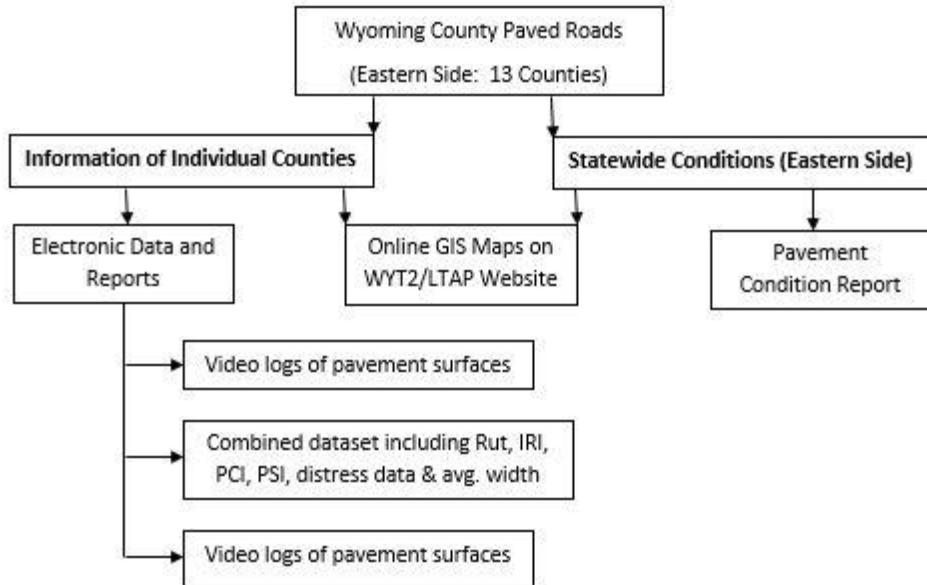


Figure 18: Project Deliverables

If you have any question about the contents of this report, please contact:

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- SHRP-P-338. 1993. *Distress Identification Manual for the Long-Term Pavement Performance Project*. Washington D.C: National Research Council.

APPENDIX 1: PAVEMENT CONDITION SUMMARIES

Appendix 1.1: Albany County Pavement Condition Summaries.

County	RID	Begin MP	End MP	Primary Name	2014		2018				2020				
					Asphalt/ Concrete Thickness (Inch)	Base Thickness (inch)	Rut	IRI	PCI	PSI	Average Road Width	Rut	IRI	PCI	PSI
Albany	ML4247B	0.6	1.09	Adon Road	1.55	4.38	0.06	149.5	87	1.84	26	0.16	135	72	1.51
Albany	ML4247B	1.09	1.3	American Road	1.88	4.98	0.06	145.5	87	1.90	20	0.17	149	80	1.54
Albany	ML5004B	0.5	0.83	Bluebird Lane	1.28	3.04	0.09	223.5	81	0.86	28	0.19	194	73	0.79
Albany	ML5008B	2.27	3.83	Roger Canyon Road	2.83	5.38	0.06	90	87	2.77	52	0.14	91	86	2.66
Albany	ML5008B	3.83	4.83	Roger Canyon Road	2.82	4.37	0.08	137.5	98	2.32	28	0.13	75	87	3.02
Albany	ML5008B	4.38	11.37	Roger Canyon Road	2.84	3.88	0.10	101	71	2.07	25	0.12	98	70	2.08
Albany	ML5009B	0	0.22	Huron Street	1.65	4.60	0.00	166.5	81	0.00	25	0.09	142	75	1.57
Albany	ML5009B	0.22	0.42	Huron Street	2.87	4.83	0.00	99	76	0.00	28	0.09	98	87	2.61
Albany	ML5010B	0	0.216	County Shop Road	0.00	4.24	0.07	358.5	80	0.05	26	0.12	276	80	0.43
Albany	ML5011B	0.26	1.13	Ft. Sanders Road	3.14	5.94	0.06	77	82	2.87	21	0.09	79	77	2.66
Albany	ML5011B	1.13	1.89	Ft. Sanders Road	3.10	6.07	0.04	80.5	81	2.78	19	0.08	82	82	2.77
Albany	ML5011B	1.89	2.24	Ft. Sanders Road	2.56	5.18	0.05	167	90	1.72	31	0.12	182	77	1.12
Albany	ML5012B	0.09	0.5	Howe Road	1.36	4.95	0.04	183.5	73	1.03	32	0.08	164	67	1.05
Albany	ML5012B	0.5	2.59	Howe Road	2.20	5.71	0.08	120	73	1.83	25	0.08	135	71	1.56
Albany	ML5012B	2.59	3.787	Howe Road	2.17	7.24	0.23	116	73	1.72	47	0.06	111	71	1.93
Albany	ML5017B	0	0.04	Sand Creek Road	0.00	5.31	0.03	441.5	79	0.00	23	0.17	493	84	0.00
Albany	ML5023B	0	2	Lake Hatter Road	2.91	2.68	0.11	131.5	78	1.79	24	0.10	115	76	2.00
Albany	ML5034B	0	0.06	Welsh Lane	0.00	2.74	0.06	327.5	89	0.46	25	0.05	266	82	0.59
Albany	ML5036B	0	2.6	Dutton Creek Road	2.20	2.20	0.12	123	83	2.05	43	0.10	121	76	1.90
Albany	ML5036B	2.6	3.05	Dutton Creek Road	2.50	1.81	0.19	129	85	1.94	28	0.09	145	76	1.55
Albany	ML5036B	3.05	7	Dutton Creek Road	2.46	2.20	0.28	126	73	1.46	49	0.09	118	71	1.80
Albany	ML5037B	0	0.216	Vista Drive	2.02	4.25	0.06	180	86	1.45	21	0.13	68	95	3.39
Albany	ML5037B	0.405	0.6	Vista Drive	3.73	4.08	0.06	59	94	3.61	23	0.10	161	70	1.17
Albany	ML5037B	0.6	0.91	Vista Drive	1.87	3.77	0.07	151	90	1.91	26	0.18	173	76	1.11
Albany	ML5060B	0	1.26	Soldier Springs Road	3.62	6.26	0.14	65	81	3.03	37	0.13	62	76	2.95
Albany	ML5060B	1.26	2.68	Soldier Springs Road	3.82	5.31	0.13	56.5	97	3.70	36	0.15	61	87	3.29
Albany	ML5060B	2.68	3.11	Soldier Springs Road	3.43	5.22	0.00	64.5	89	0.00	29	0.13	70	81	2.94
Albany	ML5069B	0	0.5	Union Chapel Road	0.00	3.88	0.04	479.5	68	0.00	32	0.28	473	68	0.00
Albany	ML5071B	0	5.57	Pahlow Lane	2.25	3.64	0.09	123.5	82	2.04	27	0.11	119	76	1.92
Albany	ML5071B	5.57	7	Pahlow Lane	2.60	4.09	0.08	100	80	2.37	32	0.11	99	77	2.27
Albany	ML5072B	0	1.92	Hanson Lane	3.00	2.87	0.08	113.5	82	2.20	29	0.09	103	76	2.20
Albany	ML5087B	0	3.3	Harmony Lane	2.77	4.10	0.06	97	82	2.50	26	0.09	88	71	2.31
Albany	ML9417B	0	0.26	Ft. Sanders Road	2.02	5.31	0.06	146.5	86	1.86	26	0.09	138	85	1.92

Appendix 1.3: Carbon County Pavement Condition Summaries.

County	RID	Begin MP	End MP	Primary Name	2014		2018					2020			
					Asphalt/ Concrete Thickness (Inch)	Base Thickness (inch)	Rut	IRI	PCI	PSI	Avg. Road Width	Rut	IRI	PCI	PSI
Carbon	ML20264B	100.78	101.55	Carbon City Hwy	Missing	4.76	0.075	155.5	75	1.4	27	0.23	178.5	79	1.07
Carbon	ML5428B	2.5	2.87	Elk Mountain-Medicine Bow Road	0.00	9.16	0.135	277	66	0	29	0.21	267	66	0.00
Carbon	ML5457B	0.74	4.04	Hanna Leo, Kortes Road	0.79	4.43	0.27	232.5	70	0.2	34	0.24	228	70	0.30
Carbon	ML5457B	53.97	57.43	Hanna Leo, Kortes Road	0.30	1.32	0.115	222.5	66	0.4	23	0.18	259.5	66	0.05
Carbon	ML5463B	0	0.38	Old Lincoln Highway	0.00	4.36	0.21	503.5	72	0	41	0.20	441	72	0.00
Carbon	ML5465B	0	5.17	Sinclair/Platte Road	0.00	3.35	0.125	325.5	70	0	23	0.21	302.5	66	0.00
Carbon	ML5469B	0	0.9	347N	0.00	2.48	0.225	357	71	0	25	0.17	328.5	68	0.00
Carbon	ML5471B	0.62	13.3	Seminoc Road	2.51	4.56	0.12	104	68	1.91	30	0.15	92.5	71	2.17
Carbon	ML5471B	13.3	26.03	Seminoc Road	Missing	Missing	Missing	Missing	Missing	Missing	Missing	0.14	129	66	1.44
Carbon	ML5471B	26.03	30.076	Seminoc Road	1.95	4.60	0.16	88	73	2.3	29	0.16	90	70	2.17
Carbon	ML5480B	0	0.87	C.I.G. Road	0.00	6.70	0.135	367	68	0	21	0.14	320	66	0.00
Carbon	ML5491B	0	0.19	Saratoga/10 Mile/Ryan Park Road	1.17	Missing	0.115	231.5	76	0.62	34	0.09	241	80	0.69
Carbon	ML5491B	0.19	0.62	Saratoga/10 Mile/Ryan Park Road	0.58	2.63	0.115	260.5	66	0.11	30	0.20	252.5	64	0.00
Carbon	ML5491B	0.62	1.2	Saratoga/10 Mile/Ryan Park Road	0.28	2.70	0.13	255	70	0.25	32	0.27	243.5	66	0.00
Carbon	ML5491B	1.2	3.7	Saratoga/10 Mile/Ryan Park Road	0.89	5.38	0.12	173	70	1	29	0.15	179.5	71	0.93
Carbon	ML5491B	3.7	4.5	Saratoga/10 Mile/Ryan Park Road	1.81	6.34	0.07	119.5	70	1.76	32	0.09	117	71	1.81
Carbon	ML5523B	0	1.93	Snake River Spur	0.27	3.12	0.08	261	68	0.19	26	0.19	269	68	0.03

Appendix 1.5: Crook County Pavement Condition Summaries.

County	RID	Begin MP	End MP	Primary Name	2014		2018					2020			
					Asphalt/ Concrete Thickness (Inch)	Base Thickness (inch)	Rut	IRI	PCI	PSI	Avg. Road Width	Rut	IRI	PCI	PSI
Crook	ML5625B	0	0.254	D-Road	0.29	4.18	0.11	245	68	0.29	29	0.11	155	70	1.24
Crook	ML5625B	2	3.501	D-Road	0.64	4.15	0.09	206	68	0.64	36	Missing	Missing	Missing	Missing
Crook	ML5635B	0	0.78	Warren Peak Road	0.83	3.50	0.11	225	68	0.45	27	0.17	218	71	0.53
Crook	ML5635B	0.78	1.38	Warren Peak Road	0.78	3.55	0.1	221	66	0.42	28	0.19	226	64	0.22
Crook	ML5635B	1.38	2.47	Warren Peak Road	0.59	3.33	0.08	217	69	0.56	26	0.19	219	67	0.37
Crook	ML5635B	2.47	13.4	Warren Peak Road	2.15	3.64	0.06	132	73	1.67	21	0.16	132	73	1.58
Crook	ML5667B	0	2.74	New Haven Road	Missing	4.30	0.23	158	70	1.04	28	0.23	142	71	1.27
Crook	ML5669B	1.56	2.01	McKean Road	3.26	7.98	0.13	75	87	3.02	25	0.16	61	81	3.10
Crook	ML5669B	2.01	2.73	McKean Road	2.54	6.26	0.14	106	80	2.22	27	0.13	116	70	1.76
Crook	ML5669B	2.73	3.5	McKean Road	2.55	4.68	0.11	95	81	2.48	26	0.09	96	83	2.54
Crook	ML5680B	0	3.63	Pine Ridge Road	2.54	4.71	0.06	101	76	2.25	33	0.25	102	81	2.15
Crook	ML5680B	3.63	5.13	Pine Ridge Road	2.65	8.01	0.09	97	70	2.13	26	0.12	93	70	2.17
Crook	ML5681B	0	0.11	Moskee Road	2.61	4.07	0.2	90	89	2.7	32	0.07	86	89	2.91
Crook	ML5681B	0.11	3.7	Moskee Road	2.25	4.18	0.09	130	73	1.67	24	0.11	107	73	2.03
Crook	ML5681B	3.7	3.95	Moskee Road	1.50	3.46	0.08	190	73	0.95	24	0.10	191	76	1.01
Crook	ML5681B	3.95	6.3	Moskee Road	0.71	3.65	0.07	251	70	0.33	26	0.11	263	70	0.22
Crook	ML5681B	6.3	7.74	Moskee Road	1.02	3.95	0.08	230	67	0.4	25	0.20	225	70	0.40
Crook	ML5681B	7.74	8.03	Moskee Road	0.24	3.60	0.06	263	66	0.13	25	0.14	292	66	0.00
Crook	ML5683B	16.61	17.7	Pine Haven Road	1.02	4.90	0.1	170	74	1.19	25	0.11	161	78	1.40
Crook	ML610B	0	0.65	Water St	Missing	2.13	0.1	134	76	1.71	26	0.09	136	72	1.57
Crook	ML610B	0.65	1.07	Water St	Missing	2.82	0.11	127	76	1.79	27	0.09	127	77	1.84

County	RID	Begin MP	End MP	Primary Name	2014			2018			2020				
					Asphalt/ Concrete Thickness (Inch)	Base Thickness (inch)	Rut	IRI	PCI	PSI	Avg. Road Width	Rut	IRI	PCI	PSI
Goshen	ML6135B	0	1.03	54E	0.23	8.92	0.13	296	68	0	21	0.23	294	66	0.00
Goshen	ML6135B	1.03	2.05	54E	0.86	8.93	0.13	211	71	0.64	21	0.19	219	66	0.34
Goshen	ML6136B	0	1.74	55A	1.16	3.25	0.25	202	68	0.46	26	0.265	191	66	0.47
Goshen	ML6136B	1.74	3.03	55A	1.02	2.59	0.23	222	70	0.37	26	0.235	220	68	0.31
Goshen	ML6136B	3.03	5.22	55A	1.25	2.57	0.21	199	77	0.83	25	0.185	199	66	0.53
Goshen	ML6204B	0	0.24	70Y	0.34	1.91	0.09	322	82	0.26	24	0.135	245	74	0.44
Goshen	ML6208B	0.52	1.28	72D	0.00	5.50	0.06	221	68	0.51	23	0.11	198	67	0.66
Goshen	ML6208B	1.28	2.53	72D	0.00	4.85	0.06	237	66	0.32	23	0.07	230	66	0.37
Goshen	ML6208B	2.53	5.72	72D	0.00	4.47	0.07	294	66	0	23	0.095	285	66	0.00
Goshen	ML6208B	5.72	6.76	72D	0.00	5.38	0.07	210	66	0.55	22	0.12	196	66	0.64
Goshen	ML6209B	0	0.27	72G	0.00	4.61	0.09	440	73	0	23	0.19	372	76	0.00
Goshen	ML6213B	0	1.02	74C	0.89	4.17	0.08	239	68	0.36	25	0.135	235	68	0.34
Goshen	ML6213B	1.02	1.96	74C	0.00	5.73	0.08	375	66	0	20	0.11	349	66	0.00
Goshen	ML8069B	7.91	8.92	Deer Creek Rd.	1.02	4.17	0.08	194	68	0.75	23	0.115	204	66	0.57
Goshen	ML9287B	0	0.59	Deer Creek Rd.	0.67	4.22	0.06	185	64	0.74	23	0.1	200	61	0.47
Goshen	ML9287B	0.59	2.45	Deer Creek Rd.	0.98	3.87	0.06	170	66	0.96	23	0.09	181	62	0.70
Goshen	ML9287B	2.45	4.46	Deer Creek Rd.	0.67	3.48	0.06	209	66	0.56	24	0.155	220	66	0.38
Goshen	ML9287B	4.46	5.68	Deer Creek Rd.	0.47	3.60	0.06	185	66	0.8	23	0.185	200	62	0.41
Goshen	ML9294B	0	0.05	80B	0.00	4.23	0.06	369	86	0.2	24	0.245	413	72	0.00
Goshen	ML9301B	0	0.33	Grey Rocks Rd.	1.89	5.03	0.09	126	79	1.91	26	0.15	120	76	1.87
Goshen	ML9301B	0.33	1.37	Grey Rocks Rd.	1.07	5.36	0.08	213	71	0.67	23	0.205	198	69	0.60
Goshen	ML9301B	1.37	1.89	Grey Rocks Rd.	1.25	4.57	0.06	177	68	0.95	23	0.085	178	67	0.89
Goshen	ML9301B	1.89	2.21	Grey Rocks Rd.	0.58	4.07	0.04	247	67	0.28	24	0.1	347	72	0.00
Goshen	ML9313B	0	0.39	Hope Road	0.58	3.25	0.08	237	70	0.43	26	0.235	229	72	0.36
Goshen	ML9313B	0.39	0.58	Hope Road	0.00	3.96	0.09	356	76	0	25	0.205	409	72	0.00
Goshen	ML9316B	0	0.093	Radio Road	1.16	2.96	0.09	412	85	0.01	25	0.11	156	82	1.58
Goshen	ML9316B	0.09	0.16	Radio Road	0.78	3.32	0.08	308	87	0.48	17	Missing	Missing	Missing	Missing
Goshen	ML9320B	0	0.18	McKenna Rd. F45	1.51	3.97	0.18	246	77	0.47	23	0.135	162	68	1.06
Goshen	ML9320B	0.18	0.57	McKenna Rd. F45	1.43	3.91	0.11	182	72	0.98	24	0.11	182	68	0.86
Goshen	ML9321B	0	0.25	McKenna Rd. G45	1.42	4.45	0.09	155	78	1.49	23	0.06	156	71	1.29
Goshen	ML9321B	0.25	0.48	McKenna Rd. G45	1.17	3.88	0.09	165	77	1.34	24	0.1	170	71	1.09
Goshen	ML9335B	0	0.85	47C	0.95	2.19	0.07	292	76	0.25	24	0.19	248	75	0.38
Goshen	ML9335B	0.85	0.87	47C	Missing	4.23	0.06	515	89	0	23	0.19	248	75	0.38
Goshen	ML9344B	0	0.45	47A	0.43	6.35	0.12	299	68	0	27	0.17	270	65	0.00
Goshen	ML9344B	0.45	1.03	47A	0.79	3.09	0.13	257	64	0.06	22	0.21	208	64	0.34
Goshen	ML9532B	0	2.75	Road 55F	3.78	4.11	0.11	51	81	3.37	34	0.085	49	76	3.28

County	RID	Begin MP	End MP	Primary Name	2014			2018				2020			
					Asphalt/ Concrete Thickness (Inch)	Base Thickness (inch)	Rut	IRI	PCI	PSI	Avg. Road Width	Rut	IRI	PCI	PSI
Laramie	ML7371B	104.65	104.79	Prairie Hills Dr	Missing	Missing	0.07	237	78	0.4	25	0.12	285	67	0.00
Laramie	ML7374B	0	0.52	Wapiti Trail	Missing	Missing	0.05	233	81	0.34	33	0.11	204	82	1.06
Laramie	ML7375B	0	0.11	Arcadian Drive	0.25	3.46	0.2	367	78	0.4	50	0.11	240	80	0.69
Laramie	ML7376B	0	0.45	Saddle Dr	1.85	4.90	0.09	147	86	0.25	28	0.07	154	82	1.64
Laramie	ML7377B	0	0.62	Thoroughbred Lane	Missing	Missing	0.07	191	72	0.52	23	0.09	194	71	0.83
Laramie	ML7407B	0	0.79	Dayshia Lane	2.14	3.54	0.06	178	77	0.42	31	0.15	159	81	1.47
Laramie	ML7428B	0	0.47	HR Ranch Road	Missing	Missing	0.09	189	76	0.44	29	0.17	332	67	0.00
Laramie	ML9039B	100.13	101.01	W College Dr.	Missing	Missing	0.25	79	76	0.44	73	0.18	114	90	2.33
Laramie	ML9039B	101.01	102.92	W College Dr.	Missing	Missing	0.25	79	76	0.44	40	0.13	69	89	3.19
Laramie	ML9039B	102.919	103.14	W College Dr.	Missing	Missing	0.25	79	76	0.44	40	0.10	207	90	1.28
Laramie	ML9357B	0	0.54	Greenmeadow Dr	1.92	4.69	0.14	153	78	0.4	25	0.08	155	76	1.44
Laramie	ML9358B	0	0.16	Green Prairie	Missing	Missing	0.08	178	78	0.4	25	0.09	152	75	1.43
Laramie	ML9359B	0	0.09	Greenfield Ct	1.02	5.00	0.09	241	75	0.46	25	0.10	282	89	0.68
Laramie	ML9360B	0	0.04	Greenridge Ct	1.40	4.43	0.1	264	85	0.27	25	0.08	217	80	0.90
Laramie	ML9361B	0	0.07	Greenhill Ct	1.26	4.89	0.1	261	81	0.34	25	0.13	237	87	0.90
Laramie	ML9382B	0	10.83	Road 124	0.00	2.96	0.11	202	66	0.65	26	0.13	129	68	1.52
Laramie	ML9385B	10.96	13.63	Road 154	Missing	Missing	0.13	226	66	0.65	22	0.10	237	64	0.23
Laramie	ML9468B	0	0.2	Heled Ave	Missing	Missing	0.04	278	73	0.5	48	0.10	270	79	0.45
Laramie	ML9471B	3.108	5.821	Road 245	Missing	Missing	0.07	173	70	0.56	29	0.18	158	64	0.94
Laramie	ML9513B	0	0.03	Lucy Ln	Missing	Missing	0.06	381	74	0.48	30	0.16	178	86	1.39
Laramie	ML9572B	0.72	1.14	Road 214	1.63	2.71	0.06	108	69	0.59	26	0.10	94	73	2.25
Laramie	ML9586B	0	0.071	High Plains R	Missing	Missing	0.15	232	90	0.17	42	0.07	158	90	1.83
Laramie	ML9540B	0	0.53	Martingale	Missing	Missing	0.08	185	75	0.46	23	0.06	139	81	1.81
Laramie	ML20661B	100	100.691	E Allison Rd	Missing	Missing	0.08	399	68	0.61	35	0.07	105	86	2.47
Laramie	ML20790B	100	100.283	Hinkley Dr	Missing	Missing	0.22	157	93	0.12	35	Missing	Missing	Missing	Missing
Laramie	ML20791B	100	100.43	Energy Dr	Missing	Missing	0.22	128	81	0.34	37	Missing	Missing	Missing	Missing
Laramie	ML222B	26.68	27.08	Road 120	Missing	Missing	0.09	208	69	0.59	20	0.12	188	66	0.73
Laramie	ML222B	8.29	8.43	Telephone Rd	Missing	Missing	0.06	145	84	0.29	34	0.11	161	82	1.51
Laramie	ML26722B	0	0.055	Road 215A	Missing	Missing	0.06	Missing	Missing	0.29	24	Missing	Missing	Missing	Missing
Laramie	ML6737B	4.308	6.8	Road 123	Missing	Missing	0.06	179	66	0.65	35	0.19	172	66	0.81
Laramie	ML6743B	2.179	4.177	Powderhouse R	Missing	Missing	0.11	183	68	0.61	38	0.20	180	66	0.71
Laramie	ML6745B	2.066	2.205	Ridge RD	Missing	Missing	0.11	179	71	0.54	55	0.29	119	90	2.05
Laramie	ML6745B	2.459	4.86	Ridge RD	Missing	Missing	0.25	113	76	0.44	37	0.15	106	82	2.27
Laramie	ML6761B	0	3.79	Road 138	Missing	Missing	0.14	78	73	0.5	25	0.04	72	78	2.86
Laramie	ML6802B	0	0.61	Road 151	Missing	Missing	0.06	Missing	Missing	0.29	28	Missing	Missing	Missing	Missing
Laramie	ML6856B	12.858	15.963	Road 203	Missing	Missing	0.09	319	68	0.61	27	0.05	69	82	3.05
Laramie	ML6863B	0	0.668	Road 103	Missing	Missing	0.09	Missing	Missing	0.29	295	68	0.00	0.00	0.00
Laramie	ML6868B	1.456	2	E Allison Rd	Missing	Missing	0.2	93	84	0.29	28	0.18	373	68	0.00
Laramie	ML6869B	100.009	100.596	E Jefferson R	Missing	Missing	0.24	239	87	0.23	30	0.05	215	77	0.84
Laramie	ML6875B	5.57	8.591	Campstool Rd	Missing	Missing	0.08	80	81	0.34	30	0.07	84	81	2.70
Laramie	ML6883B	0	1.34	Dell Range Bl	Missing	Missing	0.16	193	71	0.54	25	0.14	166	70	1.07
Laramie	ML6893B	7.084	8.92	Road 212	Missing	Missing	0.22	144	68	0.61	25	0.11	144	68	1.32

County	RID	Begin MP	End MP	Primary Name	2014		2018				2020				
					Asphalt/ Concrete Thickness (Inch)	Base Thickness (inch)	Rut	IRI	PCI	PSI	Avg. Road Width	Rut	IRI	PCI	PSI
Natrona	ML7676B	0	3.59	Pathfinder Road	0.91	5.76	0.07	228	71	0.54	25	0.17	229	70	0.41
Natrona	ML7676B	3.59	6.26	Pathfinder Road	0.44	5.46	0.08	245	72	0.43	25	0.21	355	64	0.00
Natrona	ML7679B	0	1.04	Grey Reef Road	0.00	2.27	0.1	384	64	0	22	0.26	454	64	0.00
Natrona	ML7679B	1.04	1.19	Grey Reef Road	0.00	2.47	0.12	414	64	0	21	0.24	437	64	0.00
Natrona	ML7679B	1.19	2.26	Grey Reef Road	0.00	2.51	0.08	447	64	0	22	0.23	340	66	0.00
Natrona	ML7680B	0	0.59	Wolf Creek Road	0.00	7.24	0.14	346	66	0	25	0.20	303	66	0.00
Natrona	ML7680B	0.59	0.92	Wolf Creek Road	0.00	9.63	0.1	287	66	0	25	0.19	279	62	0.00
Natrona	ML7681B	0	0.26	Squaw Creek Road	0.00	7.57	0.1	311	65	0	27	0.22	340	70	0.00
Natrona	ML7681B	0.26	0.38	Squaw Creek Road	0.00	8.68	0.08	311	66	0	25	0.18	297	64	0.00
Natrona	ML7681B	0.38	1.16	Squaw Creek Road	0.00	6.40	0.09	292	64	0	25	0.09	192	73	0.92
Natrona	ML7684B	0	1.32	Hogadon Road	0.45	2.64	0.07	220	72	0.64	32	0.10	213	71	0.65
Natrona	ML7685B	0	0.4	Circle Drive	0.92	3.90	0.14	237	68	0.32	27	0.06	164	73	1.24
Natrona	ML7685B	0.4	1.35	Circle Drive	1.39	3.82	0.15	178	72	0.98	25	0.07	165	71	1.17
Natrona	ML7685B	1.35	2.57	Circle Drive	1.09	3.88	0.14	208	75	0.78	25	0.06	127	85	2.10
Natrona	ML7688B	0.67	1.02	Country Club Road	0.00	2.25	0.15	179	84	1.33	25	0.13	170	73	1.12
Natrona	ML7688B	1.02	1.53	Country Club Road	0.00	4.29	0.13	182	73	0.99	25	0.06	261	72	0.33
Natrona	ML7691B	0	0.5	Rotary Park Road	0.90	4.50	0.11	270	76	0.35	25	0.15	354	67	0.00
Natrona	ML7692B	0	0.18	Mystery Bridge Road	0.00	4.88	0.08	494	66	0	25	0.17	311	63	0.00
Natrona	ML7692B	0.18	0.93	Mystery Bridge Road	0.00	4.61	0.07	312	64	0	21	0.13	155	88	1.76
Natrona	ML7698B	0	0.12	Yellowstone Cole Creek	1.76	2.36	0.08	155	90	1.85	40	0.16	136	70	1.44
Natrona	ML7698B	0.12	4.21	Yellowstone Cole Creek	1.95	2.31	0.07	138	75	1.63	38	0.15	207	66	0.51
Natrona	ML7699B	0	1.66	Cole Creek Road	0.00	6.83	0.1	306	64	0	20	0.10	75	76	2.70
Natrona	ML7704B	0	1.3	West Ormsby Road	0.76	5.37	0.06	74	79	2.85	31	0.13	119	81	2.05
Natrona	ML9426B	0	0.87	Salt Creek Parkway	2.25	4.02	0.25	148	73	1.21	35	0.18	134	70	1.44
Natrona	ML9427B	0	0.78	McKinley Street	1.75	5.19	0.18	142	73	1.42	39	0.25	213	79	0.69
Natrona	ML9427B	0.78	0.98	McKinley Street	1.22	4.81	0.13	202	76	0.88	36	0.20	139	71	1.37
Natrona	ML9490B	0	0.28	Blackmore Rd	1.51	4.46	0.07	170	66	0.96	41	0.13	113	84	2.23
Natrona	ML9490B	0.28	0.52	E. Lathrop Rd	3.20	4.07	0.09	103	84	2.43	40	0.20	246	66	0.12
Natrona	ML1314B	0	0.41	Redman Road	Missing	Missing	NA	NA	NA	NA	NA	0.13	194	70	0.77
Natrona	ML9591B	0	0.41	Gasplant Road	Missing	Missing	NA	NA	NA	NA	NA	0.22	206	70	0.53
Natrona	Unknown	0	0.5	Twelve Mile Road	Missing	Missing	NA	NA	NA	NA	NA	0.07	240	239.5	1.16
Natrona	ML20081B	0	0.32	Opportunity Road	Missing	Missing	NA	NA	NA	NA	NA	0.11	155	76	1.42
Natrona	ML20082B	0	0.21	Legacy Road	Missing	Missing	NA	NA	NA	NA	NA	0.11	154	82	1.61
Natrona	Unknown	0	1.02	Scenic Drive	Missing	Missing	NA	NA	NA	NA	NA	0.05	65	90	3.37
Natrona	ML7690B	0	0.56	Allendale Road	Missing	Missing	NA	NA	NA	NA	NA	0.08	147	76	1.54
Natrona	ML9428B	0	0.6	Allendale Road	Missing	Missing	NA	NA	NA	NA	NA	0.14	255	68	0.19
Natrona	ML7699B	0.9	1.66	Lake Road	Missing	Missing	NA	NA	NA	NA	NA	0.15	207	66	0.51
Natrona	ML7699B	0	0.9	Geary Dome Road	Missing	Missing	NA	NA	NA	NA	NA	0.13	180	71	0.96

Appendix 1.10: Niobrara County Pavement Condition Summaries.

County	RID	Begin MP	End MP	Primary Name	2014		2018					2020			
					Asphalt/ Concrete Thickness (Inch)	Base Thickness (inch)	Rut	IRI	PCI	PSI	Avg. Road Width	Rut	IRI	PCI	PSI
Niobrara	ML7716B	3.32	3.49	North Lance Creek Road	0.00	4.92	0.14	324	66	0.00	29	0.19	251	66	0.08
Niobrara	ML7736B	0.09	2.03	28 Road	0.45	2.26	0.19	254	66	0.07	29	0.36	259.5	64	0.00
Niobrara	ML7738B	1.57	2.46	Business Route	1.25	3.28	0.11	196	74	0.89	20	0.11	159	71	1.21

County	RID	Begin MP	End MP	Primary Name	2014			2018				2020			
					Asphalt/ Concrete Thickness (Inch)	Base Thickness (inch)	Rut	IRI	PCI	PSI	Avg. Road Width	Rut	IRI	PCI	PSI
Platte	ML8123B	0	3.29	Bordeaux Road	0.31	8.98	0.07	241	70	0.41	22	0.18	220	69	0.44
Platte	ML8123B	3.29	4.32	Bordeaux Road	0.02	10.83	0.1	432	64	0	22	0.17	339	69	0.00
Platte	ML8123B	4.32	5.65	Bordeaux Road	0.40	10.79	0.08	333	70	0	21	0.20	304	69	0.00
Platte	ML8123B	9.39	12.34	Bordeaux Road	2.31	3.58	0.14	102	70	2	25	0.13	103	68	1.92
Platte	ML8124B	0	1.01	Pioneer Road	1.11	3.33	0.25	185	66	0.57	24	0.28	173	64	0.58
Platte	ML8124B	1.01	7.08	Pioneer Road	2.07	3.87	0.17	130	70	1.52	25	0.14	142	66	1.25
Platte	ML8124B	7.08	9.1	Pioneer Road	2.68	2.47	0.22	96	76	2.16	31	0.15	95	81	2.44
Platte	ML8142B	0.07	0.89	Richeau Road	2.45	2.39	0.21	113	70	1.72	24	0.13	110	69	1.84
Platte	ML8144B	0	1.02	Preuit Road	1.53	0.95	0.07	238	66	0.31	24	0.08	158	73	1.31
Platte	ML8144B	1.02	2.05	Preuit Road	1.09	1.10	0.04	186	73	1	26	0.10	166	73	1.20
Platte	ML8144B	2.05	2.74	Preuit Road	0.50	4.20	0.05	185	70	0.93	27	0.12	175	70	0.99
Platte	ML8146B	0	0.45	Rompoon Road	1.02	5.14	0.11	221	68	0.48	24	0.37	242	67	0.00
Platte	ML8149B	0	0.22	East Fairview Road	1.39	3.44	0.06	205	76	0.9	25	0.07	211	76	0.84
Platte	ML8149B	0.22	0.41	East Fairview Road	1.91	3.91	0.06	159	77	1.43	27	0.07	166	87	1.64
Platte	ML8149B	0.41	1.25	East Fairview Road	2.16	3.83	0.06	124	76	1.87	25	0.04	118	78	2.03
Platte	ML8149B	1.25	1.39	East Fairview Road	2.25	3.75	0.03	151	80	1.63	25	0.05	164	90	1.76
Platte	ML8149B	1.39	2.27	East Fairview Road	2.04	3.95	0.05	147	77	1.58	24	0.08	147	76	1.54
Platte	ML8149B	2.27	2.41	East Fairview Road	1.60	4.21	0.05	166	77	1.35	25	0.15	151	85	1.69
Platte	ML8149B	2.41	4.29	East Fairview Road	1.71	3.94	0.07	157	76	1.41	25	0.13	161	73	1.24
Platte	ML8150B	0	1.08	Front Road	1.08	4.59	0.08	177	73	1.08	25	0.11	184	71	0.93
Platte	ML8150B	1.08	1.59	Front Road	0.33	5.57	0.12	247	70	0.32	26	0.16	258	70	0.20
Platte	ML8150B	1.59	2.1	Front Road	1.37	3.96	0.15	659	85	0	25	0.16	221	71	0.51
Platte	ML9471B	3.04	5.79	East Bear Creek Rd	1.32	5.88	0.09	175	70	1.01	29	0.18	156	65	0.99

Appendix 1.12: Sheridan County Pavement Condition Summaries.

County	RID	Begin MP	End MP	Primary Name	2014		2018				2020				
					Asphalt/ Concrete Thickness (Inch)	Base Thickness (inch)	Rut	IRI	PCI	PSI	Avg. Road Width	Rut	IRI	PCI	PSI
Sheridan	ML8160B	0	0.91	Bird Farm Road	4.17	12.30	0.24	117	84	2.01	26	0.18	125	77	1.78
Sheridan	ML8160B	0.91	1.71	Bird Farm Road	4.36	13.70	0.16	123	85	2.07	25	0.24	128	84	1.84
Sheridan	ML8160B	1.71	1.86	Bird Farm Road	4.32	10.10	0.1	112	90	2.47	26	0.14	111	95	2.59
Sheridan	ML8160B	1.86	3.29	Bird Farm Road	4.29	11.40	0.12	95	81	2.47	26	0.09	102	79	2.31
Sheridan	ML8161B	0	1.94	Kruse Creek Road	Missing	Missing	0.13	147	76	1.5	26	0.15	148	73	1.37
Sheridan	ML8169B	0.41	0.7	West Brundage Lane	7.61	9.10	0.31	140	82	1.46	37	0.08	154	82	1.62
Sheridan	ML8172B	0	1.52	Swain Road	3.50	10.00	0.13	88	75	2.4	24	0.07	84	74	2.50
Sheridan	ML8174B	0	1.52	Metz Road	3.40	9.10	0.15	112	78	2.06	23	0.07	103	71	2.07
Sheridan	ML8177B	0	0.44	Woodland Park Road	5.46	3.20	0.27	285	76	0.02	27	0.14	247	73	0.39
Sheridan	ML8177B	0.44	0.71	Woodland Park Road	4.40	3.20	0.24	153	89	1.64	26	0.17	164	78	1.30
Sheridan	ML8178B	0	0.13	Wolf Creek Road	2.66	5.50	0.15	595	86	0	30	0.14	334	78	0.03
Sheridan	ML8183B	0	1.03	Paradise Park Road	3.90	6.50	0.2	106	73	1.93	25	0.06	105	78	2.24
Sheridan	ML8183B	1.03	1.52	Paradise Park Road	6.34	4.70	0.22	82	82	2.61	25	0.04	85	82	2.72
Sheridan	ML8186B	0	0.22	West View Road	2.86	9.80	0.09	259	70	0.27	26	0.08	227	70	0.51
Sheridan	ML8190B	0	0.07	Coal Bank Road	6.28	11.30	0.08	1218	68	0	26	0.25	339	71	0.00
Sheridan	ML8191B	1.073	1.744	Downer's Addition	4.61	7.00	0.07	113	80	2.16	35	0.11	126	76	1.82
Sheridan	ML8194B	0	0.28	W 17th St	4.87	5.40	0.12	121	85	2.15	26	0.10	114	87	2.34
Sheridan	ML8194B	0.28	0.68	W 17th St	4.89	5.10	0.12	208	89	1.22	23	0.13	133	79	1.78
Sheridan	ML8194B	0.68	1.1	W 17th St	5.12	5.30	0.04	143	73	1.52	27	0.09	143	81	1.74
Sheridan	ML8196B	0	0.84	Kittering Road	6.03	Missing	0.17	291	82	0.33	26	0.18	277	82	0.41
Sheridan	ML8202B	0	0.24	Beaver Creek Road	5.32	8.60	0.09	165	84	1.55	26	0.05	153	76	1.48
Sheridan	ML8202B	9.89	10.15	Beaver Creek Road	2.44	8.80	0.08	275	76	0.34	31	0.14	245	66	0.20
Sheridan	ML8206B	0	0.2	Tongue Canyon Road	Missing	Missing	0.06	242	77	0.61	29	0.08	277	73	0.24
Sheridan	ML8206B	0.2	0.33	Tongue Canyon Road	Missing	Missing	0.07	174	81	1.36	29	0.07	183	86	1.42
Sheridan	ML8214B	0	0.89	Brinton Road	4.01	4.90	0.08	269	72	0.26	23	0.14	244	76	0.50
Sheridan	ML8214B	0.89	2.7	Brinton Road	4.10	5.30	0.1	199	72	0.81	21	0.13	198	71	0.76
Sheridan	ML8214B	2.7	3.05	Brinton Road	2.73	5.20	0.18	149	84	1.64	26	0.13	151	73	1.36
Sheridan	ML8226B	0	0.57	Golf Course Road	3.06	6.00	0.24	231	69	0.24	23	0.04	124	82	2.07
Sheridan	ML8228B	0	0.5	Dry Ranch Road	Missing	Missing	0.2	149	90	1.8	20	0.11	107	79	2.20
Sheridan	ML8229B	0	0.12	120A	4.50	4.40	0.12	624	68	0	20	0.28	696	68	0.00
Sheridan	ML8242B	0	0.26	Railway Avenue	4.73	4.70	0.16	236	64	0.19	25	0.22	234	64	0.11
Sheridan	ML8263B	0	0.8	Acme Road	4.42	6.70	0.18	231	66	0.26	26	0.18	196	64	0.51
Sheridan	ML8263B	0.8	0.95	Acme Road	2.26	7.20	0.09	206	73	0.79	27	0.17	228	69	0.39
Sheridan	ML8263B	0.95	1.27	Acme Road	5.25	7.30	0.09	353	70	0	33	0.21	327	66	0.00
Sheridan	ML8268B	0	0.58	Absaraka Rd Extension	2.21	10.00	0.31	325	68	0	22	0.15	316	69	0.00
Sheridan	ML9397B	0.38	0.69	West Brundage Lane	7.78	7.40	0.26	333	72	0	30	0.13	285	70	0.06
Sheridan	ML8173B	0	0.33	Knode Road	Missing	Missing	0.1	184	76	1.08	23	0.05	141	78	1.70
Sheridan	ML8223B	0	0.29	Upper Road	Missing	Missing	0.05	202	78	0.99	26	0.06	163	80	1.46

Appendix 1.13: Weston County Pavement Condition Summaries.

County	RID	Begin MP	End MP	Primary Name	2014			2018				2020			
					Asphalt/ Concrete Thickness (Inch)	Base Thickness (inch)	Rut	IRI	PCI	PSI	Avg. Road Width	Rut	IRI	PCI	PSI
Weston	ML8905B	0	0.45	Old US 85 Cutacross	0.00	5.19	0.09	298	65	0.00	25	0.23	271	64	0.00
Weston	ML8906B	0.97	1.94	1A	0.24	4.96	0.11	246	66	0.22	25	0.14	261	66	0.08
Weston	ML8906B	1.94	3.59	1A	0.50	5.13	0.09	293	66	0.00	28	0.23	280	64	0.00
Weston	ML8906B	3.59	3.65	1A	0.00	4.23	0.09	519	66	0.00	30	0.21	463	64	0.00
Weston	ML8910B	0	0.47	Morrissey Road	0.00	5.56	0.08	402	64	0.00	27	0.24	410	64	0.00
Weston	ML8913B	0	0.1	Beaver Creek Road	Missing	4.10	0.03	275	90	0.78	45	0.08	172	88	1.60
Weston	ML8970B	0	0.58	Greenhouse Road	1.32	4.44	0.08	173	70	1.04	25	0.17	185	65	0.67
Weston	ML8973B	2.75	3.05	Painted Hills Road	0.00	5.09	0.07	484	65	0.00	31	0.30	433	64	0.00

APPENDIX 2: COUNTY PAVED ROADS SUMMARIES

Appendix 2.1: Summary of County Paved Roads in Albany County.

	Statewide	Eastern Part	Albany County
Total Length, miles	2,335	1,124	42.35
Total Number of Segments	1,990	755	33
Minimum Segment Length, mile	0.001	0.019	0.04
Maximum Segment Length, mile	25.82	14.11	6.99

Appendix 2.2: Summary of County Paved Roads in Campbell County.

	Statewide	Eastern Part	Campbell County
Total Length, miles	2,335	1,124	170.7
Total Number of Segments	1,990	755	72
Minimum Segment Length, mile	0.001	0.019	0.11
Maximum Segment Length, mile	25.82	14.11	14.11

Appendix 2.3: Summary of County Paved Roads in Carbon County.

	Statewide	Eastern Part	Carbon County
Total Length, miles	2,335	1,124	51
Total Number of Segments	1,990	755	17
Minimum Segment Length, mile	0.001	0.019	0.19
Maximum Segment Length, mile	25.82	14.11	12.73

Appendix 2.4: Summary of County Paved Roads in Converse County.

	Statewide	Eastern Part	Converse County
Total Length, miles	2,335	1,124	80.682
Total Number of Segments	1,990	755	47
Minimum Segment Length, mile	0.001	0.019	0.05
Maximum Segment Length, mile	25.82	14.11	10.1

Appendix 2.5: Summary of County Paved Roads in Crook County.

	Statewide	Eastern Part	Crook County
Total Length, miles	2,335	1,124	27.46
Total Number of Segments	1,990	755	20
Minimum Segment Length, mile	0.001	0.019	0.11
Maximum Segment Length, mile	25.82	14.11	4.86

Appendix 2.6: Summary of County Paved Roads in Goshen County.

	Statewide	Eastern Part	Goshen County
Total Length, miles	2,335	1,124	112.38
Total Number of Segments	1,990	755	101
Minimum Segment Length, mile	0.001	0.019	0.05
Maximum Segment Length, mile	25.82	14.11	5.7

Appendix 2.7: Summary of County Paved Roads in Johnson County.

	Statewide	Eastern Part	Johnson County
Total Length, miles	2,335	1,124	71.39
Total Number of Segments	1,990	755	43
Minimum Segment Length, mile	0.001	0.019	0.07
Maximum Segment Length, mile	25.82	14.11	8.03

Appendix 2.8: Summary of County Paved Roads in Laramie County.

	Statewide	Eastern Part	Laramie County
Total Length, miles	2,335	1,124	245
Total Number of Segments	1,990	755	171
Minimum Segment Length, mile	0.001	0.019	0.02
Maximum Segment Length, mile	25.82	14.11	13.34

Appendix 2.9: Summary of County Paved Roads in Natrona County.

	Statewide	Eastern Part	Natrona County
Total Length, miles	2,335	1,124	135.88
Total Number of Segments	1,990	755	107
Minimum Segment Length, mile	0.001	0.019	0.05
Maximum Segment Length, mile	25.82	14.11	7.44

Appendix 2.10: Summary of County Paved Roads in Niobrara County.

	Statewide	Eastern Part	Niobrara County
Total Length, miles	2,335	1,124	3
Total Number of Segments	1,990	755	3
Minimum Segment Length, mile	0.001	0.019	0.17
Maximum Segment Length, mile	25.82	14.11	1.94

Appendix 2.11: Summary of County Paved Roads in Platte County.

	Statewide	Eastern Part	Platte County
Total Length, miles	2,335	1,124	158
Total Number of Segments	1,990	755	94
Minimum Segment Length, mile	0.001	0.019	0.01
Maximum Segment Length, mile	25.82	14.11	11.33

Appendix 2.12: Summary of County Paved Roads in Sheridan County.

	Statewide	Eastern Part	Sheridan County
Total Length, miles	2,335	1,124	21.49
Total Number of Segments	1,990	755	38
Minimum Segment Length, mile	0.001	0.019	0.07
Maximum Segment Length, mile	25.82	14.11	1.94

Appendix 2.13: Summary of County Paved Roads in Weston County.

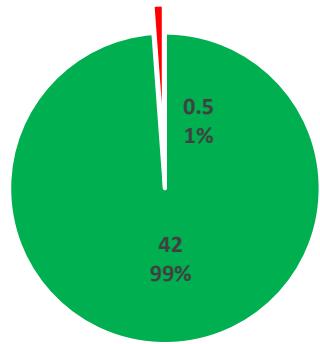
	Statewide	Eastern Part	Weston County
Total Length, miles	2,335	1,124	4.58
Total Number of Segments	1,990	755	8
Minimum Segment Length, mile	0.001	0.019	0.1
Maximum Segment Length, mile	25.82	14.11	1.65

APPENDIX 3: RUT DEPTH SUMMARIES

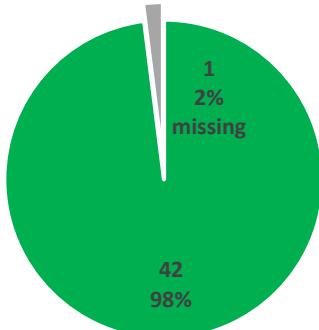
Appendix 3.1: Albany County

Appendix 3.1.1: Rut Depth in Albany County vs. Statewide and Eastern Side in 2018 and 2020.

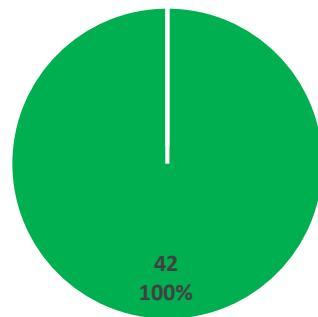
	Summary in Miles (Percentage)				
	Albany County, 2018	Albany County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
More than 0.3 inches	0 (0%)	0 (0%)	2 (<1%)	24 (2%)	227 (9%)
0.3 inches or less	42 (98%)	42 (100%)	1,137(97%)	1,100 (98%)	2,122 (87%)
Missing	1 (2%)	0 (0%)	20 (2%)	0 (0%)	95 (4%)
Total	43 (100%)	42 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



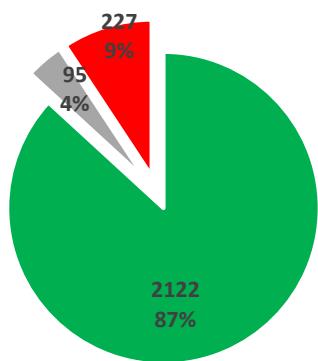
Albany County,
2014



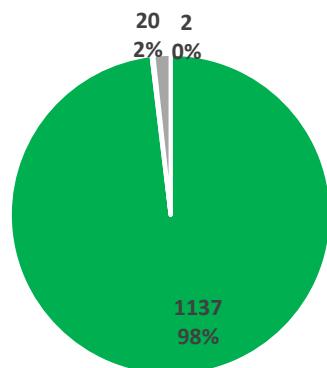
Albany County,
2018



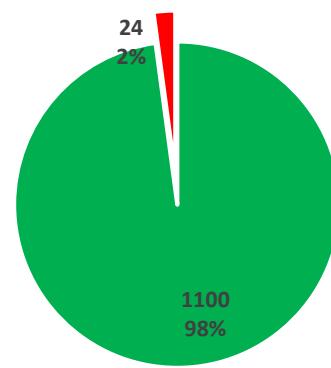
Albany County,
2020



Statewide, 2014



Eastern side of the
State 2018



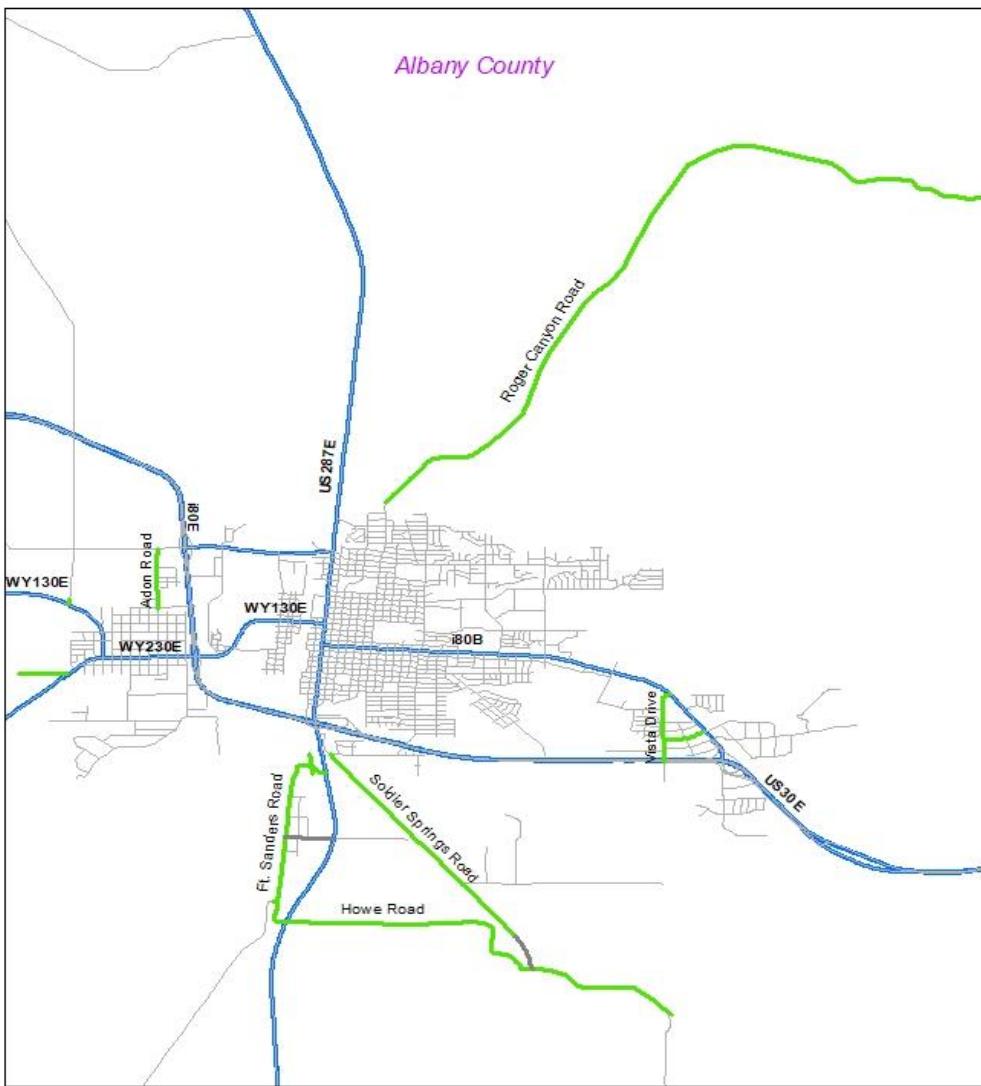
Eastern side of
the State 2020

■ 0.3 inches or less

■ More than 0.3 inches

□ Missing

Appendix 3.1.2: Rut Depth in Albany County vs. Eastern Side in 2018 and 2020.



Rut Depth

- | | | |
|------------------------|-------------|------------------|
| — 0.3 inches or less | — Missing | — State Highways |
| — More than 0.3 inches | — All Roads | |

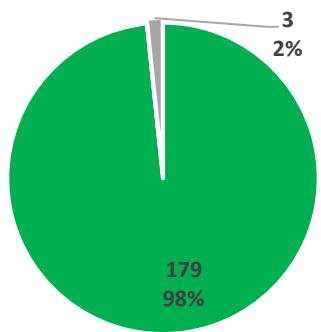


Appendix 3.1.3: Rut Depth Conditions in Albany County.

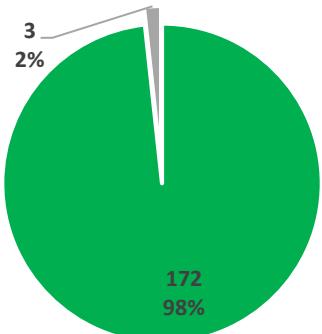
Appendix 3.2: Campbell County

Appendix 3.2.1: Rut Depth in Campbell County vs. Statewide and Eastern Side in 2018 and 2020.

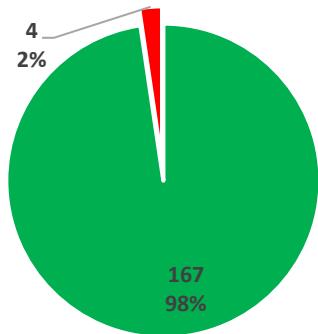
	Summary in Miles (Percentage)				
	Campbell County, 2018	Campbell County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
More than 0.3 inches	0 (0%)	4 (2%)	2 (<1%)	24 (2%)	227 (9%)
0.3 inches or less	172 (98%)	167 (98%)	1,137(97%)	1,100 (98%)	2,122 (87%)
Missing	3 (2%)	0 (0%)	20 (2%)	0 (0%)	95 (4%)
Total	175 (100%)	171 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



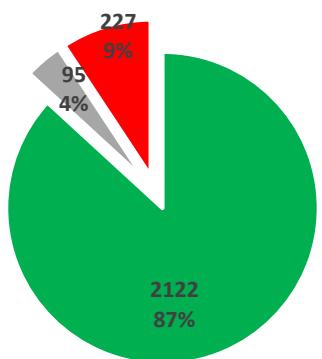
Campbell County,
2014



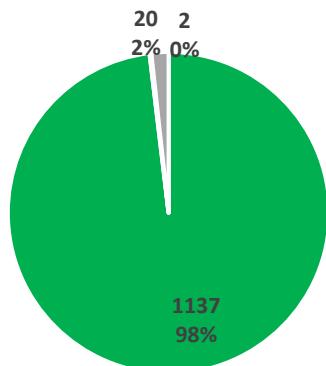
Campbell County,
2018



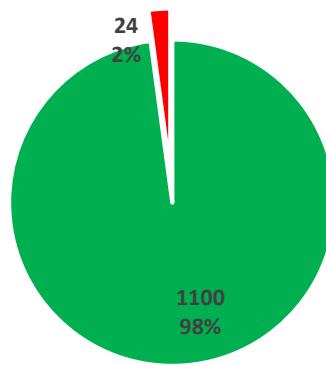
Campbell County,
2020



Statewide, 2014



Eastern side of the
State 2018



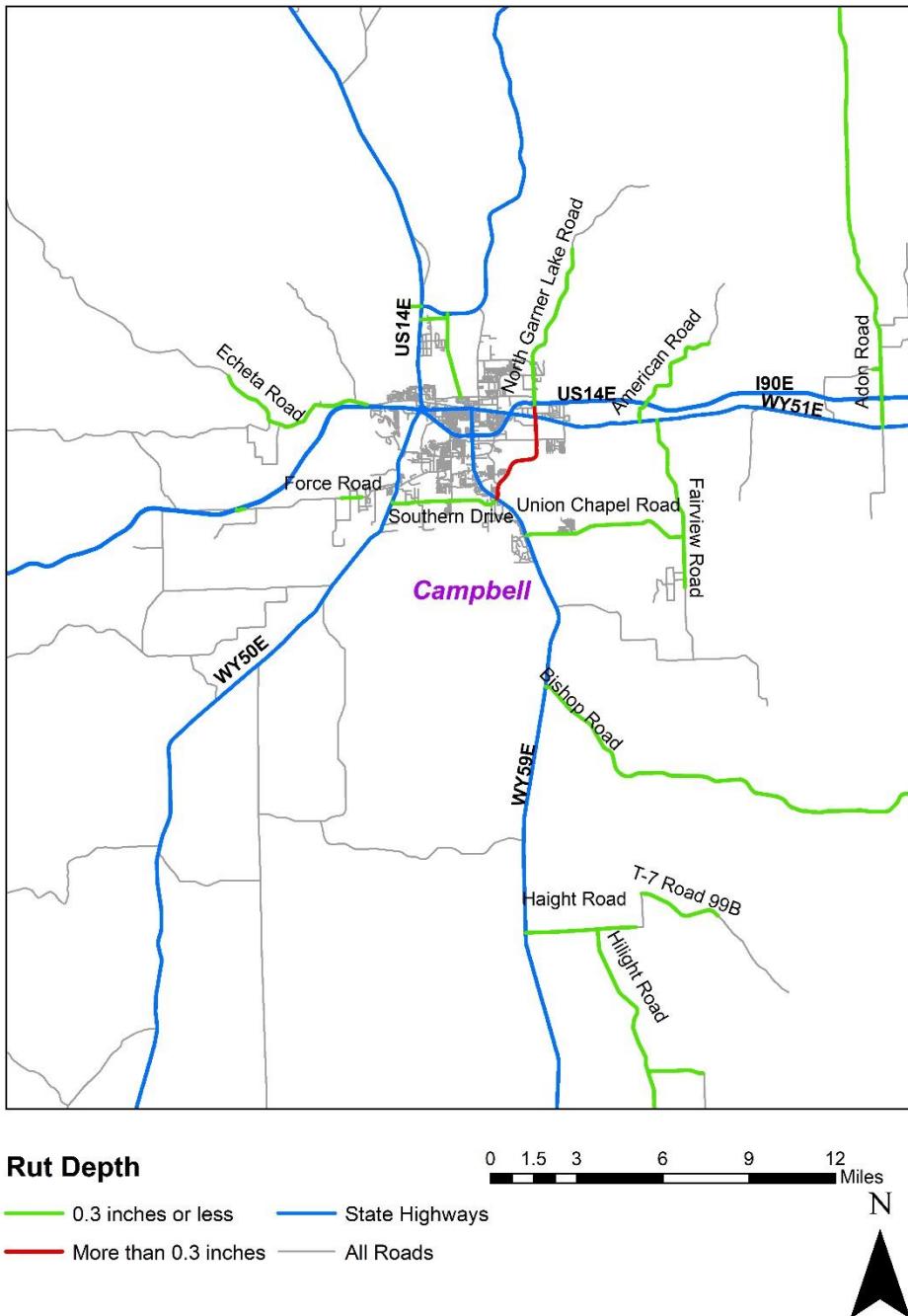
Eastern side of
the State 2020

0.3 inches or less

More than 0.3 inches

Missing

Appendix 3.2.2: Rut Depth in Campbell County vs. Eastern Side in 2018 and 2020.

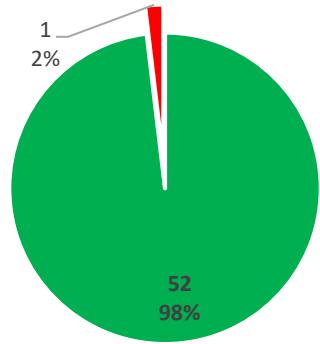


Appendix 3.2.3: Rut Depth Conditions in Campbell County.

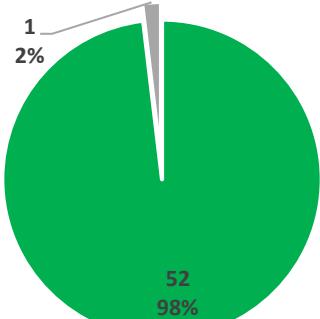
Appendix 3.3: Carbon County

Appendix 3.3.1: Rut Depth in Carbon County vs. Statewide and Eastern Side in 2018 and 2020.

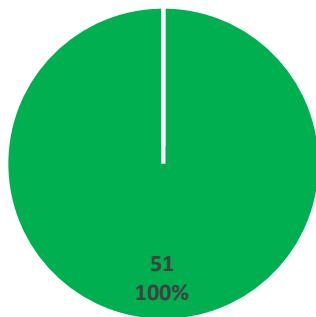
	Summary in Miles (Percentage)				
	Carbon County, 2018	Carbon County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
More than 0.3 inches	0 (0%)	0 (0%)	2 (<1%)	24 (2%)	227 (9%)
0.3 inches or less	52 (98%)	51 (100%)	1,137(97%)	1,100 (98%)	2,122 (87%)
Missing	1 (2%)	0 (0%)	20 (2%)	0 (0%)	95 (4%)
Total	53 (100%)	51 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



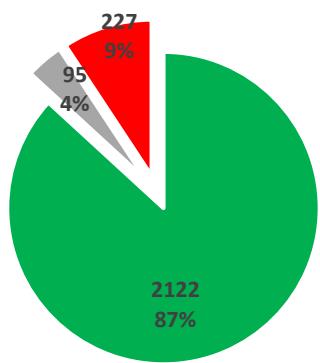
**Carbon County,
2014**



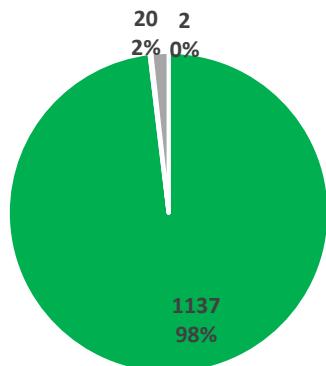
**Carbon County,
2018**



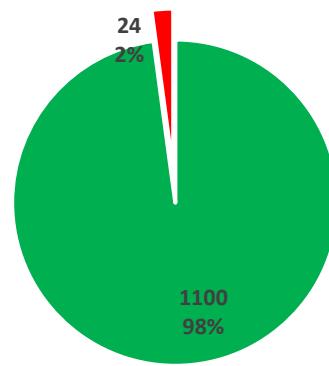
**Carbon County,
2020**



Statewide, 2014



**Eastern side of the
State 2018**



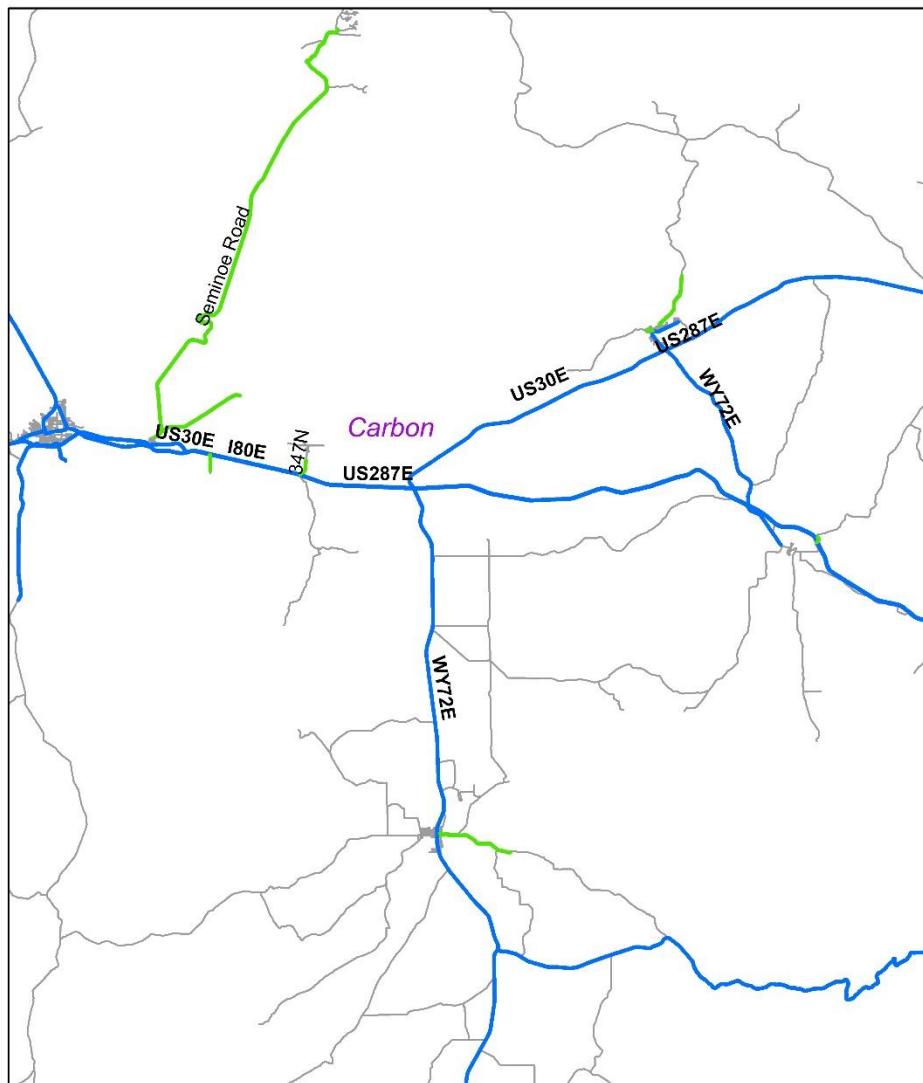
**Eastern side of
the State 2020**

■ 0.3 inches or less

■ More than 0.3 inches

□ Missing

Appendix 3.3.2: Rut Depth in Carbon County vs. Statewide and Eastern Side in 2018 and 2020.



Rut Depth

0 2.5 5 10 15 20 Miles

- Less than 0.3 inches
- All Roads
- More than 0.3 inches
- State Highways

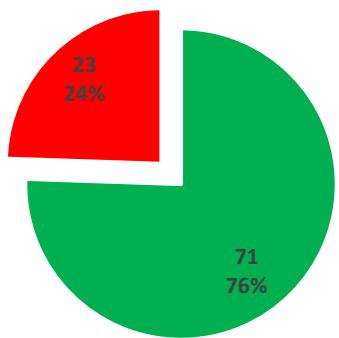
N

Appendix 3.3.3: Rut Depth Conditions in Carbon County.

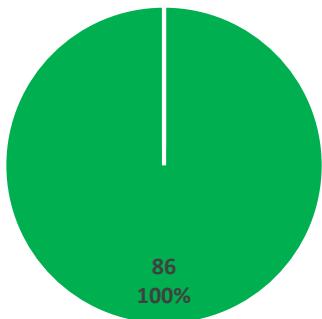
Appendix 3.4: Converse County

Appendix 3.4.1: Rut Depth in Converse County vs. Statewide and Eastern Side in 2018 and 2020.

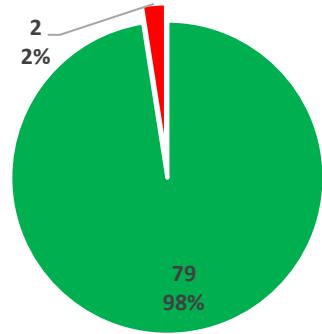
	Summary in Miles (Percentage)				
	Converse County, 2018	Converse County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
More than 0.3 inches	0 (0%)	2 (3%)	2 (<1%)	24 (2%)	227 (9%)
0.3 inches or less	86(100%)	79 (97%)	1,137(97%)	1,100 (98%)	2,122 (87%)
Missing	(0%)	0 (0%)	20 (2%)	0 (0%)	95 (4%)
Total	86 (100%)	81 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



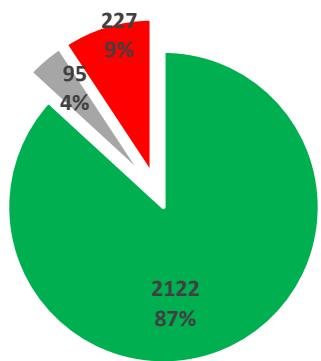
Converse County,
2014



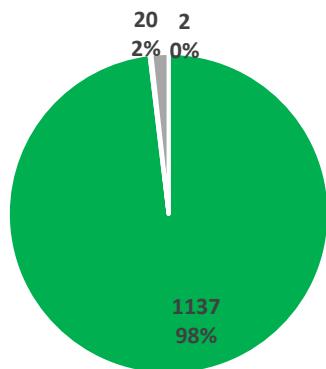
Converse County,
2018



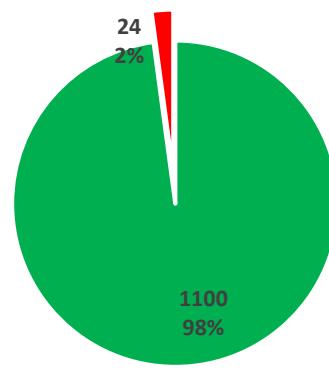
Converse County,
2020



Statewide, 2014



Eastern side of the
State 2018



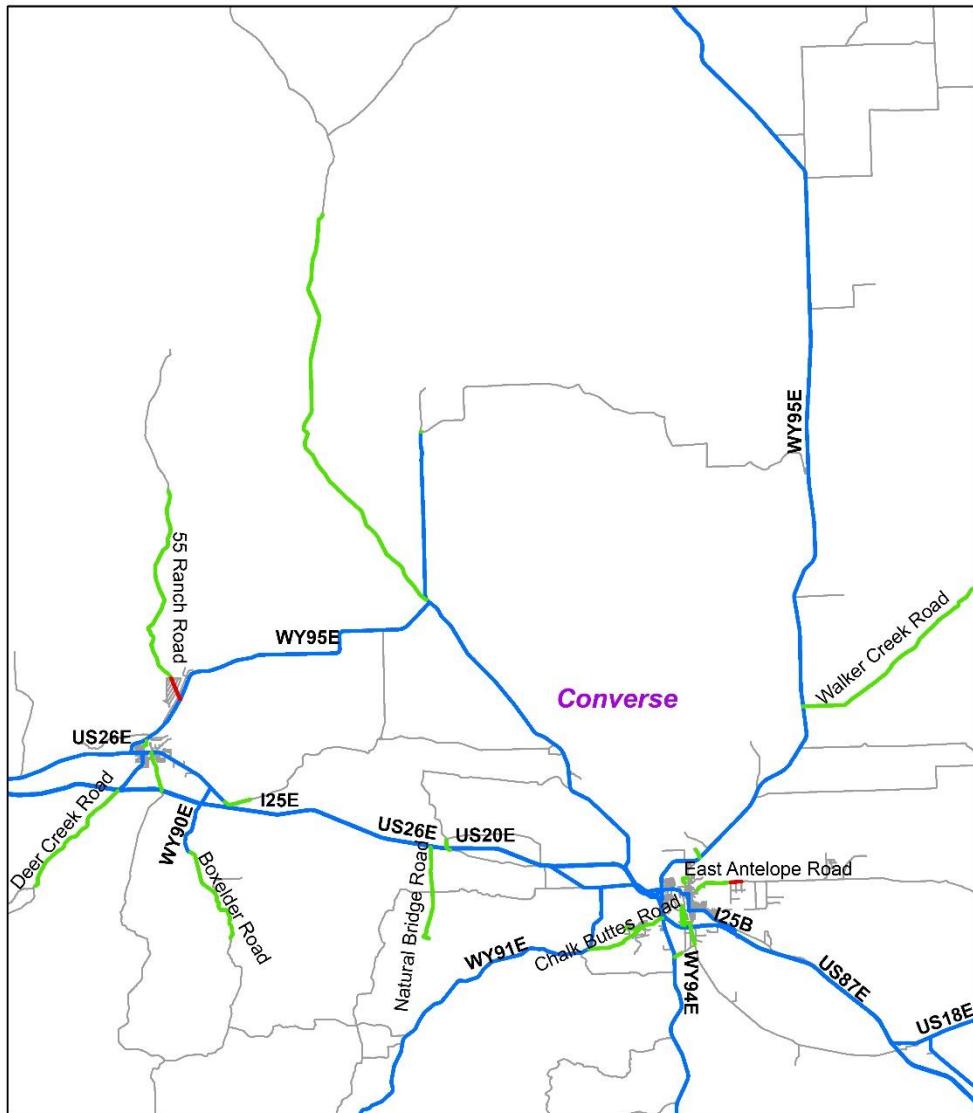
Eastern side of
the State 2020

0.3 inches or less

More than 0.3 inches

Missing

Appendix 3.4.2: Rut Depth in Converse County vs. Statewide and Eastern Side in 2018 and 2020.



Rut Depth

0 2 4 8 12 16 Miles

N

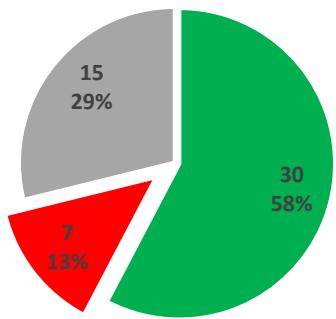
- 0.3 inches or less — State Highways
- More than 0.3 inches — All Roads

Appendix 3.4.3: Rut Depth Conditions in Converse County.

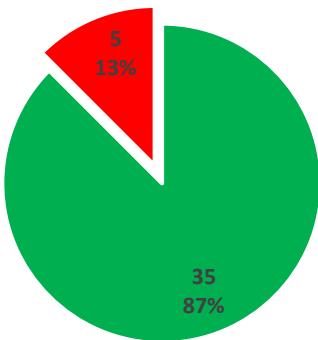
Appendix 3.5: Crook County

Appendix 3.5.1: Rut Depth in Crook County vs. Statewide and Eastern Side in 2018 and 2020.

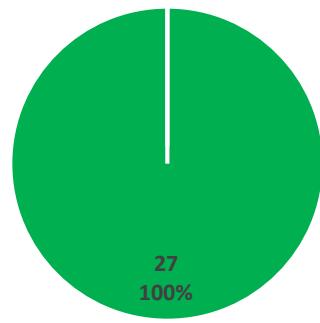
	Summary in Miles (Percentage)				
	Crook County, 2018	Crook County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
More than 0.3 inches	0 (0%)	0 (0%)	2 (<1%)	24 (2%)	227 (9%)
0.3 inches or less	31 (100%)	27 (100%)	1,137(97%)	1,100 (98%)	2,122 (87%)
Missing	0 (0%)	0 (0%)	20 (2%)	0 (0%)	95 (4%)
Total	31 (100%)	27 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



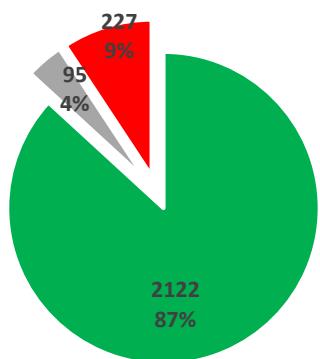
Crook County, 2014



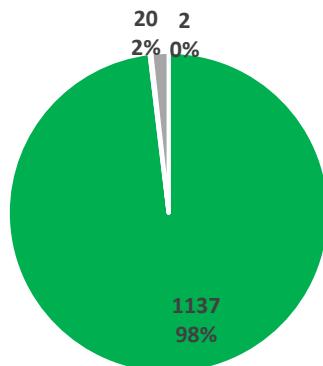
Crook County, 2018



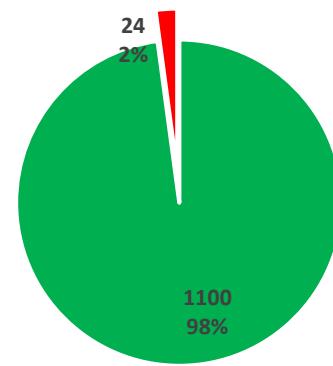
Crook County, 2020



Statewide, 2014



Eastern side of the State 2018



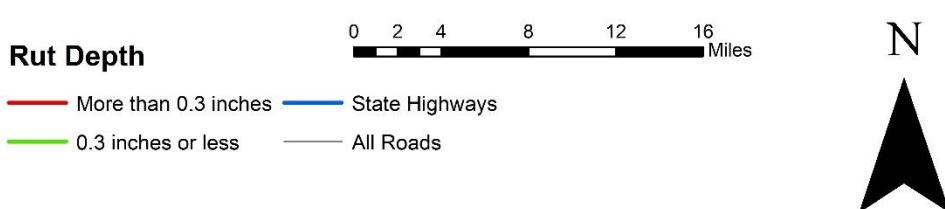
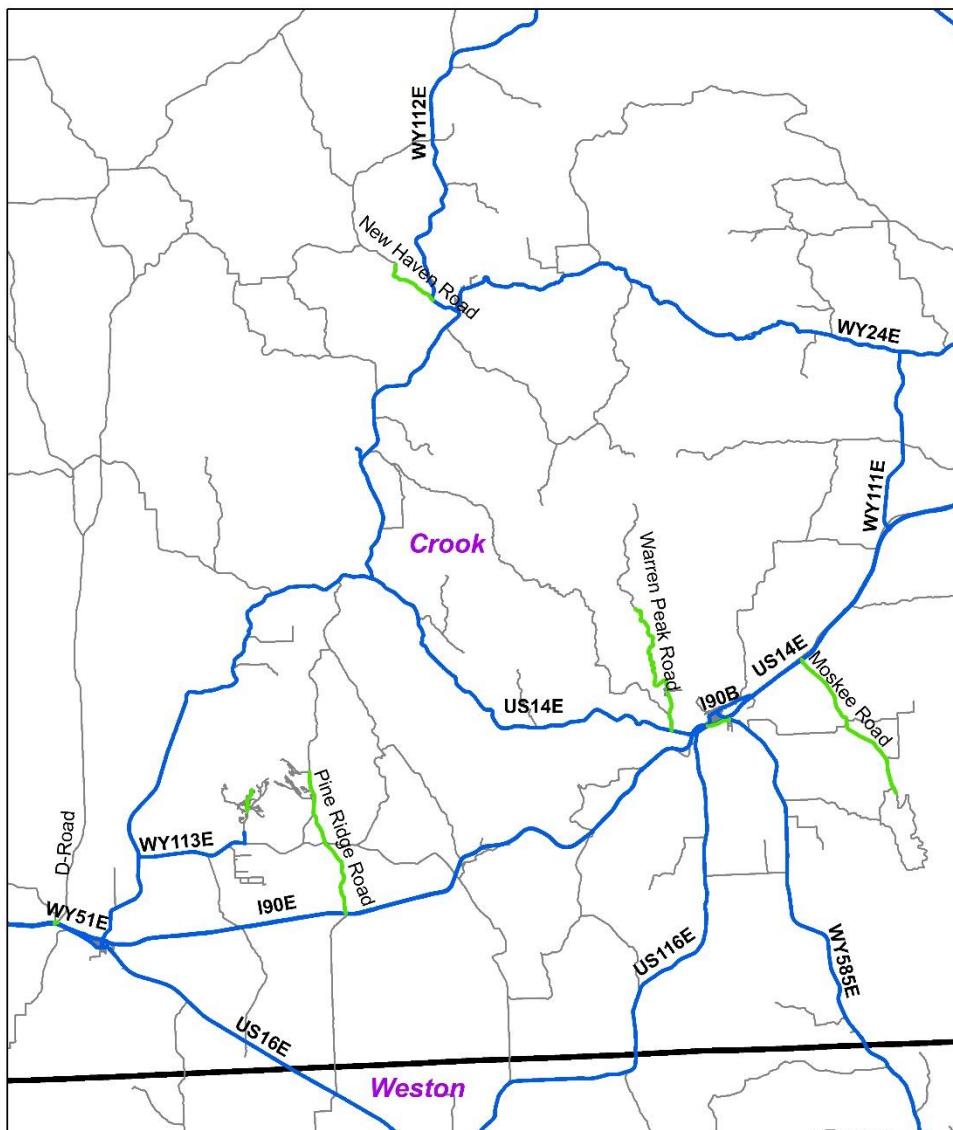
Eastern side of the State 2020

█ 0.3 inches or less

█ More than 0.3 inches

█ Missing

Appendix 3.5.2: Rut Depth in Crook County vs. Statewide and Eastern Side in 2018 and 2020.

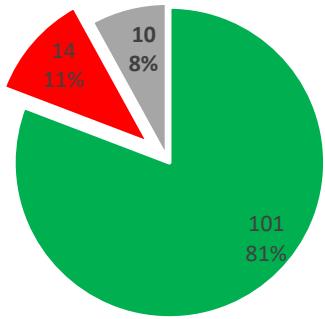


Appendix 3.5.3: Rut Depth Conditions in Crook County.

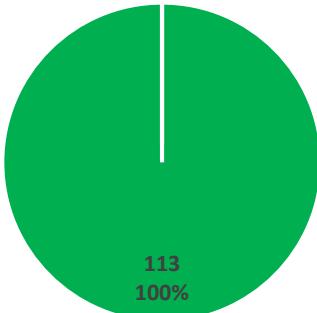
Appendix 3.6: Goshen County

Appendix 3.6.1: Rut Depth in Goshen County vs. Statewide and Eastern Side in 2018 and 2020.

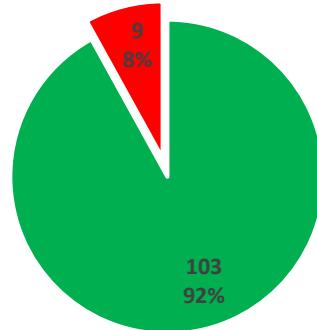
	Summary in Miles (Percentage)				
	Goshen County, 2018	Goshen County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
More than 0.3 inches	0 (0%)	9 (8%)	2 (<1%)	24 (2%)	227 (9%)
0.3 inches or less	113 (100%)	103 (92%)	1,137(97%)	1,100 (98%)	2,122 (87%)
Missing	0 (0%)	0 (0%)	20 (2%)	0 (0%)	95 (4%)
Total	113 (100%)	112 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



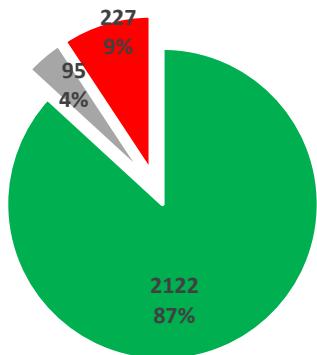
Goshen County,
2014



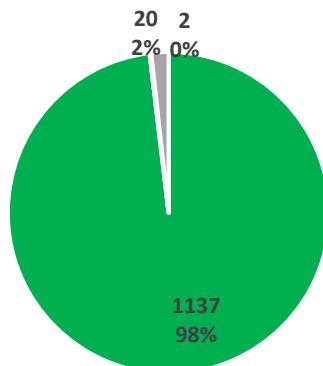
Goshen County,
2018



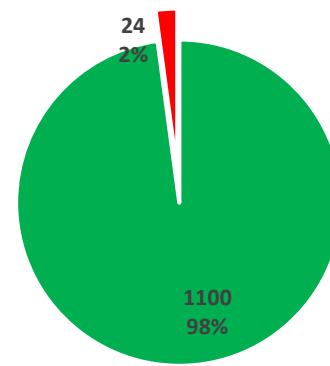
Goshen County,
2020



Statewide, 2014



Eastern side of the
State 2018



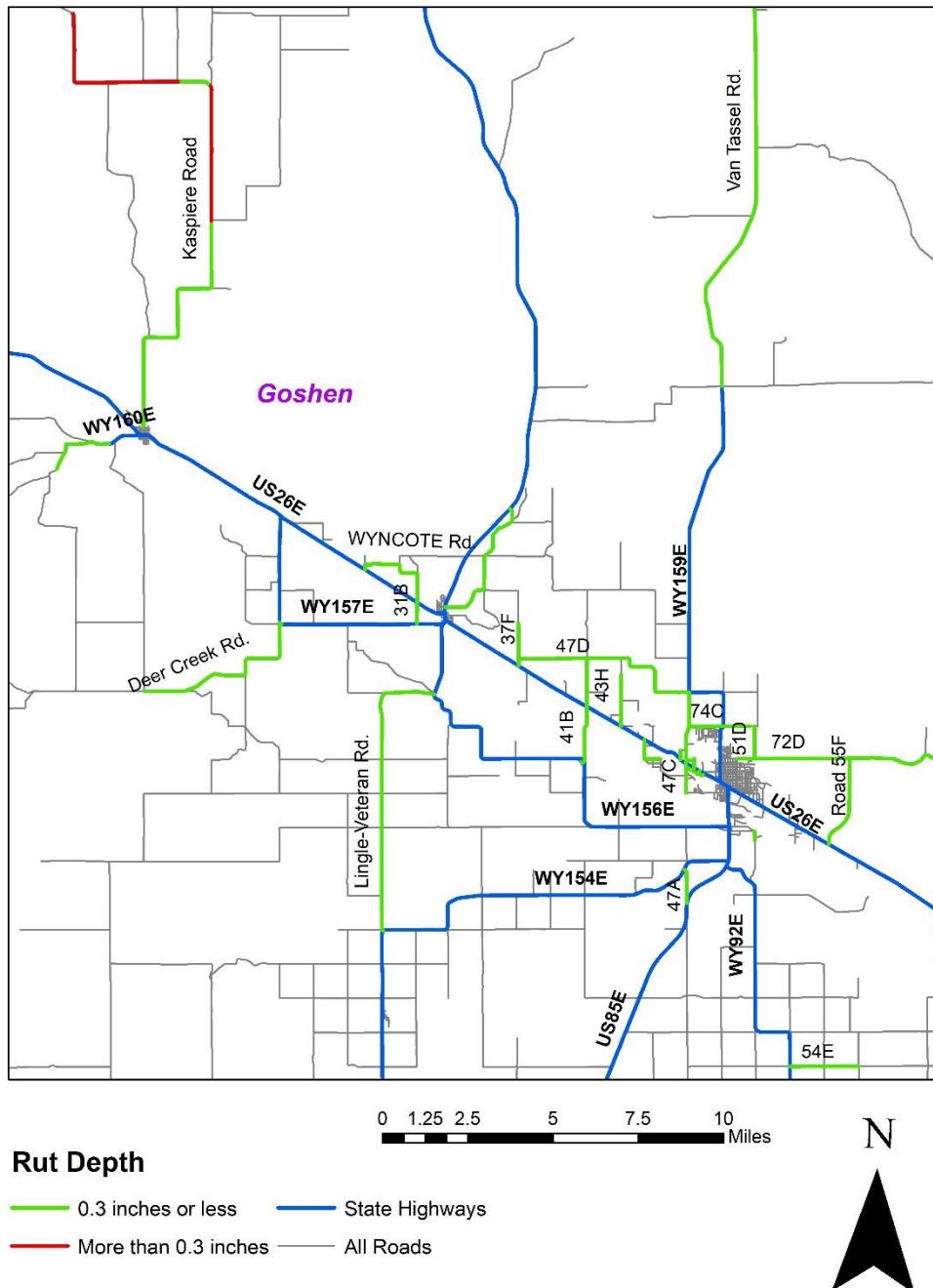
Eastern side of
the State 2020

0.3 inches or less

More than 0.3 inches

Missing

Appendix 3.6.2: Rut Depth in Goshen County vs. Statewide and Eastern Side in 2018 and 2020.

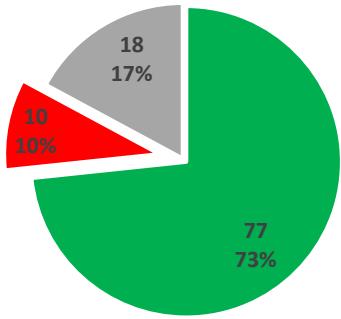


Appendix 3.6.3: Rut Depth Conditions in Goshen County.

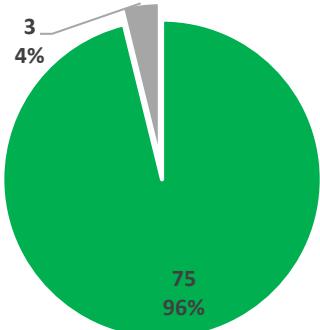
Appendix 3.7: Johnson County

Appendix 3.7.1: Rut Depth in Johnson County vs. Statewide and Eastern Side in 2018 and 2020.

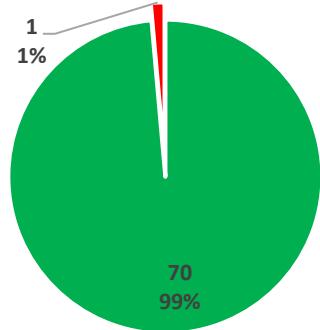
	Summary in Miles (Percentage)				
	Johnson County, 2018	Johnson County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
More than 0.3 inches	0 (0%)	1 (1%)	2 (<1%)	24 (2%)	227 (9%)
0.3 inches or less	75 (96%)	70 (99%)	1,137(97%)	1,100 (98%)	2,122 (87%)
Missing	3 (4%)	0 (0%)	20 (2%)	0 (0%)	95 (4%)
Total	78 (100%)	71 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



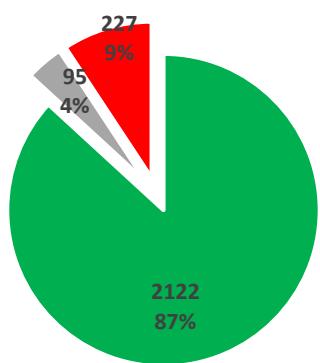
Johnson County,
2014



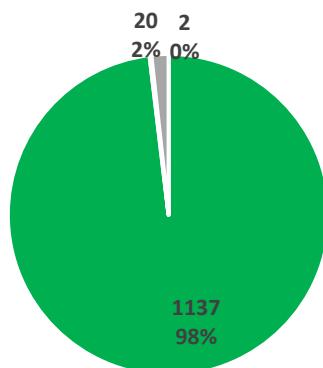
Johnson County,
2018



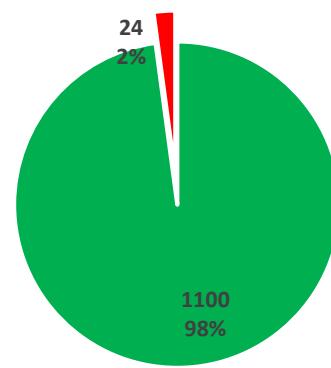
Johnson County,
2020



Statewide, 2014



Eastern side of the
State 2018



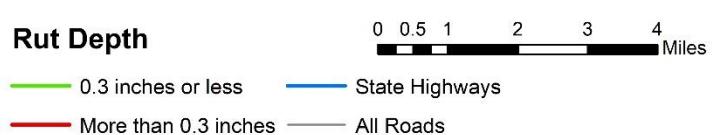
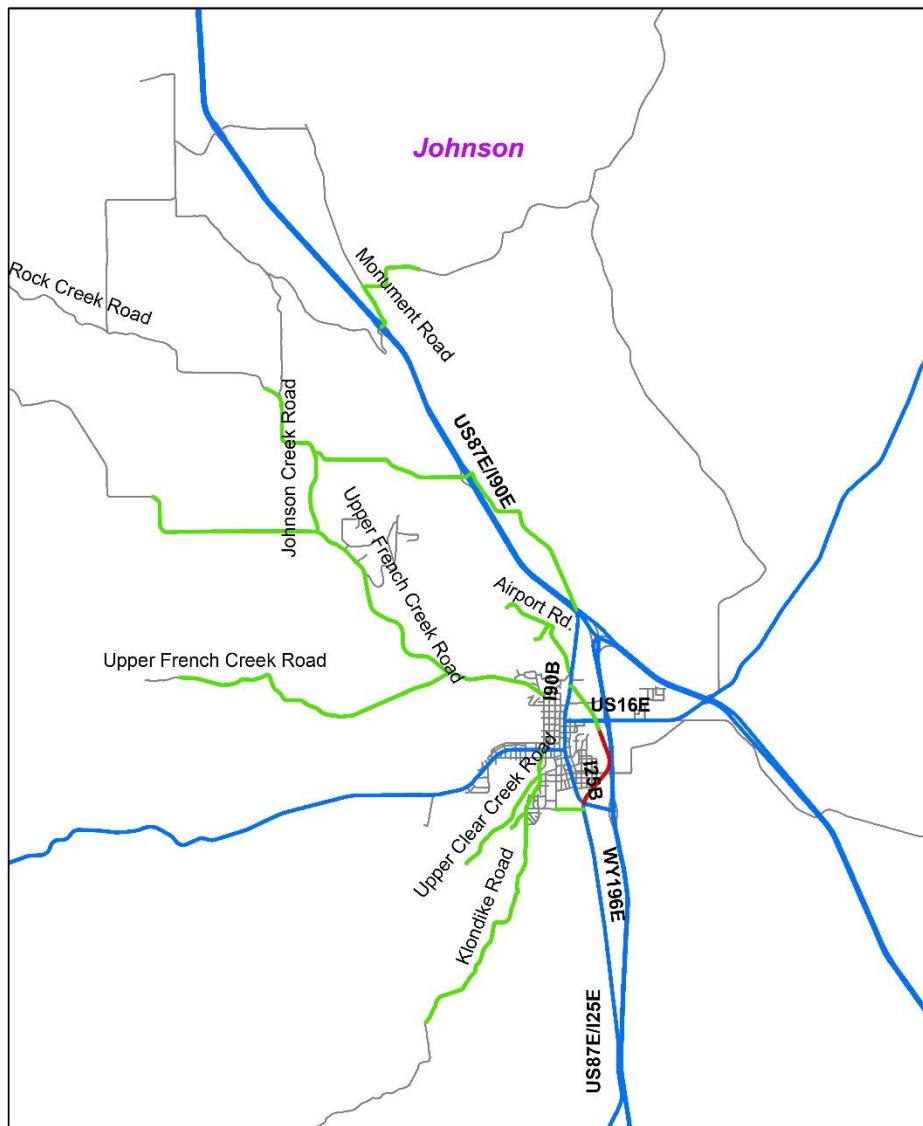
Eastern side of
the State 2020

█ 0.3 inches or less

█ More than 0.3 inches

█ Missing

Appendix 3.7.2: Rut Depth in Johnson County vs. Statewide and Eastern Side in 2018 and 2020.

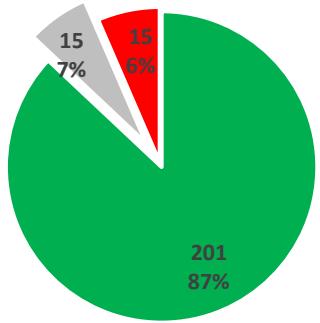


Appendix 3.7.3: Rut Depth Conditions in Johnson County.

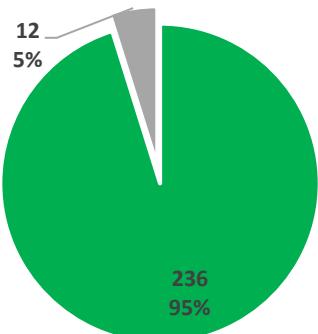
Appendix 3.8: Laramie County

Appendix 3.8.1: Rut Depth in Laramie County vs. Statewide and Eastern Side in 2018 and 2020.

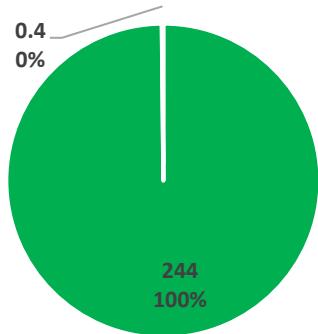
	Summary in Miles (Percentage)				
	Laramie County, 2018	Laramie County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
More than 0.3 inches	0.5 (0%)	0.4 (0%)	2 (<1%)	24 (2%)	227 (9%)
0.3 inches or less	236 (95%)	244 (100%)	1,137(97%)	1,100 (98%)	2,122 (87%)
Missing	12 (5%)	0 (0%)	20 (2%)	0 (0%)	95 (4%)
Total	249 (100%)	245 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



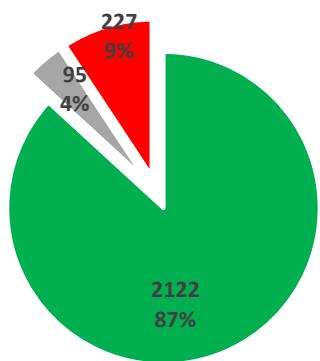
Laramie County,
2014



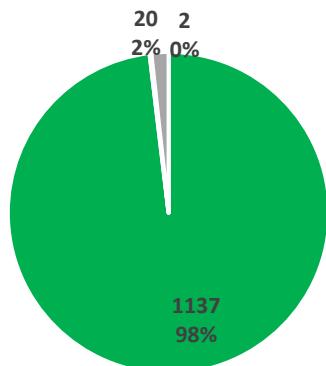
Laramie County,
2018



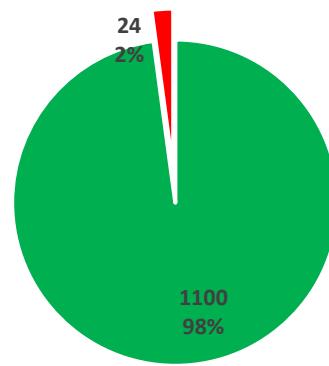
Laramie County,
2020



Statewide, 2014



Eastern side of the
State 2018



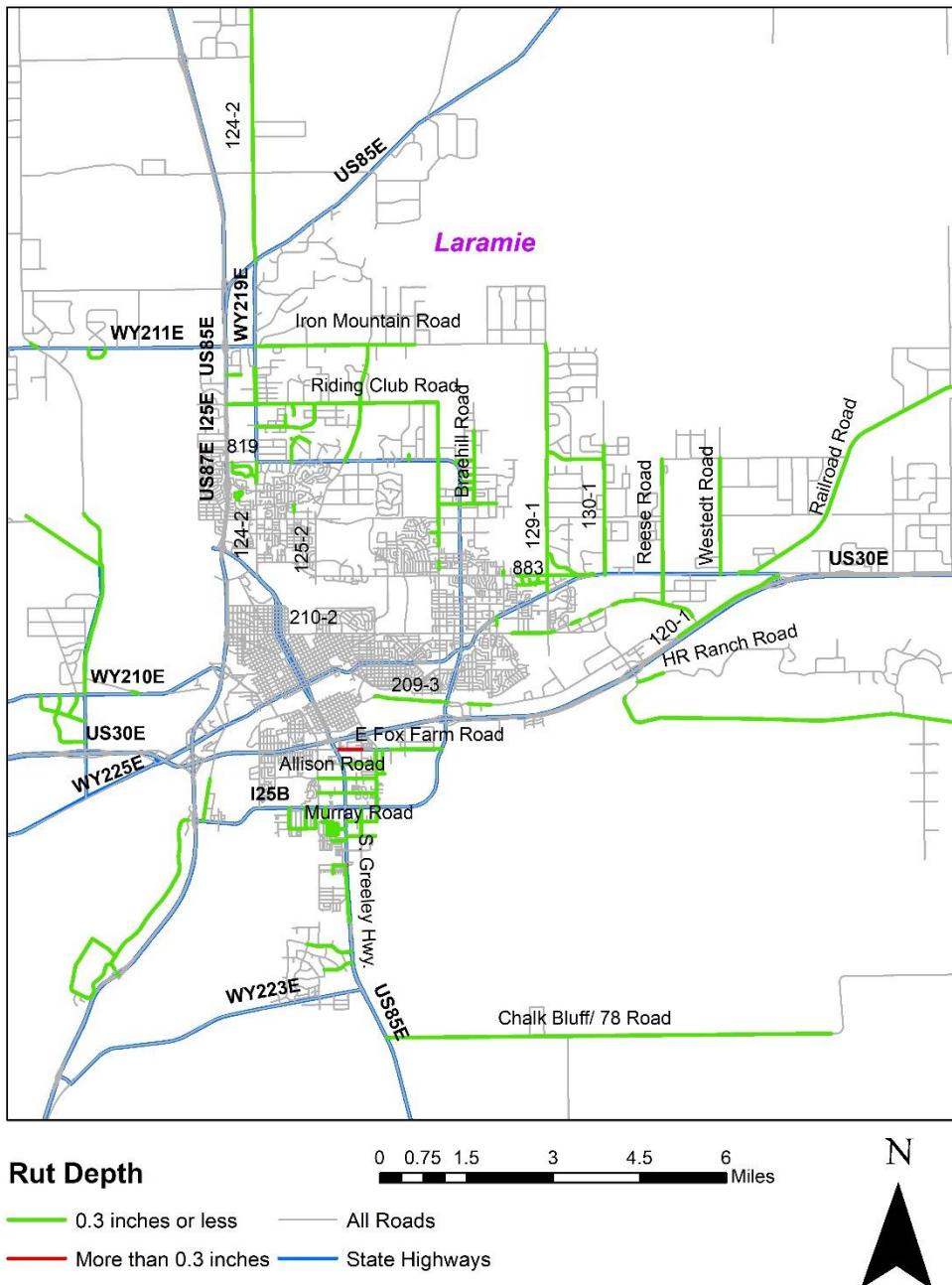
Eastern side of
the State 2020

█ 0.3 inches or less

█ More than 0.3 inches

█ Missing

Appendix 3.8.2: Rut Depth in Laramie County vs. Statewide and Eastern Side in 2018 and 2020.

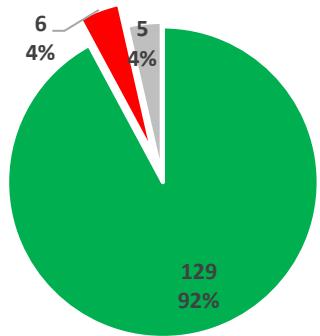


Appendix 3.8.3: Rut Depth Conditions in Laramie County.

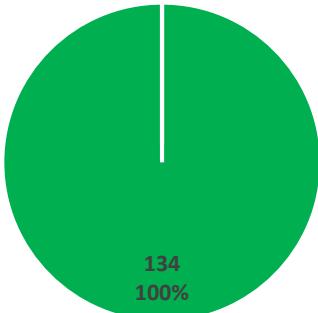
Appendix 3.9: Natrona County

Appendix 3.9.1: Rut Depth in Natrona County vs. Statewide and Eastern Side in 2018 and 2020.

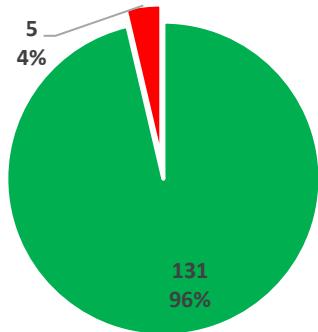
	Summary in Miles (Percentage)				
	Natrona County, 2018	Natrona County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
More than 0.3 inches	0 (0%)	5 (4%)	2 (<1%)	24 (2%)	227 (9%)
0.3 inches or less	134 (100%)	131 (96%)	1,137(97%)	1,100 (98%)	2,122 (87%)
Missing	0 (0%)	0 (0%)	20 (2%)	0 (0%)	95 (4%)
Total	134 (100%)	136 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



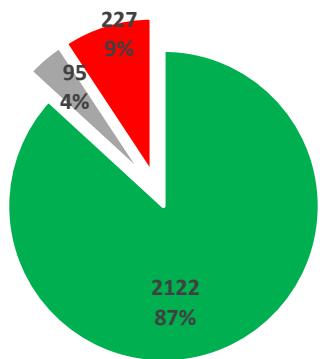
Natrona County,
2014



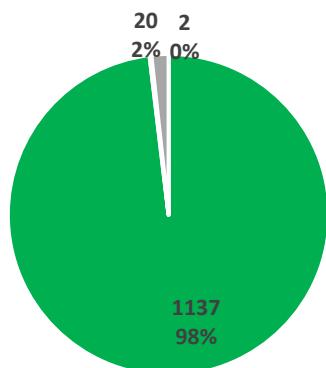
Natrona County,
2018



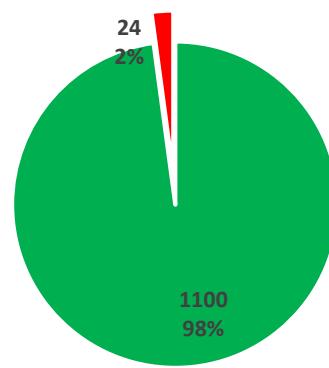
Natrona County,
2020



Statewide, 2014



Eastern side of the
State 2018



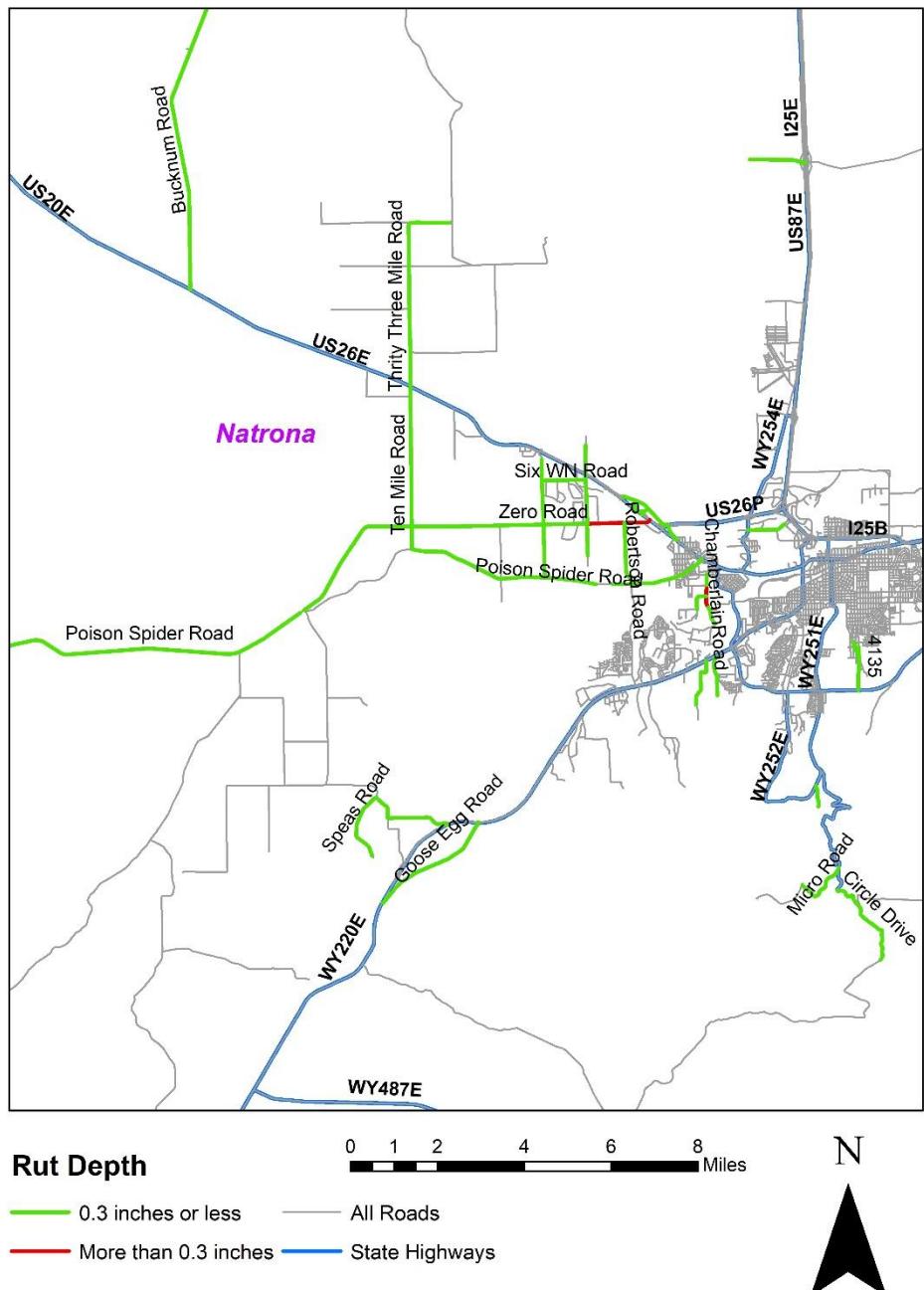
Eastern side of
the State 2020

█ 0.3 inches or less

█ More than 0.3 inches

█ Missing

Appendix 3.9.2: Rut Depth in Natrona County vs. Statewide and Eastern Side in 2018 and 2020.

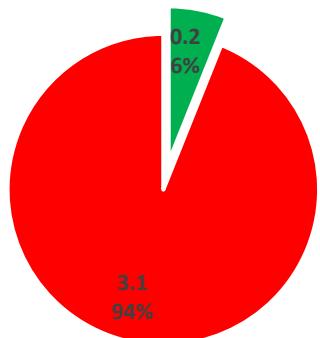


Appendix 3.9.3: Rut Depth Conditions in Natrona County.

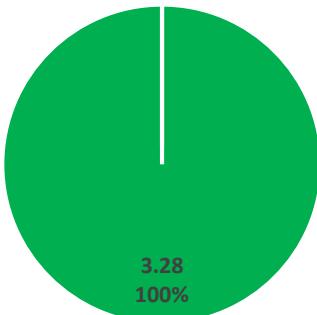
Appendix 3.10: Niobrara County

Appendix 3.10.1: Rut Depth in Niobrara County vs. Statewide and Eastern Side in 2018 and 2020.

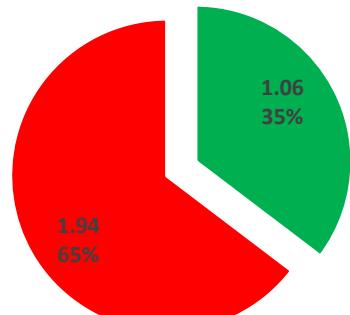
	Summary in Miles (Percentage)				
	Niobrara County, 2018	Niobrara County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
More than 0.3 inches	0 (0%)	1.06 (65%)	2 (<1%)	24 (2%)	227 (9%)
0.3 inches or less	3 (100%)	1.94 (35%)	1,137(97%)	1,100 (98%)	2,122 (87%)
Missing	0 (0%)	0 (0%)	20 (2%)	0 (0%)	95 (4%)
Total	3 (100%)	3 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



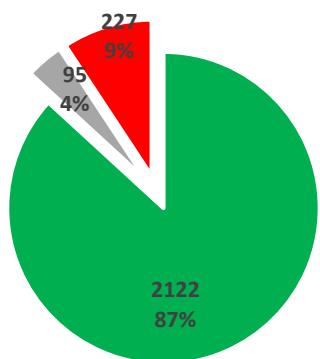
Niobrara County,
2014



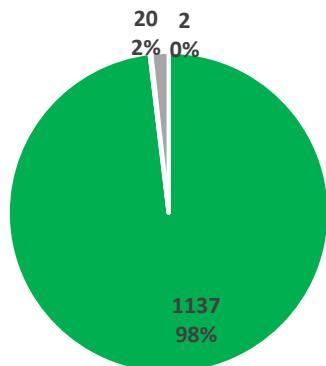
Niobrara County,
2018



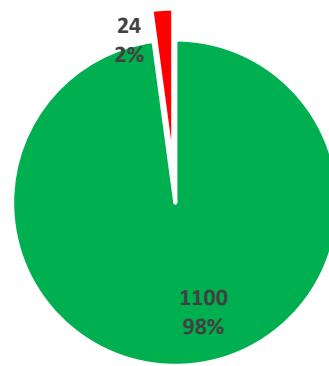
Niobrara County,
2020



Statewide, 2014



Eastern side of the
State 2018



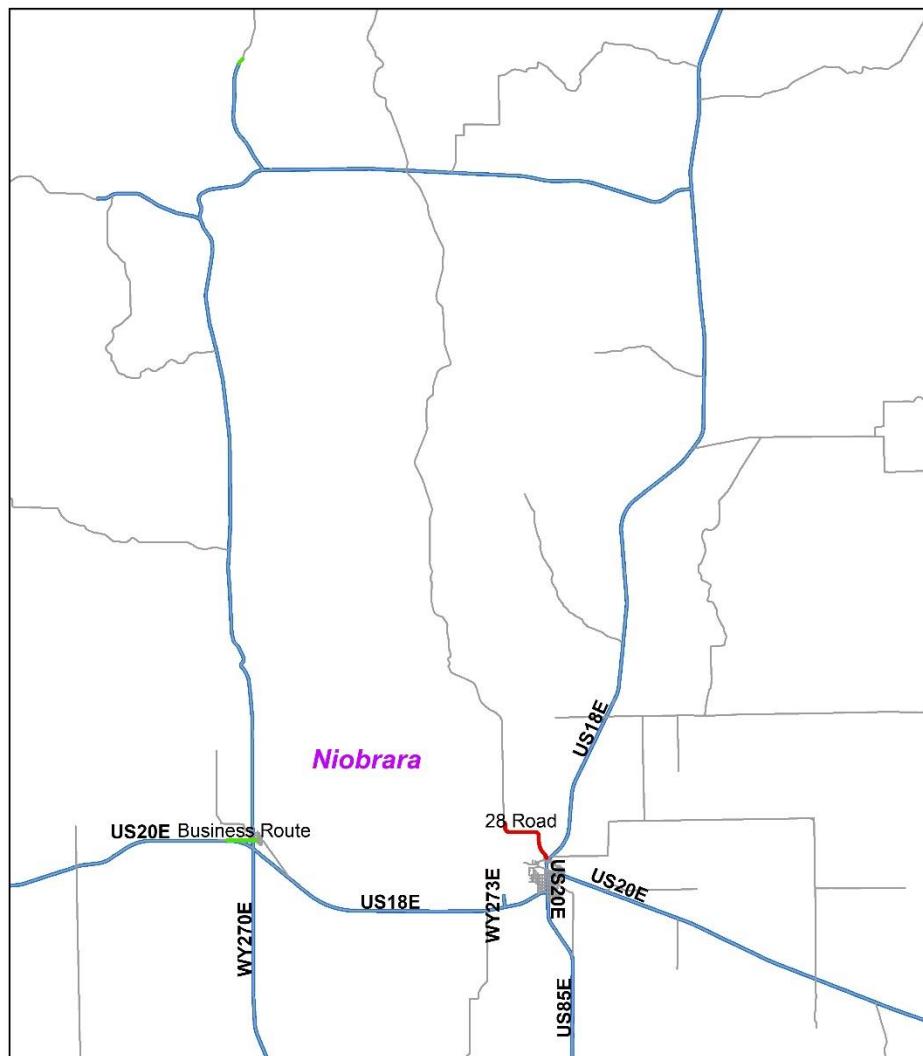
Eastern side of
the State 2020

■ 0.3 inches or less

■ More than 0.3 inches

■ Missing

Appendix 3.10.2: Rut Depth in Niobrara County vs. Statewide and Eastern Side in 2018 and 2020.

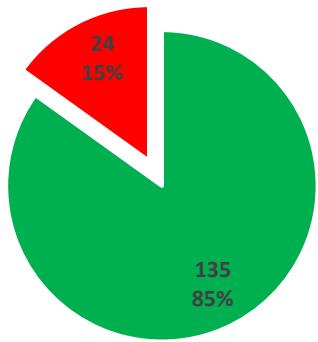


Appendix 3.10.3: Rut Depth Conditions in Niobrara County.

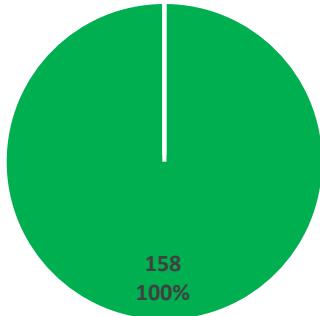
Appendix 3.11: Platte County

Appendix 3.11.1: Rut Depth in Platte County vs. Statewide and Eastern Side in 2018 and 2020.

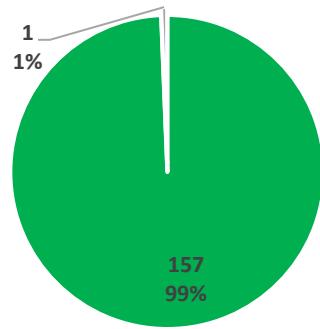
	Summary in Miles (Percentage)				
	Platte County, 2018	Platte County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
More than 0.3 inches	0 (0%)	1 (1%)	2 (<1%)	24 (2%)	227 (9%)
0.3 inches or less	158 (100%)	157 (99%)	1,137(97%)	1,100 (98%)	2,122 (87%)
Missing	0 (0%)	0 (0%)	20 (2%)	0 (0%)	95 (4%)
Total	158 (100%)	158 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



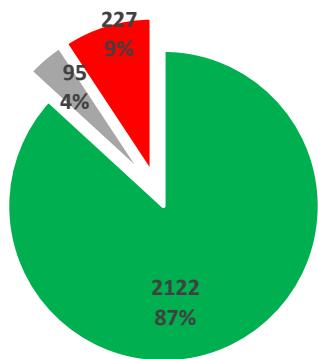
Platte County, 2014



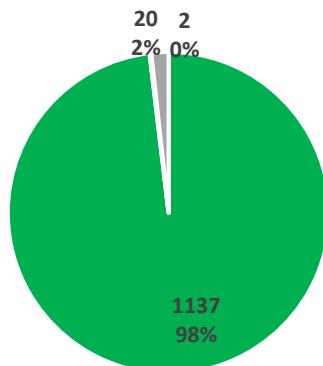
Platte County, 2018



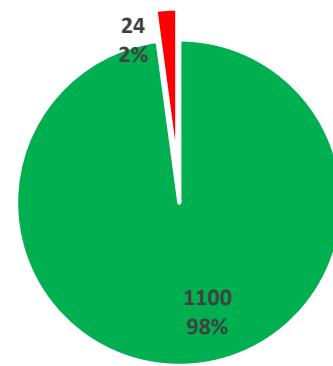
Platte County, 2020



Statewide, 2014



Eastern side of the State 2018



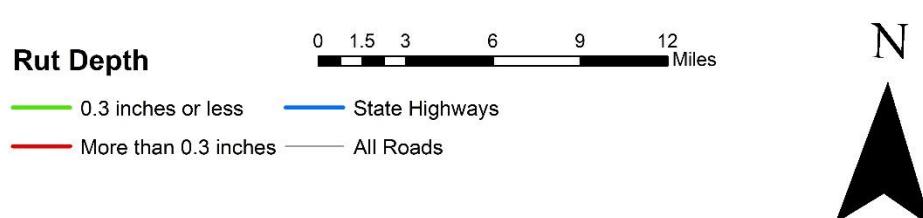
Eastern side of the State 2020

■ 0.3 inches or less

■ More than 0.3 inches

■ Missing

Appendix 3.11.2: Rut Depth in Platte County vs. Statewide and Eastern Side in 2018 and 2020.

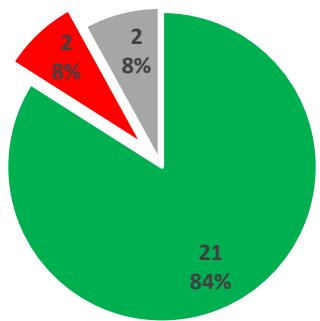


Appendix 3.11.3: Rut Depth Conditions in Platte County.

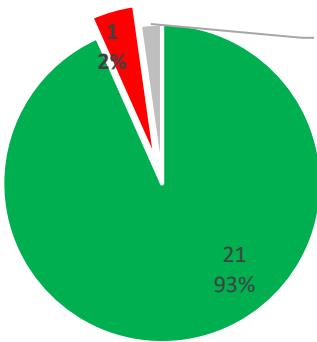
Appendix 3.12: Sheridan County

Appendix 3.12.1: Rut Depth in Sheridan County vs. Statewide and Eastern Side in 2018 and 2020.

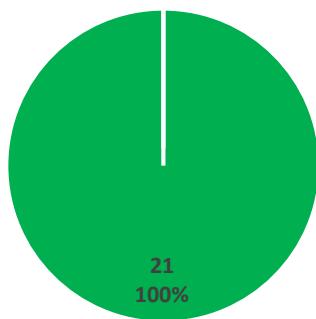
	Summary in Miles (Percentage)				
	Sheridan County, 2018	Sheridan County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
More than 0.3 inches	1 (3%)	0 (0%)	2 (<1%)	24 (2%)	227 (9%)
0.3 inches or less	21 (95%)	21 (100%)	1,137(97%)	1,100 (98%)	2,122 (87%)
Missing	0.5 (2%)	0 (0%)	20 (2%)	0 (0%)	95 (4%)
Total	22 (100%)	21 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



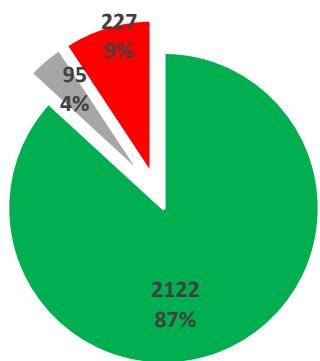
Sheridan County,
2014



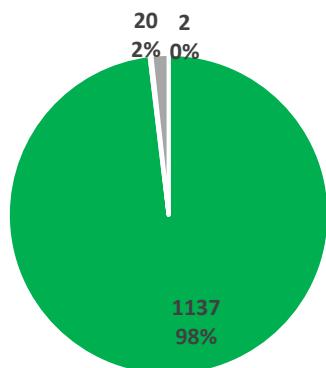
Sheridan County,
2018



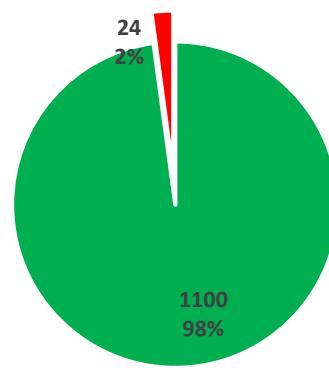
Sheridan County,
2020



Statewide, 2014



Eastern side of the
State 2018



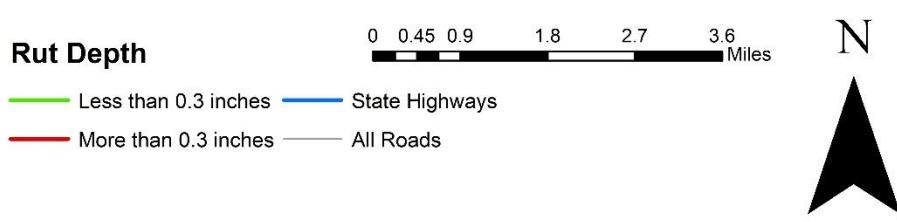
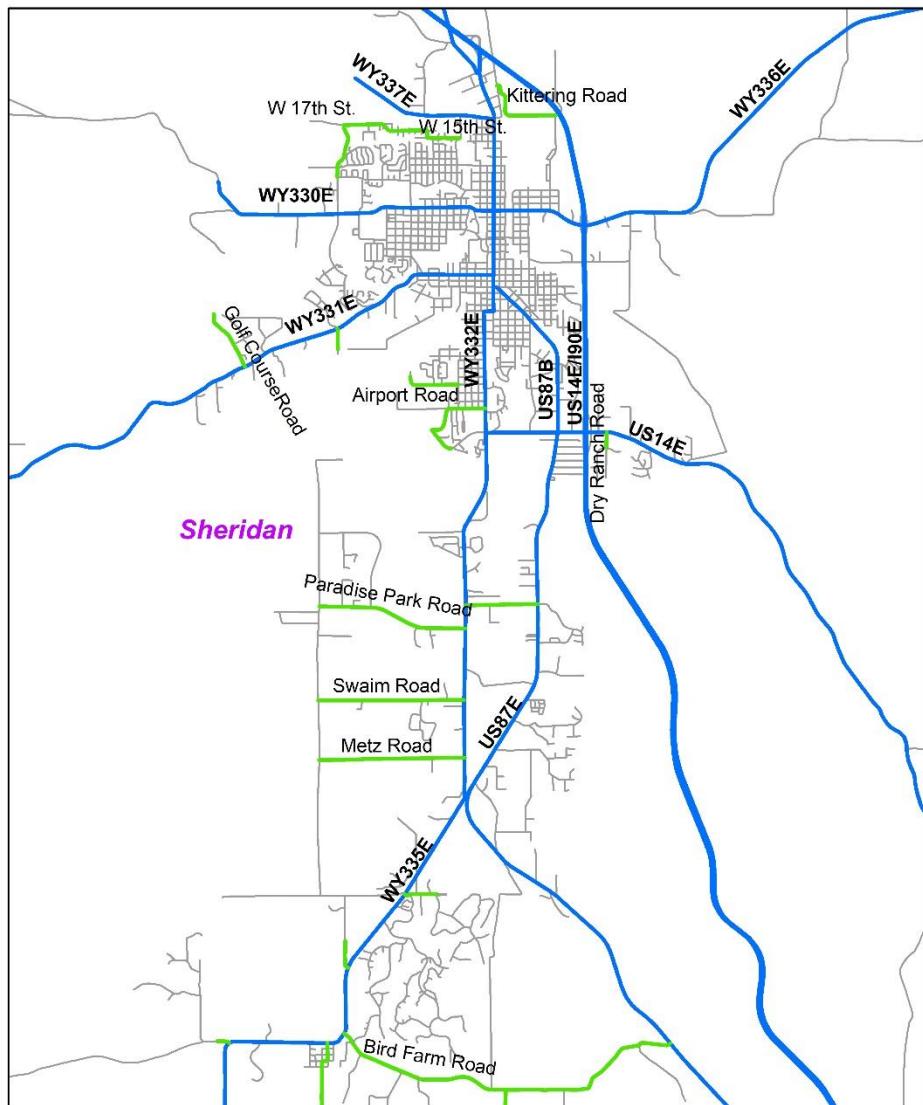
Eastern side of
the State 2020

█ 0.3 inches or less

█ More than 0.3 inches

█ Missing

Appendix 3.12.2: Rut Depth in Sheridan County vs. Statewide and Eastern Side in 2018 and 2020.

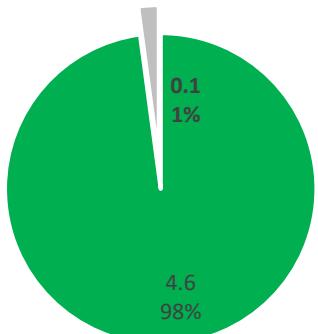


Appendix 3.12.3: Rut Depth Conditions in Sheridan County.

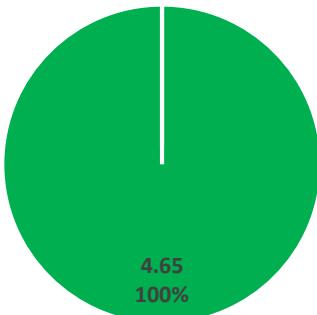
Appendix 3.13: Weston County

Appendix 3.13.1: Rut Depth in Weston County vs. Statewide and Eastern Side in 2018 and 2020.

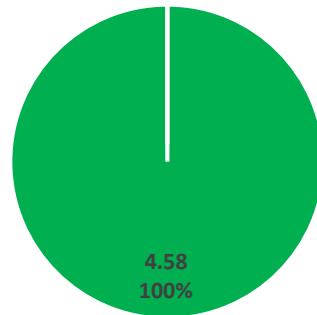
	Summary in Miles (Percentage)				
	Weston County, 2018	Weston County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
More than 0.3 inches	0 (0%)	0 (0%)	2 (<1%)	24 (2%)	227 (9%)
0.3 inches or less	4.65 (100%)	4.58 (100%)	1,137(97%)	1,100 (98%)	2,122 (87%)
Missing	0 (0%)	0 (0%)	20 (2%)	0 (0%)	95 (4%)
Total	4.65 (100%)	4.58 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



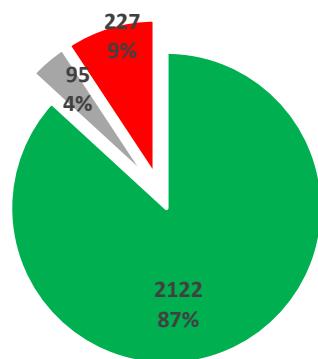
**Weston County,
2014**



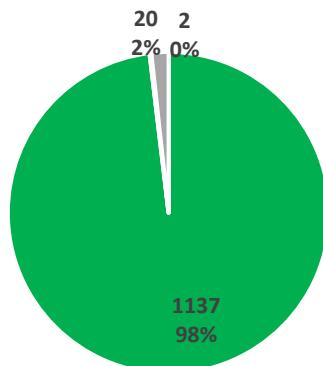
**Weston County,
2018**



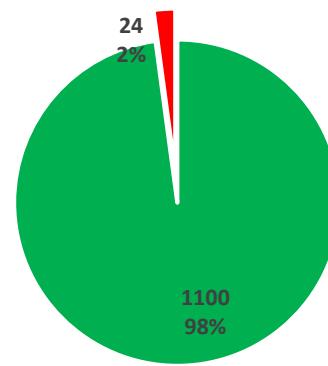
**Weston County,
2020**



Statewide, 2014



**Eastern side of the
State 2018**



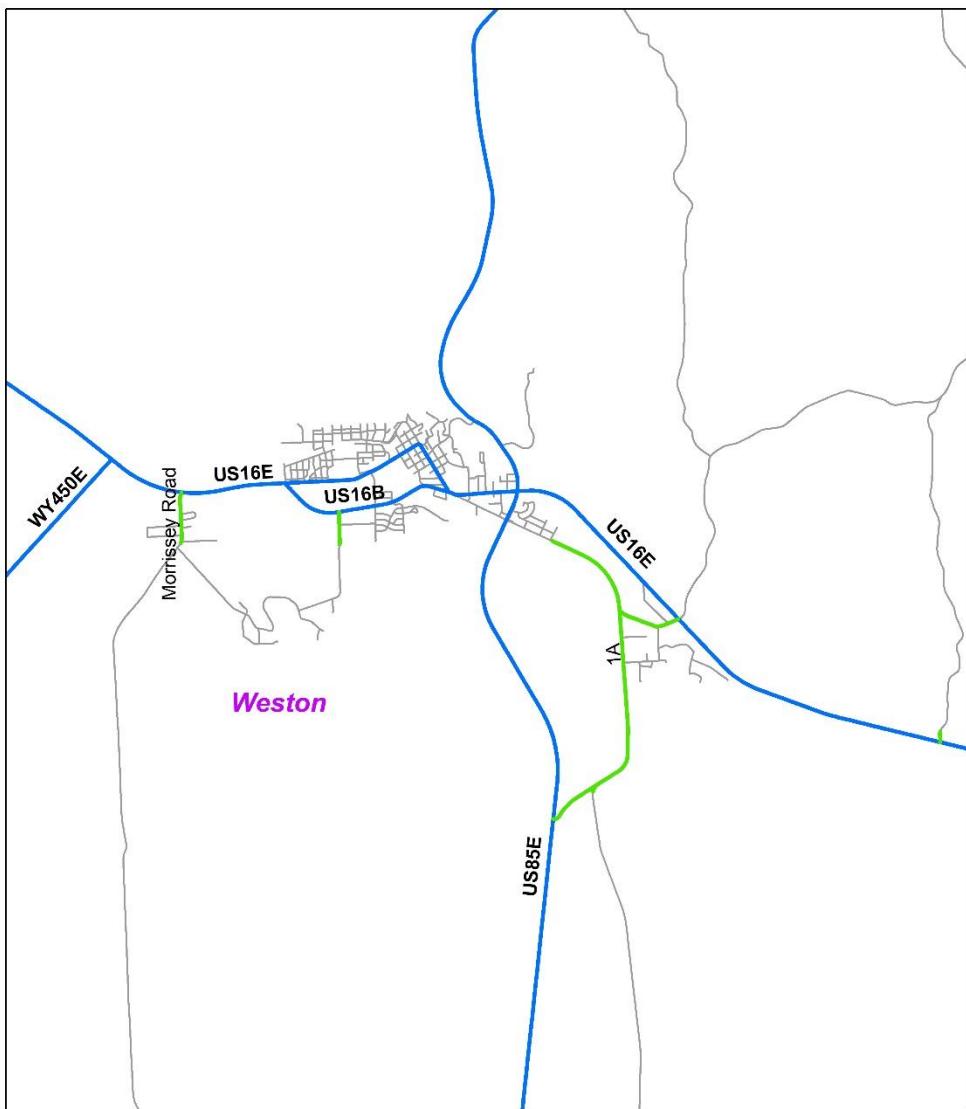
**Eastern side of
the State 2020**

■ 0.3 inches or less

■ More than 0.3 inches

■ Missing

Appendix 3.13.2: Rut Depth in Weston County vs. Statewide and Eastern Side in 2018 and 2020.



Rut Depth

0 0.4 0.8 1.6 2.4 3.2 Miles

- More than 0.3 inches — Red line
- 0.3 inches or less — Green line
- State Highways — Blue line
- All Roads — Grey line

N



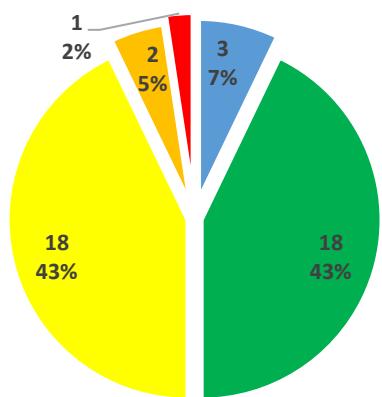
Appendix 3.13.3: Rut Depth Conditions in Weston County.

APPENDIX 4: PAVEMENT ROUGHNESS SUMMARIES

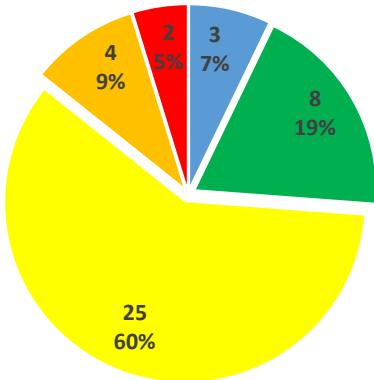
Appendix 4.1: Albany County

Appendix 4.1.1: Roughness in Albany County vs. Statewide and Eastern Side in 2018 and 2020.

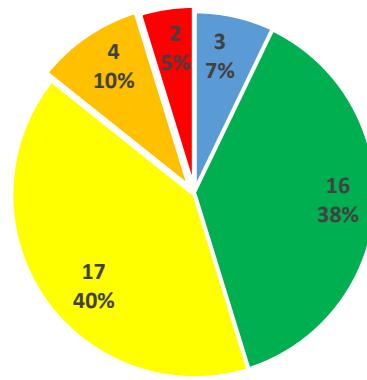
	Albany County, 2018	Albany County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Excellent (Less than 70)	3 (8%)	3 (7%)	89 (8%)	87 (8%)	121 (5%)
Good (70 – 100)	8 (19%)	16 (38%)	201 (17%)	219 (19%)	346 (14%)
Fair (101 – 130)	25 (58%)	17 (40%)	185 (16%)	208 (19%)	248 (10%)
Poor (131 – 170)	4 (10%)	4 (10%)	205 (18%)	188 (17%)	386 (16%)
Very Poor (Greater than 170)	2 (5%)	2 (5%)	458 (39%)	421 (37%)	1,248 (51%)
Missing	0 (0%)	0 (0%)	20 (2%)	0 (0%)	95 (4%)
Total	43 (100%)	42 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



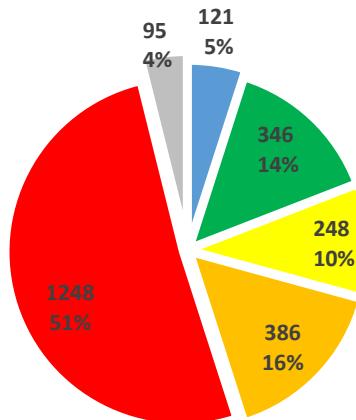
Albany County,
2014



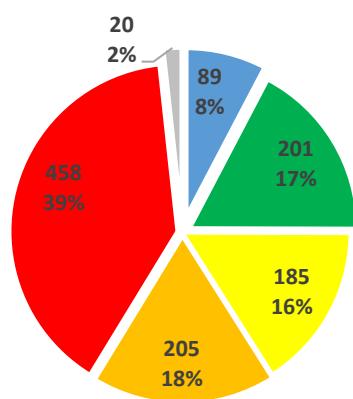
Albany County,
2018



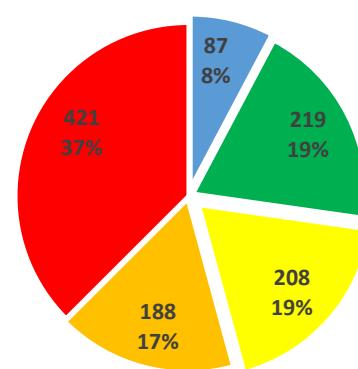
Albany County,
2020



Statewide, 2014



Eastern Side of
the State, 2018



Eastern Side of
the State, 2020

█ Less than 70

█ 70-100

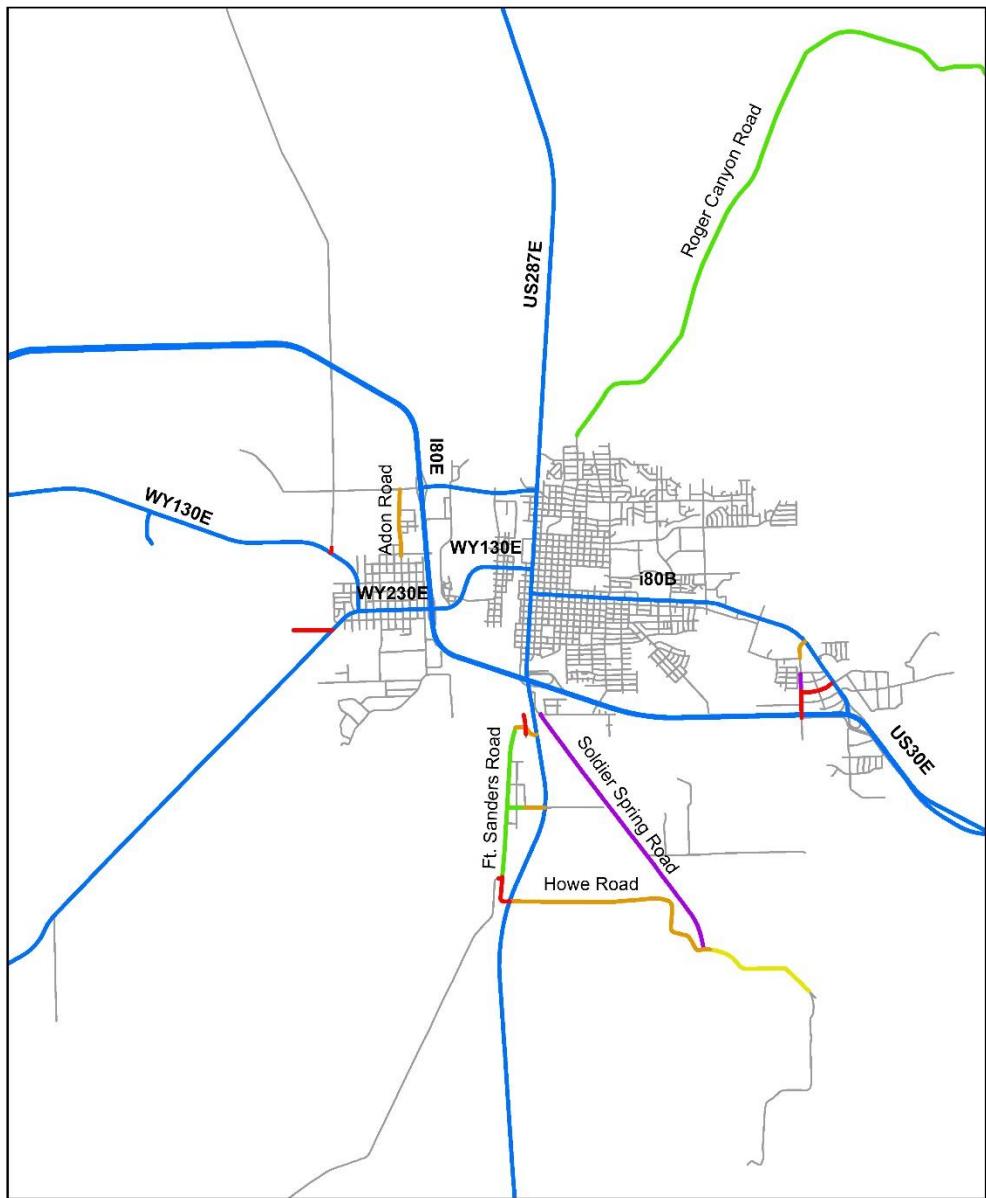
█ 101-130

█ 131-170

█ Greater than 170

█ Missing

Appendix 4.1.2: Roughness in Albany County vs. Eastern Side in 2018 and 2020.



International Roughness Index

0 0.5 1 2 3 4 Miles

N

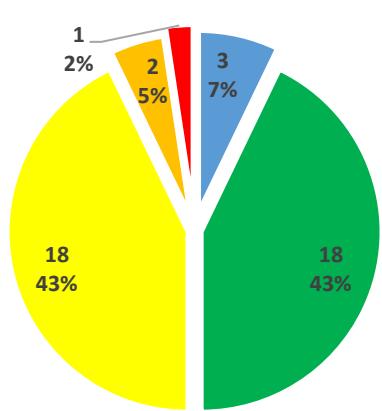
- | | | |
|------------------|--------------|----------------|
| Greater than 170 | 70-100 | All Roads |
| 131-170 | Purple | |
| 101-130 | Light Yellow | |
| | Blue | State Highways |

Appendix 4.1.3: Roughness (IRI) in Albany County.

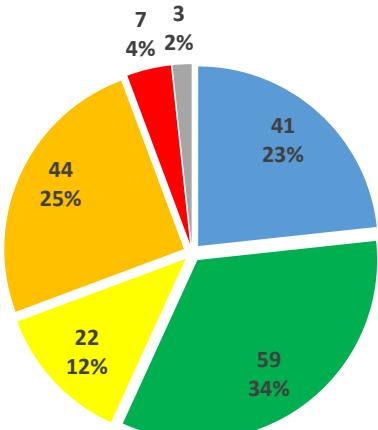
Appendix 4.2: Campbell County

Appendix 4.2.1: Roughness in Campbell County vs. Statewide and Eastern Side in 2018 and 2020.

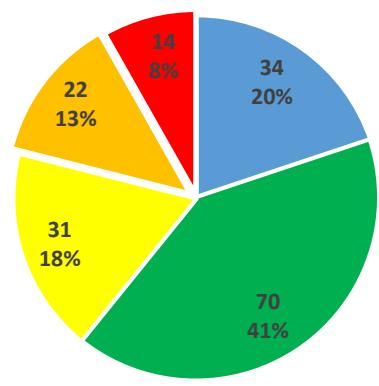
	Campbell County, 2018	Campbell County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Excellent (Less than 70)	41 (23%)	34 (20%)	89 (8%)	87 (8%)	121 (5%)
Good (70 – 100)	59 (34%)	70 (41%)	201 (17%)	219 (19%)	346 (14%)
Fair (101 – 130)	22 (12%)	31 (18%)	185 (16%)	208 (19%)	248 (10%)
Poor (131 – 170)	44 (25%)	22 (13%)	205 (18%)	188 (17%)	386 (16%)
Very Poor (Greater than 170)	7 (4%)	14 (8%)	458 (39%)	421 (37%)	1,248 (51%)
Missing	3 (2%)	0 (0%)	20 (2%)	0 (0%)	95 (4%)
Total	175 (100%)	171 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



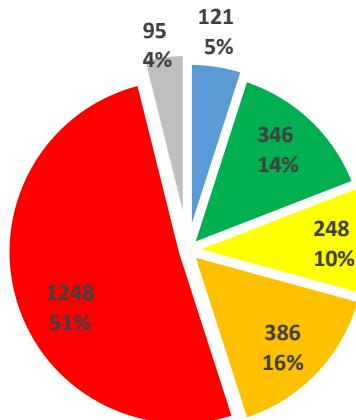
Campbell County,
2014



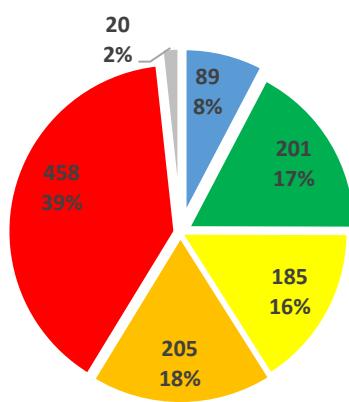
Campbell County,
2018



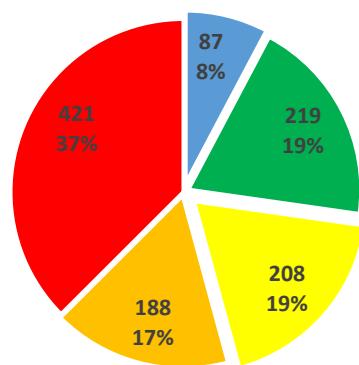
Campbell County,
2020



Statewide, 2014



Eastern Side of
the State, 2018



Eastern Side of
the State, 2020

■ Less than 70

■ 70-100

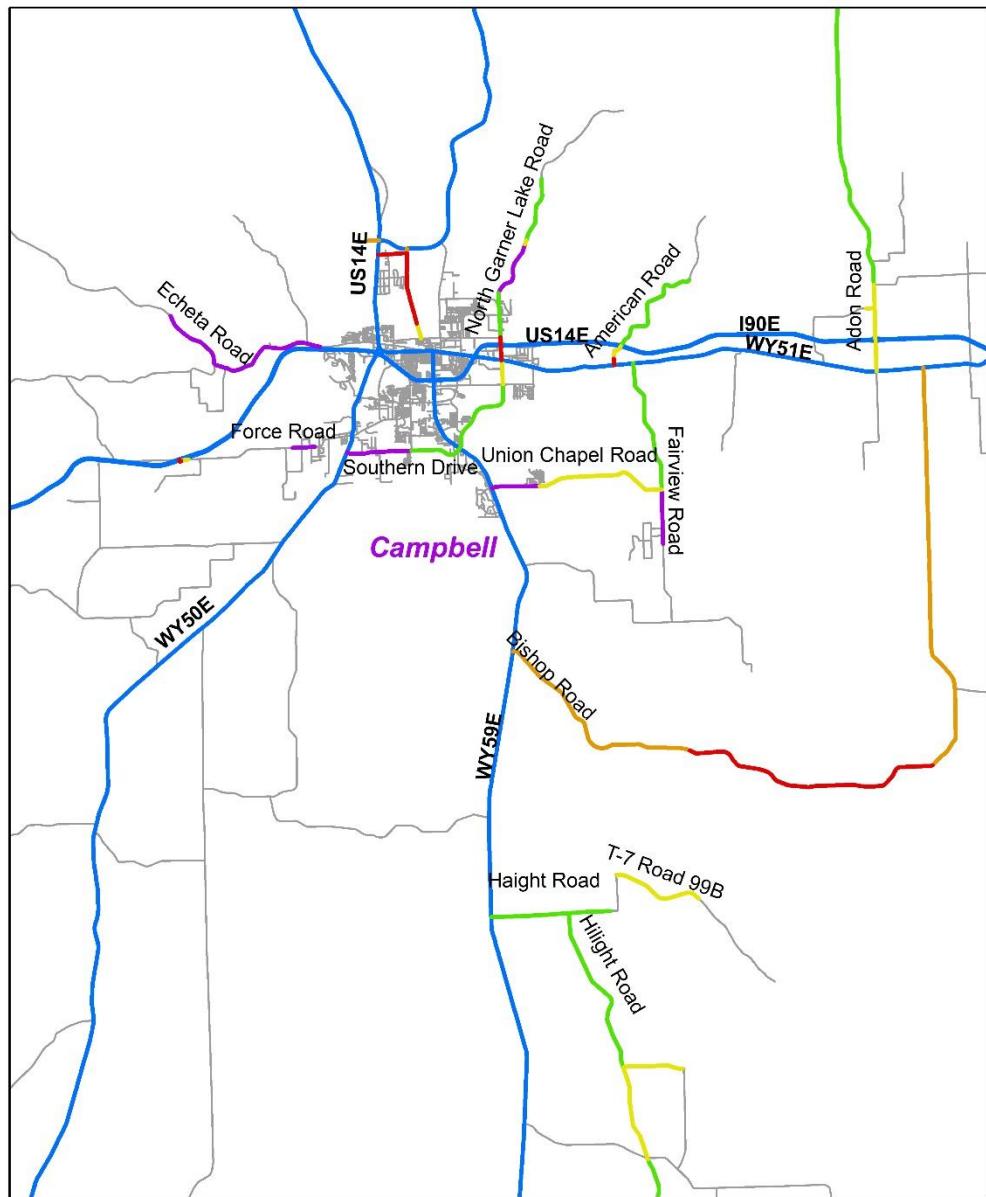
■ 101-130

■ 131-170

■ Greater than 170

■ Missing

Appendix 4.2.2: Roughness in Campbell County vs. Eastern Side in 2018 and 2020.



International Roughness Index

- | | |
|--------------------|------------------|
| — Greater than 170 | — 70-100 |
| — 131-170 | — Less than 70 |
| — 101-130 | — State Highways |

0 1.5 3 6 9 12 Miles

— All Roads

N

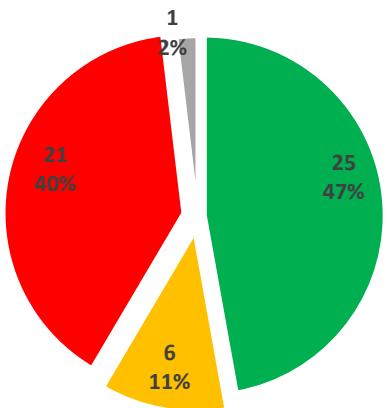


Appendix 4.2.3: Roughness (IRI) in Campbell County.

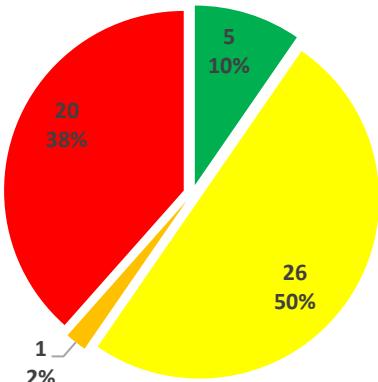
Appendix 4.3: Carbon County

Appendix 4.3.1: Roughness in Carbon County vs. Statewide and Eastern Side in 2018 and 2020.

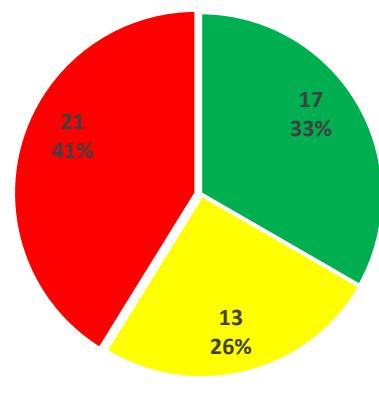
	Carbon County, 2018	Carbon County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Excellent (Less than 70)	0 (0%)	0 (0%)	89 (8%)	87 (8%)	121 (5%)
Good (70 – 100)	5 (9%)	17 (33%)	201 (17%)	219 (19%)	346 (14%)
Fair (101 – 130)	26 (49%)	13 (26%)	185 (16%)	208 (19%)	248 (10%)
Poor (131 – 170)	1 (2%)	0 (0%)	205 (18%)	188 (17%)	386 (16%)
Very Poor (Greater than 170)	20 (38%)	21 (41%)	458 (39%)	421 (37%)	1,248 (51%)
Missing	1 (2%)	0 (0%)	20 (2%)	0 (0%)	95 (4%)
Total	53 (100%)	51 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



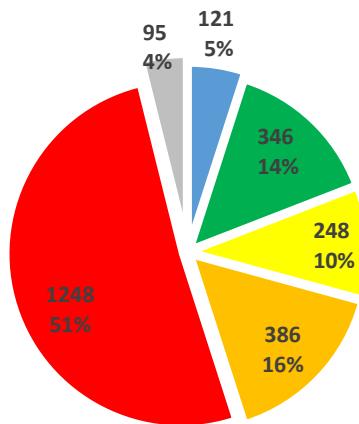
Carbon County,
2014



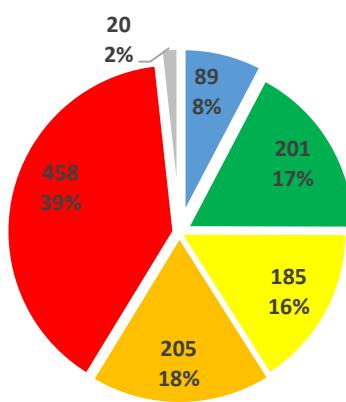
Carbon County,
2018



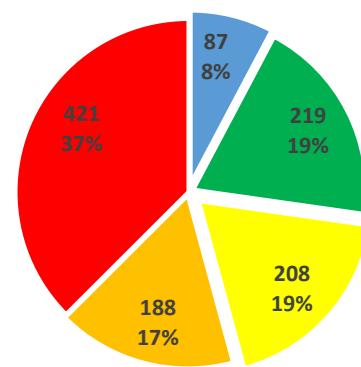
Carbon County,
2020



Statewide, 2014



Eastern Side of
the State, 2018



Eastern Side of
the State, 2020

█ Less than 70

█ 70-100

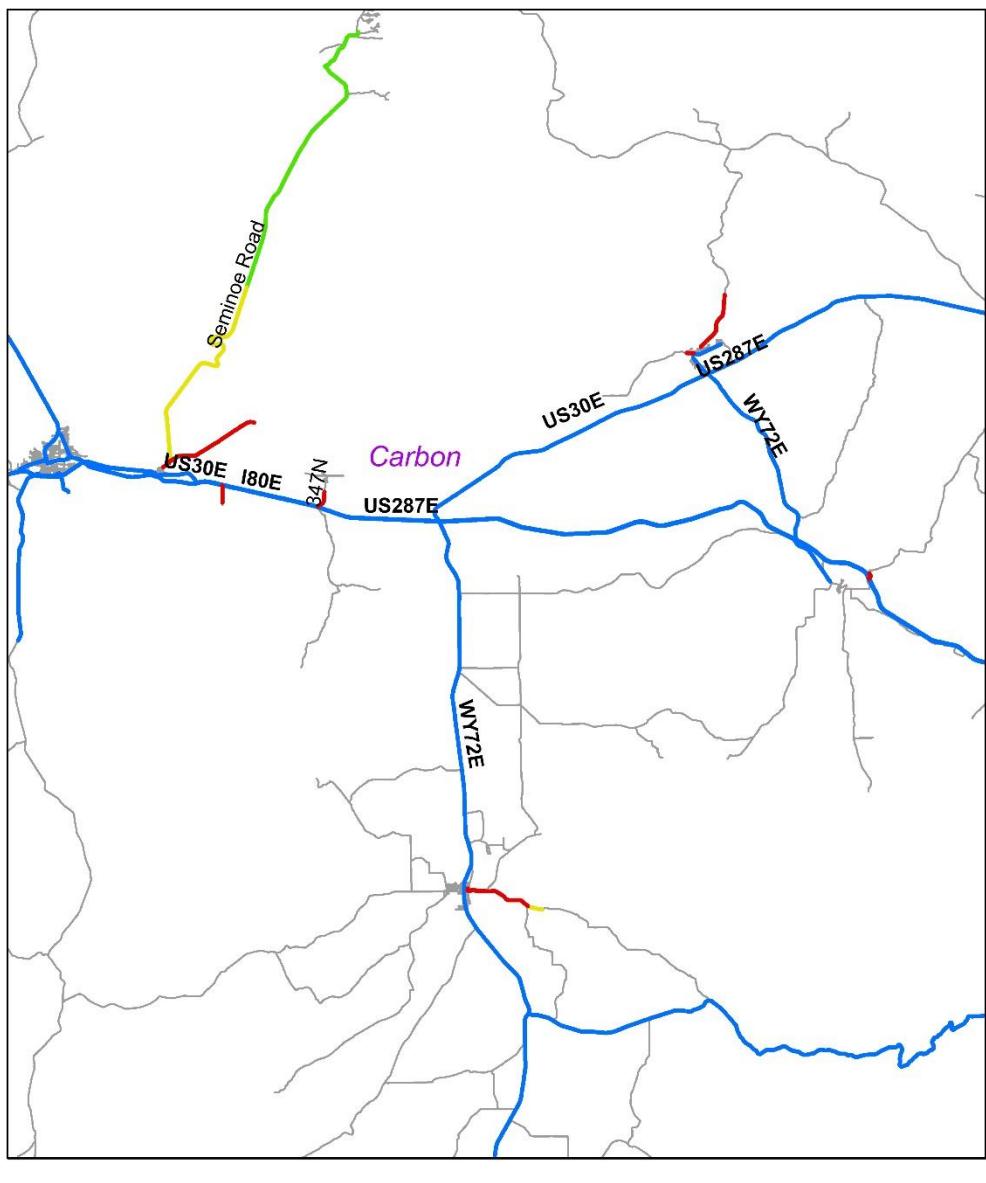
█ 101-130

█ 131-170

█ Greater than 170

█ Missing

Appendix 4.3.2: Roughness in Carbon County vs. Eastern Side in 2018 and 2020.



International Roughness Index

0 2.5 5 10 15 20 Miles

N

— Greater than 170

— 70-100

— All Roads

— 131-170

— Less than 70

— 101-130

— State Highways

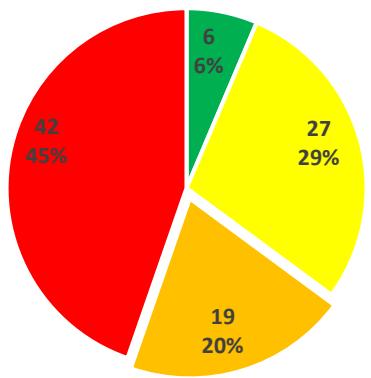


Appendix 4.3.3: Roughness (IRI) in Carbon County.

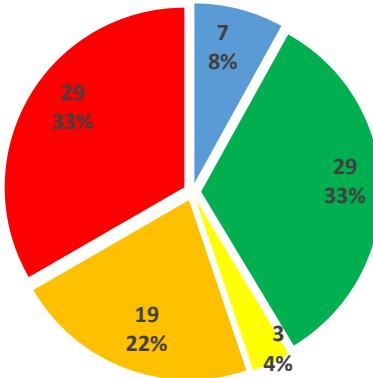
Appendix 4.4: Converse County

Appendix 4.4.1: Roughness in Converse County vs. Statewide and Eastern Side in 2018 and 2020.

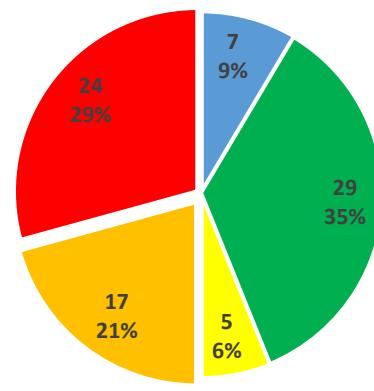
	Converse County, 2018	Converse County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Excellent (Less than 70)	7 (8%)	7 (9%)	89 (8%)	87 (8%)	121 (5%)
Good (70 – 100)	29 (33%)	29 (35%)	201 (17%)	219 (19%)	346 (14%)
Fair (101 – 130)	3 (4%)	5 (6%)	185 (16%)	208 (19%)	248 (10%)
Poor (131 – 170)	19 (22%)	17 (21%)	205 (18%)	188 (17%)	386 (16%)
Very Poor (Greater than 170)	29 (33%)	24 (29%)	458 (39%)	421 (37%)	1,248 (51%)
Missing	0 (0%)	0 (0%)	20 (2%)	0 (0%)	95 (4%)
Total	86 (100%)	81 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



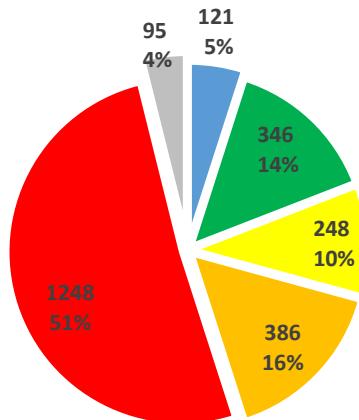
Converse County,
2014



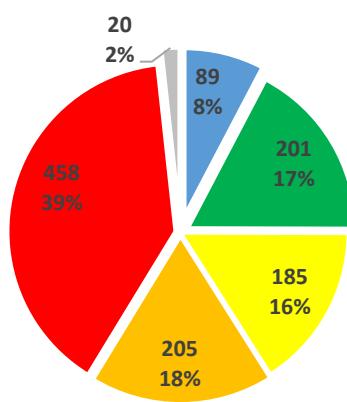
Converse County,
2018



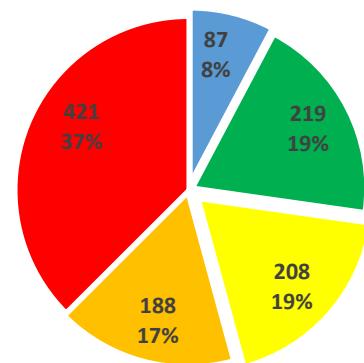
Converse County,
2020



Statewide, 2014



Eastern Side of
the State, 2018



Eastern Side of
the State, 2020

█ Less than 70

█ 70-100

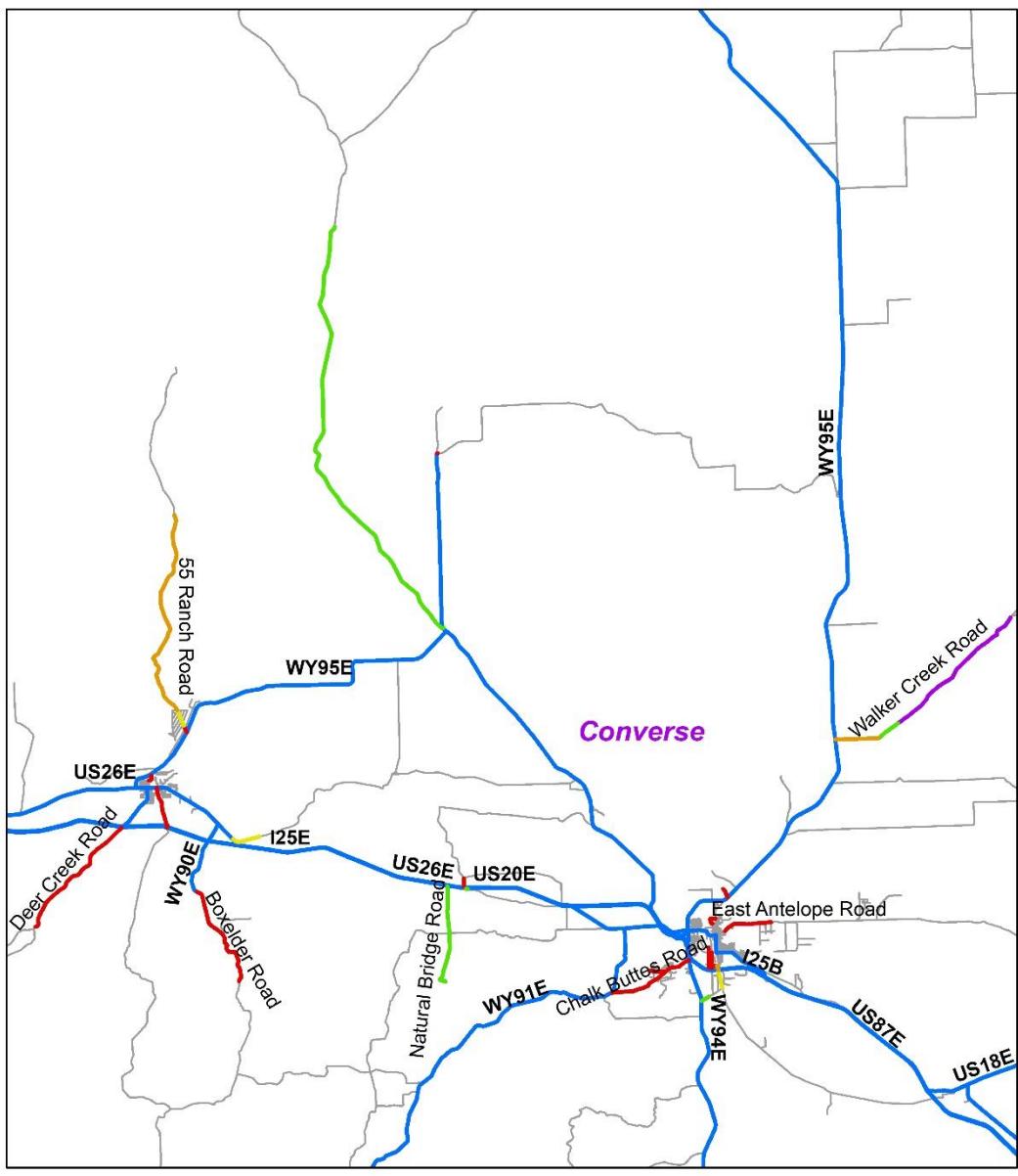
█ 101-130

█ 131-170

█ Greater than 170

█ Missing

Appendix 4.4.2: Roughness in Converse County vs. Eastern Side in 2018 and 2020.



International Roughness Index

0 2 4 8 12 16 Miles

N

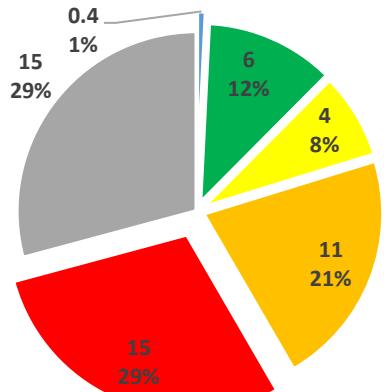
- | | | |
|------------------|----------------|-----------|
| Greater than 170 | 70-100 | All Roads |
| 131-170 | Less than 70 | |
| 101-130 | State Highways | |

Appendix 4.4.3: Roughness (IRI) in Converse County.

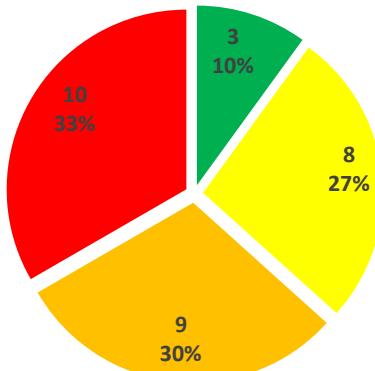
Appendix 4.5: Crook County

Appendix 4.5.1: Roughness in Crook County vs. Statewide and Eastern Side in 2018 and 2020.

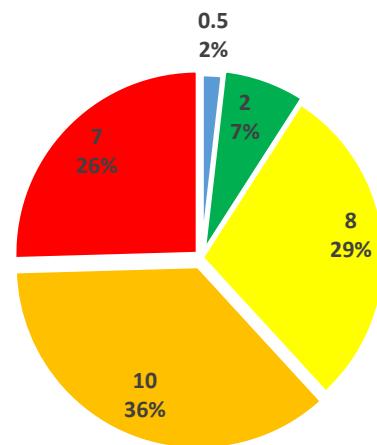
	Crook County, 2018	Crook County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Excellent (Less than 70)	0 (0%)	0.5 (2%)	89 (8%)	87 (8%)	121 (5%)
Good (70 – 100)	3 (10%)	2 (7%)	201 (17%)	219 (19%)	346 (14%)
Fair (101 – 130)	8 (27%)	8 (29%)	185 (16%)	208 (19%)	248 (10%)
Poor (131 – 170)	9 (30%)	10 (36%)	205 (18%)	188 (17%)	386 (16%)
Very Poor (Greater than 170)	10 (33%)	7 (26%)	458 (39%)	421 (37%)	1,248 (51%)
Missing	0 (0%)	0 (0%)	20 (2%)	0 (0%)	95 (4%)
Total	31 (100%)	27 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



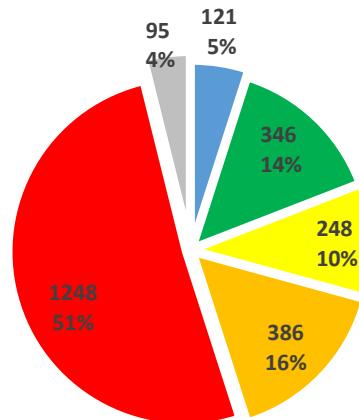
Crook County,
2014



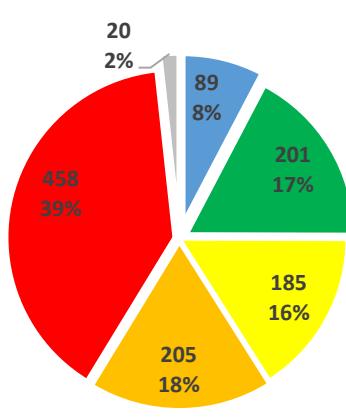
Crook County,
2018



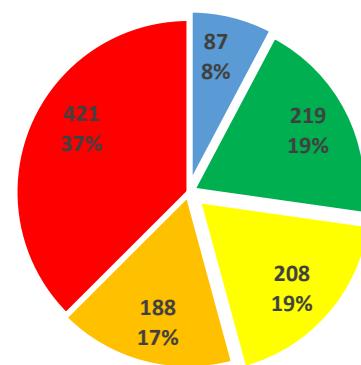
Crook County,
2020



Statewide, 2014



Eastern Side of
the State, 2018



Eastern Side of
the State, 2020

■ Less than 70

■ 70-100

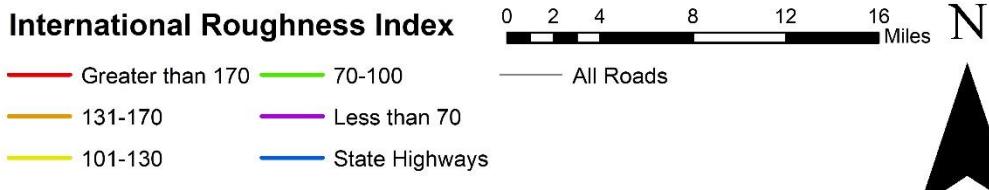
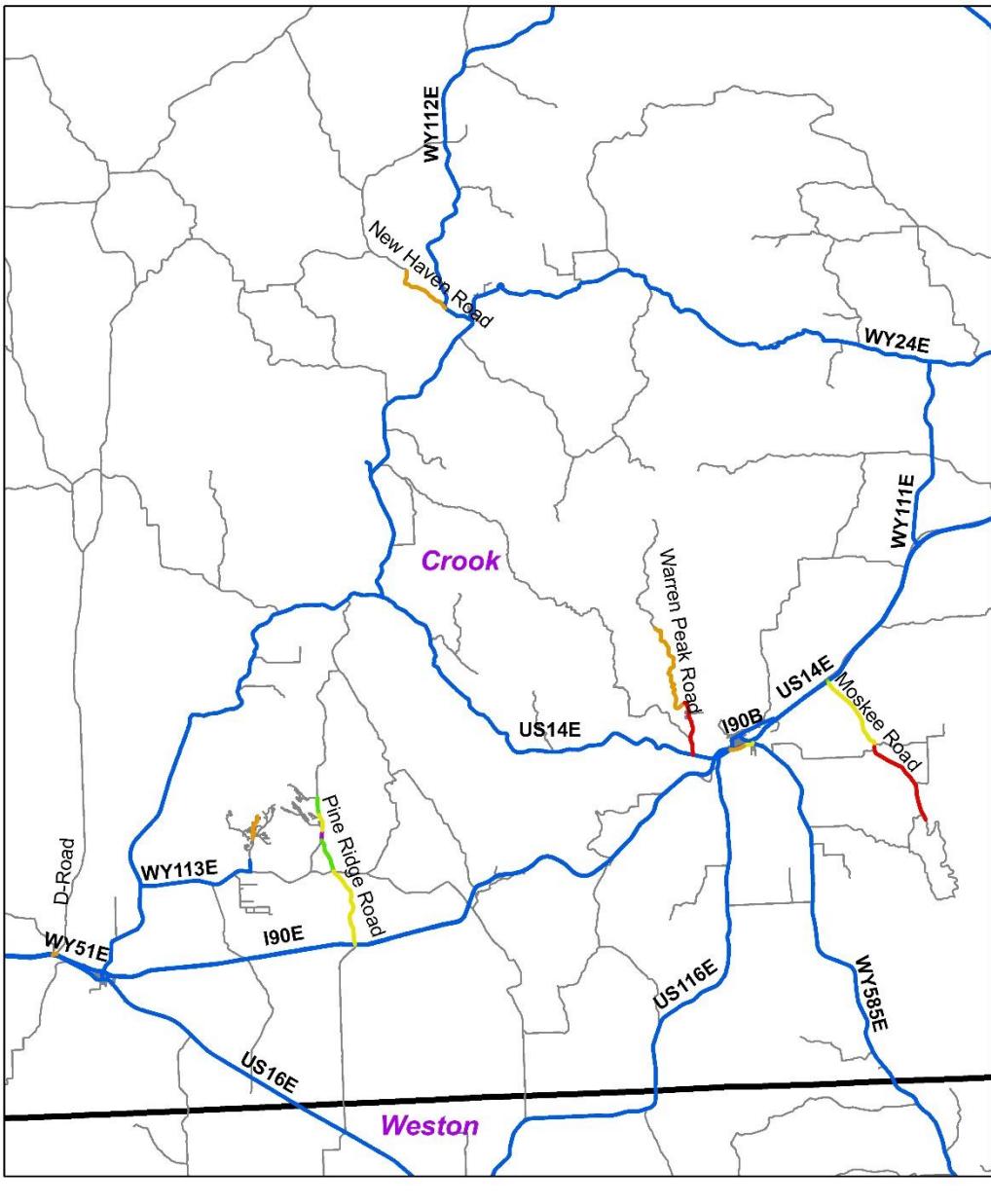
■ 101-130

■ 131-170

■ Greater than 170

■ Missing

Appendix 4.5.2: Roughness in Crook County vs. Statewide and Eastern Side in 2018 and 2020.

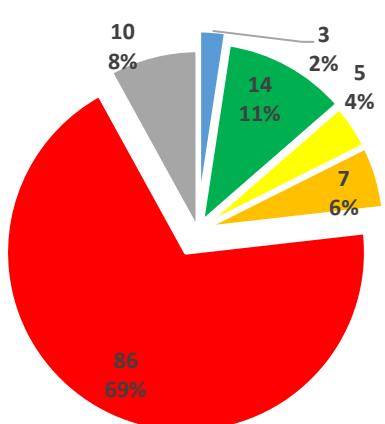


Appendix 4.5.3: Roughness (IRI) in Crook County.

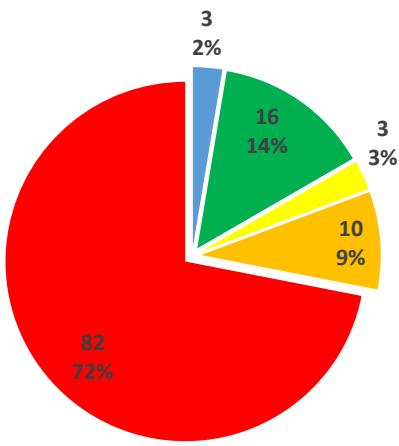
Appendix 4.6: Goshen County

Appendix 4.6.1: Roughness in Goshen County vs. Statewide and Eastern Side in 2018 and 2020.

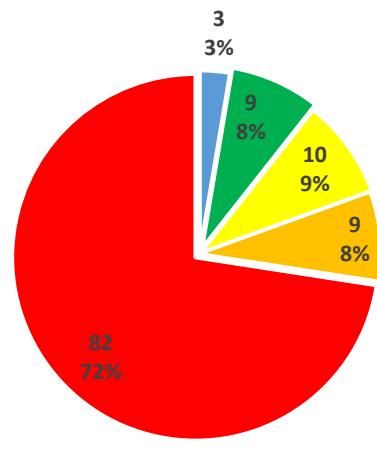
	Goshen County, 2018	Goshen County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Excellent (Less than 70)	3 (2%)	3 (3%)	89 (8%)	87 (8%)	121 (5%)
Good (70 – 100)	16 (14%)	9 (8%)	201 (17%)	219 (19%)	346 (14%)
Fair (101 – 130)	3 (3%)	10 (9%)	185 (16%)	208 (19%)	248 (10%)
Poor (131 – 170)	10 (9%)	9 (8%)	205 (18%)	188 (17%)	386 (16%)
Very Poor (Greater than 170)	82 (72%)	82 (72%)	458 (39%)	421 (37%)	1,248 (51%)
Missing	0 (0%)	0 (0%)	20 (2%)	0 (0%)	95 (4%)
Total	113 (100%)	112 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



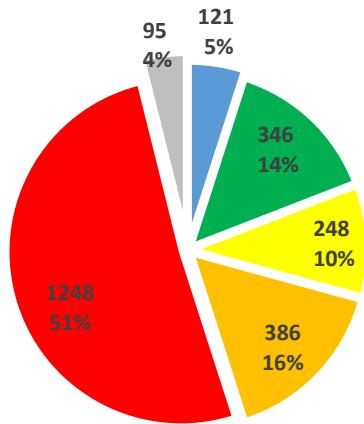
Goshen County,
2014



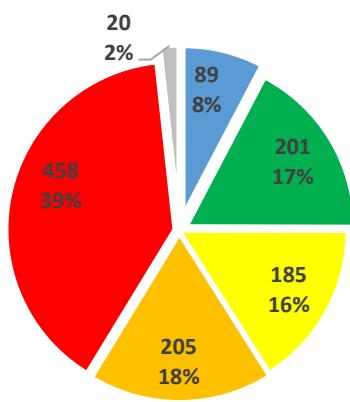
Goshen County,
2018



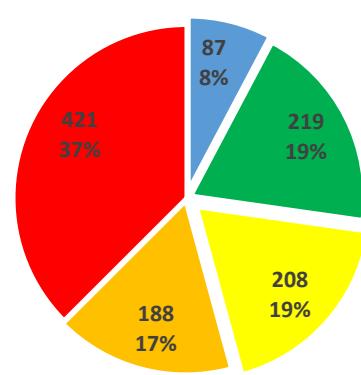
Goshen County,
2020



Statewide, 2014



Eastern Side of
the State, 2018



Eastern Side of
the State, 2020

█ Less than 70

█ 70-100

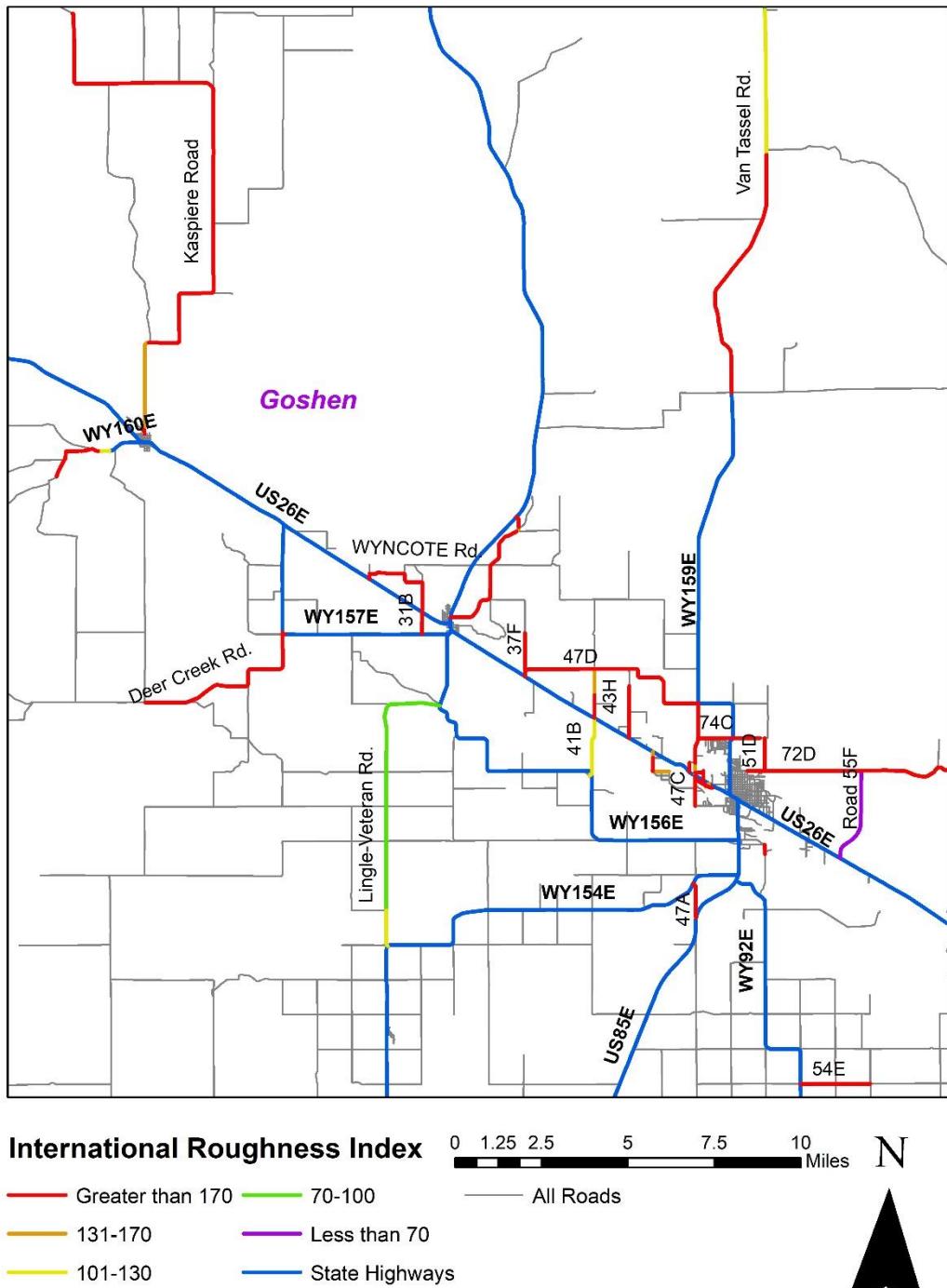
█ 101-130

█ 131-170

█ Greater than 170

█ Missing

Appendix 4.6.2: Roughness in Goshen County vs. Statewide and Eastern Side in 2018 and 2020.

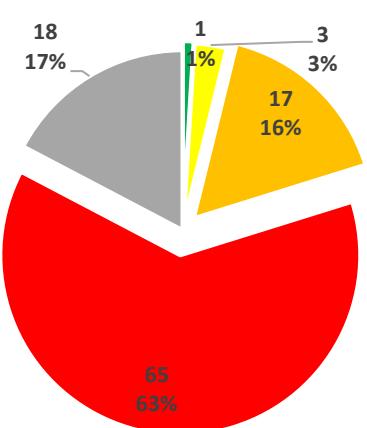


Appendix 4.6.3: Roughness (IRI) in Goshen County.

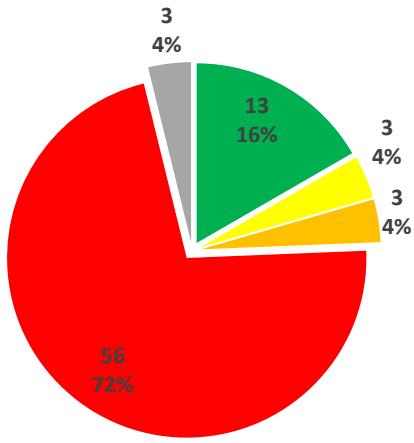
Appendix 4.7: Johnson County

Appendix 4.7.1: Roughness in Johnson County vs. Statewide and Eastern Side in 2018 and 2020.

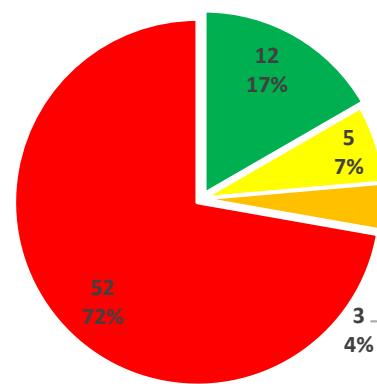
	Johnson County, 2018	Johnson County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Excellent (Less than 70)	0 (0%)	0 (0%)	89 (8%)	87 (8%)	121 (5%)
Good (70 – 100)	13 (16%)	12 (17%)	201 (17%)	219 (19%)	346 (14%)
Fair (101 – 130)	3 (4%)	5 (7%)	185 (16%)	208 (19%)	248 (10%)
Poor (131 – 170)	3 (4%)	3 (4%)	205 (18%)	188 (17%)	386 (16%)
Very Poor (Greater than 170)	56 (72%)	52 (72%)	458 (39%)	421 (37%)	1,248 (51%)
Missing	3 (4%)	0 (0%)	20 (2%)	0 (0%)	95 (4%)
Total	78 (100%)	71 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



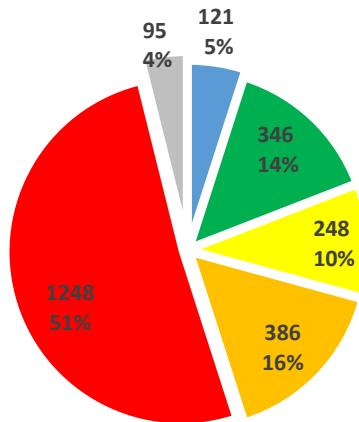
Johnson County,
2014



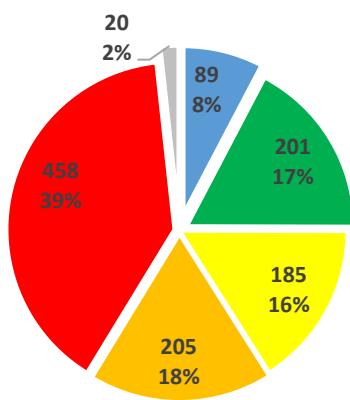
Johnson County,
2018



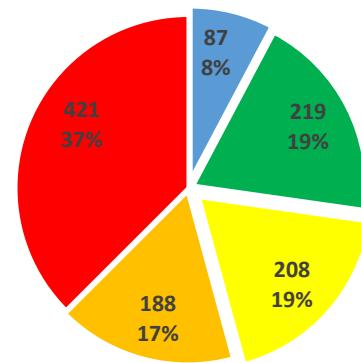
Johnson County,
2020



Statewide, 2014



Eastern Side of
the State, 2018



Eastern Side of
the State, 2020

█ Less than 70

█ 70-100

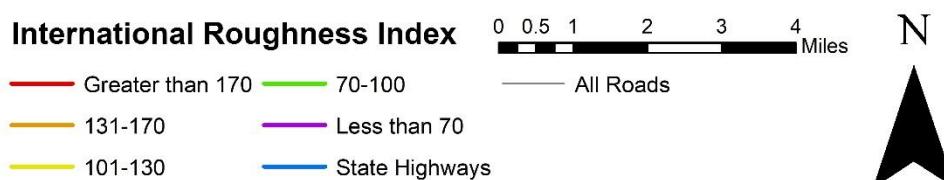
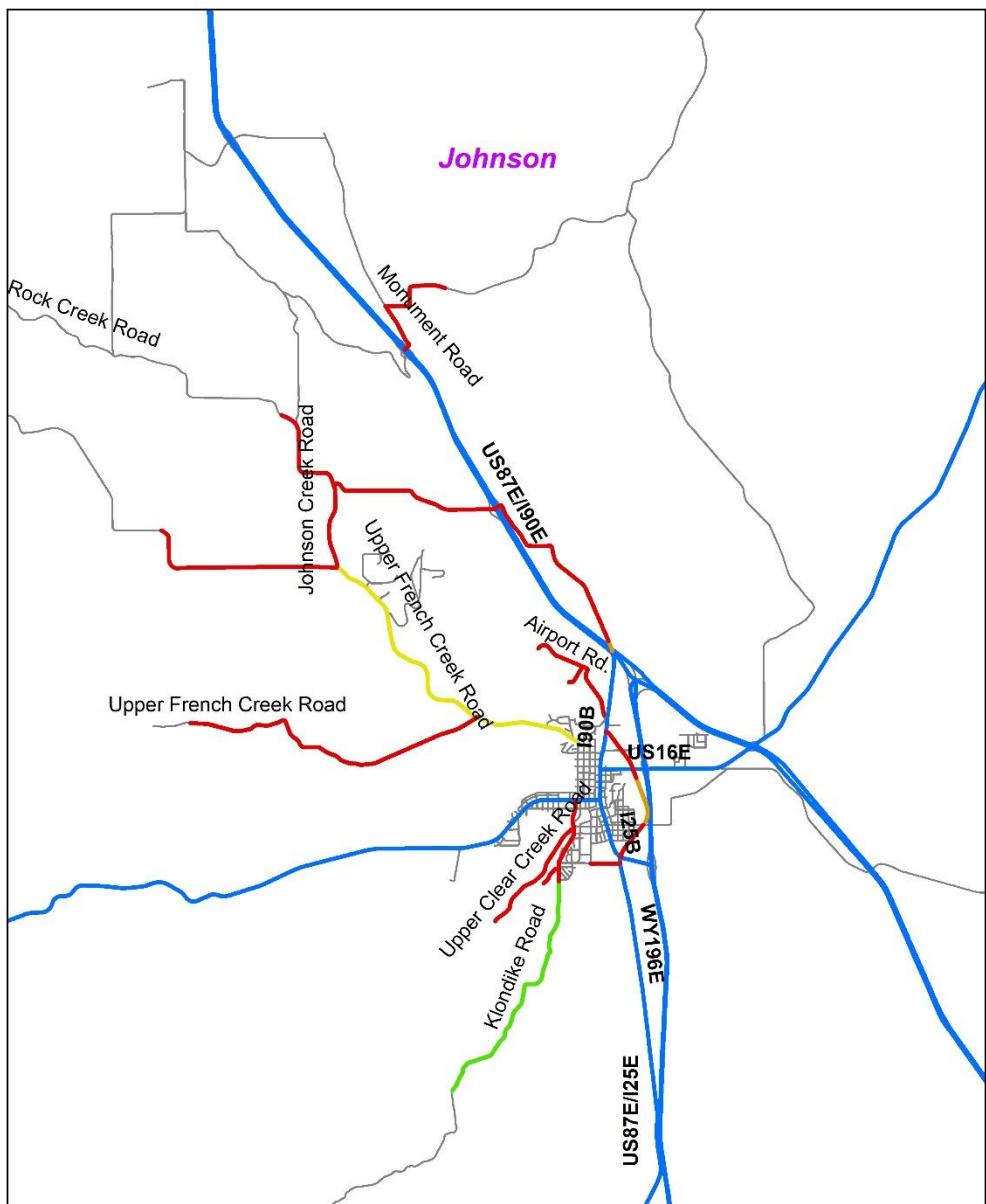
█ 101-130

█ 131-170

█ Greater than 170

█ Missing

Appendix 4.7.2: Roughness in Johnson County vs. Statewide and Eastern Side in 2018 and 2020.

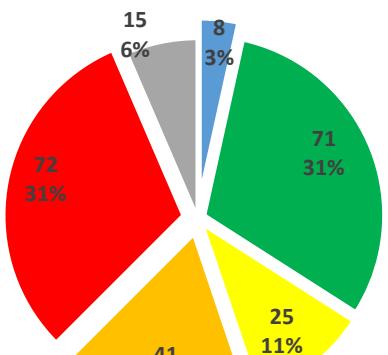


Appendix 4.7.3: Roughness (IRI) in Johnson County.

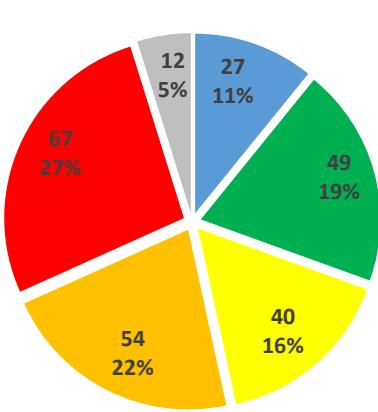
Appendix 4.8: Laramie County

Appendix 4.8.1: Roughness in Laramie County vs. Statewide and Eastern Side in 2018 and 2020.

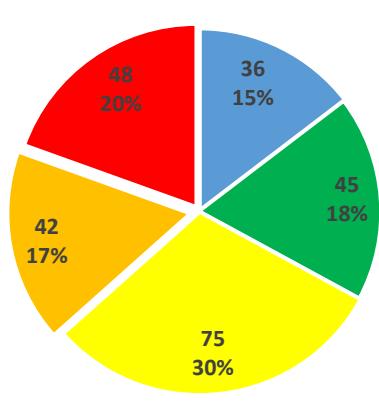
	Laramie County, 2018	Laramie County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Excellent (Less than 70)	27 (11%)	36 (15%)	89 (8%)	87 (8%)	121 (5%)
Good (70 – 100)	49 (19%)	45 (18%)	201 (17%)	219 (19%)	346 (14%)
Fair (101 – 130)	40 (16%)	75 (30%)	185 (16%)	208 (19%)	248 (10%)
Poor (131 – 170)	54 (22%)	42 (17%)	205 (18%)	188 (17%)	386 (16%)
Very Poor (Greater than 170)	67 (27%)	48 (20%)	458 (39%)	421 (37%)	1,248 (51%)
Missing	12 (5%)	0 (0%)	20 (2%)	0 (0%)	95 (4%)
Total	249 (100%)	245 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



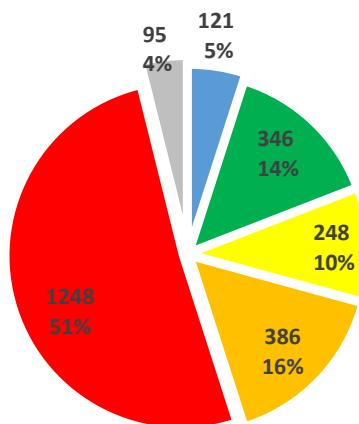
Laramie County,
2014



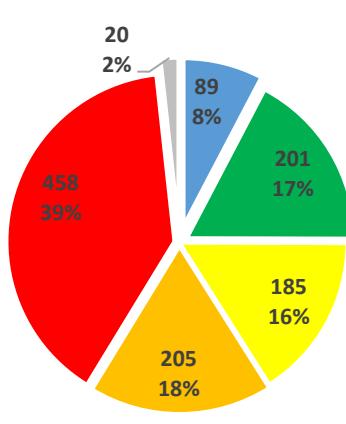
Laramie County,
2018



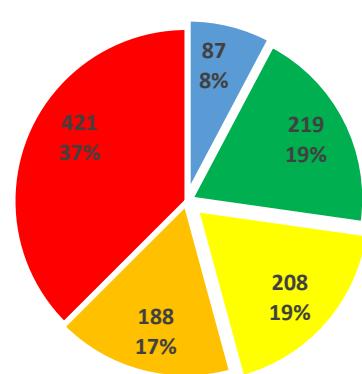
Laramie County,
2020



Statewide, 2014



Eastern Side of
the State, 2018



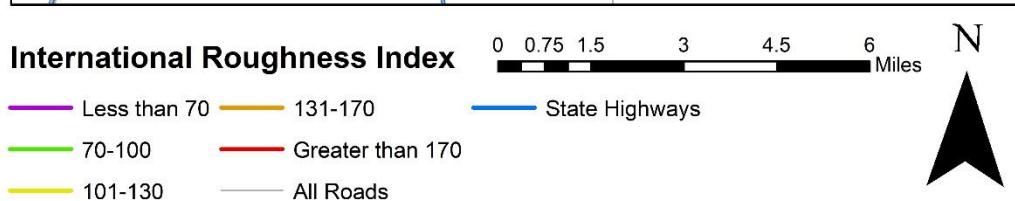
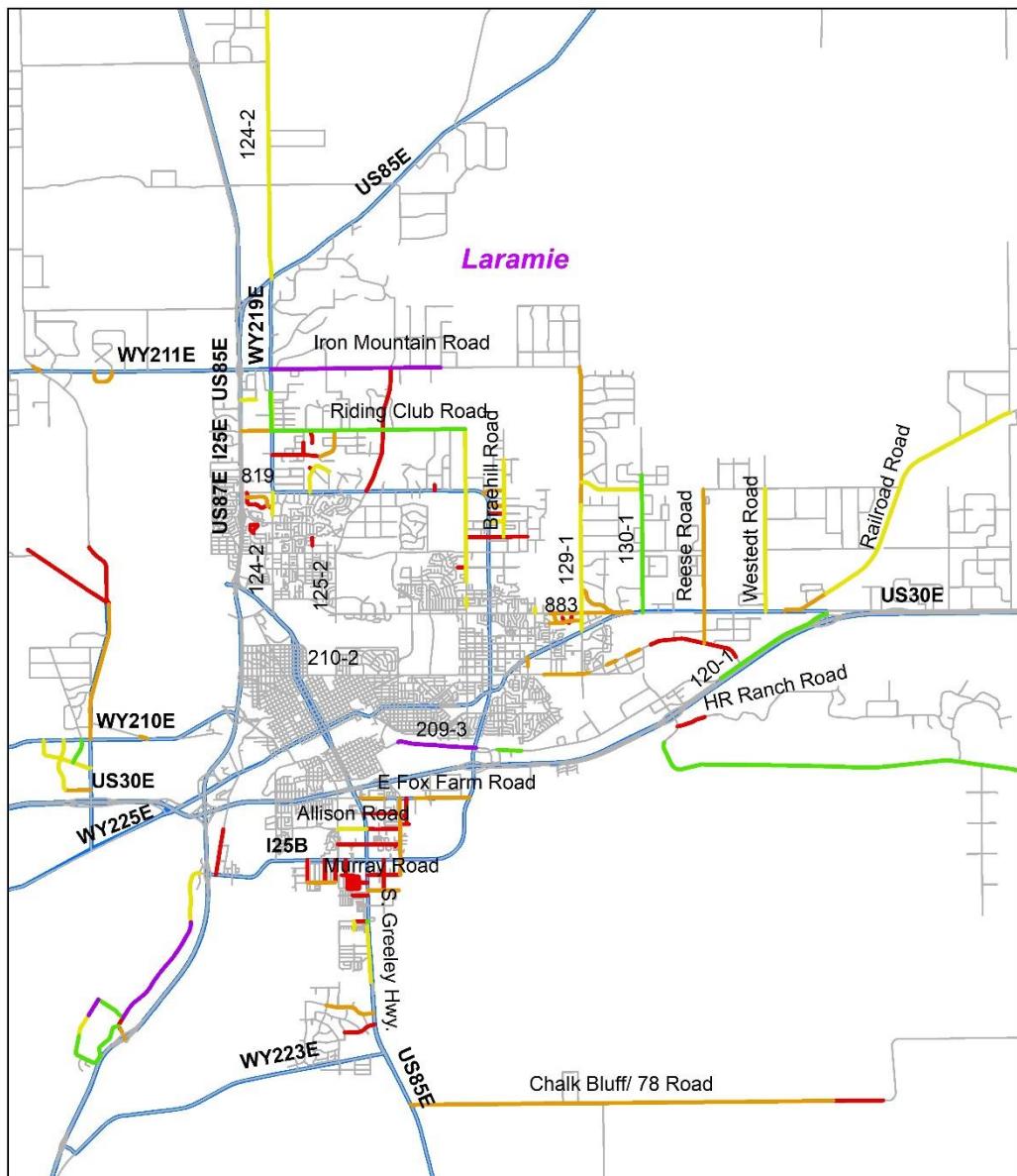
Eastern Side of
the State, 2020

█ Less than 70
█ 131-170

█ 70-100
█ Greater than 170

█ 101-130
█ Missing

Appendix 4.8.2: Roughness in Laramie County vs. Statewide and Eastern Side in 2018 and 2020.

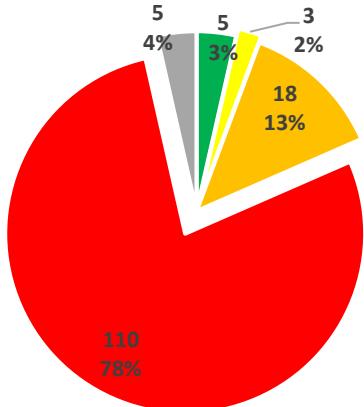


Appendix 4.8.3: Roughness (IRI) in Laramie County.

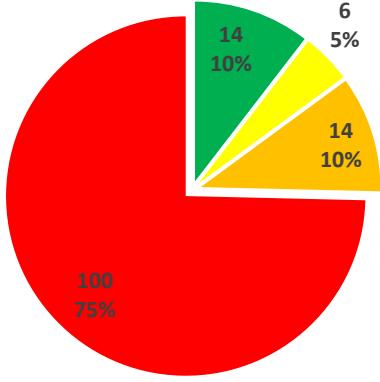
Appendix 4.9: Natrona County

Appendix 4.9.1: Roughness in Natrona County vs. Statewide and Eastern Side in 2018 and 2020.

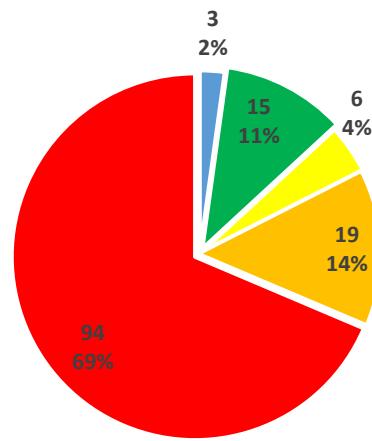
	Natrona County, 2018	Natrona County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Excellent (Less than 70)	0 (0%)	3 (2%)	89 (8%)	87 (8%)	121 (5%)
Good (70 – 100)	14 (10%)	15 (11%)	201 (17%)	219 (19%)	346 (14%)
Fair (101 – 130)	6 (5%)	6 (4%)	185 (16%)	208 (19%)	248 (10%)
Poor (131 – 170)	14 (10%)	19 (14%)	205 (18%)	188 (17%)	386 (16%)
Very Poor (Greater than 170)	100 (75%)	94 (69%)	458 (39%)	421 (37%)	1,248 (51%)
Missing	0 (0%)	0 (0%)	20 (2%)	0 (0%)	95 (4%)
Total	134 (100%)	136 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



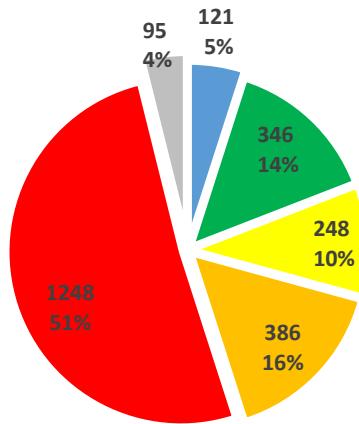
Natrona County,
2014



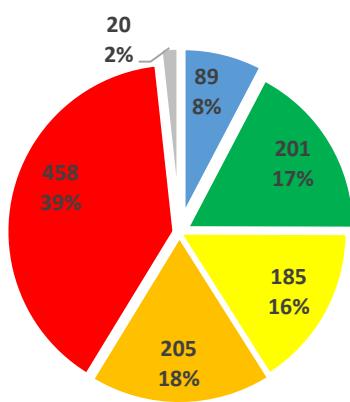
Natrona County,
2018



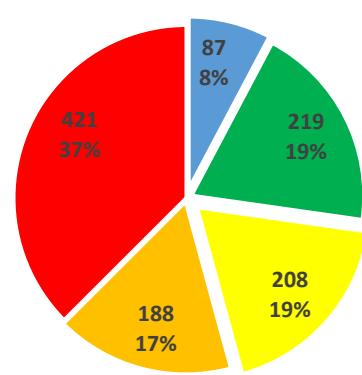
Natrona County,
2020



Statewide, 2014



Eastern Side of
the State, 2018



Eastern Side of
the State, 2020

█ Less than 70

█ 70-100

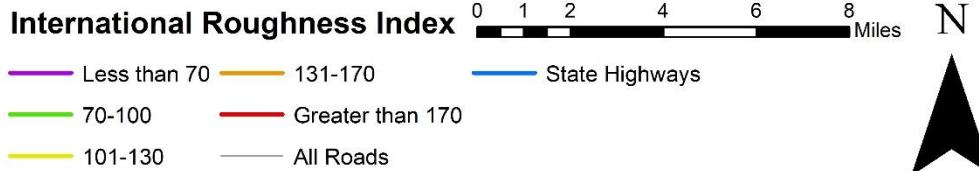
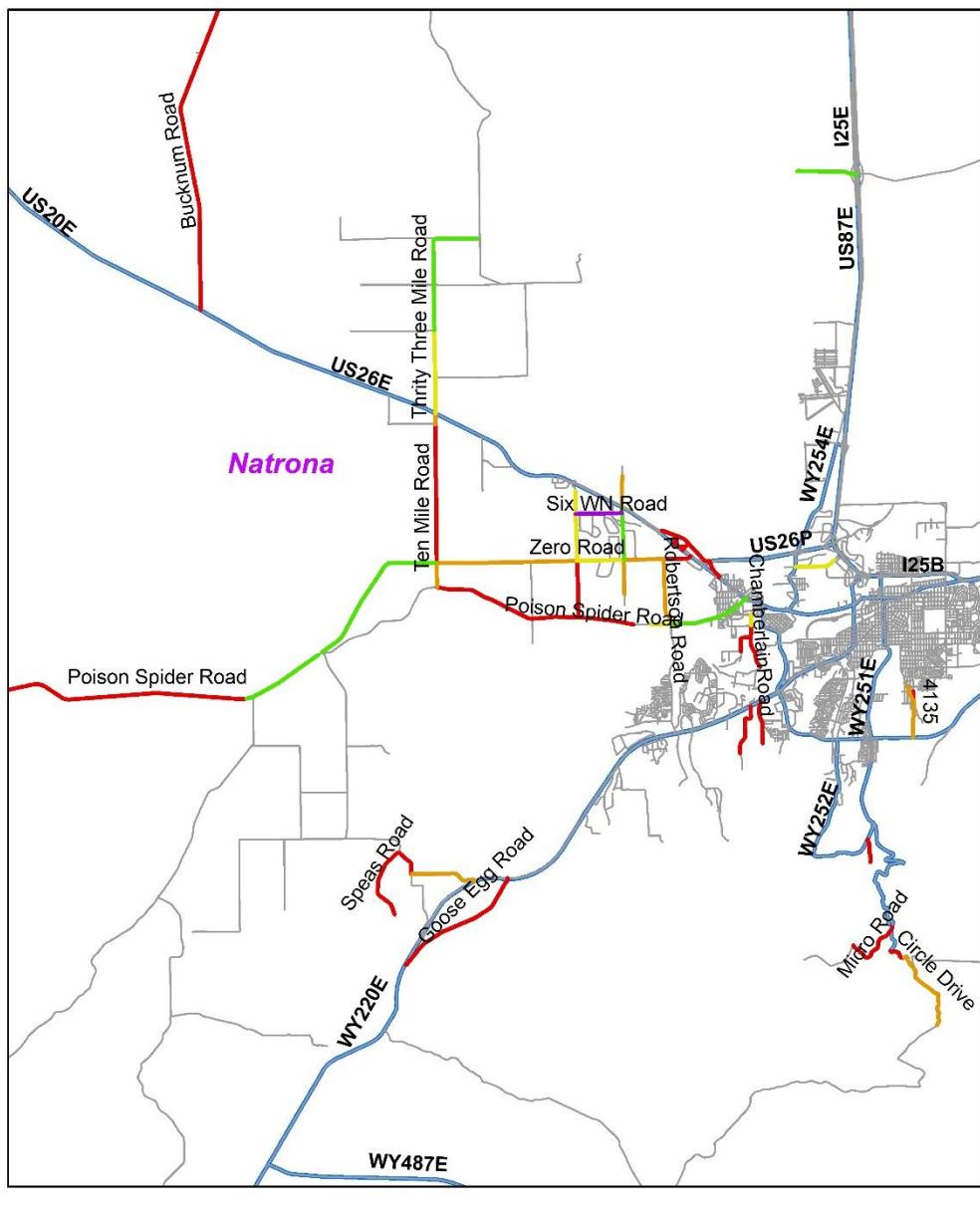
█ 101-130

█ 131-170

█ Greater than 170

█ Missing

Appendix 4.9.2 Roughness in Natrona County vs. Statewide and Eastern Side in 2018 and 2020.

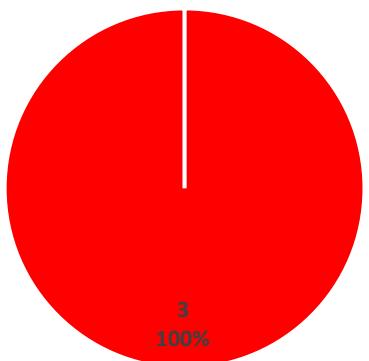


Appendix 4.9.3: Roughness (IRI) in Natrona County.

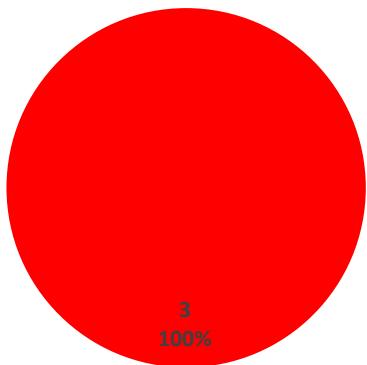
Appendix 4.10: Niobrara County

Appendix 4.10.1: Roughness in Niobrara County vs. Statewide and Eastern Side in 2018 and 2020.

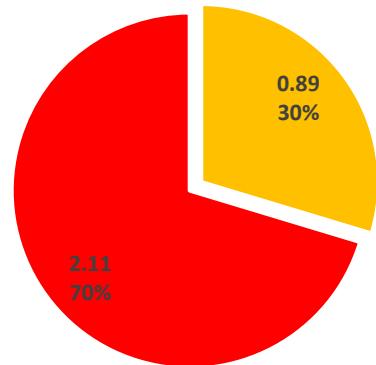
	Niobrara County, 2018	Niobrara County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Excellent (Less than 70)	0 (0%)	0 (0%)	89 (8%)	87 (8%)	121 (5%)
Good (70 – 100)	0 (0%)	0 (0%)	201 (17%)	219 (19%)	346 (14%)
Fair (101 – 130)	0 (0%)	0 (0%)	185 (16%)	208 (19%)	248 (10%)
Poor (131 – 170)	0 (0%)	0.89 (30%)	205 (18%)	188 (17%)	386 (16%)
Very Poor (Greater than 170)	3 (100%)	2.11 (70%)	458 (39%)	421 (37%)	1,248 (51%)
Missing	0 (0%)	0 (0%)	20 (2%)	0 (0%)	95 (4%)
Total	3 (100%)	3 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



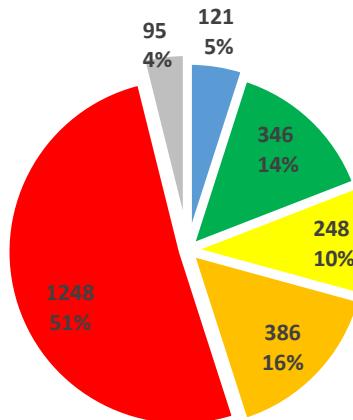
Niobrara County,
2014



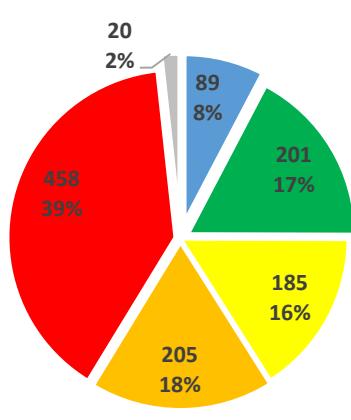
Niobrara County,
2018



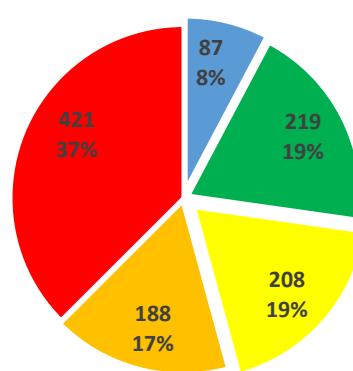
Niobrara County,
2020



Statewide, 2014



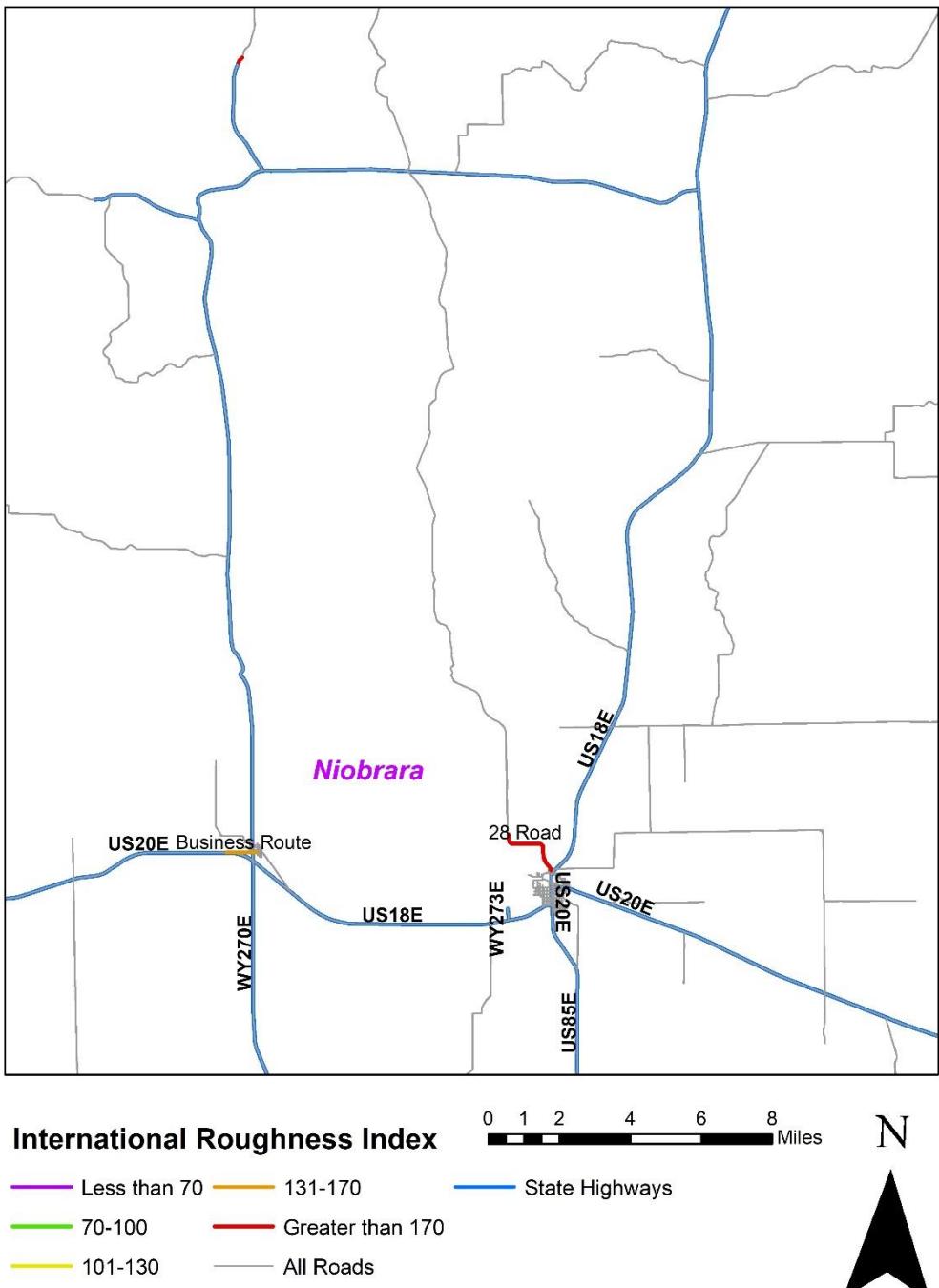
Eastern Side of
the State, 2018



Eastern Side of
the State, 2020

- █ Less than 70
- █ 70-100
- █ 101-130
- █ 131-170
- █ Greater than 170
- █ Missing

Appendix 4.10.2: Roughness in Niobrara County vs. Statewide and Eastern Side in 2018 and 2020.

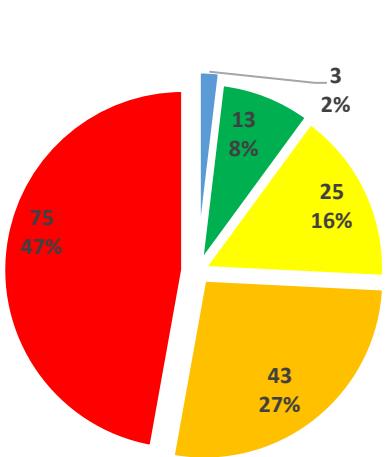


Appendix 4.10.3: Roughness (IRI) in Niobrara County.

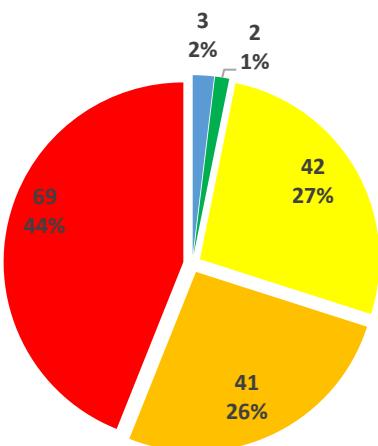
Appendix 4.11: Platte County

Appendix 4.11.1: Roughness in Platte County vs. Statewide and Eastern Side in 2018 and 2020.

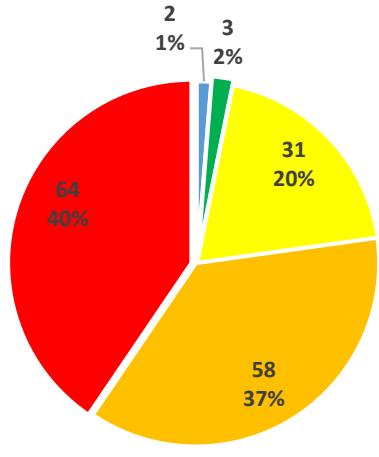
	Platte County, 2018	Platte County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Excellent (Less than 70)	3 (2%)	2 (1%)	89 (8%)	87 (8%)	121 (5%)
Good (70 – 100)	2 (1%)	3 (2%)	201 (17%)	219 (19%)	346 (14%)
Fair (101 – 130)	42 (27%)	31 (20%)	185 (16%)	208 (19%)	248 (10%)
Poor (131 – 170)	41 (26%)	58 (37%)	205 (18%)	188 (17%)	386 (16%)
Very Poor (Greater than 170)	69 (44%)	64 (40%)	458 (39%)	421 (37%)	1,248 (51%)
Missing	0 (0%)	0 (0%)	20 (2%)	0 (0%)	95 (4%)
Total	158 (100%)	158 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



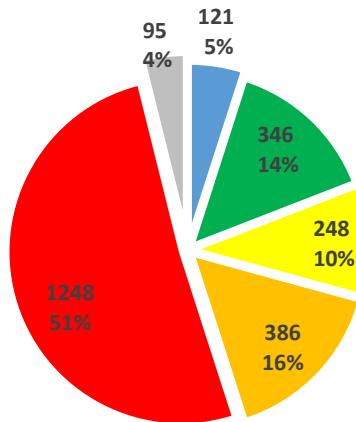
Platte County,
2014



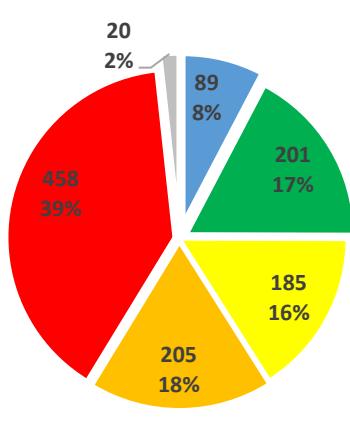
Platte County,
2018



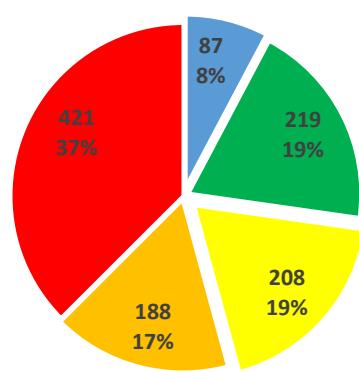
Platte County,
2020



Statewide, 2014



Eastern Side of
the State, 2018



Eastern Side of
the State, 2020

█ Less than 70

█ 70-100

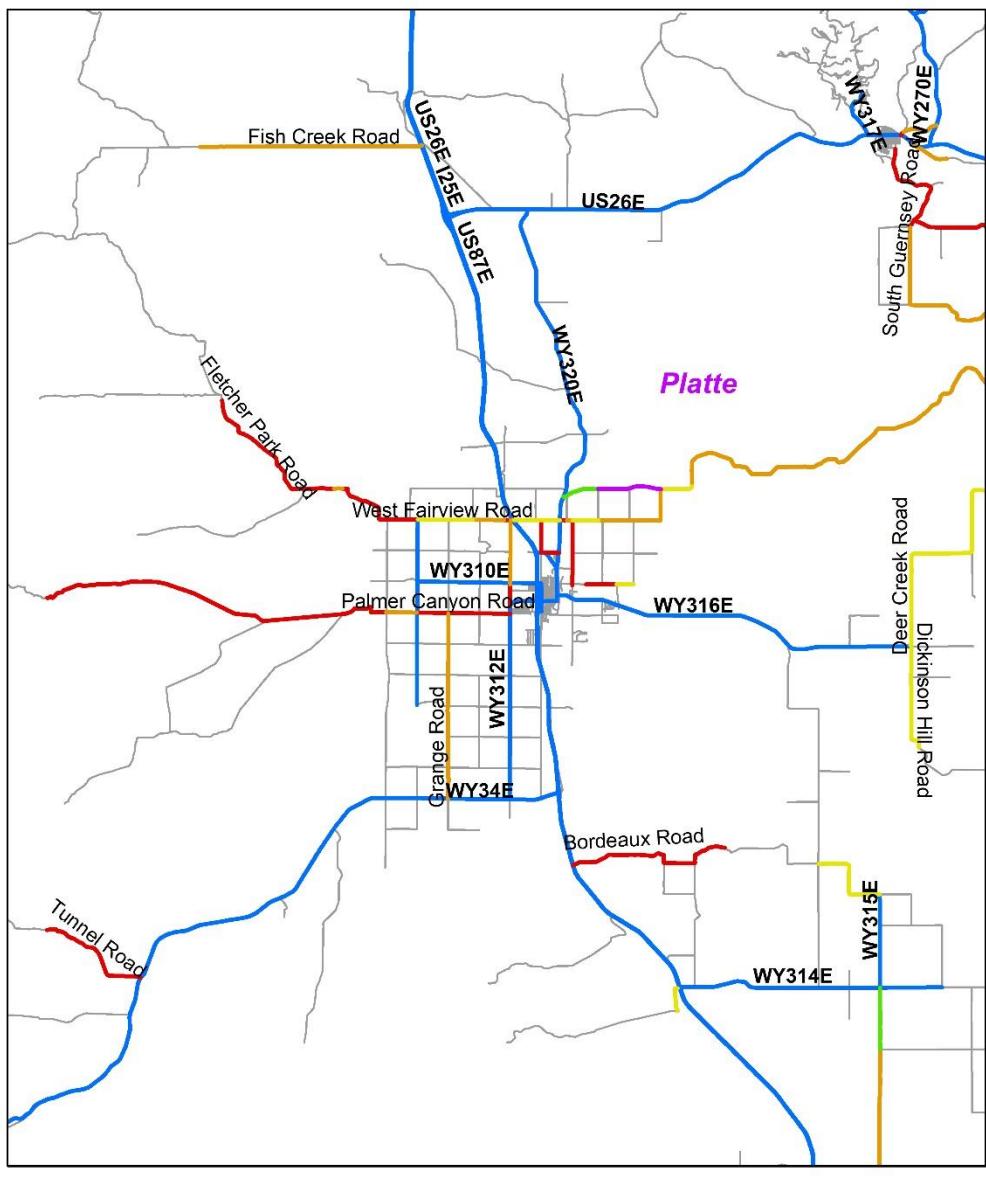
█ 101-130

█ 131-170

█ Greater than 170

█ Missing

Appendix 4.11.2: Roughness in Platte County vs. Statewide and Eastern Side in 2018 and 2020.



International Roughness Index

- | | | | | | |
|--------------|--------|---------|---------|------------------|-----------|
| Less than 70 | 70-100 | 101-130 | 131-170 | Greater than 170 | All Roads |
| — | — | — | — | — | — |
- State Highways

0 1.25 2.5 5 7.5 10 Miles

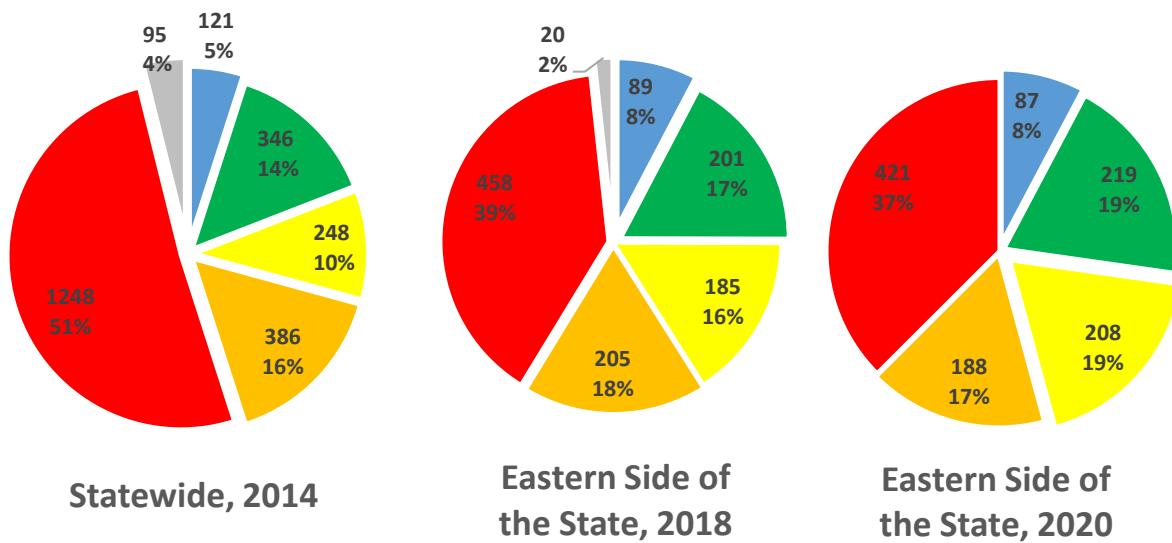
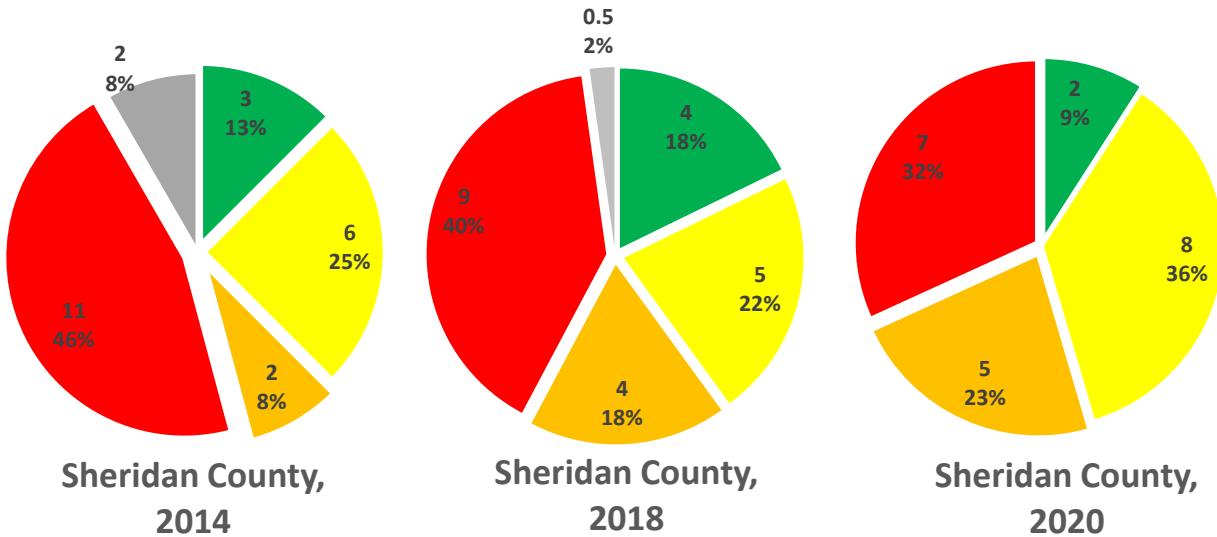


Appendix 4.11.3: Roughness (IRI) in Platte County.

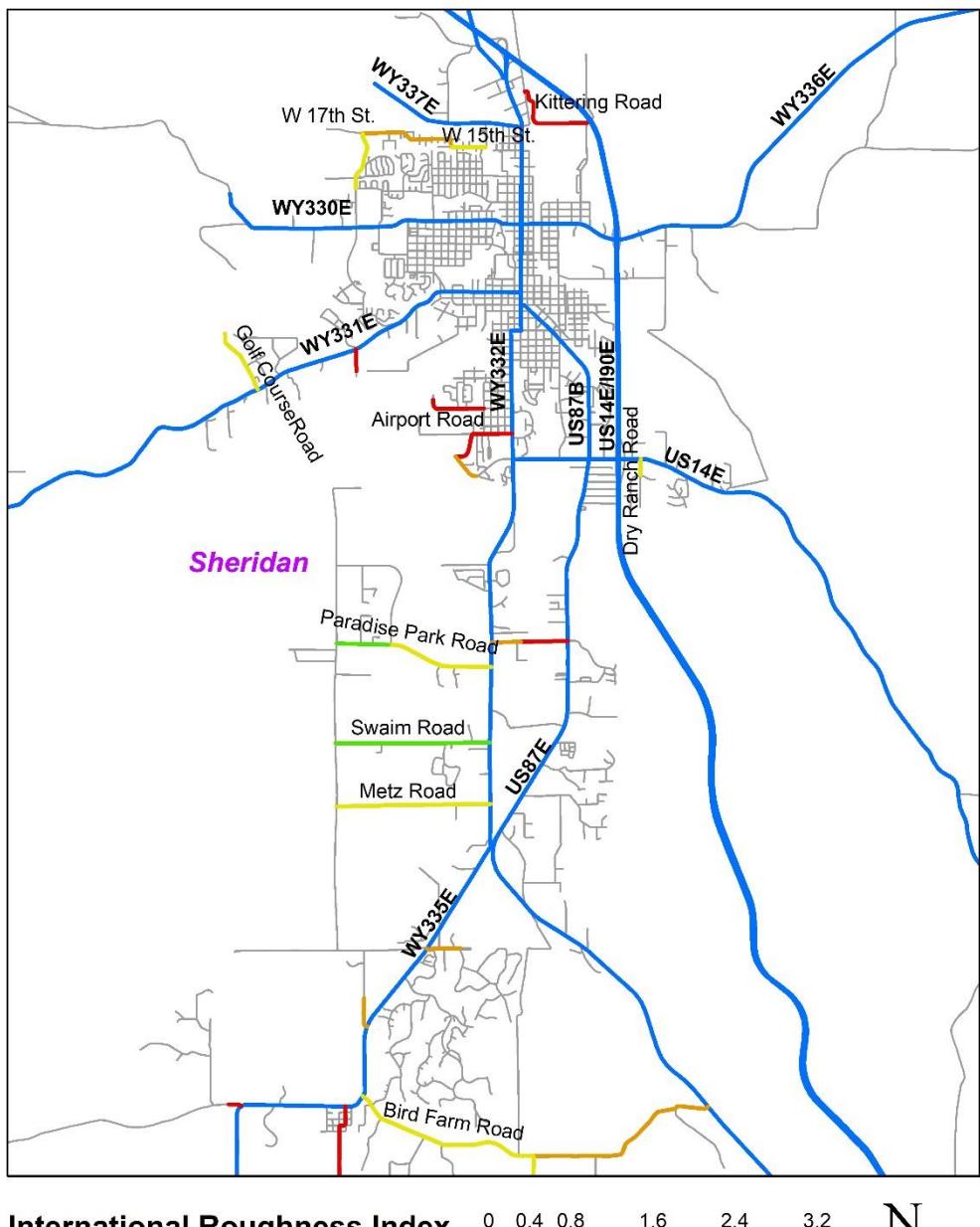
Appendix 4.12: Sheridan County

Appendix 4.12.1: Roughness in Sheridan County vs. Statewide and Eastern Side in 2018 and 2020.

	Sheridan County, 2018	Sheridan County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Excellent (Less than 70)	0 (0%)	0 (0%)	89 (8%)	87 (8%)	121 (5%)
Good (70 – 100)	4 (17%)	2 (9%)	201 (17%)	219 (19%)	346 (14%)
Fair (101 – 130)	5 (23%)	8 (36%)	185 (16%)	208 (19%)	248 (10%)
Poor (131 – 170)	4 (17%)	5 (23%)	205 (18%)	188 (17%)	386 (16%)
Very Poor (Greater than 170)	9 (41%)	7 (32%)	458 (39%)	421 (37%)	1,248 (51%)
Missing	0.5 (2%)	0 (0%)	20 (2%)	0 (0%)	95 (4%)
Total	22 (100%)	21 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



Appendix 4.12.2: Roughness in Sheridan County vs. Statewide and Eastern Side in 2018 and 2020.

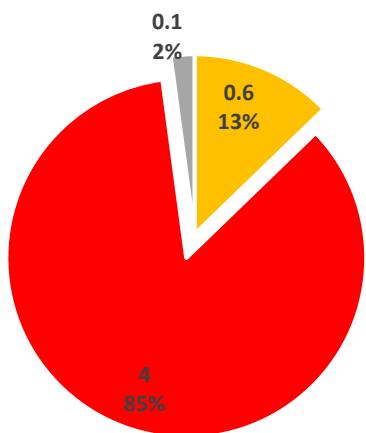


Appendix 4.12.3: Roughness (IRI) in Sheridan County.

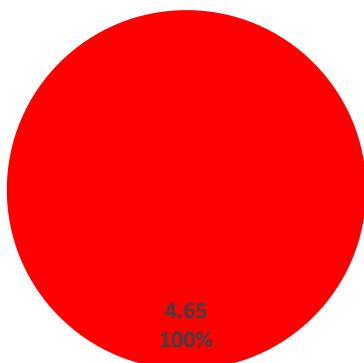
Appendix 4.13: Weston County

Appendix 4.13.1: Roughness in Weston County vs. Statewide and Eastern Side in 2018 and 2020.

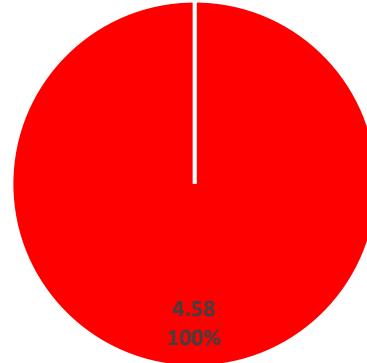
	Weston County, 2018	Weston County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Excellent (Less than 70)	0 (0%)	0 (0%)	89 (8%)	87 (8%)	121 (5%)
Good (70 – 100)	0 (0%)	0 (0%)	201 (17%)	219 (19%)	346 (14%)
Fair (101 – 130)	8 (0%)	0 (0%)	185 (16%)	208 (19%)	248 (10%)
Poor (131 – 170)	(0%)	0 (0%)	205 (18%)	188 (17%)	386 (16%)
Very Poor (Greater than 170)	4.65 (100%)	4.58 (5%)	458 (39%)	421 (37%)	1,248 (51%)
Missing	0 (0%)	0 (0%)	20 (2%)	0 (0%)	95 (4%)
Total	4.65 (100%)	4.58 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



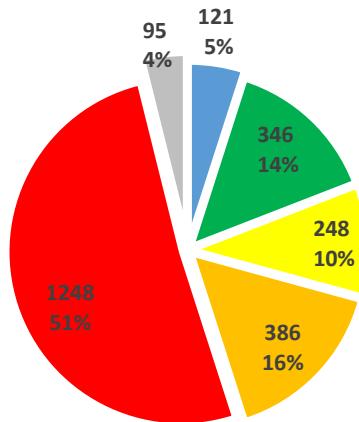
Weston County,
2014



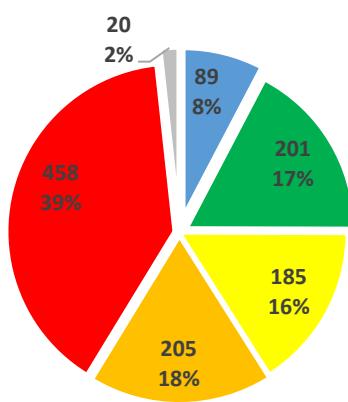
Weston County,
2018



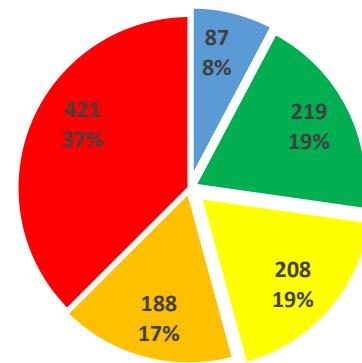
Weston County,
2020



Statewide, 2014



Eastern Side of
the State, 2018



Eastern Side of
the State, 2020

█ Less than 70

█ 70-100

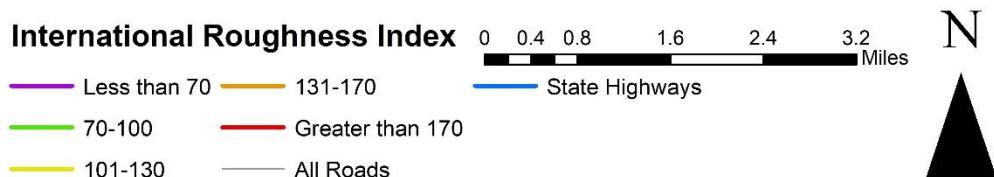
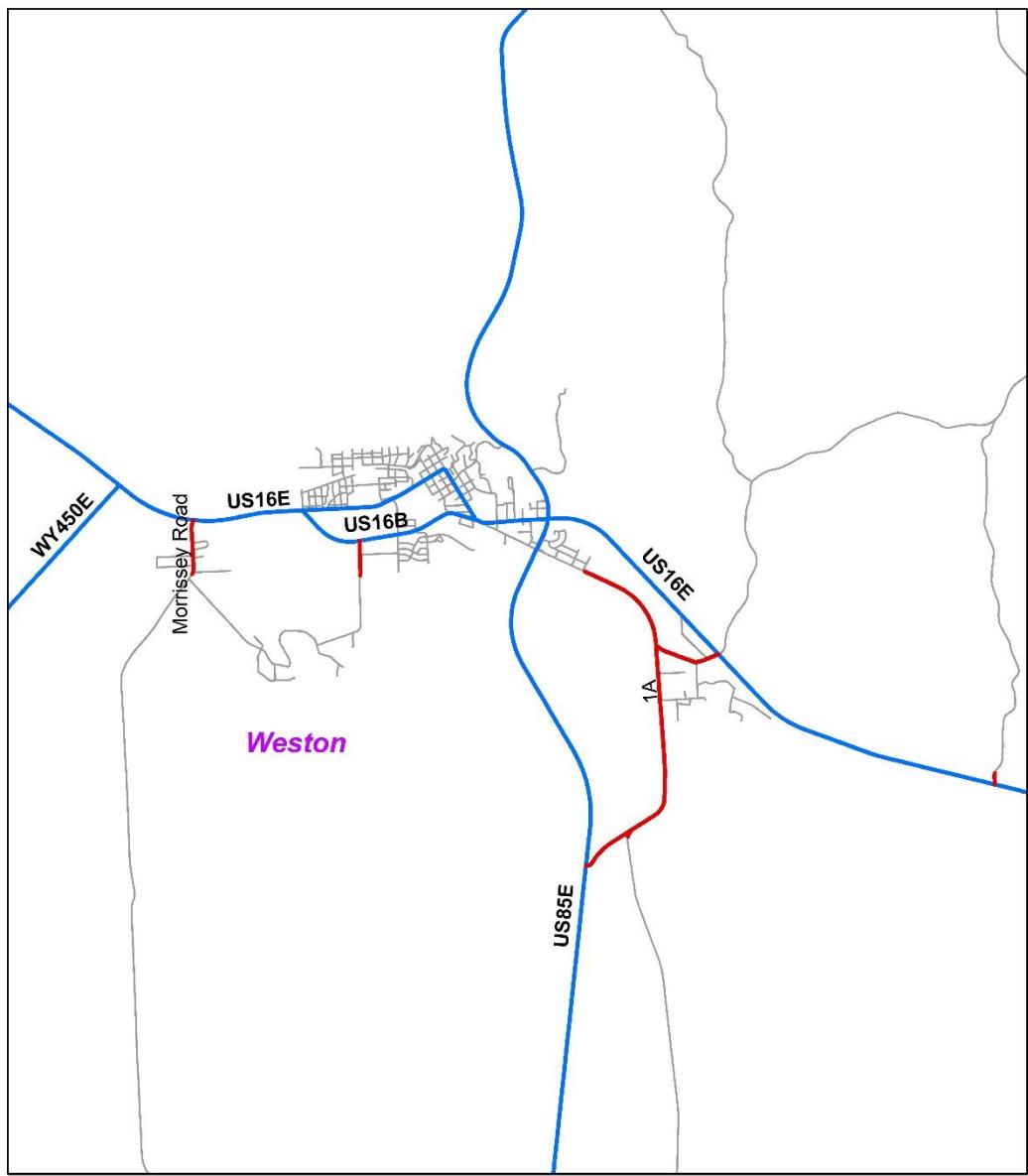
█ 101-130

█ 131-170

█ Greater than 170

█ Missing

Appendix 4.13.2: Roughness in Weston County vs. Statewide and Eastern Side in 2018 and 2020.



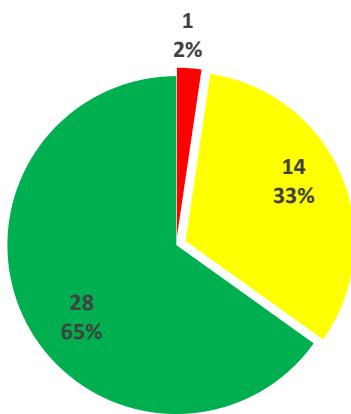
Appendix 4.13.3: Roughness (IRI) in Weston County.

APPENDIX 5: PAVEMENT CONDITION INDEX (PCI) SUMMARIES

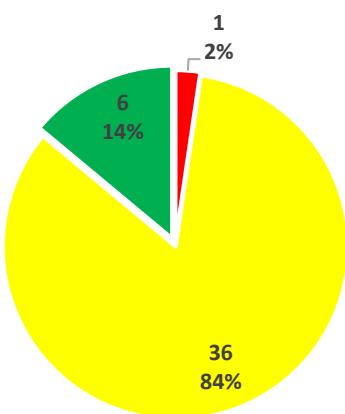
Appendix 5.1: Albany County

Appendix 5.1.1: PCI in Albany County vs. Statewide and Eastern Side in 2018 and 2020.

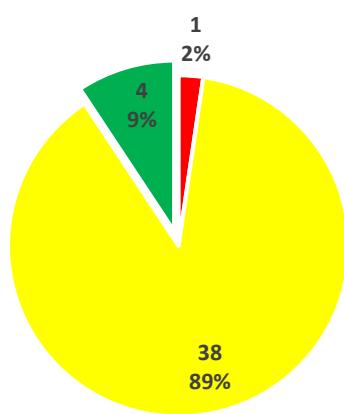
	Albany County, 2018	Albany County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Less than 70	1 (2%)	1 (2%)	388 (33%)	508 (45%)	479 (20%)
70 - 85	36 (84%)	38 (89%)	706 (61%)	586 (52%)	601 (25%)
Greater than 85	6 (14%)	4 (9%)	45 (4%)	30 (3%)	1,259 (52%)
Missing	0 (0%)	0 (0%)	20 (2%)	0 (0%)	106 (4%)
Total	43 (100%)	42 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



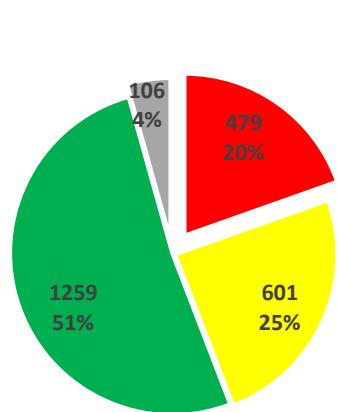
Albany County,
2014



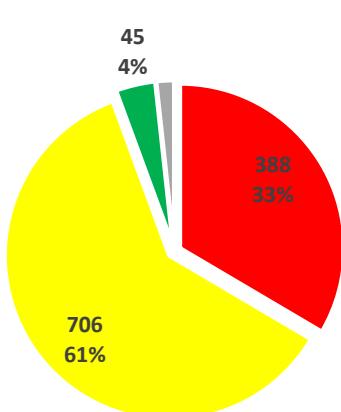
Albany County,
2018



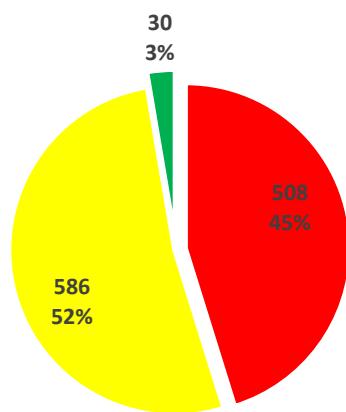
Albany County,
2020



Statewide, 2014



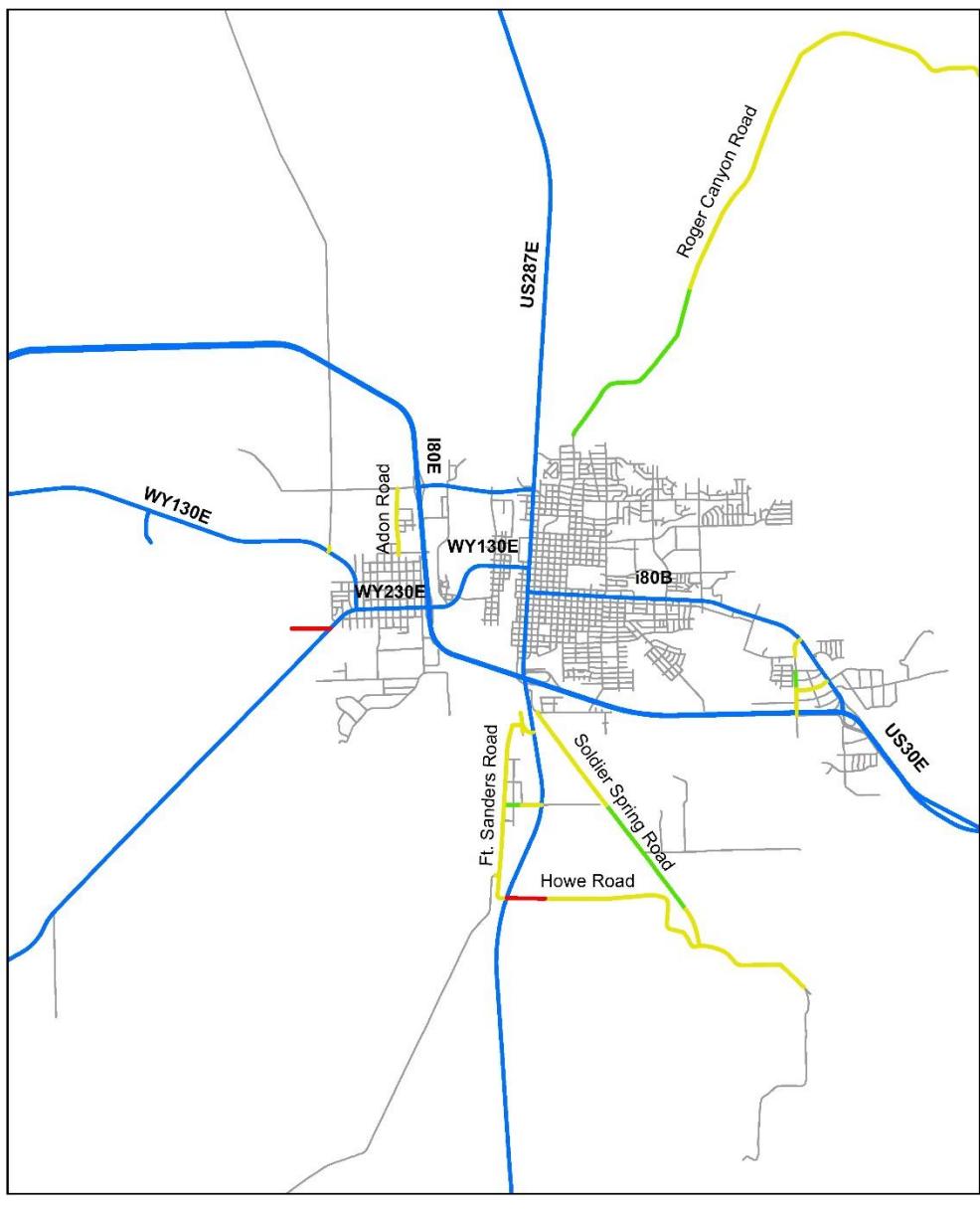
Eastern side of
the State, 2018



Eastern side of the
State, 2020

■ Less Than 70 ■ 70-85 ■ Greater than 85 ■ Missing

Appendix 5.1.2: PCI in Albany County vs. Statewide and Eastern Side in 2018 and 2020.



Pavement Condition Index

0 0.5 1 2 3 4 Miles

N

- Less Than 70 — Greater than 85 — All Roads
- 70-85 — State Highways

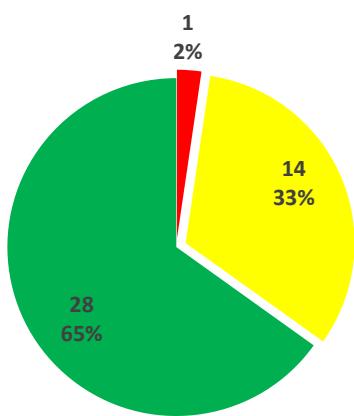


Appendix 5.1.3: Pavement Condition Index (PCI) in Albany County.

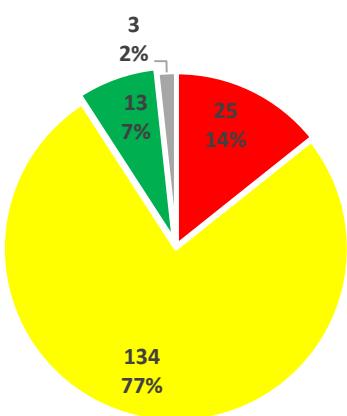
Appendix 5.2: Campbell County

Appendix 5.2.1: PCI in Campbell County vs. Statewide and Eastern Side in 2018 and 2020.

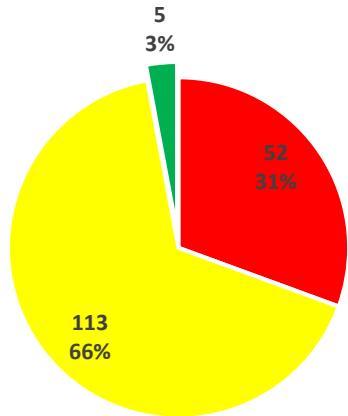
	Campbell County, 2018	Campbell County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Less than 70	25 (14%)	52 (31%)	388 (33%)	508 (45%)	479 (20%)
70 - 85	134 (77%)	113 (66%)	706 (61%)	586 (52%)	601 (25%)
Greater than 85	13 (7%)	5 (3%)	45 (4%)	30 (3%)	1,259 (52%)
Missing	3 (2%)	0 (0%)	20 (2%)	0 (0%)	106 (4%)
Total	175 (100%)	171 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



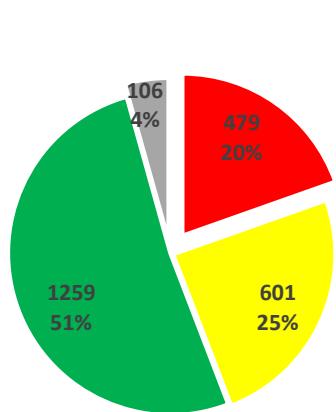
Campbell County,
2014



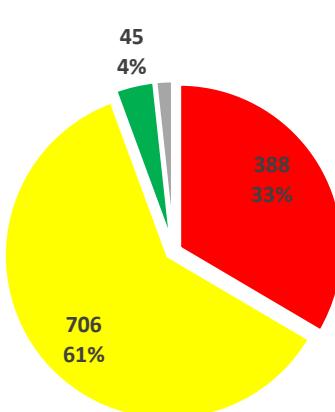
Campbell County,
2018



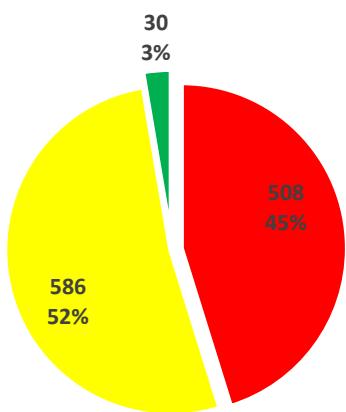
Campbell County,
2020



Statewide, 2014



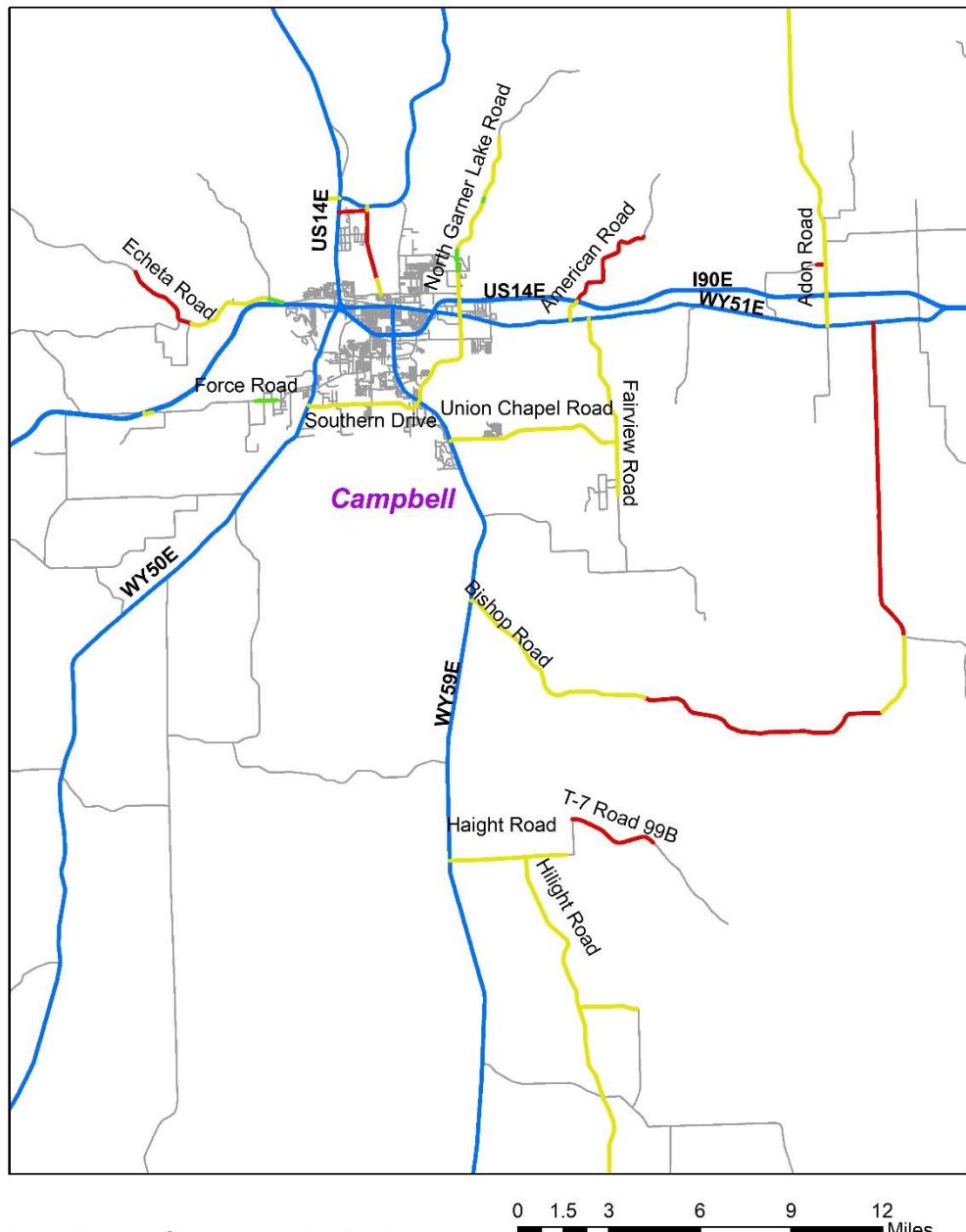
Eastern side of
the State, 2018



Eastern side of the
State, 2020

■ Less Than 70 ■ 70-85 ■ Greater than 85 ■ Missing

Appendix 5.2.2: PCI in Campbell County vs. Statewide and Eastern Side in 2018 and 2020.



Pavement Condition Index

- | | | |
|----------------|-------------------|-------------|
| — Less than 70 | — Greater than 85 | — All Roads |
| — 70-85 | — State Highways | |

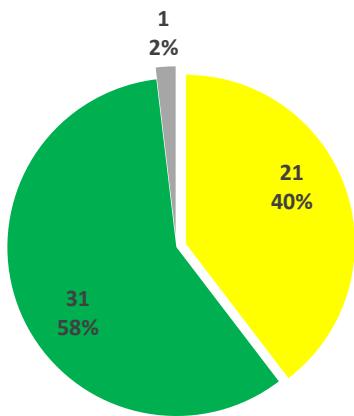


Appendix 5.2.3: Pavement Condition Index (PCI) in Campbell County.

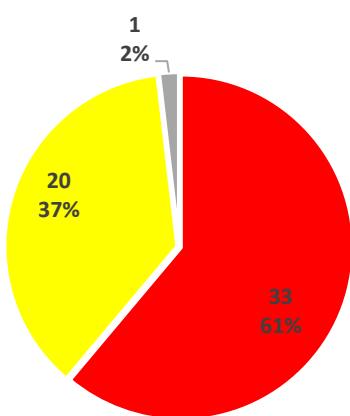
Appendix 5.3: Carbon County

Appendix 5.3.1: PCI in Carbon County vs. Statewide and Eastern Side in 2018 and 2020.

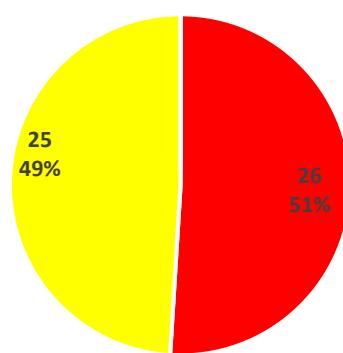
	Carbon County, 2018	Carbon County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Less than 70	33 (61%)	26 (50%)	388 (33%)	508 (45%)	479 (20%)
70 - 85	20 (37%)	25 (50%)	706 (61%)	586 (52%)	601 (25%)
Greater than 85	0 (0%)	0 (0%)	45 (4%)	30 (3%)	1,259 (52%)
Missing	1 (2%)	0 (0%)	20 (2%)	0 (0%)	106 (4%)
Total	53 (100%)	51 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



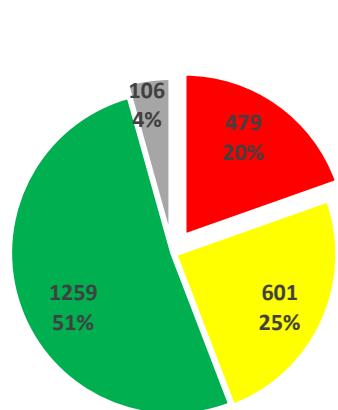
**Carbon County,
2014**



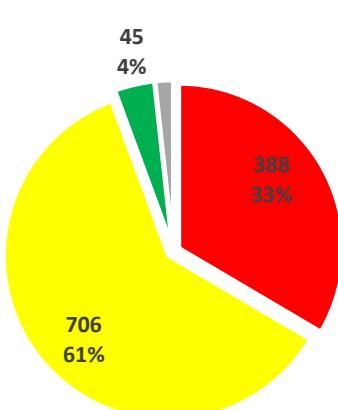
**Carbon County,
2018**



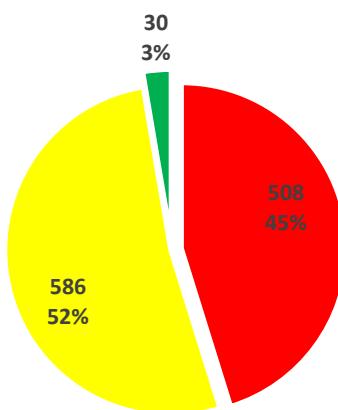
**Carbon County,
2020**



Statewide, 2014



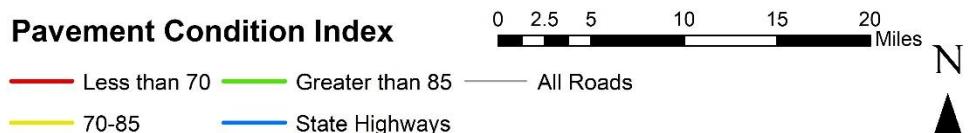
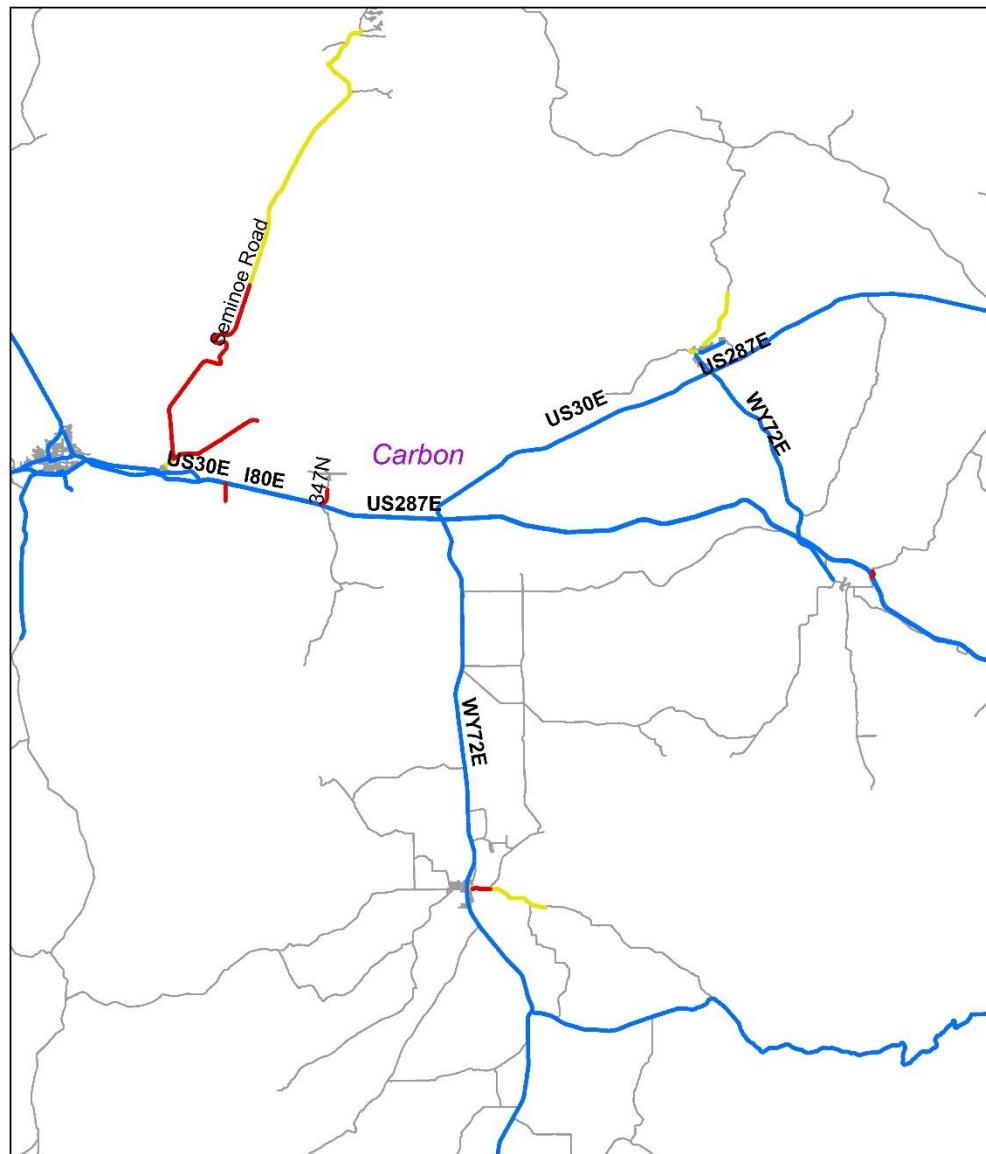
**Eastern side of
the State, 2018**



**Eastern side of the
State, 2020**

■ Less Than 70 ■ 70-85 ■ Greater than 85 ■ Missing

Appendix 5.3.2: PCI in Carbon County vs. Statewide and Eastern Side in 2018 and 2020.

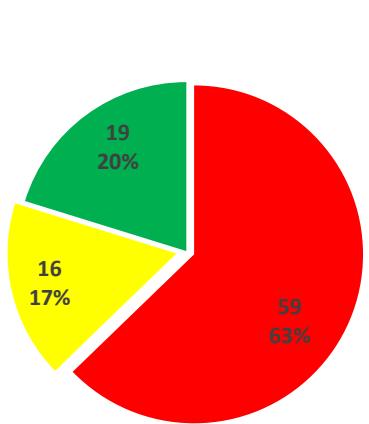


Appendix 5.3.3: Pavement Condition Index (PCI) in Carbon County.

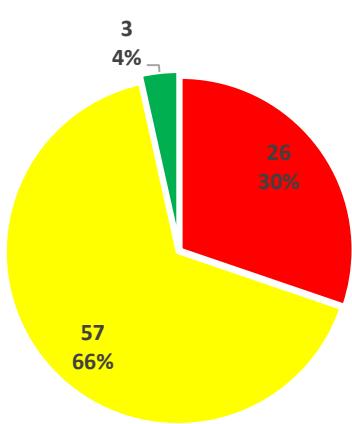
Appendix 5.4: Converse County

Appendix 5.4.1: PCI in Converse County vs. Statewide and Eastern Side in 2018 and 2020.

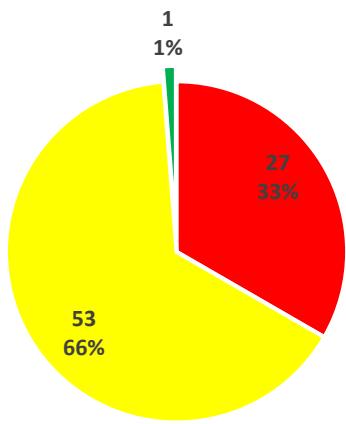
	Converse County, 2018	Converse County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Less than 70	26 (30%)	27 (33%)	388 (33%)	508 (45%)	479 (20%)
70 - 85	57 (66%)	53 (66%)	706 (61%)	586 (52%)	601 (25%)
Greater than 85	3 (4%)	1 (1%)	45 (4%)	30 (3%)	1,259 (52%)
Missing	0 (0%)	0 (0%)	20 (2%)	0 (0%)	106 (4%)
Total	86 (100%)	81 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



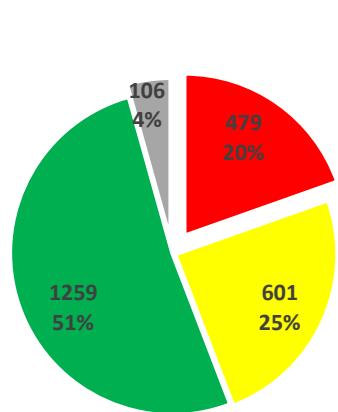
Converse County,
2014



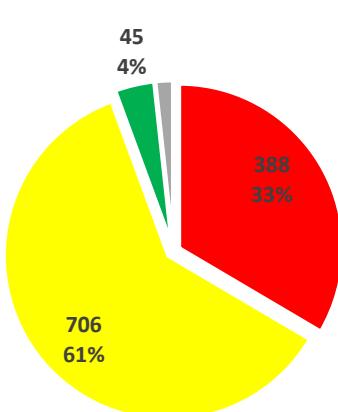
Converse County,
2018



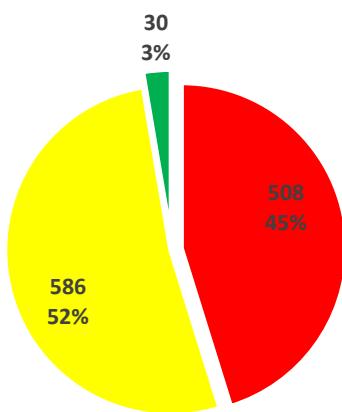
Converse County,
2020



Statewide, 2014



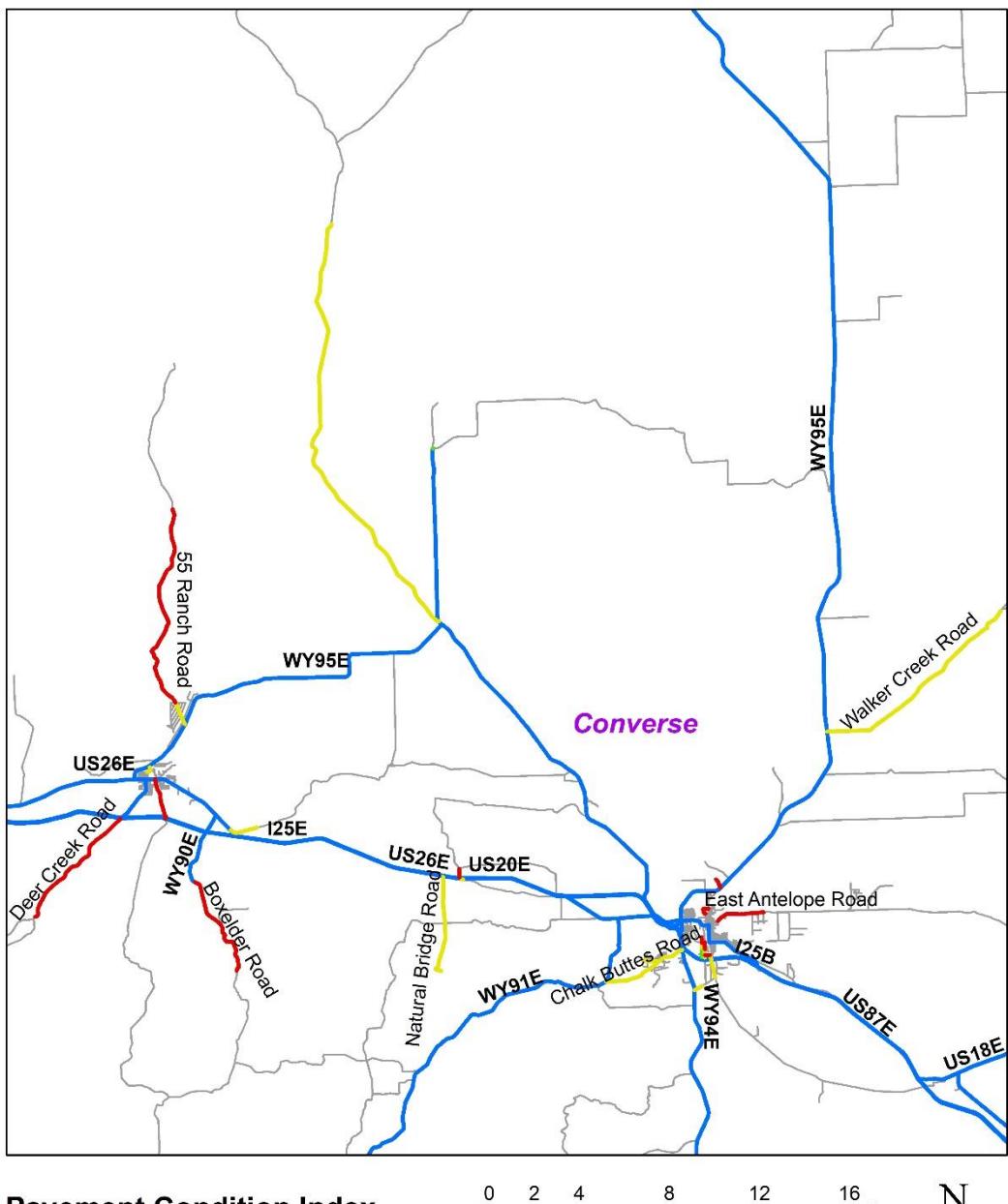
Eastern side of
the State, 2018



Eastern side of the
State, 2020

■ Less Than 70 ■ 70-85 ■ Greater than 85 ■ Missing

Appendix 5.4.2: PCI in Converse County vs. Statewide and Eastern Side in 2018 and 2020.

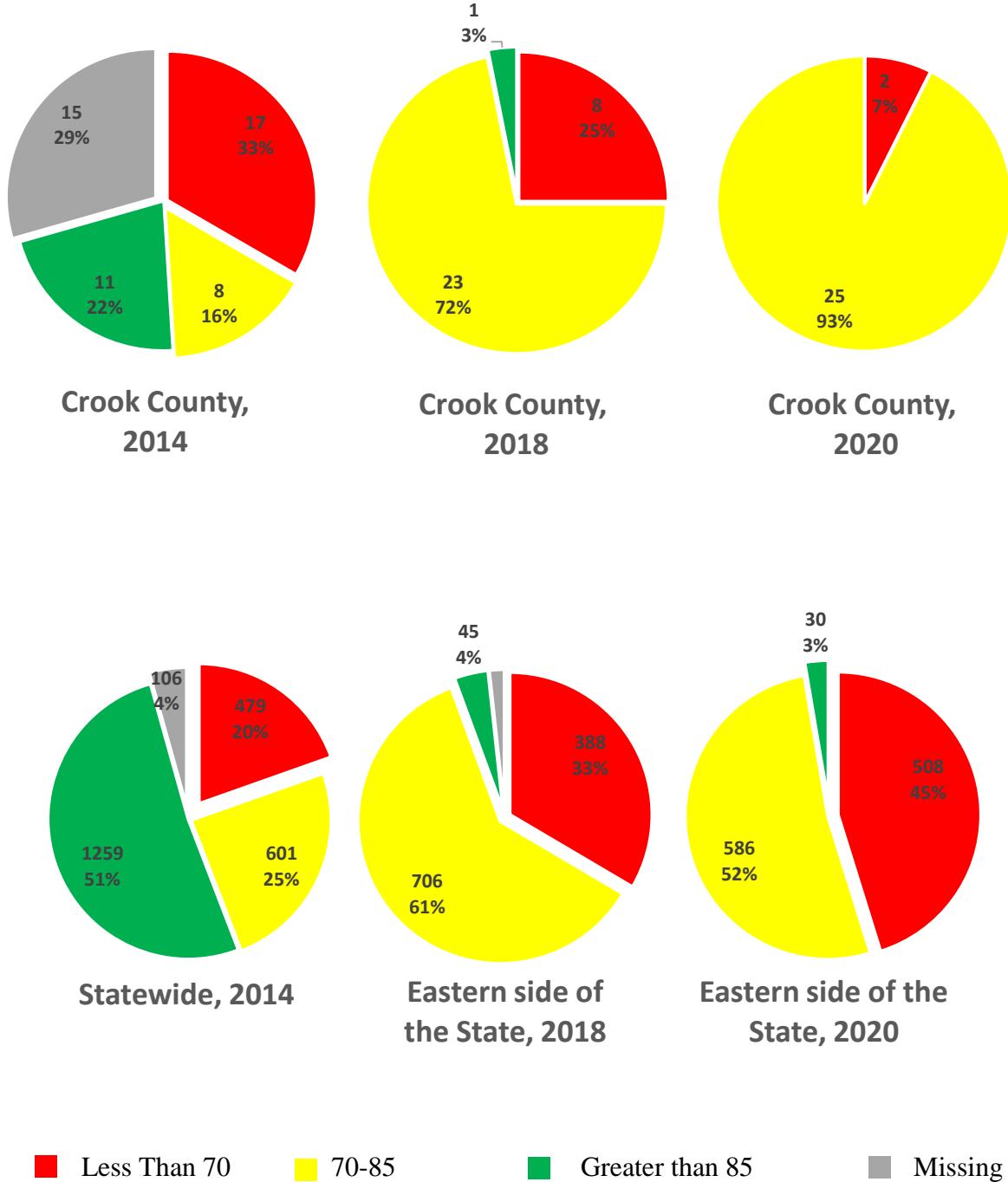


Appendix 5.4.3: Pavement Condition Index (PCI) in Converse County.

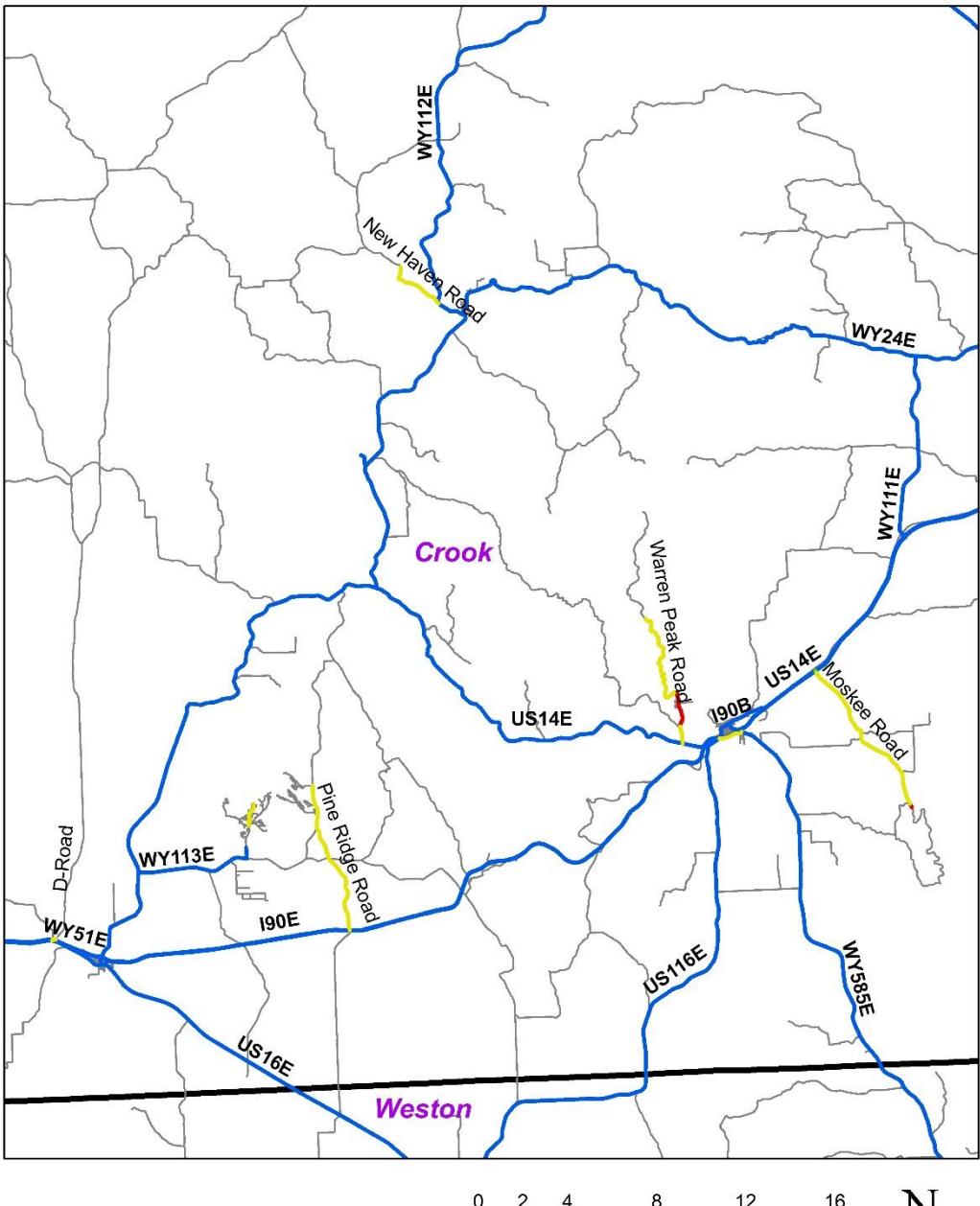
Appendix 5.5: Crook County

Appendix 5.5.1: PCI in Crook County vs. Statewide and Eastern Side in 2018 and 2020.

	Crook County, 2018	Crook County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Less than 70	8 (25%)	2 (7%)	388 (33%)	508 (45%)	479 (20%)
70 - 85	23 (72%)	25 (93%)	706 (61%)	586 (52%)	601 (25%)
Greater than 85	1 (3%)	0.1 (0%)	45 (4%)	30 (3%)	1,259 (52%)
Missing	0 (0%)	0 (0%)	20 (2%)	0 (0%)	106 (4%)
Total	31 (100%)	27 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



Appendix 5.5.2: PCI in Crook County vs. Statewide and Eastern Side in 2018 and 2020.



Pavement Condition Index

- | | |
|-----------------|----------------|
| Less than 70 | State Highways |
| 70-85 | All Roads |
| Greater than 85 | |

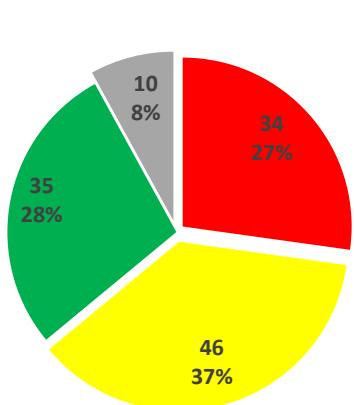


Appendix 5.5.3: Pavement Condition Index (PCI) in Crook County.

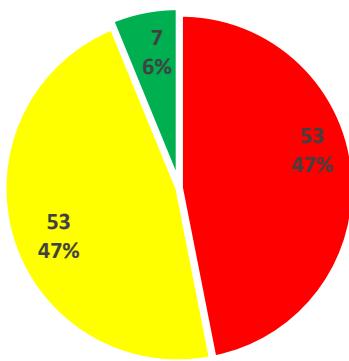
Appendix 5.6: Goshen County

Appendix 5.6.1: PCI in Goshen County vs. Statewide and Eastern Side in 2018 and 2020.

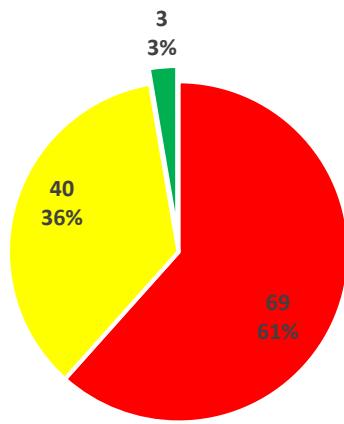
	Goshen County, 2018	Goshen County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Less than 70	53 (47%)	69 (61%)	388 (33%)	508 (45%)	479 (20%)
70 - 85	53 (47%)	40 (36%)	706 (61%)	586 (52%)	601 (25%)
Greater than 85	7 (6%)	3 (3%)	45 (4%)	30 (3%)	1,259 (52%)
Missing	0 (%)	0 (0%)	20 (2%)	0 (0%)	106 (4%)
Total	113 (100%)	112 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



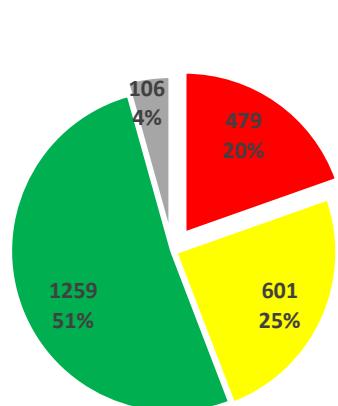
Goshen County,
2014



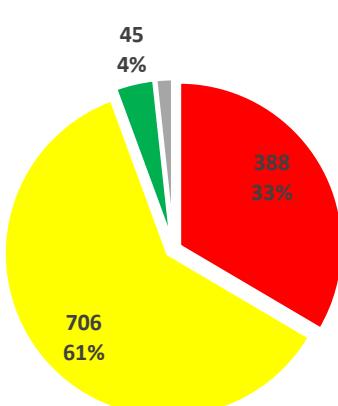
Goshen County,
2018



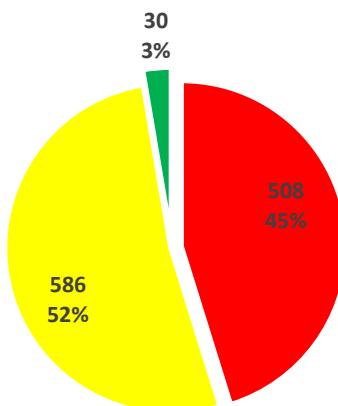
Goshen County,
2020



Statewide, 2014



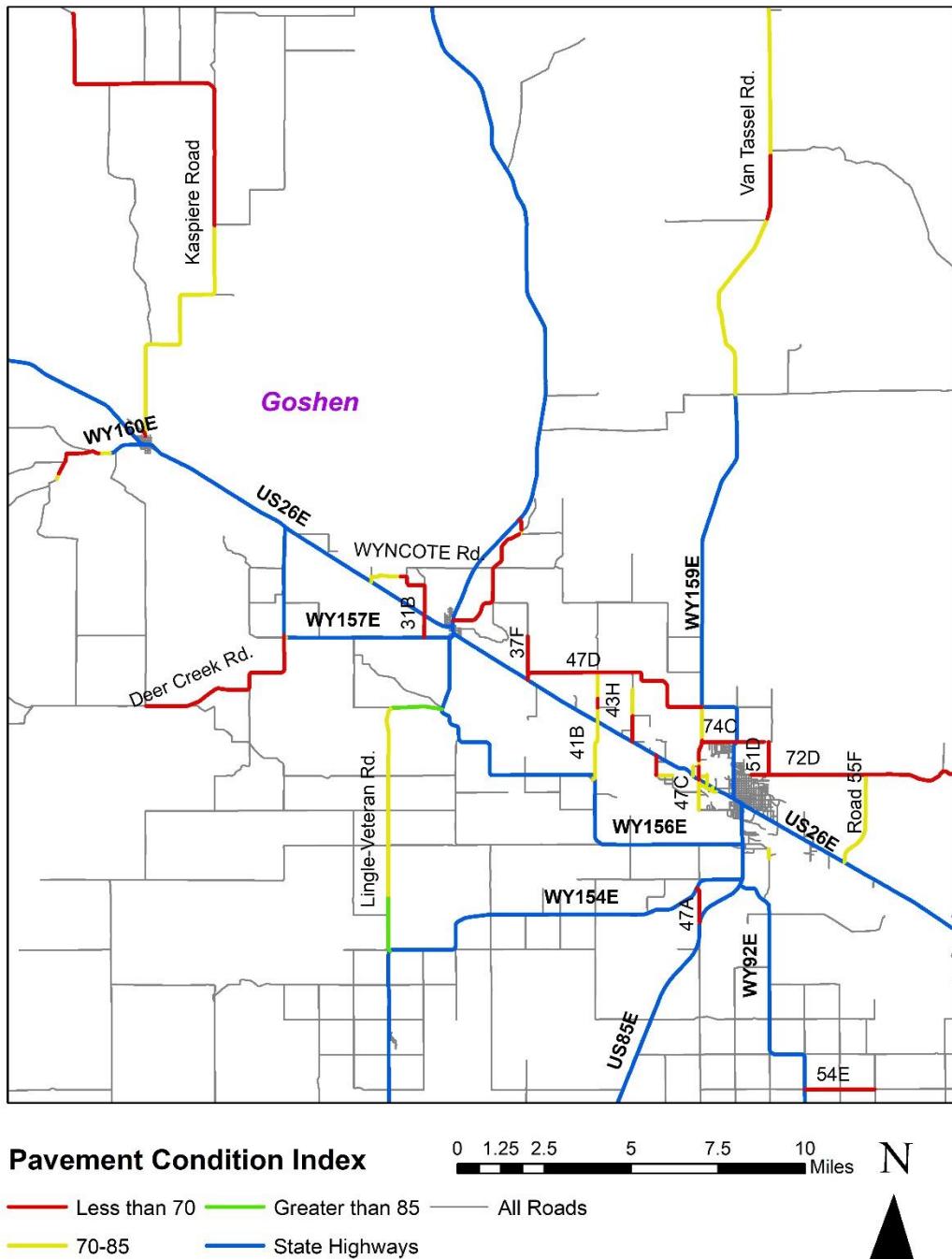
Eastern side of
the State, 2018



Eastern side of the
State, 2020

■ Less Than 70 ■ 70-85 ■ Greater than 85 ■ Missing

Appendix 5.6.2: PCI in Goshen County vs. Statewide and Eastern Side in 2018 and 2020.

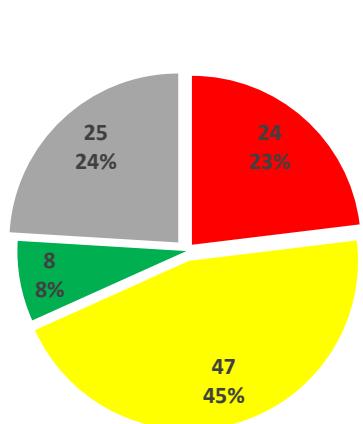


Appendix 5.6.3: Pavement Condition Index (PCI) In Goshen County.

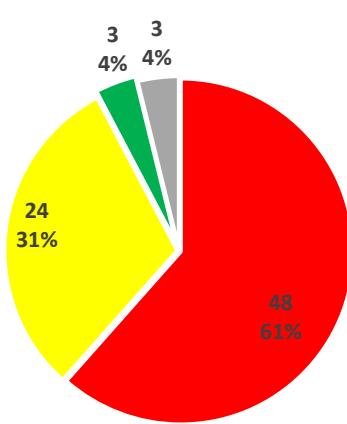
Appendix 5.7: Johnson County

Appendix 5.7.1: PCI in Johnson County vs. Statewide and Eastern Side in 2018 and 2020.

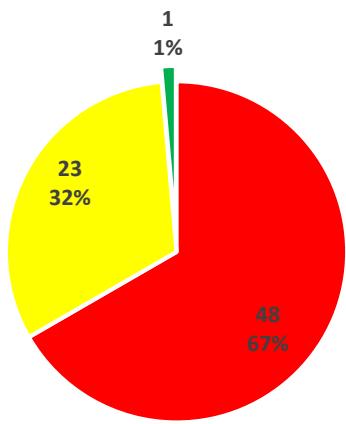
	Johnson County, 2018	Johnson County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Less than 70	48 (61%)	48 (67%)	388 (33%)	508 (45%)	479 (20%)
70 - 85	24 (31%)	23 (32%)	706 (61%)	586 (52%)	601 (25%)
Greater than 85	3 (4%)	1 (1%)	45 (4%)	30 (3%)	1,259 (52%)
Missing	3 (4%)	0 (0%)	20 (2%)	0 (0%)	106 (4%)
Total	78 (100%)	71 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



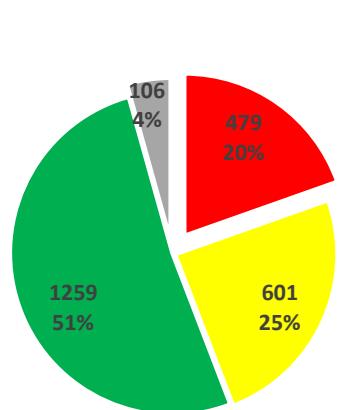
Johnson County,
2014



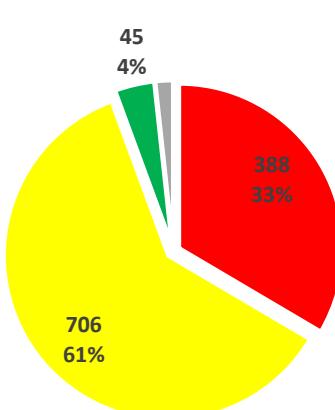
Johnson County,
2018



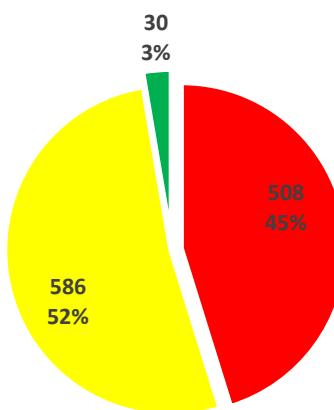
Johnson County,
2020



Statewide, 2014



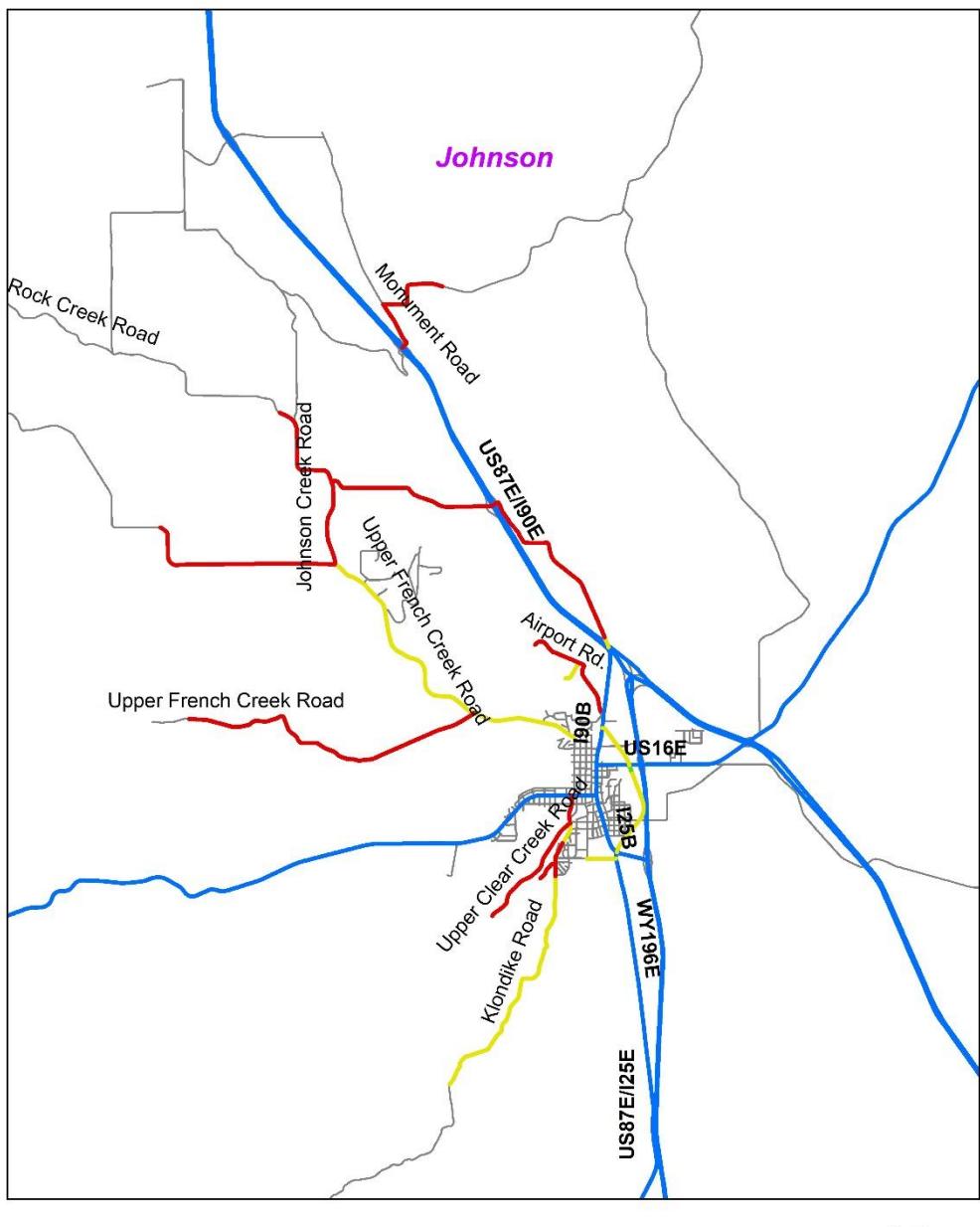
Eastern side of
the State, 2018



Eastern side of the
State, 2020

■ Less Than 70 ■ 70-85 ■ Greater than 85 ■ Missing

Appendix 5.7.2: PCI in Johnson County vs. Statewide and Eastern Side in 2018 and 2020.

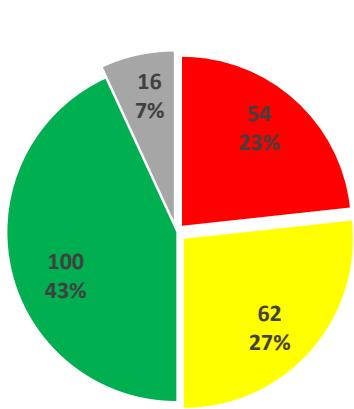


Appendix 5.7.3: Pavement Condition Index (PCI) in Johnson County.

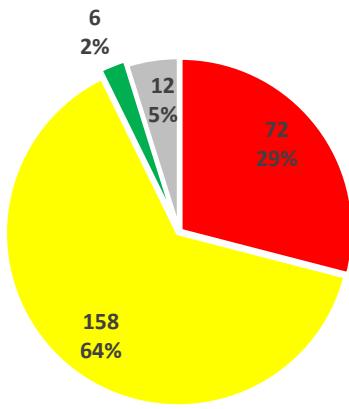
Appendix 5.8: Laramie County

Appendix 5.8.1: PCI in Laramie County vs. Statewide and Eastern Side in 2018 and 2020

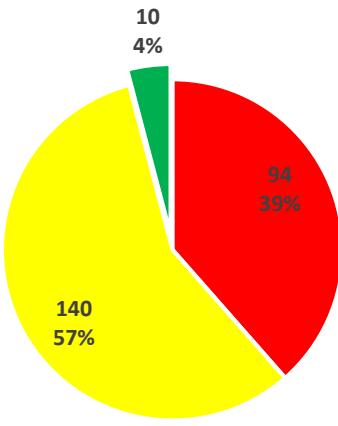
	Laramie County, 2018	Laramie County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Less than 70	72 (29%)	94 (39%)	388 (33%)	508 (45%)	479 (20%)
70 - 85	158 (64%)	140 (57%)	706 (61%)	586 (52%)	601 (25%)
Greater than 85	6 (2%)	10 (4%)	45 (4%)	30 (3%)	1,259 (52%)
Missing	12 (5%)	0 (0%)	20 (2%)	0 (0%)	106 (4%)
Total	249 (100%)	245 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



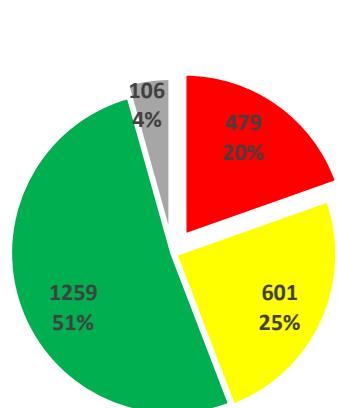
Laramie County,
2014



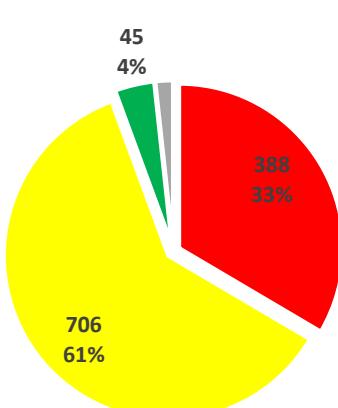
Laramie County,
2018



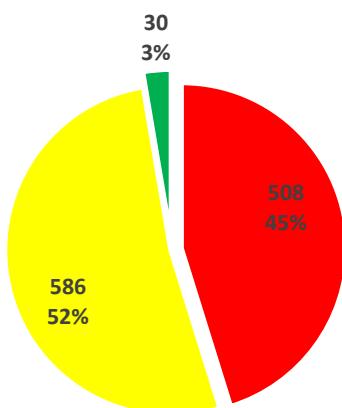
Laramie County,
2020



Statewide, 2014



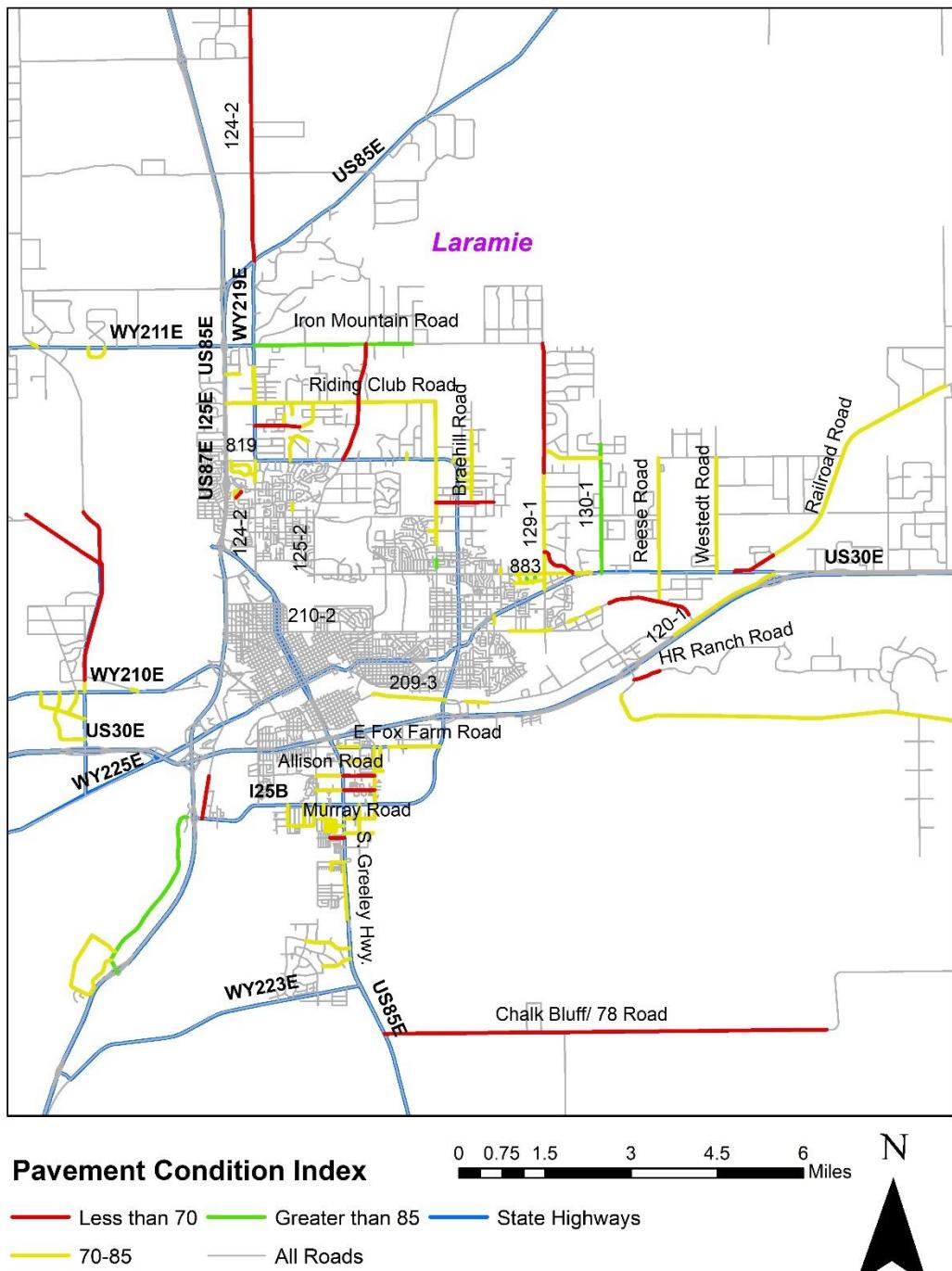
Eastern side of
the State, 2018



Eastern side of the
State, 2020

■ Less Than 70 ■ 70-85 ■ Greater than 85 ■ Missing

Appendix 5.8.2: PCI in Laramie County vs. Statewide and Eastern Side in 2018 and 2020.

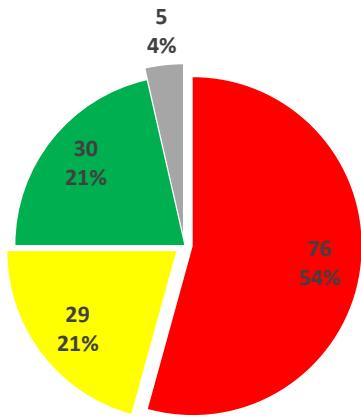


Appendix 5.8.3: Pavement Condition Index (PCI) in Laramie County.

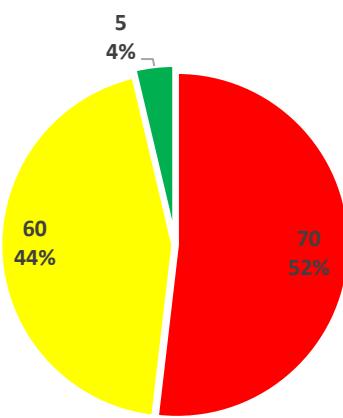
Appendix 5.9: Natrona County

Appendix 5.9.1: PCI in Natrona County vs. Statewide and Eastern Side in 2018 and 2020.

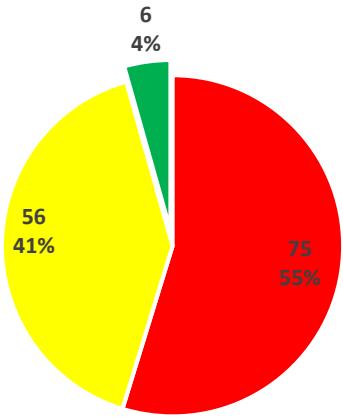
	Natrona County, 2018	Natrona County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Less than 70	70 (52%)	75 (55%)	388 (33%)	508 (45%)	479 (20%)
70 - 85	60 (44%)	56 (41%)	706 (61%)	586 (52%)	601 (25%)
Greater than 85	5 (4%)	6 (4%)	45 (4%)	30 (3%)	1,259 (52%)
Missing	0 (0%)	0 (0%)	20 (2%)	0 (0%)	106 (4%)
Total	134 (100%)	136 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



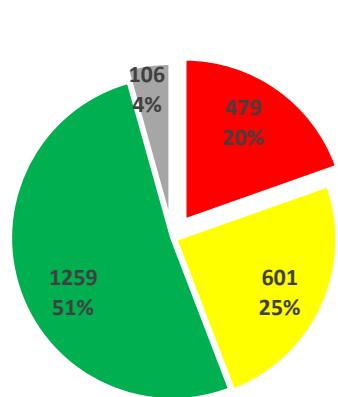
Natrona County,
2014



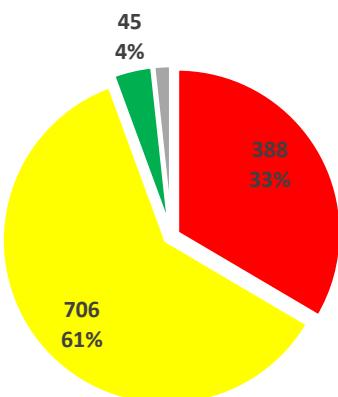
Natrona County,
2018



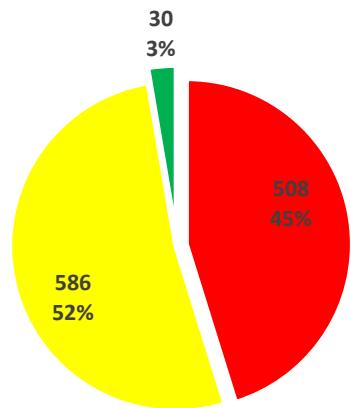
Natrona County,
2020



Statewide, 2014



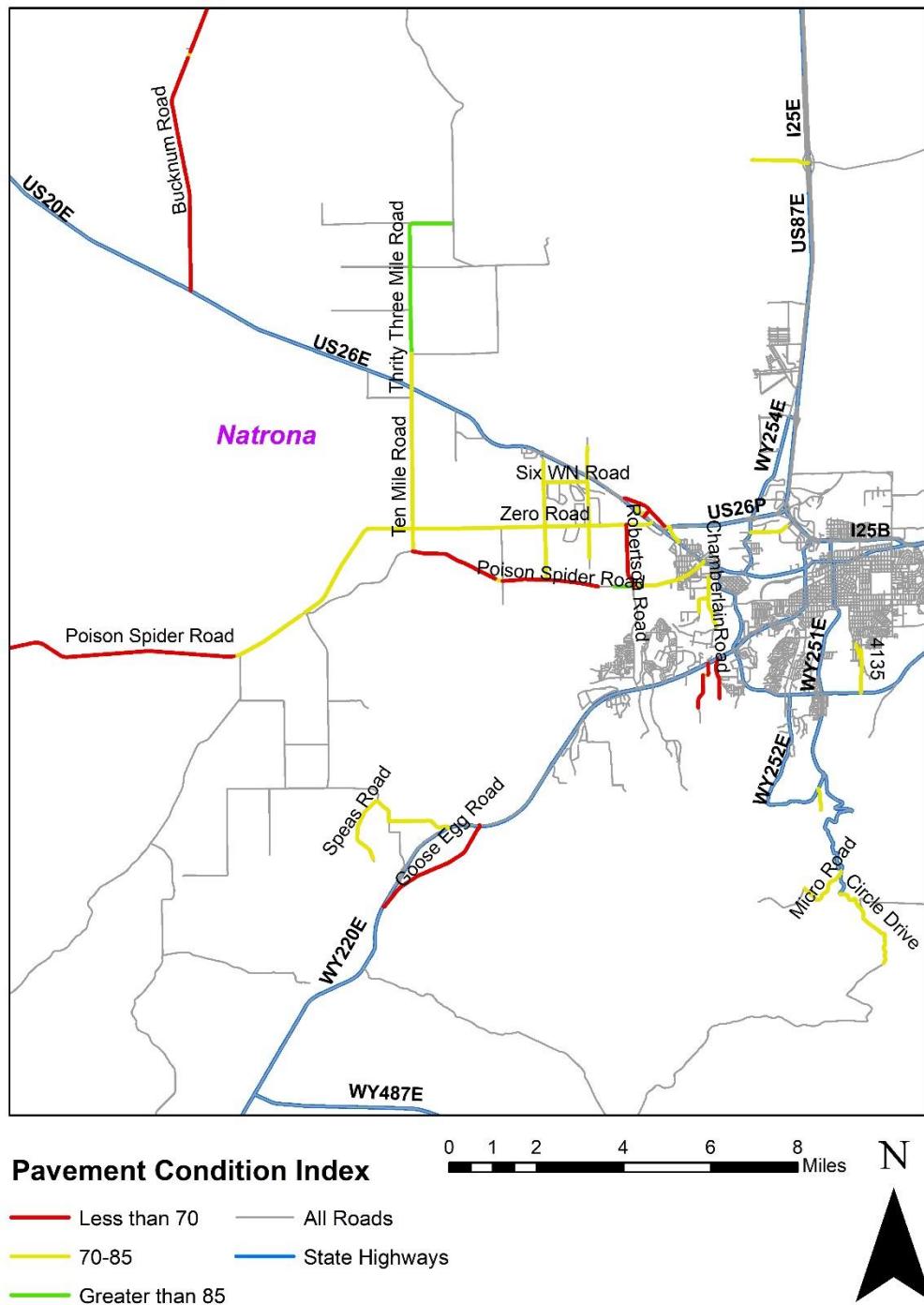
Eastern side of
the State, 2018



Eastern side of the
State, 2020

█ Less Than 70 █ 70-85 █ Greater than 85 █ Missing

Appendix 5.9.2: PCI in Natrona County vs. Statewide and Eastern Side in 2018 and 2020.

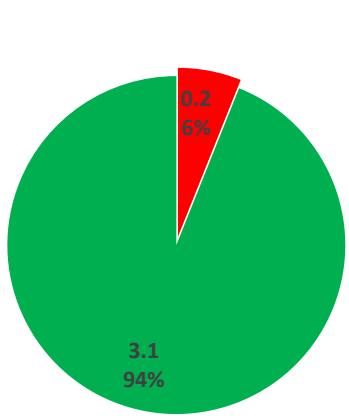


Appendix 5.9.3: Pavement Condition Index (PCI) in Natrona County.

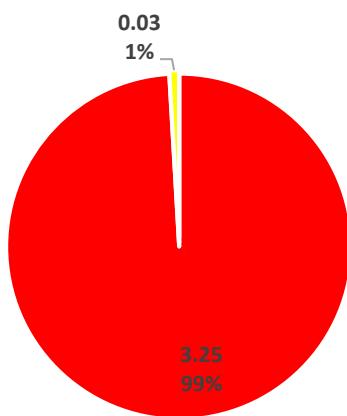
Appendix 5.10: Niobrara County

Appendix 5.10.1: PCI in Niobrara County vs. Statewide and Eastern Side in 2018 and 2020.

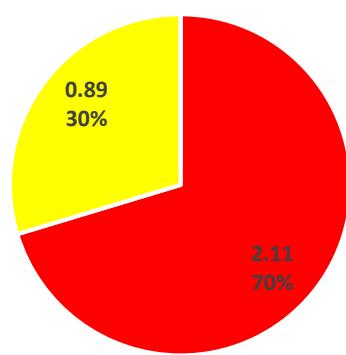
	Niobrara County, 2018	Niobrara County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Less than 70	2 (66%)	2.11 (70%)	388 (33%)	508 (45%)	479 (20%)
70 - 85	1 (33%)	0.89 (30%)	706 (61%)	586 (52%)	601 (25%)
Greater than 85	0.03 (1%)	0 (0%)	45 (4%)	30 (3%)	1,259 (52%)
Missing	0 (0%)	0 (0%)	20 (2%)	0 (0%)	106 (4%)
Total	3 (100%)	3 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



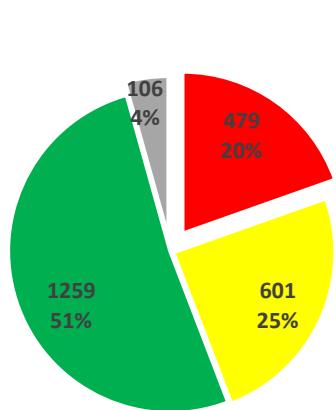
Niobrara County,
2014



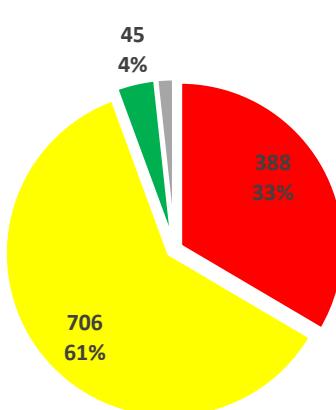
Niobrara County,
2018



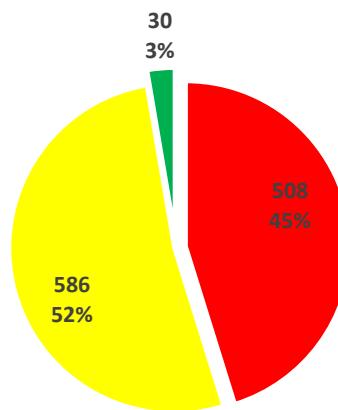
Niobrara County,
2020



Statewide, 2014



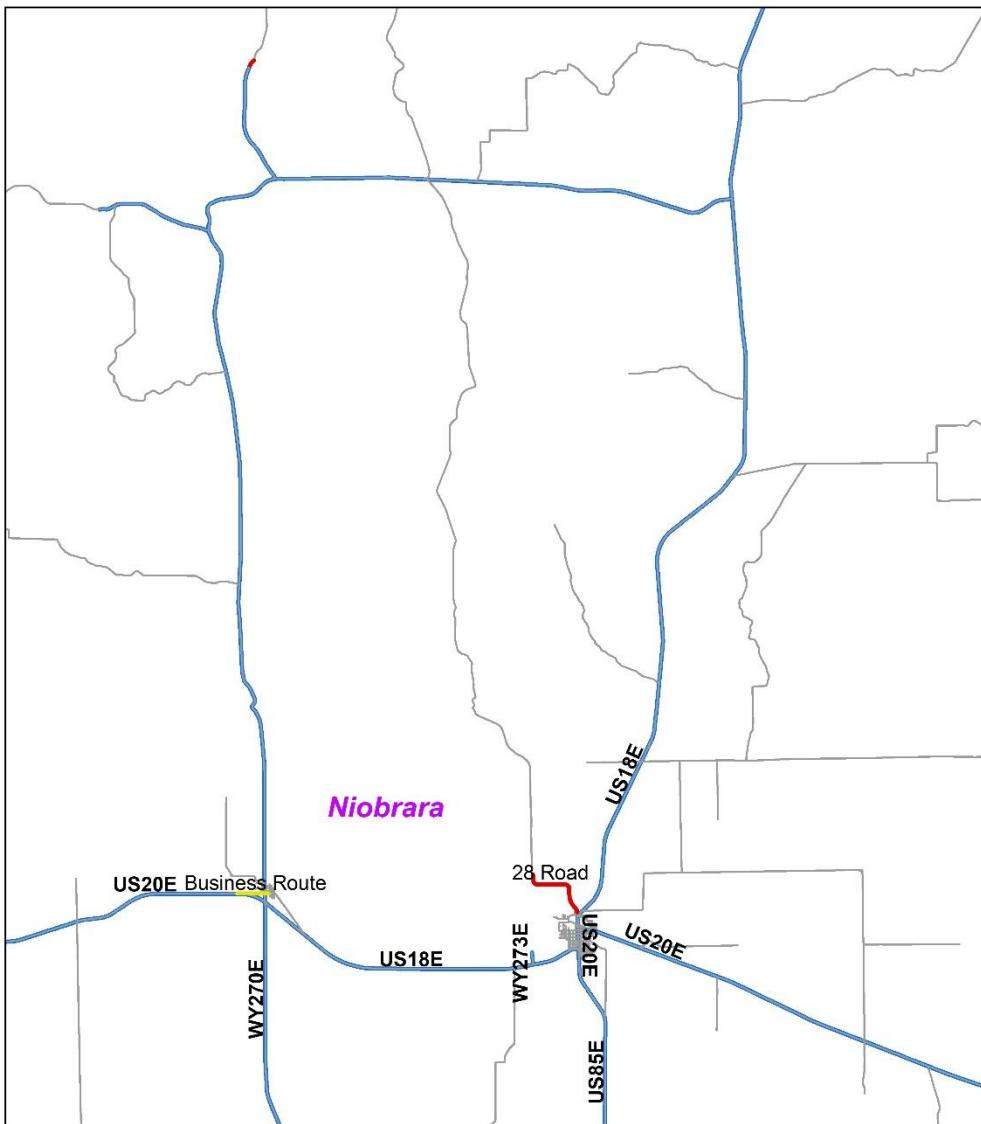
Eastern side of
the State, 2018



Eastern side of the
State, 2020

■ Less Than 70 ■ 70-85 ■ Greater than 85 ■ Missing

Appendix 5.10.2: PCI in Niobrara County vs. Statewide and Eastern Side in 2018 and 2020.

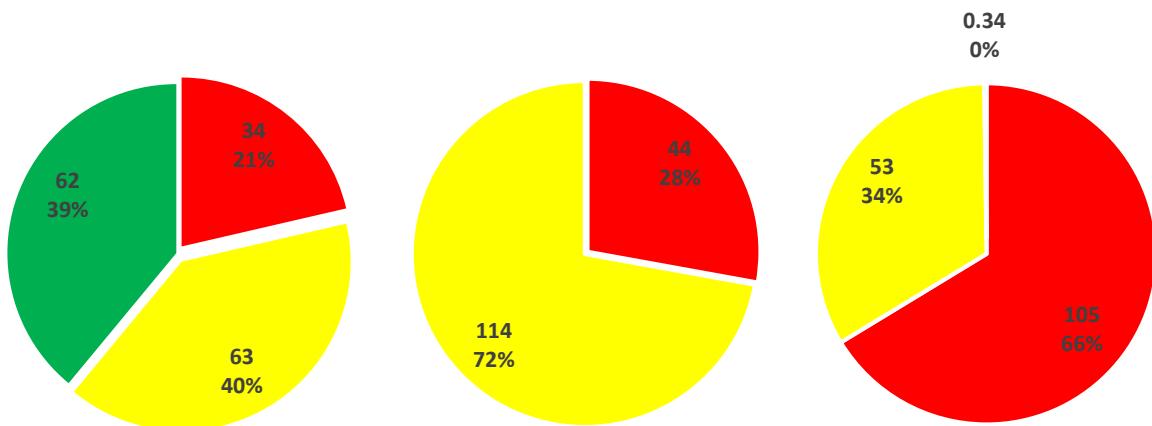


Appendix 5.10.3: Pavement Condition Index (PCI) in Niobrara County.

Appendix 5.11: Platte County

Appendix 5.11.1: PCI in Platte County vs. Statewide and Eastern Side in 2018 and 2020.

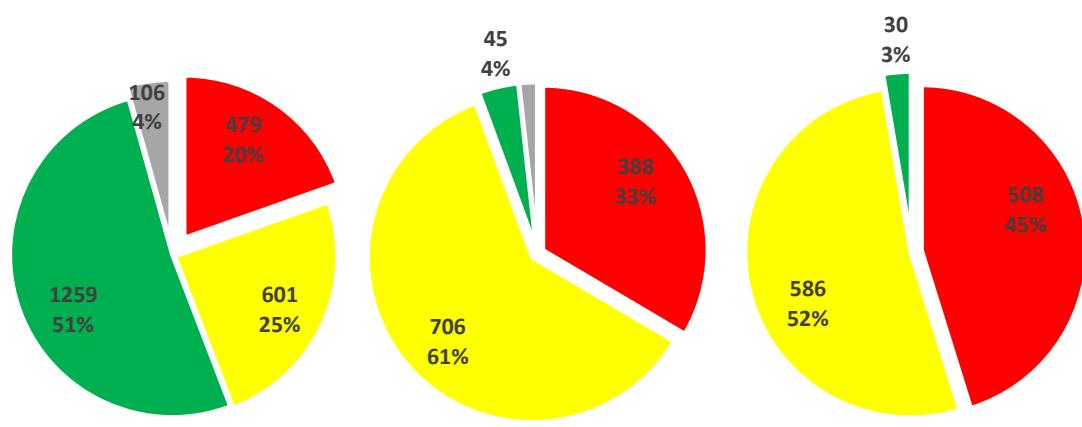
	Platte County, 2018	Platte County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Less than 70	44 (28%)	105 (66%)	388 (33%)	508 (45%)	479 (20%)
70 - 85	114 (72%)	53 (34%)	706 (61%)	586 (52%)	601 (25%)
Greater than 85	0 (0%)	0.34 (0%)	45 (4%)	30 (3%)	1,259 (52%)
Missing	0 (0%)	0 (0%)	20 (2%)	0 (0%)	106 (4%)
Total	158 (100%)	158 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



Platte County,
2014

Platte County,
2018

Platte County,
2020



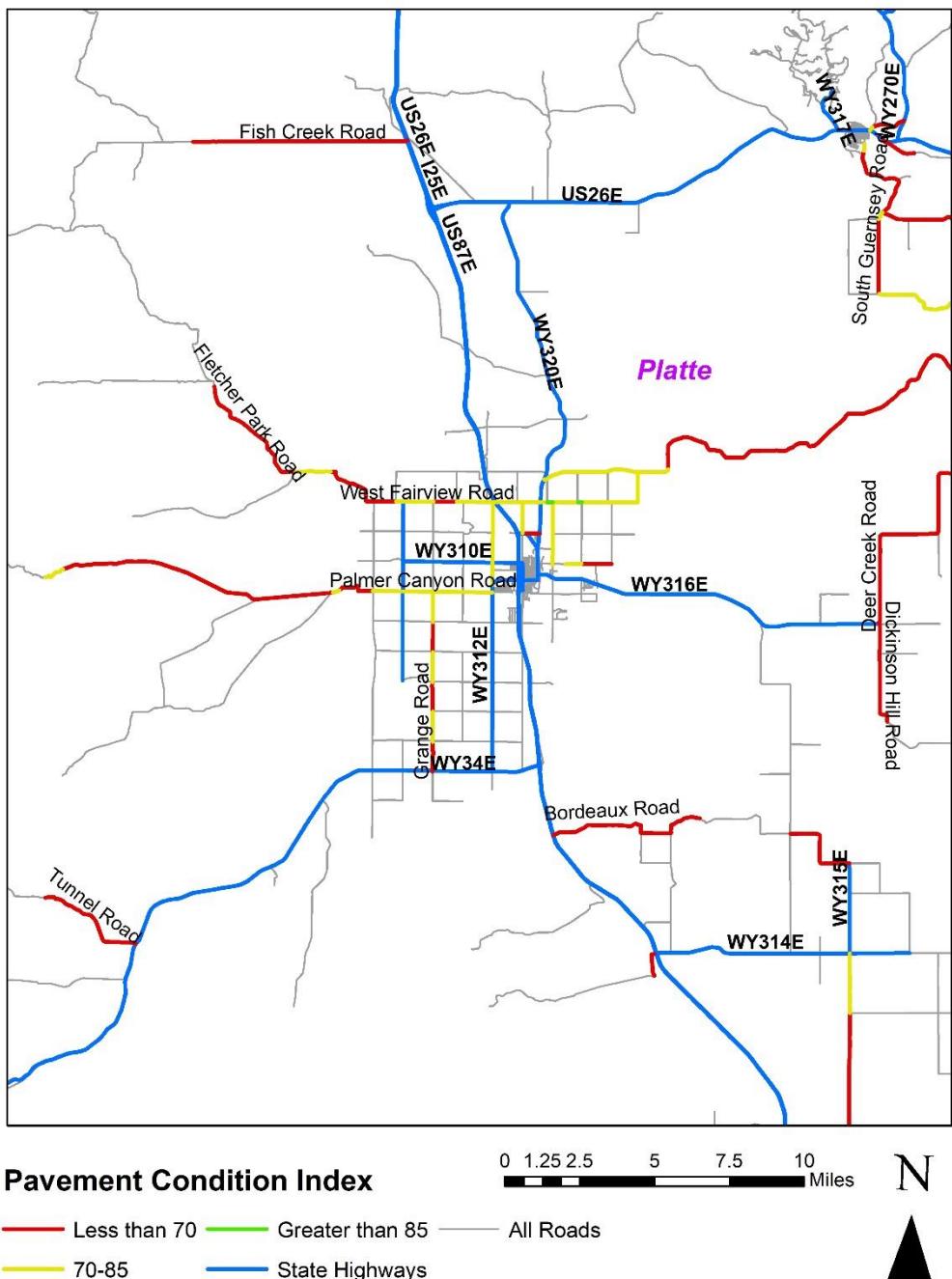
Statewide, 2014

Eastern side of
the State, 2018

Eastern side of the
State, 2020

■ Less Than 70 ■ 70-85 ■ Greater than 85 ■ Missing

Appendix 5.11.2: PCI in Platte County vs. Statewide and Eastern Side in 2018 and 2020.

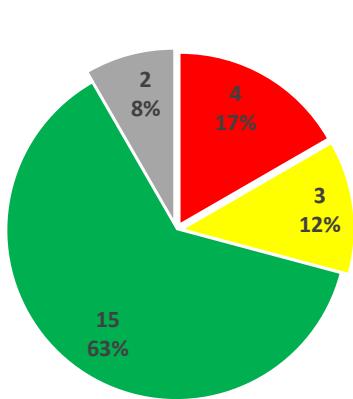


Appendix 5.11.3: Pavement Condition Index (PCI) in Platte County.

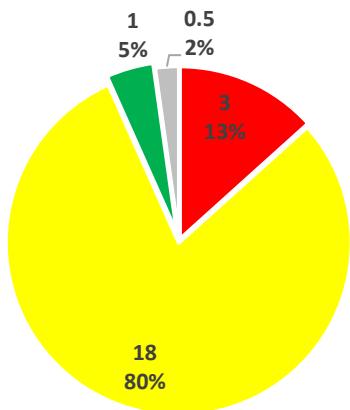
Appendix 5.12: Sheridan County

Appendix 5.12.1: PCI in Sheridan County vs. Statewide and Eastern Side in 2018 and 2020.

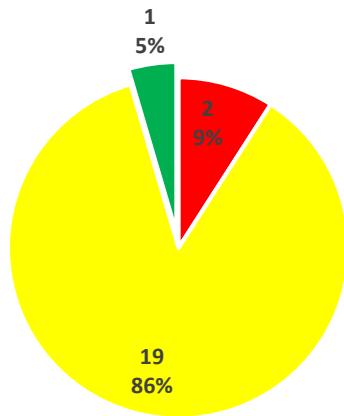
	Sheridan County, 2018	Sheridan County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Less than 70	3 (13%)	2 (9%)	388 (33%)	508 (45%)	479 (20%)
70 - 85	18 (82%)	19 (86%)	706 (61%)	586 (52%)	601 (25%)
Greater than 85	1 (3%)	1 (5%)	45 (4%)	30 (3%)	1,259 (52%)
Missing	0.5 (2%)	0 (0%)	20 (2%)	0 (0%)	106 (4%)
Total	22 (100%)	21 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



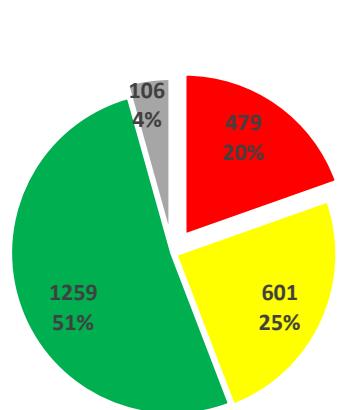
**Sheridan County,
2014**



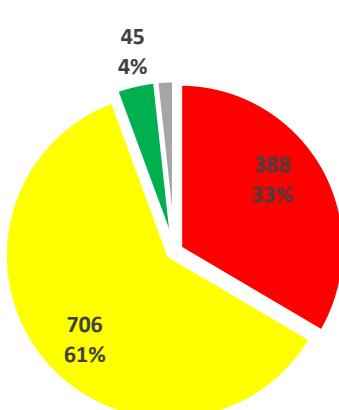
**Sheridan County,
2018**



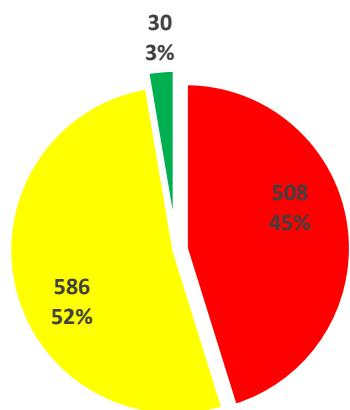
**Sheridan County,
2020**



Statewide, 2014



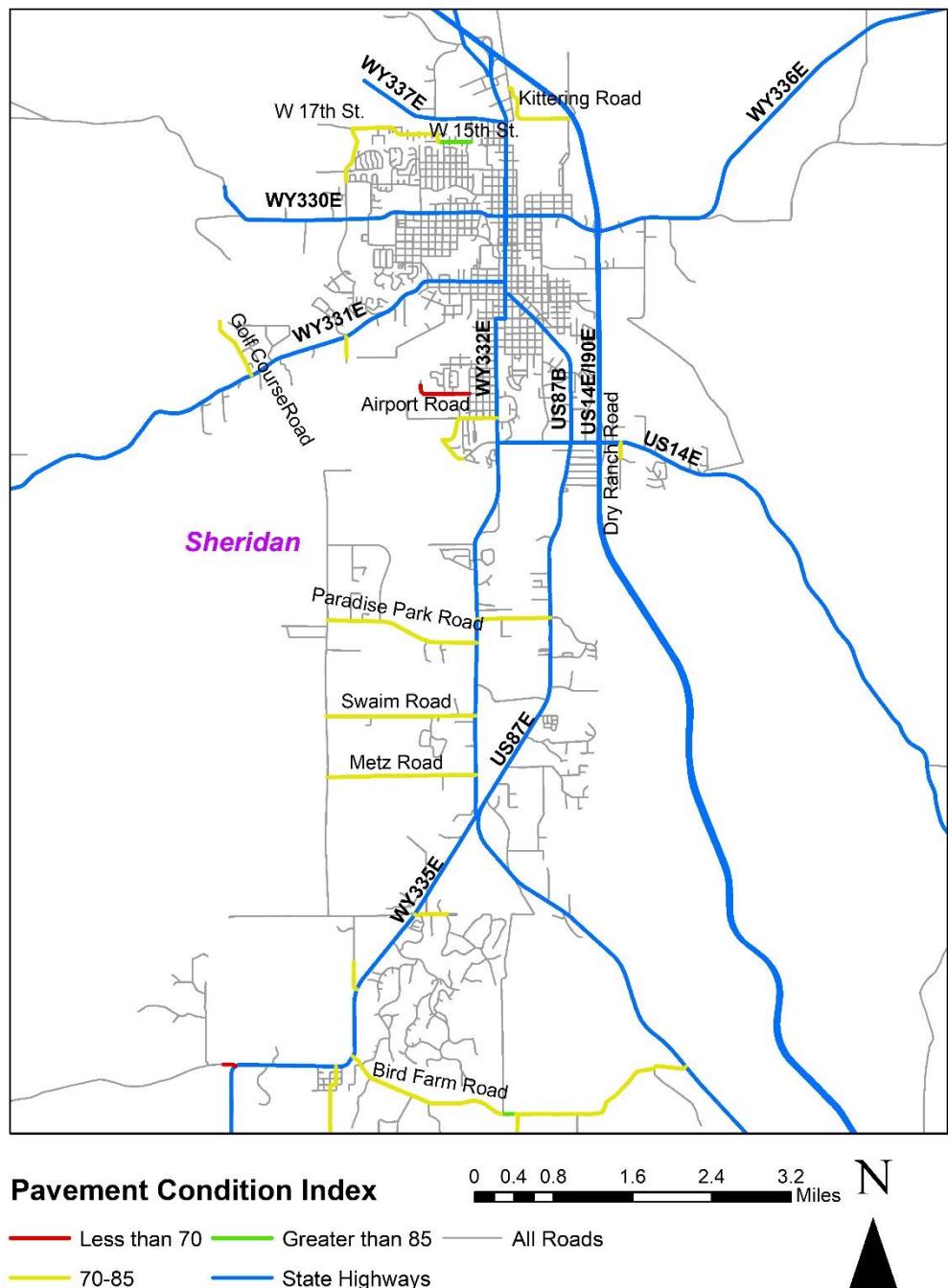
**Eastern side of
the State, 2018**



**Eastern side of the
State, 2020**

■ Less Than 70 ■ 70-85 ■ Greater than 85 ■ Missing

Appendix 5.12.2: PCI in Sheridan County vs. Statewide and Eastern Side in 2018 and 2020.

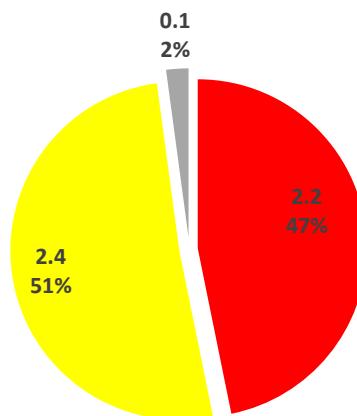


Appendix 5.12.3: Pavement Condition Index (PCI) in Sheridan County.

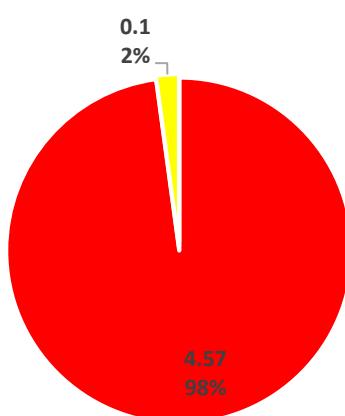
Appendix 5.13: Weston County

Appendix 5.13.1: PCI in Weston County vs. Statewide and Eastern Side in 2018 and 2020.

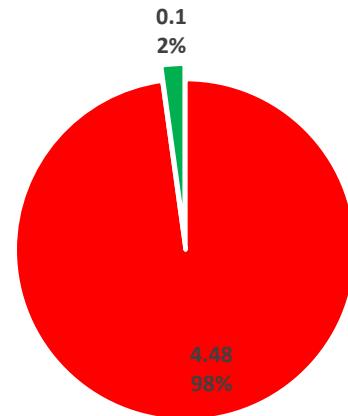
	Weston County, 2018	Weston County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Less than 70	3.97 (85%)	4.48 (98%)	388 (33%)	508 (45%)	479 (20%)
70 - 85	0.58 (13%)	0 (0%)	706 (61%)	586 (52%)	601 (25%)
Greater than 85	0.1 (2%)	0.1 (2%)	45 (4%)	30 (3%)	1,259 (52%)
Missing	0 (0%)	0 (0%)	20 (2%)	0 (0%)	106 (4%)
Total	4.65 (100%)	4.58 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



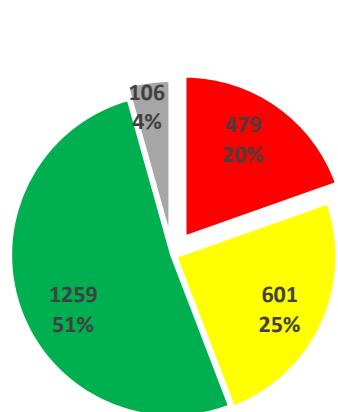
Weston County,
2014



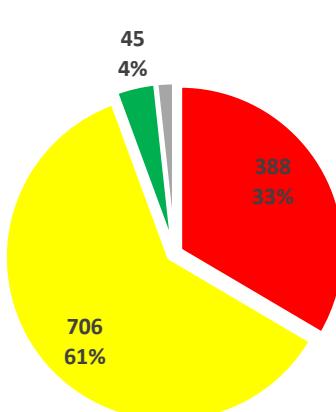
Weston County,
2018



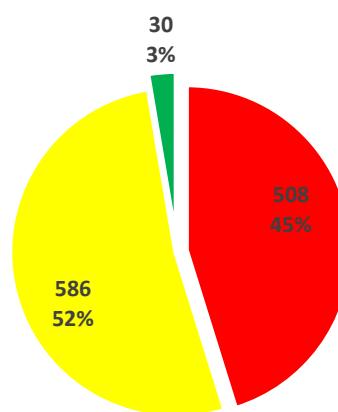
Weston County,
2020



Statewide, 2014



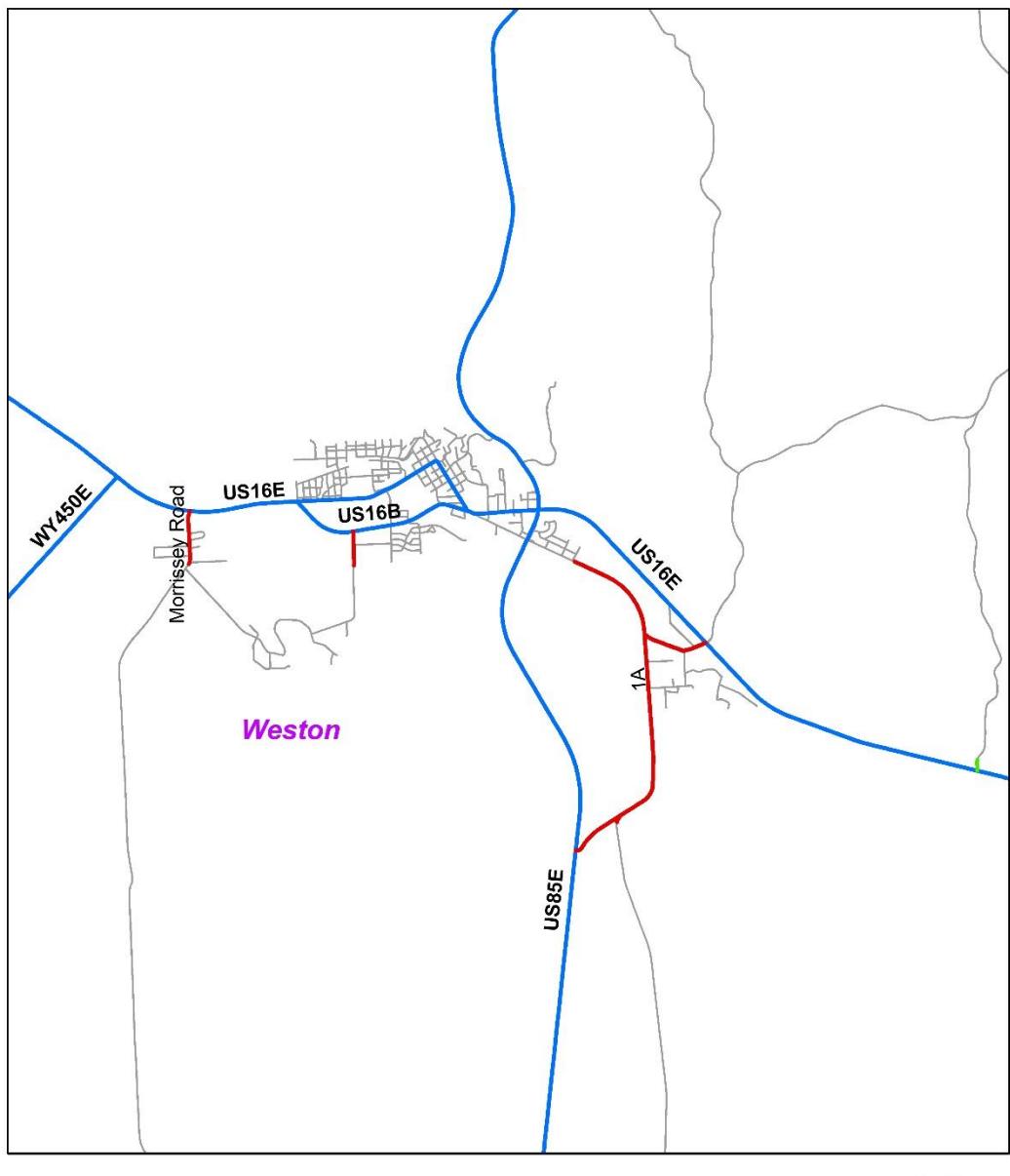
Eastern side of
the State, 2018



Eastern side of the
State, 2020

█ Less Than 70 █ 70-85 █ Greater than 85 █ Missing

Appendix 5.13.2: PCI in Weston County vs. Statewide and Eastern Side in 2018 and 2020.



Pavement Condition Index

0 0.4 0.8 1.6 2.4 3.2 Miles

N

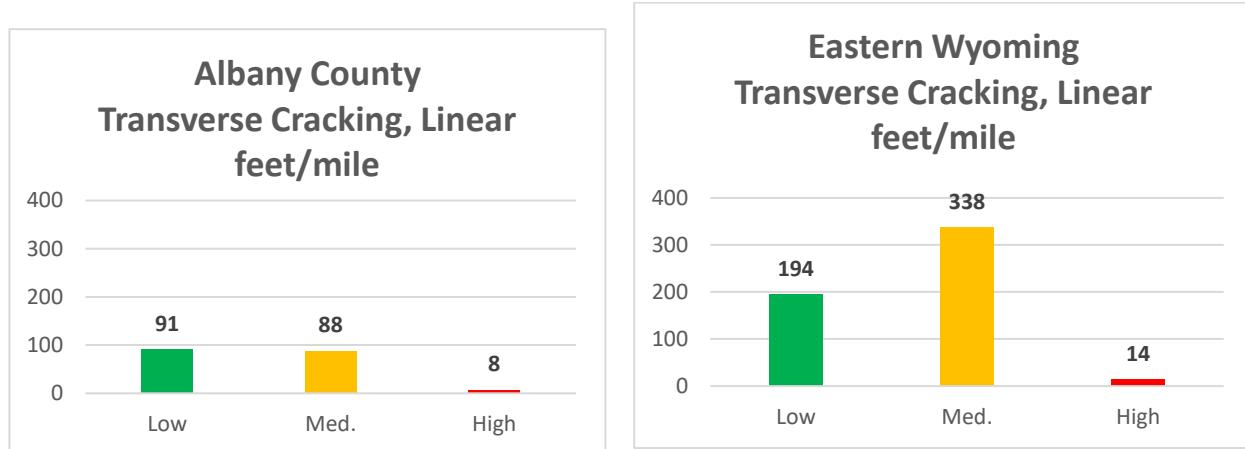
- | | |
|--|---|
| <ul style="list-style-type: none"> — Less than 70 — 70-85 — Greater than 85 | <ul style="list-style-type: none"> — State Highways — All Roads |
|--|---|



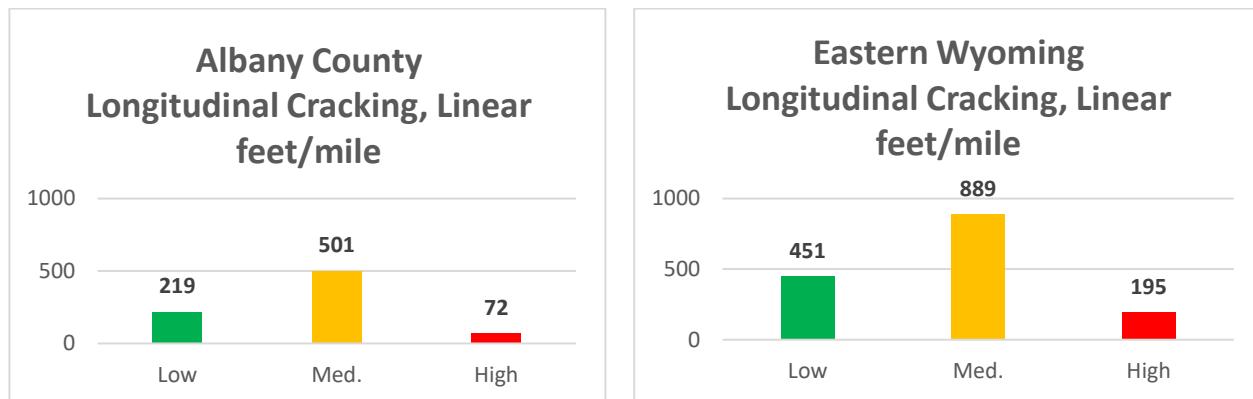
Appendix 5.13.3: Pavement Condition Index (PCI) in Weston County.

APPENDIX 6: PAVEMENT DISTRESS SUMMARIES

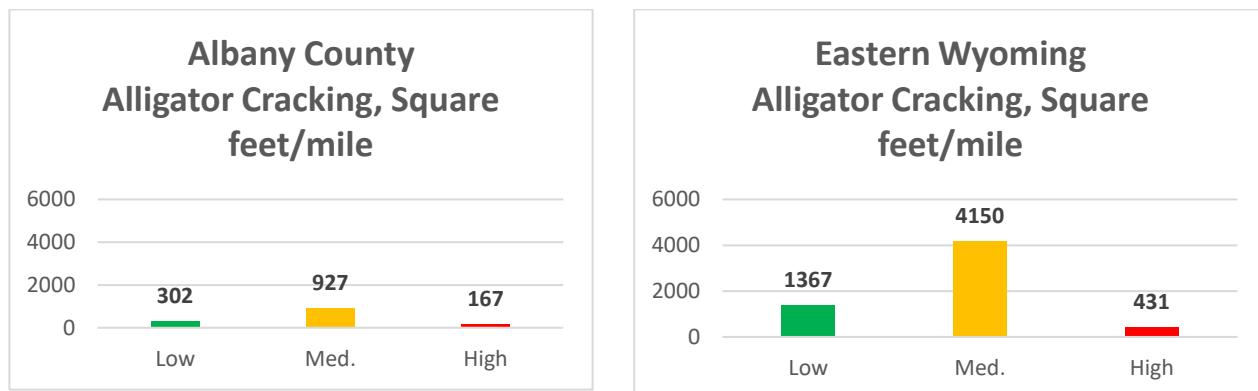
Appendix 6.1: Albany County



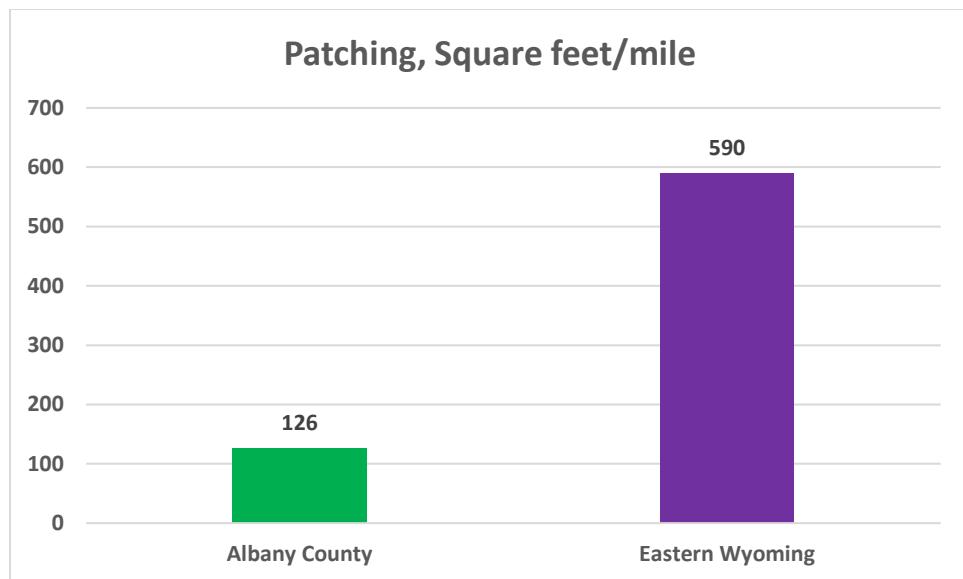
Appendix 6.1.1: Transverse Cracking in Albany County vs. Eastern Side.



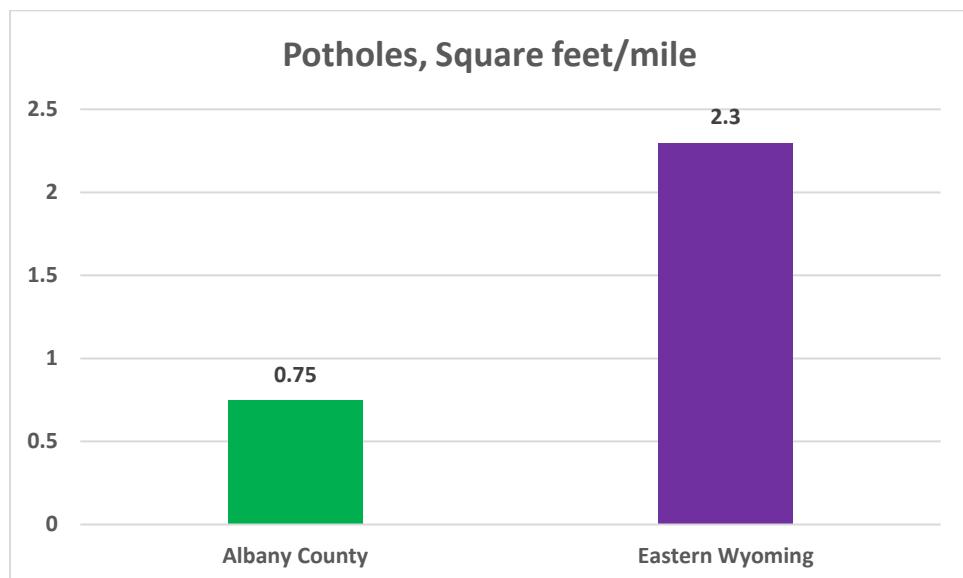
Appendix 6.1.2: Longitudinal Cracking in Albany County vs. Eastern Side.



Appendix 6.1.3: Alligator Cracking in Albany County vs. Eastern Side.



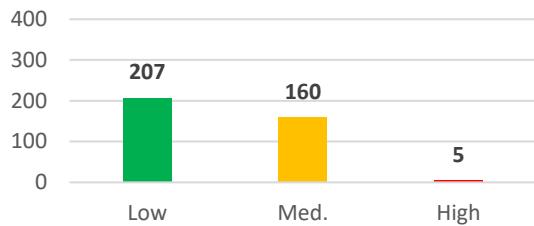
Appendix 6.1.4: Patching in Albany County vs. Eastern Side.



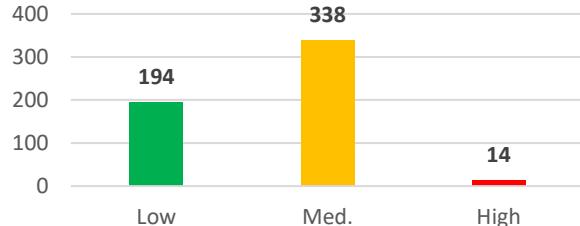
Appendix 6.1.5: Potholes in Albany County vs. Eastern Side.

Appendix 6.2: Campbell County

**Campbell County
Transverse Cracking, Linear
feet/mile**

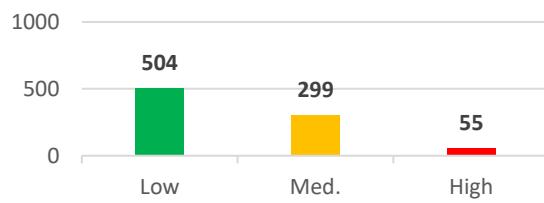


**Eastern Wyoming
Transverse Cracking, Linear
feet/mile**

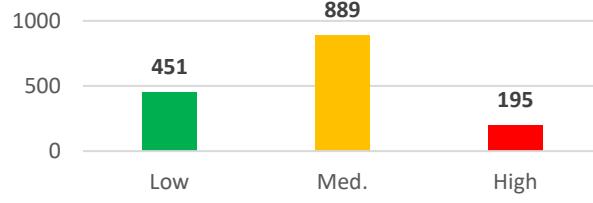


Appendix 6.2.1: Transverse Cracking in Campbell County vs. Eastern Side.

**Campbell County
Longitudinal Cracking, Linear
feet/mile**

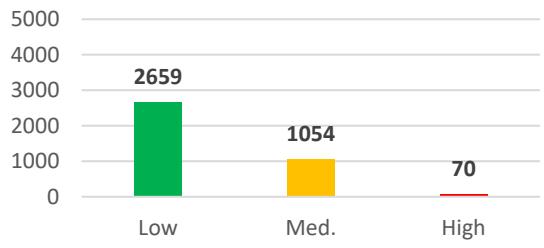


**Eastern Wyoming
Longitudinal Cracking, Linear
feet/mile**

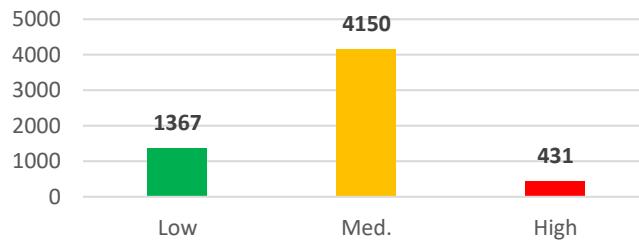


Appendix 6.2.2: Longitudinal Cracking in Campbell County vs. Eastern Side.

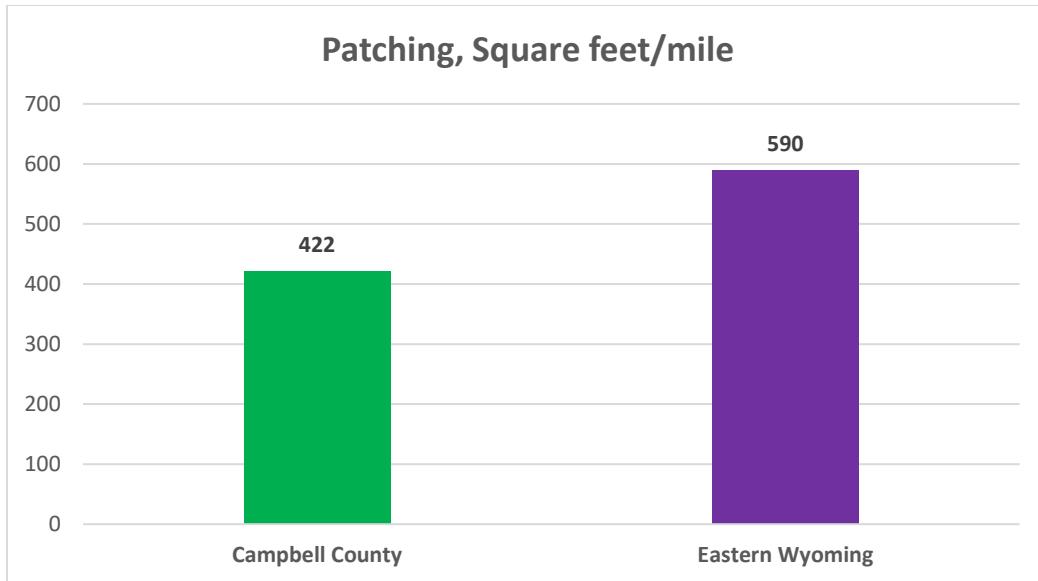
**Campbell County
Alligator Cracking, Square
feet/mile**



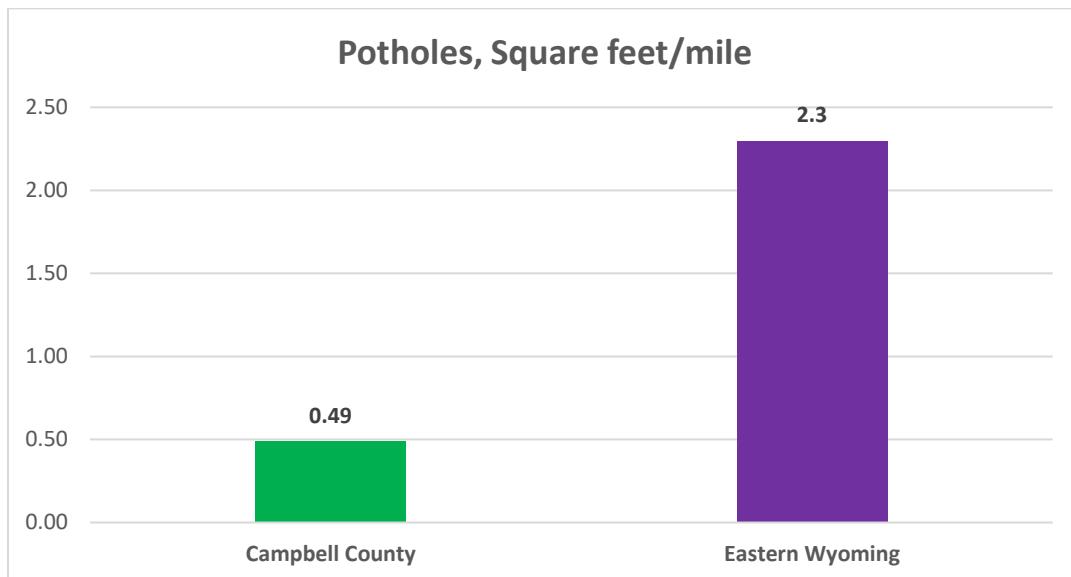
**Eastern Wyoming
Alligator Cracking, Square
feet/mile**



Appendix 6.2.3: Alligator Cracking in Campbell County vs. Eastern Side.

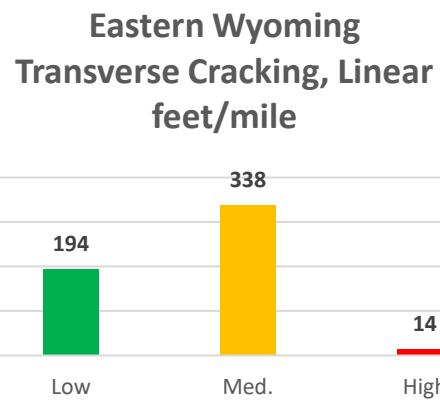
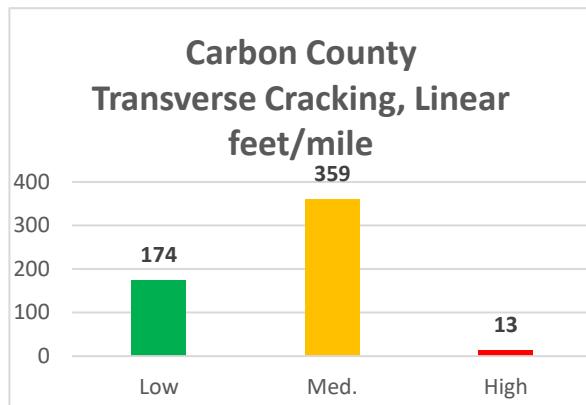


Appendix 6.2.4: Patching in Campbell County vs. Eastern Side.

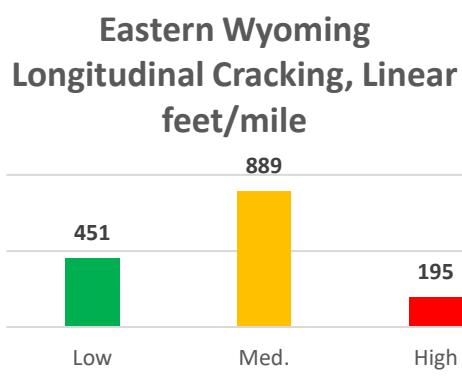
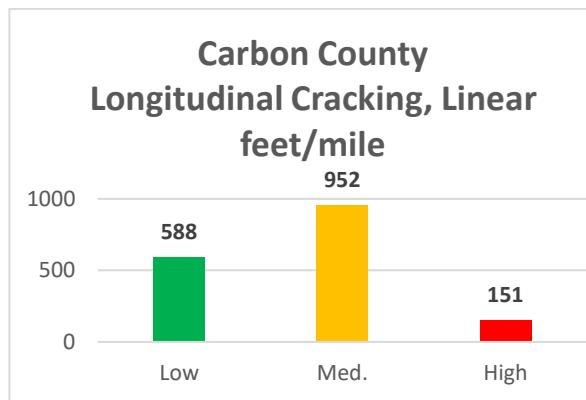


Appendix 6.2.5: Potholes in Campbell County vs. Eastern Side.

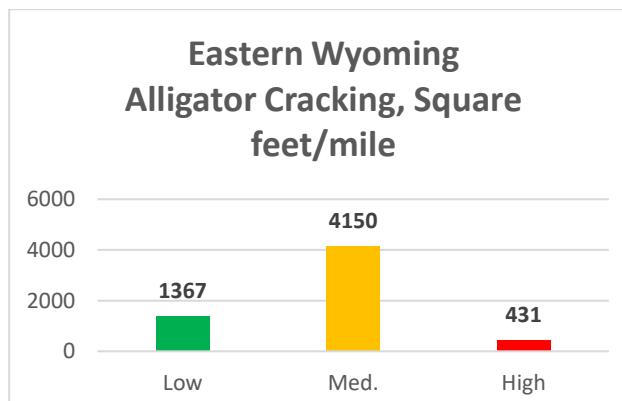
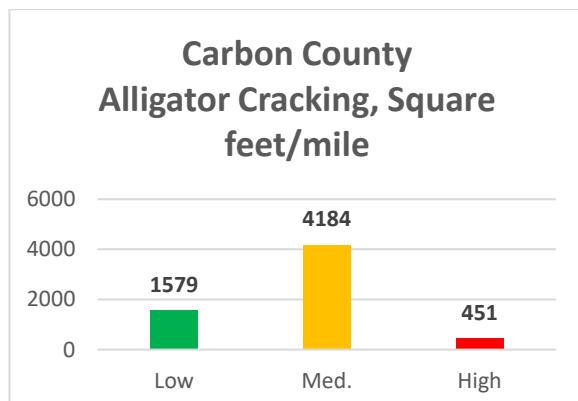
Appendix 6.3: Carbon County



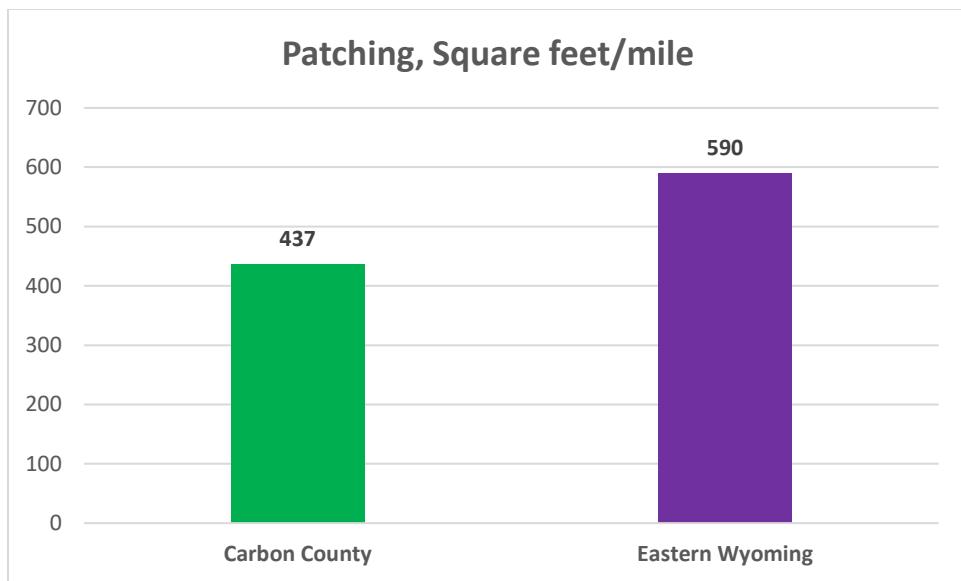
Appendix 6.3.1: Transverse Cracking in Carbon County vs. Eastern Side.



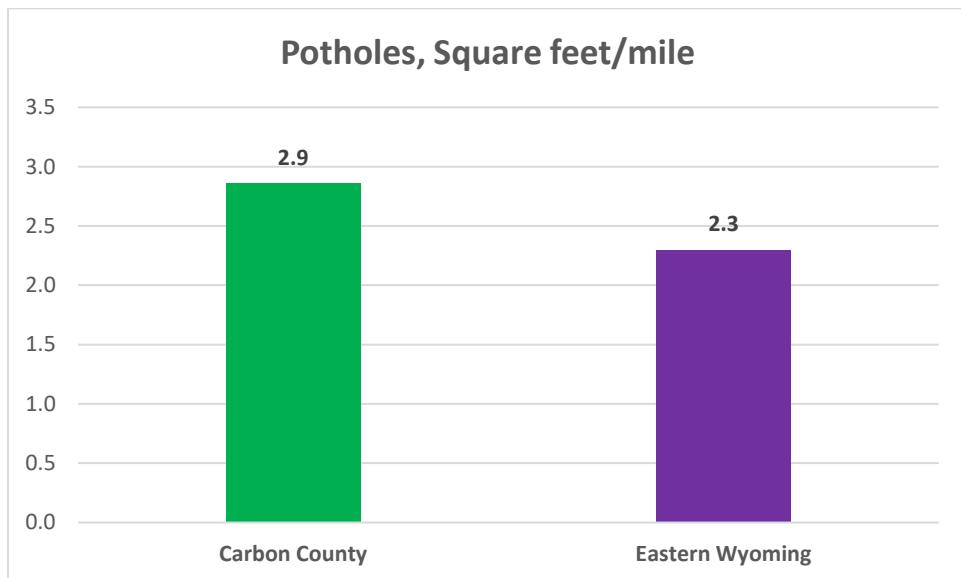
Appendix 6.3.2: Longitudinal Cracking in Carbon County vs. Eastern Side.



Appendix 6.3.3: Alligator Cracking in Carbon County vs. Eastern Side.

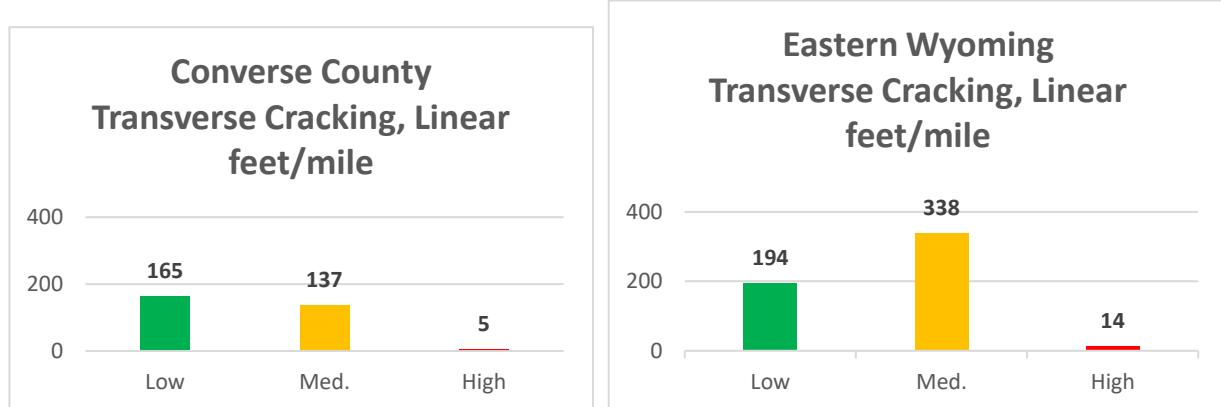


Appendix 6.3.4: Patching in Carbon County vs. Eastern Side.

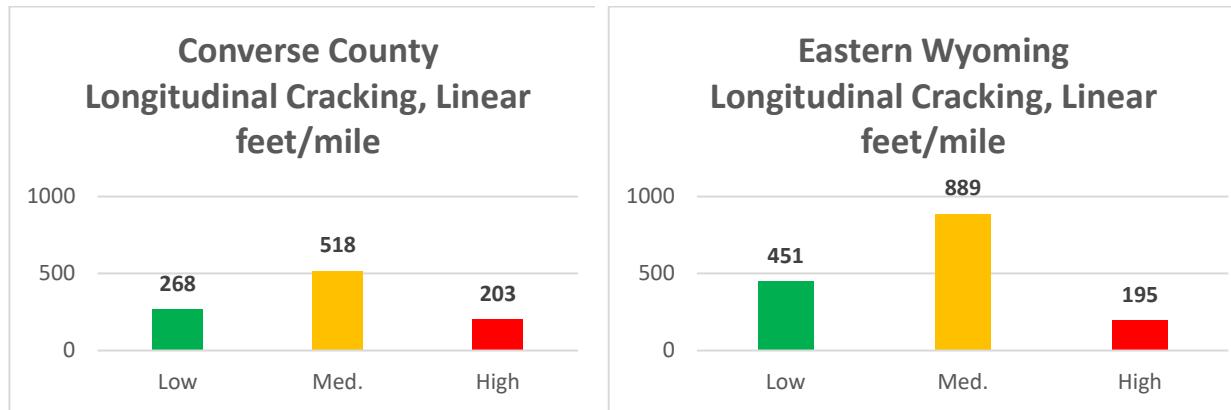


Appendix 6.3.5: Potholes in Carbon County vs. Eastern Side.

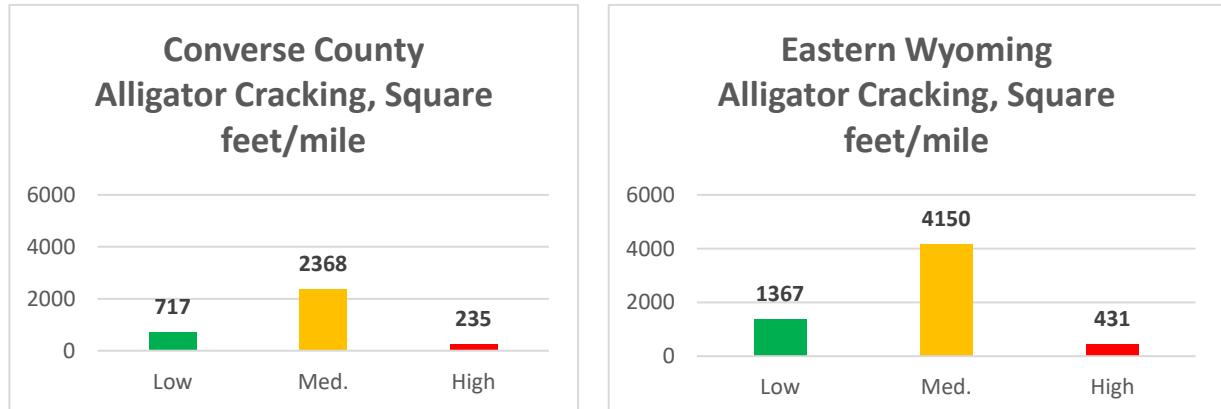
Appendix 6.4: Converse County



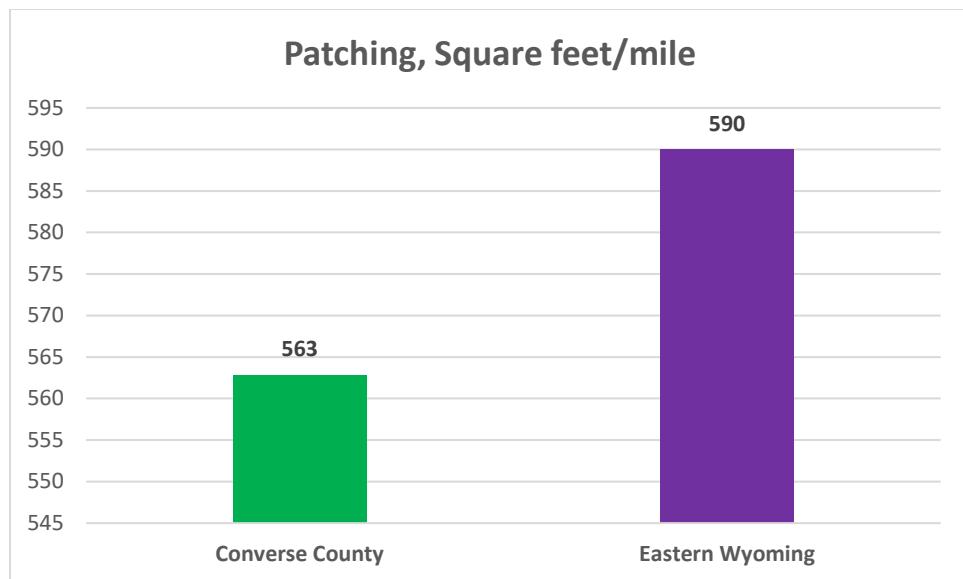
Appendix 6.4.1: Transverse Cracking in Converse County vs. Eastern Side.



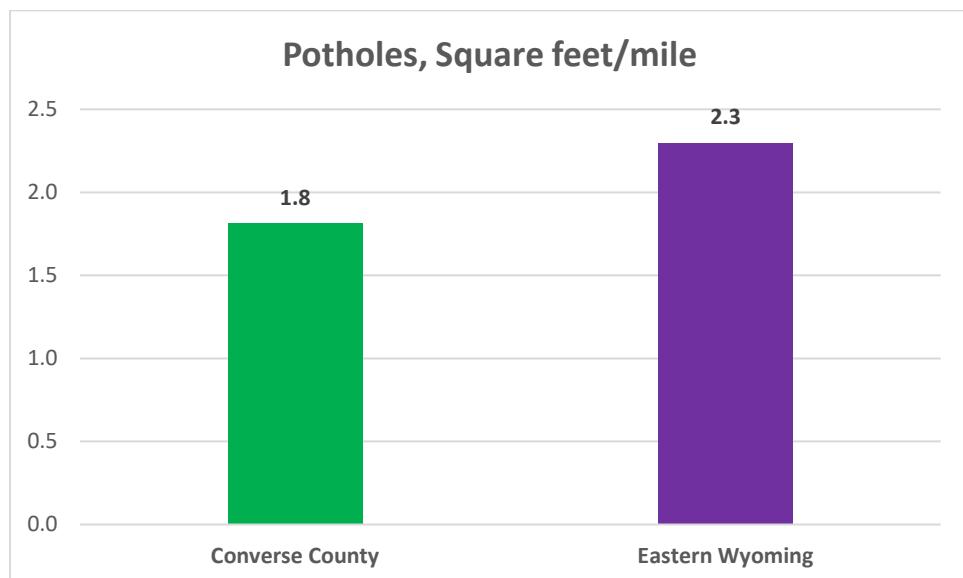
Appendix 6.4.2: Longitudinal Cracking in Converse County vs. Eastern Side.



Appendix 6.4.3: Alligator Cracking in Converse County vs. Eastern Side.

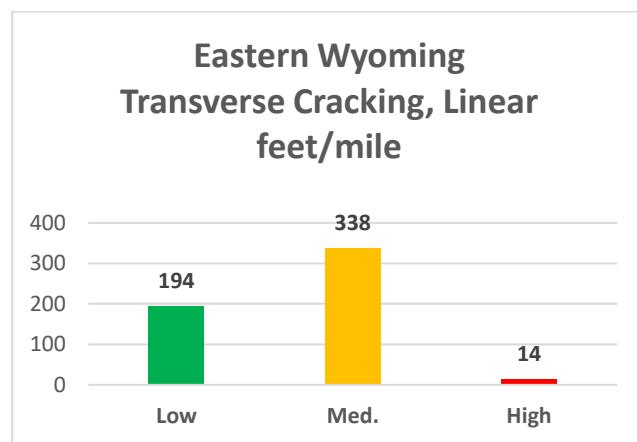
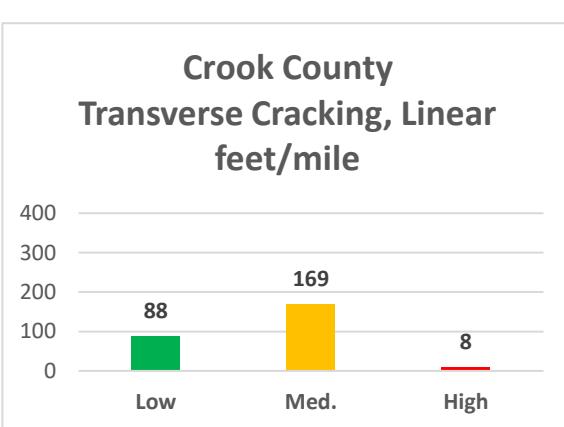


Appendix 6.4.4: Patching in Converse County vs. Eastern Side.

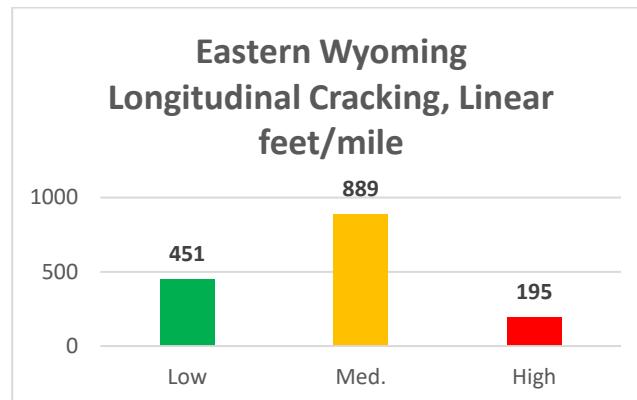
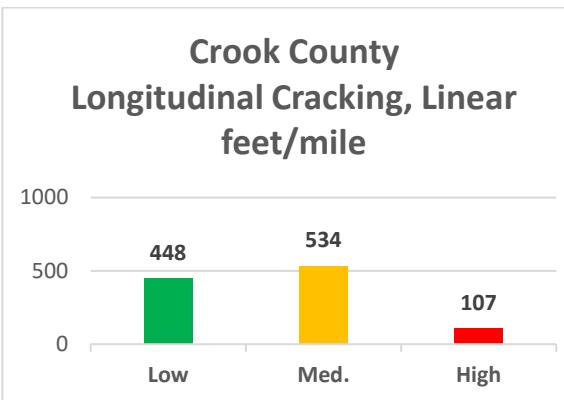


Appendix 6.4.5: Potholes in Converse County vs. Eastern Side.

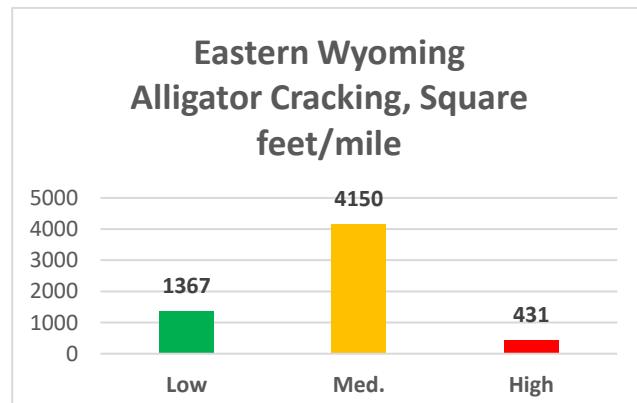
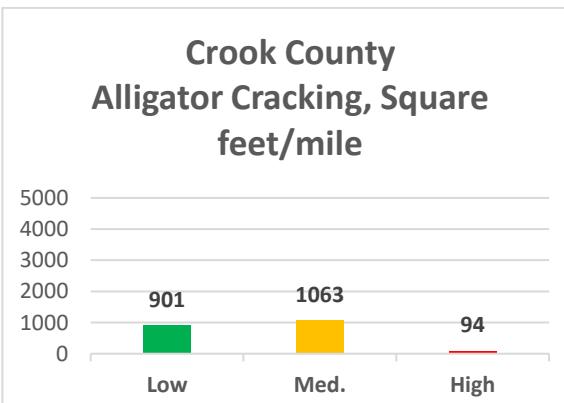
Appendix 6.5: Crook County



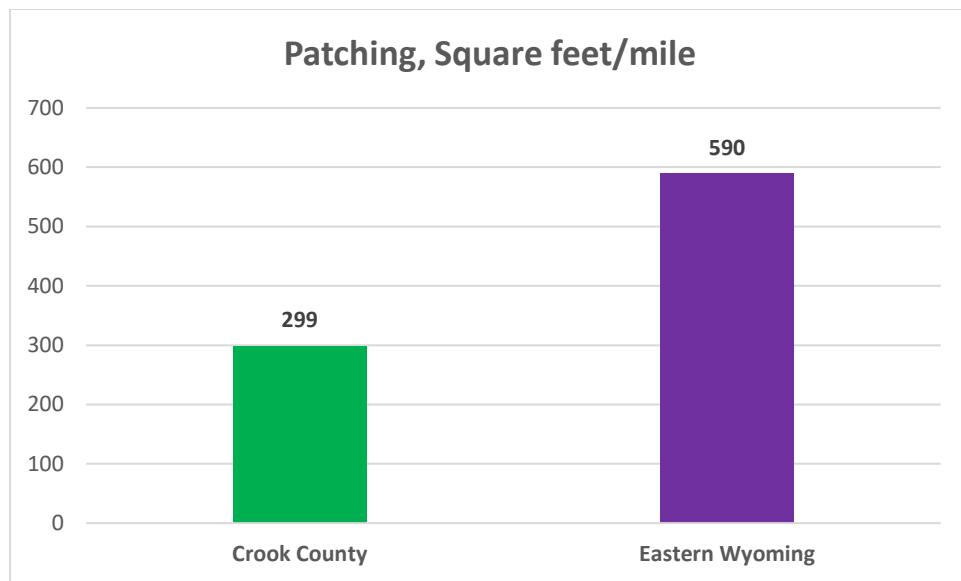
Appendix 6.5.1: Transverse Cracking in Crook County vs. Eastern Side.



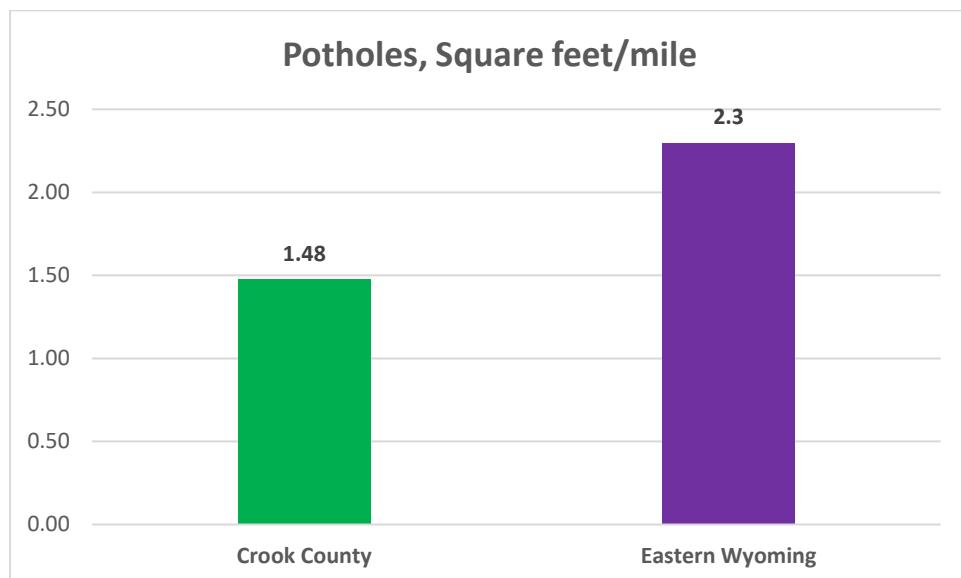
Appendix 6.5.2: Longitudinal Cracking in Crook County vs. Eastern Side.



Appendix 6.5.3: Alligator Cracking in Crook County vs. Eastern Side.

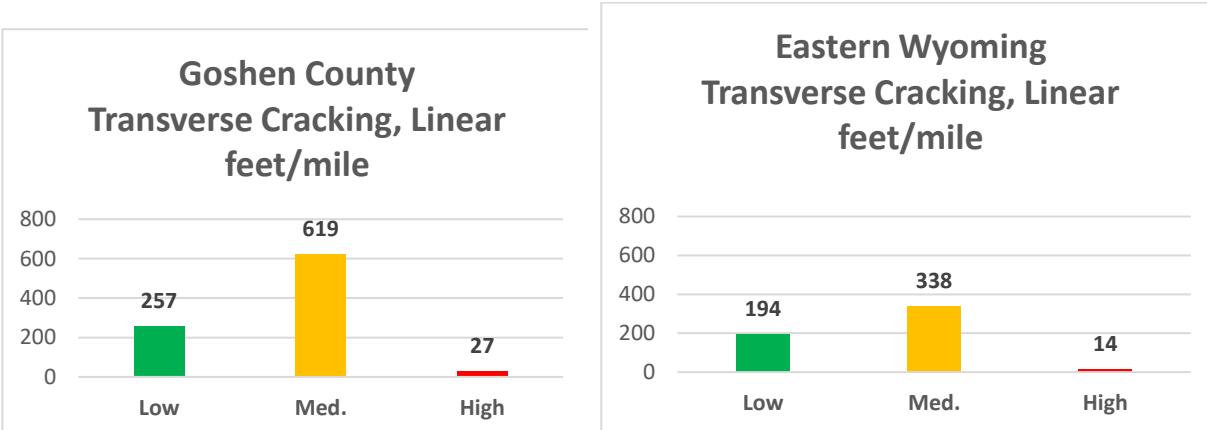


Appendix 6.5.4: Patching in Crook County vs. Eastern Side.

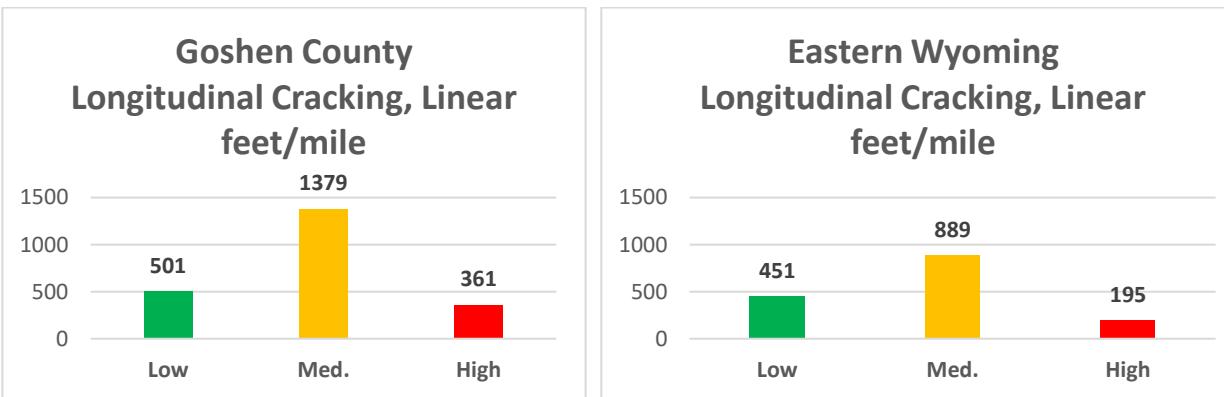


Appendix 6.5.5: Potholes in Crook County vs. Eastern Side.

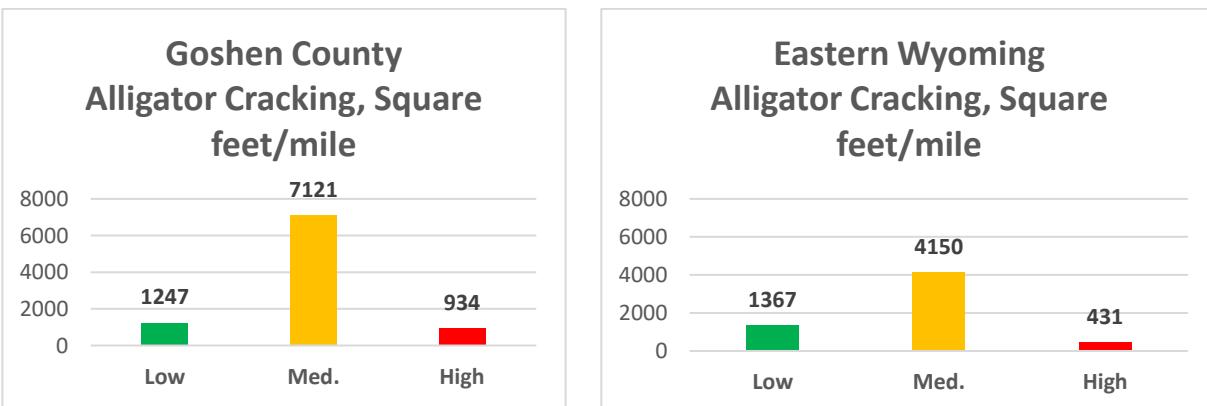
Appendix 6.6: Goshen County



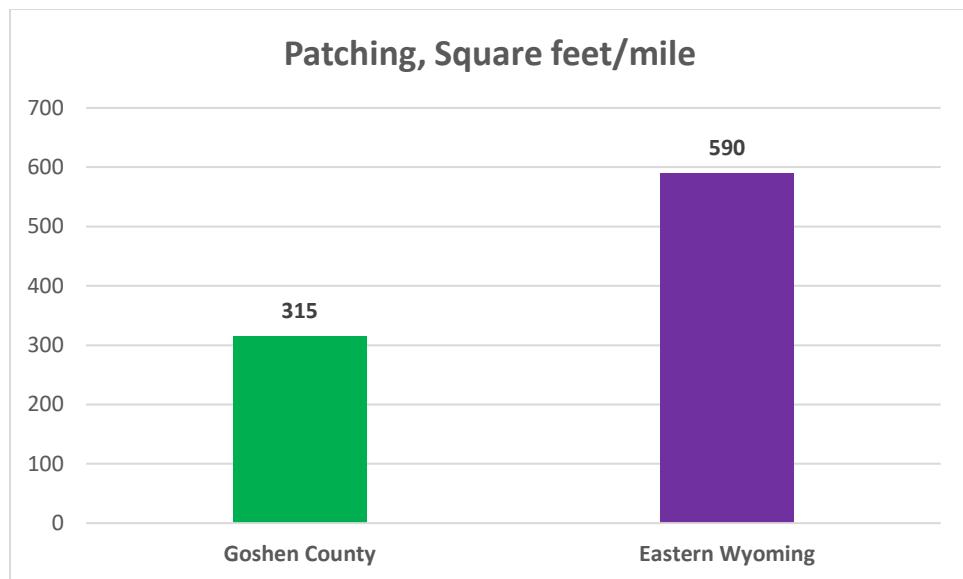
Appendix 6.6.1: Transverse Cracking in Goshen County vs. Eastern Side.



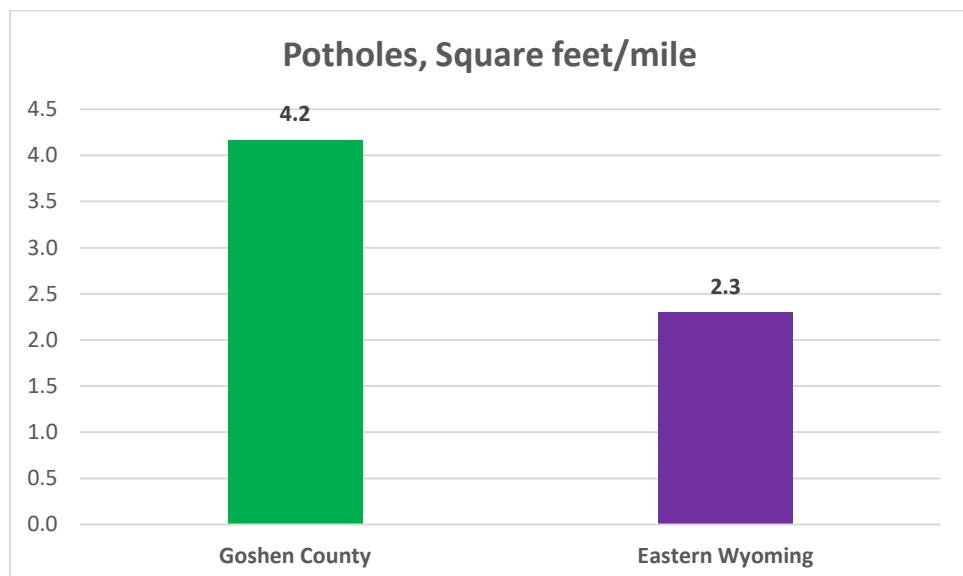
Appendix 6.6.2: Longitudinal Cracking in Goshen County vs. Eastern Side.



Appendix 6.6.3: Alligator Cracking in Goshen County vs. Eastern Side.

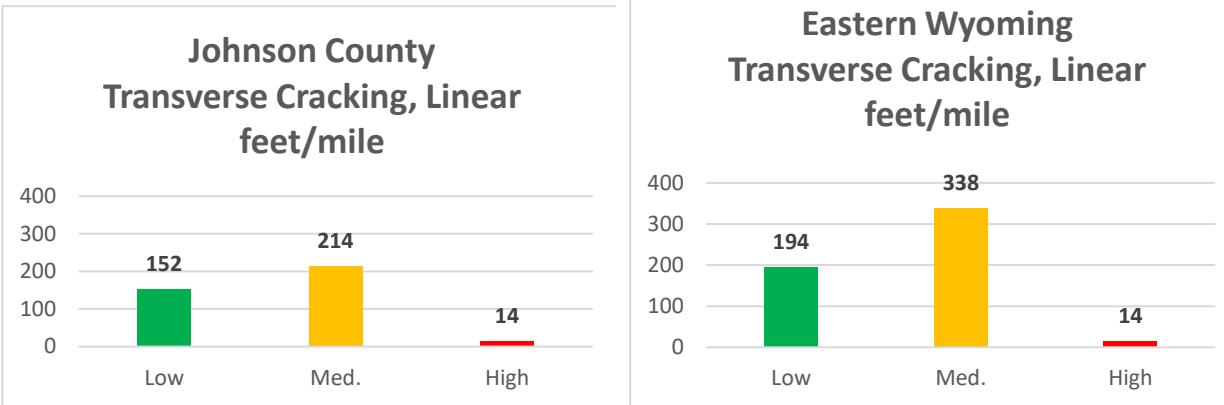


Appendix 6.6.4: Patching in Goshen County vs. Eastern Side.



Appendix 6.6.5: Potholes in Goshen County vs. Eastern Side.

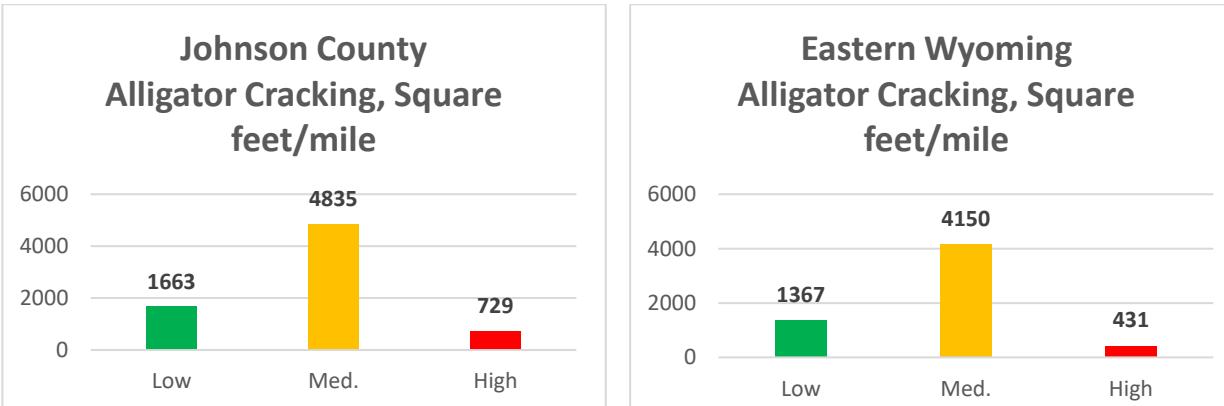
Appendix 6.7: Johnson County



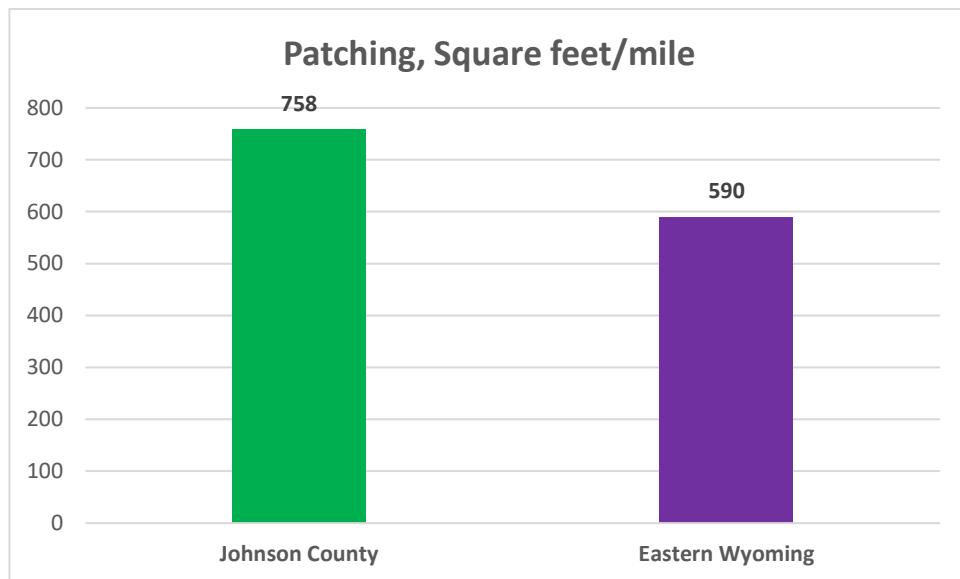
Appendix 6.7.1: Transverse Cracking in Johnson County vs. Eastern Side.



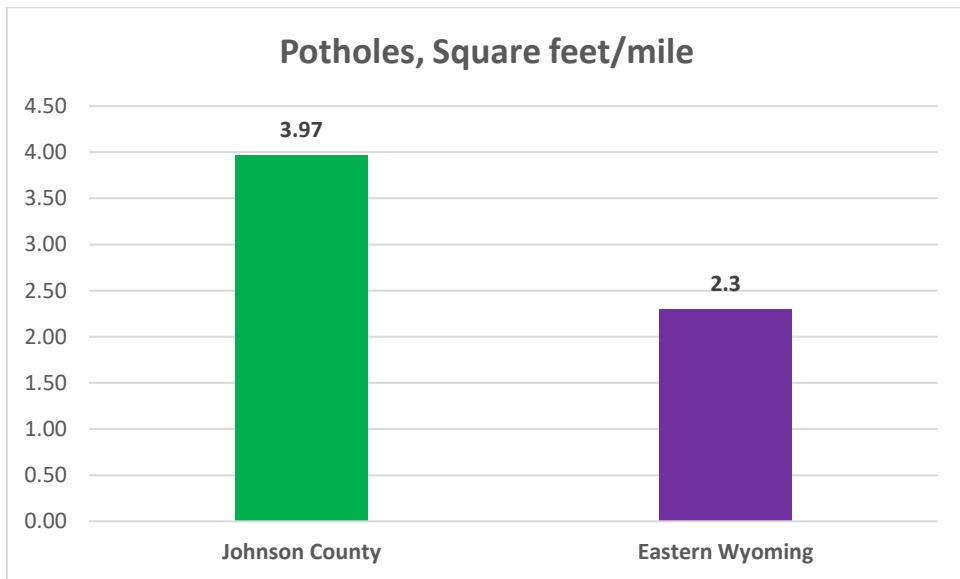
Appendix 6.7.2: Longitudinal Cracking in Johnson County vs. Eastern Side.



Appendix 6.7.3: Alligator Cracking in Johnson County vs. Eastern Side.

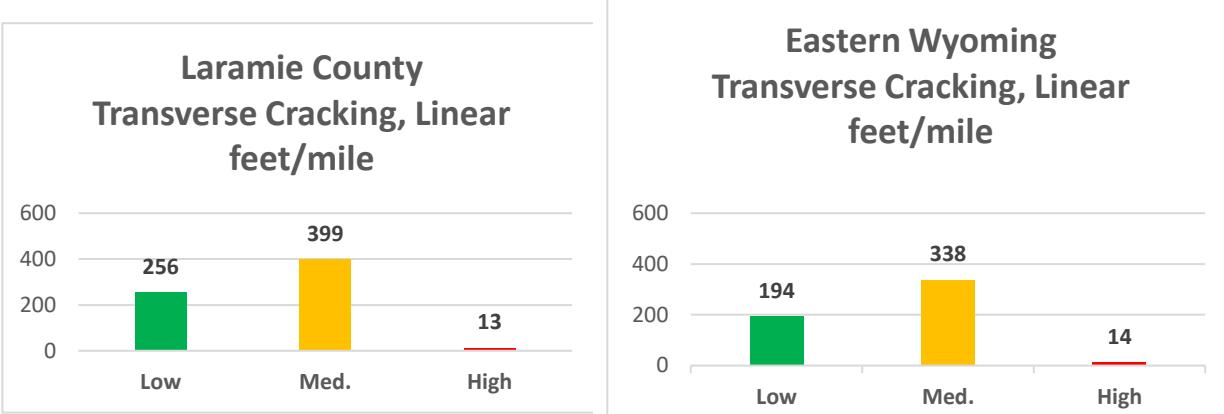


Appendix 6.7.4: Patching in Johnson County vs. Eastern Side.

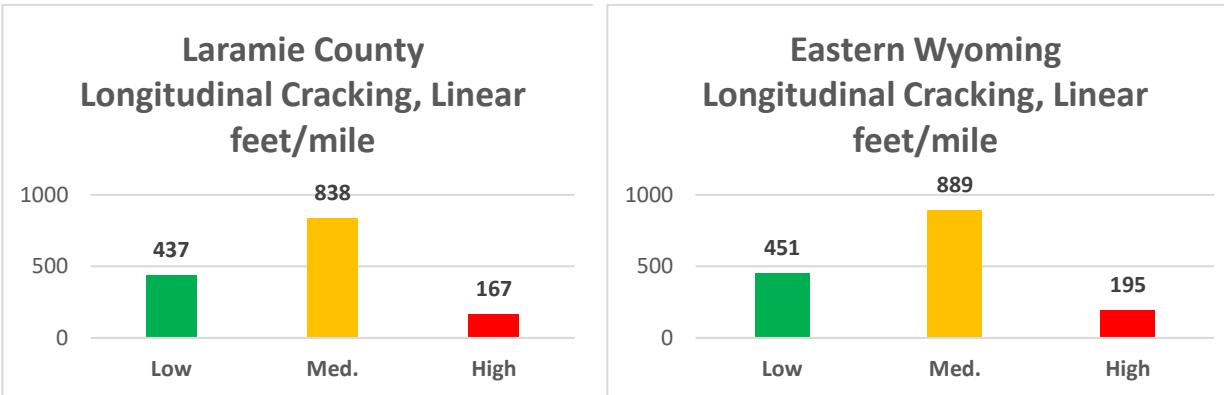


Appendix 6.7.5: Potholes in Johnson County vs. Eastern Side.

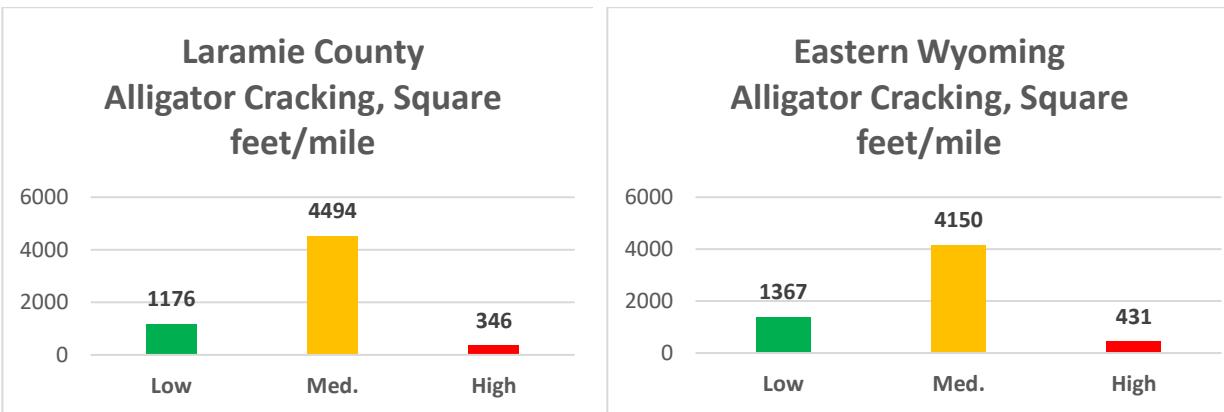
Appendix 6.8: Laramie County



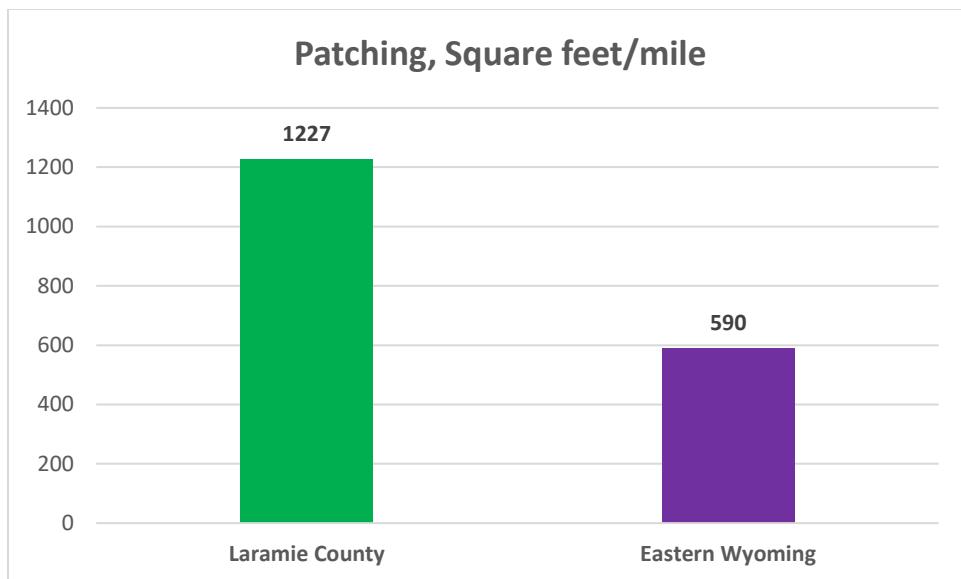
Appendix 6.8.1: Transverse Cracking in Laramie County vs. Eastern Side.



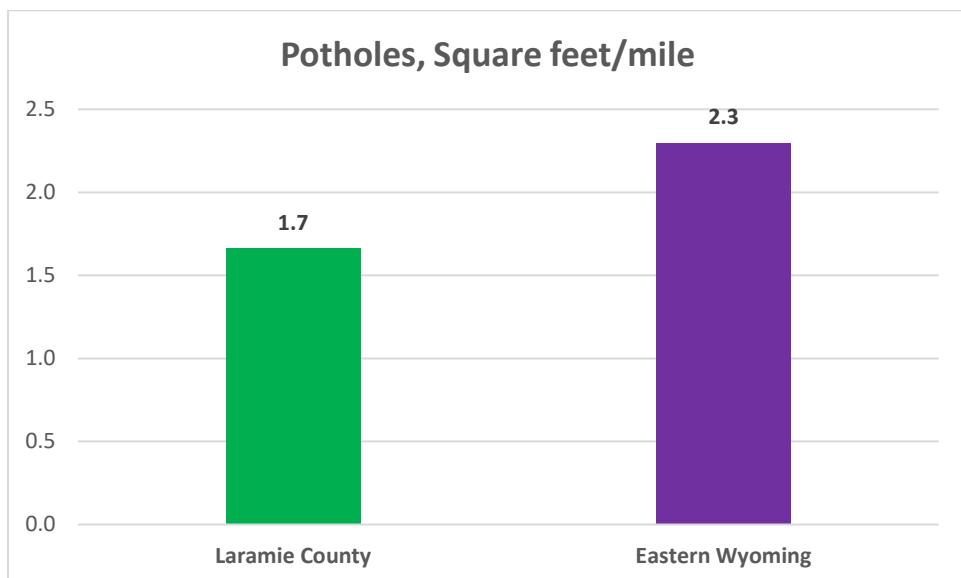
Appendix 6.8.2: Longitudinal Cracking in Laramie County vs. Eastern Side.



Appendix 6.8.3: Alligator Cracking in Laramie County vs. Eastern Side.



Appendix 6.8.4: Patching in Laramie County vs. Eastern Side.

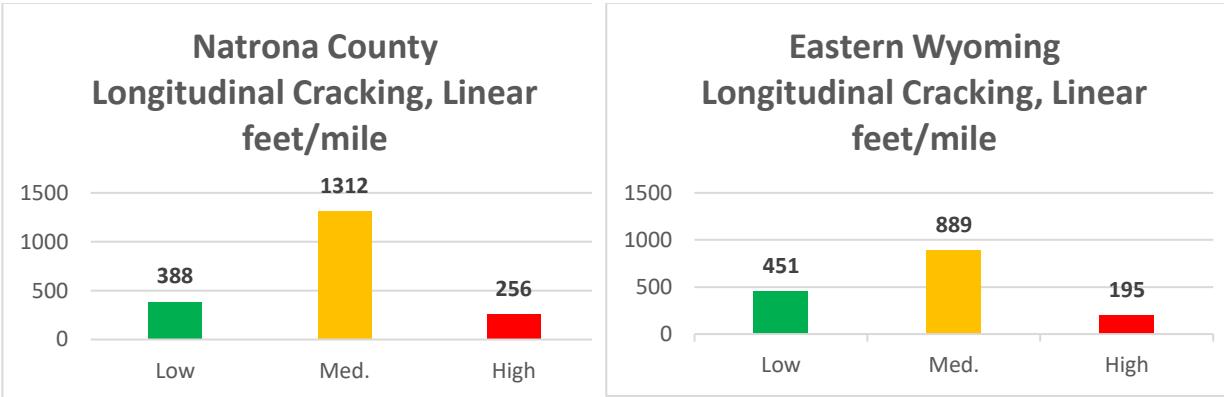


Appendix 6.8.5: Potholes in Laramie County vs. Eastern Side.

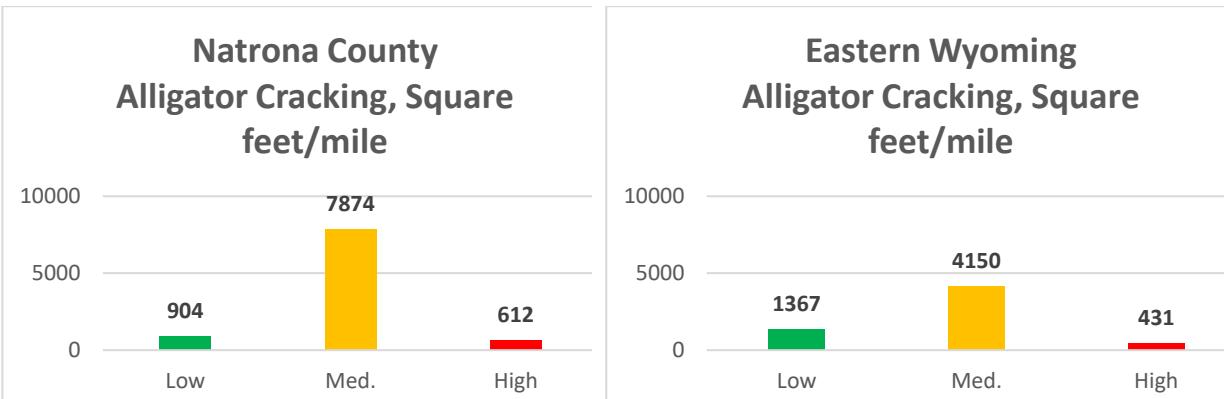
Appendix 6.9: Natrona County



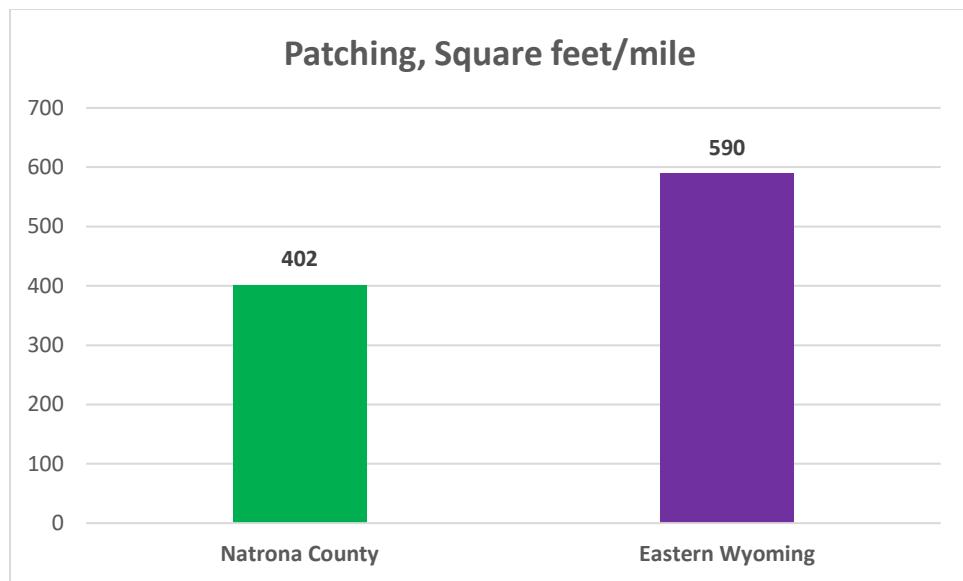
Appendix 6.9.1: Transverse Cracking in Natrona County vs. Eastern Side.



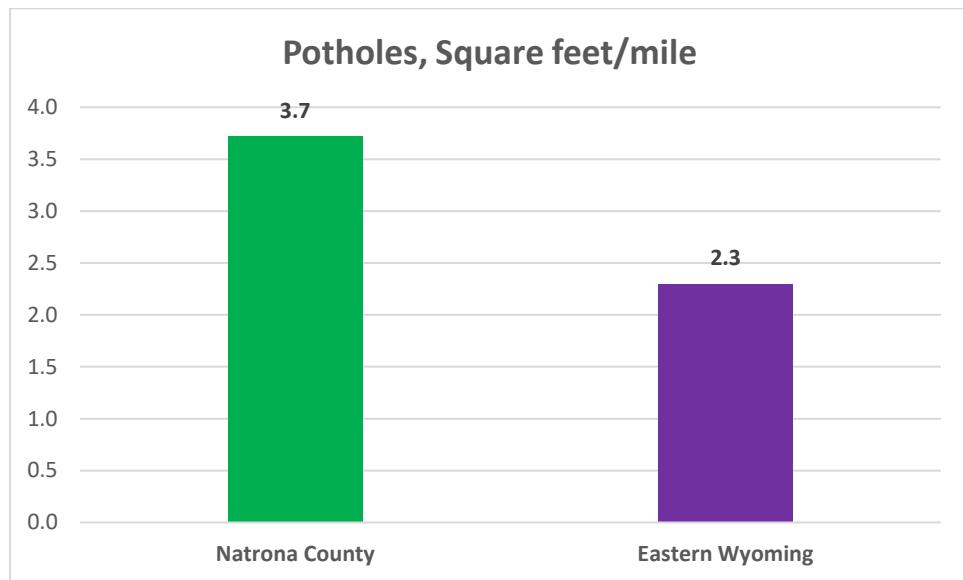
Appendix 6.9.2: Longitudinal Cracking in Natrona County vs. Eastern Side.



Appendix 6.9.3: Alligator Cracking in Natrona County vs. Eastern Side.

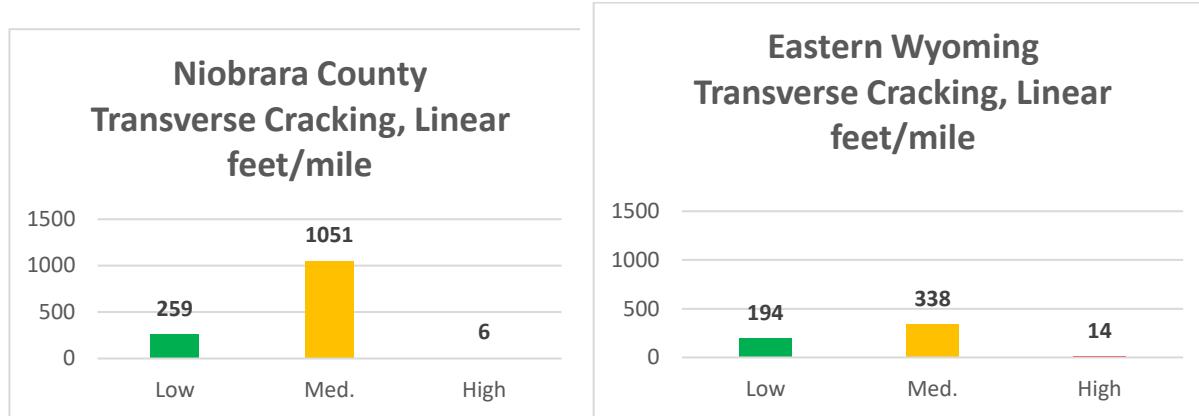


Appendix 6.9.4: Patching in Natrona County vs. Eastern Side.

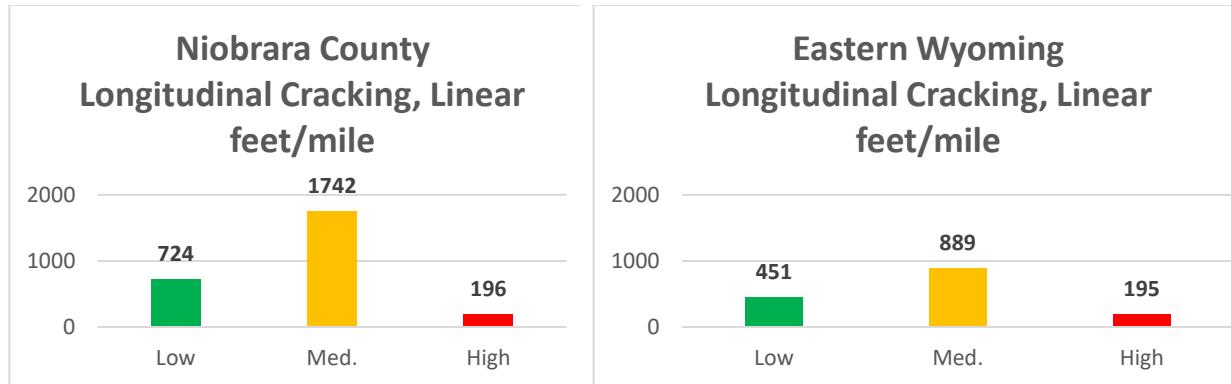


Appendix 6.9.5: Potholes in Natrona County vs. Eastern Side.

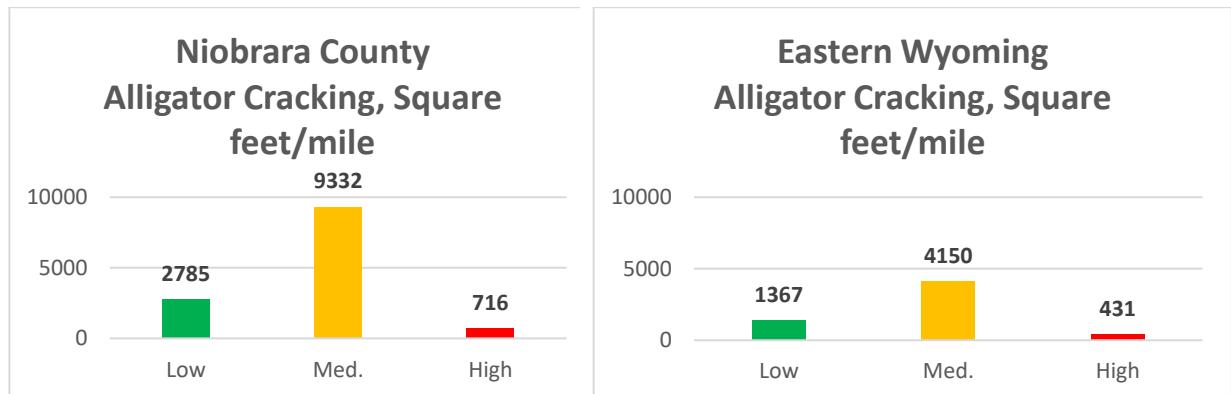
Appendix 6.10: Niobrara County



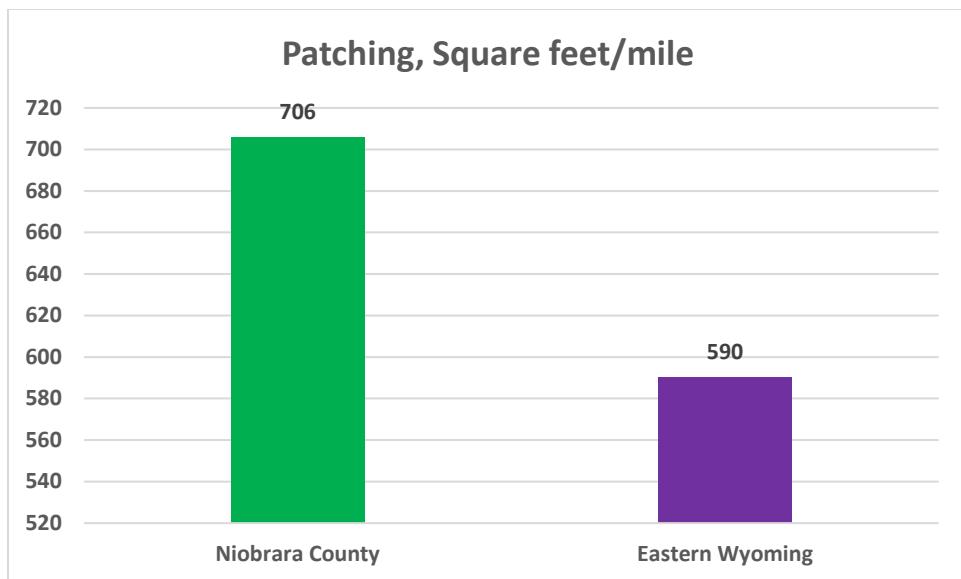
Appendix 6.10.1: Transverse Cracking in Niobrara County vs. Eastern Side.



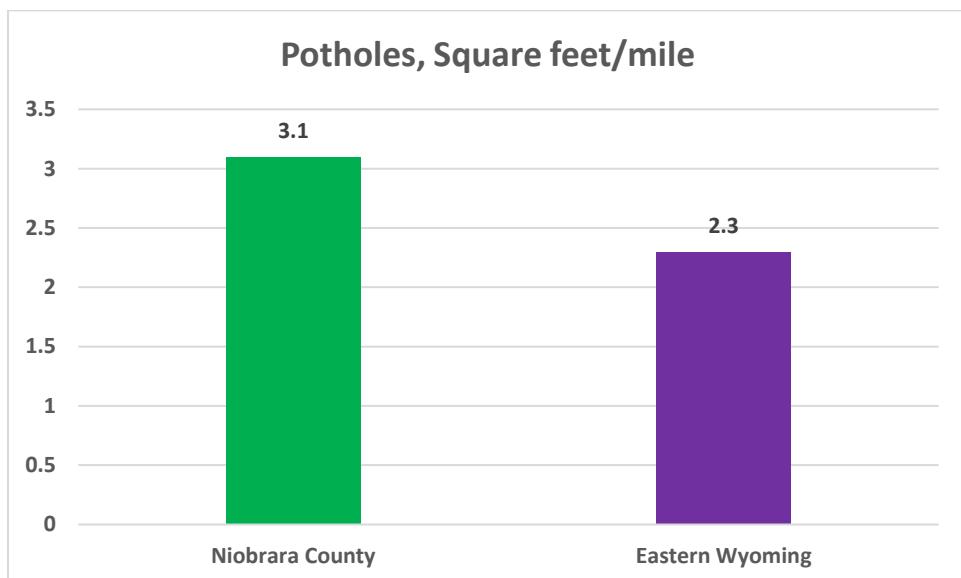
Appendix 6.10.2: Longitudinal Cracking in Niobrara County vs. Eastern Side.



Appendix 6.10.3: Alligator Cracking in Niobrara County vs. Eastern Side.

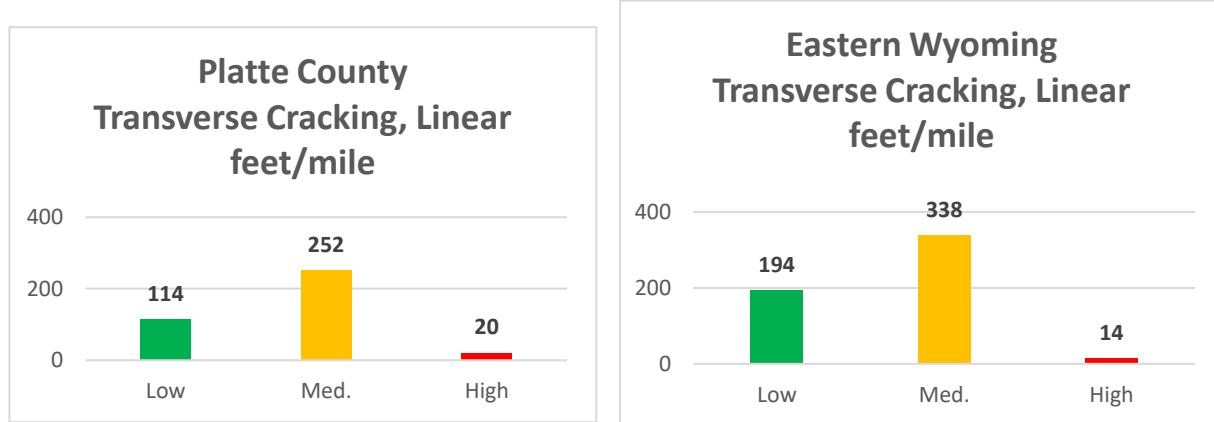


Appendix 6.10.4: Patching in Niobrara County vs. Eastern Side.

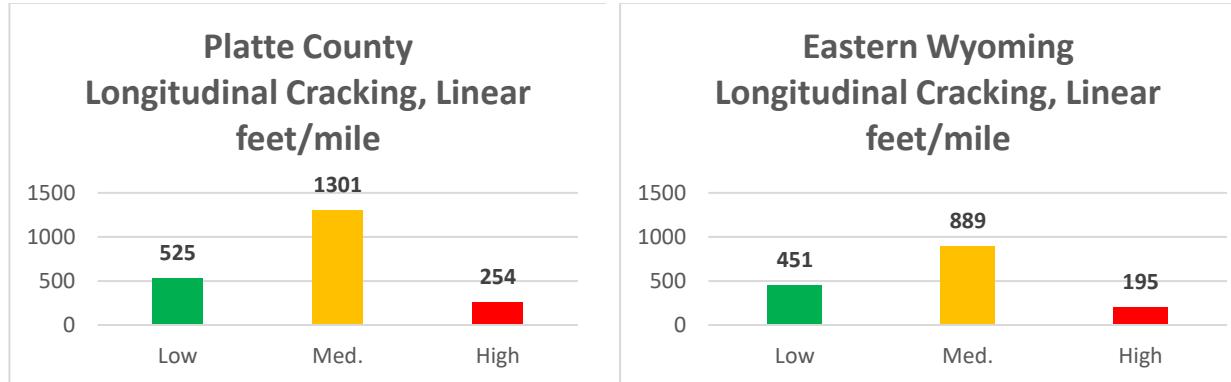


Appendix 6.10.5: Potholes in Niobrara County vs. Eastern Side.

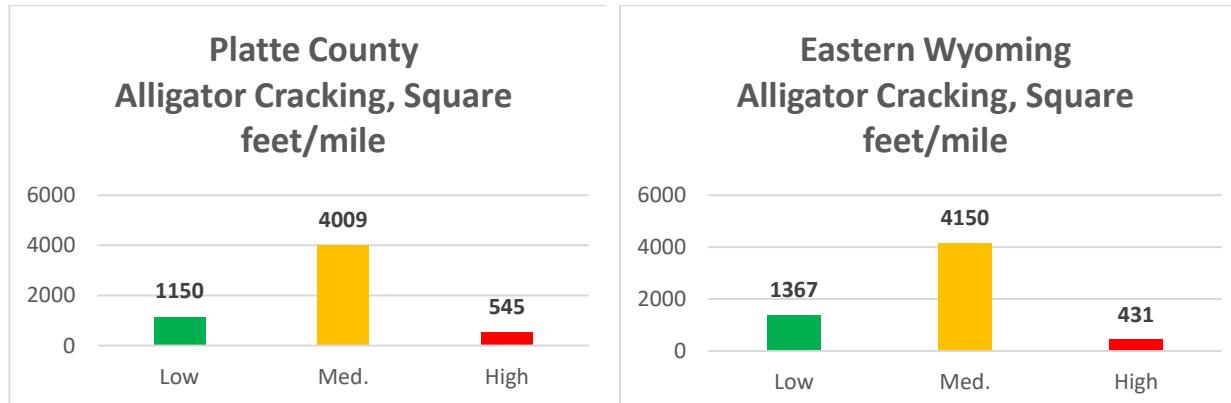
Appendix 6.11: Platte County



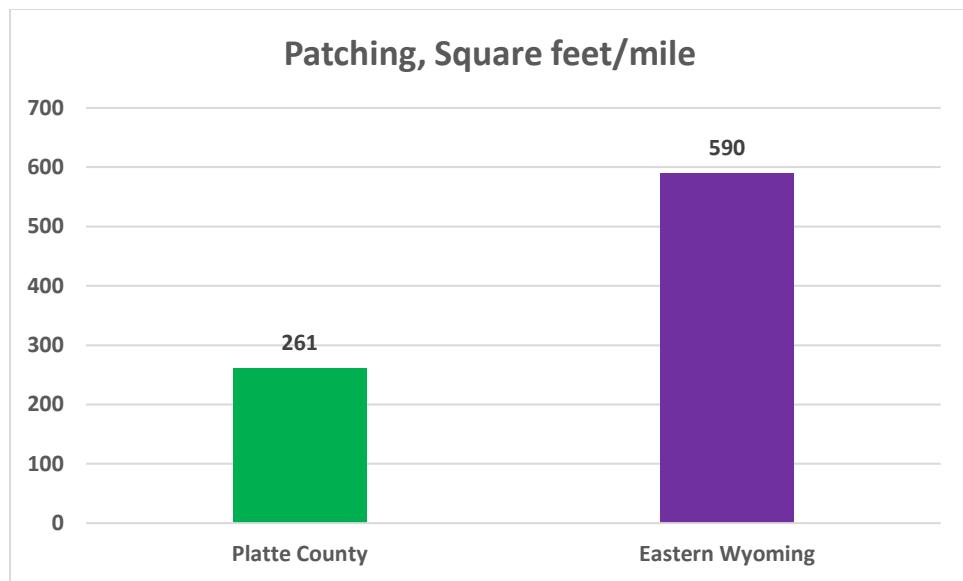
Appendix 6.11.1: Transverse Cracking in Platte County vs. Eastern Side.



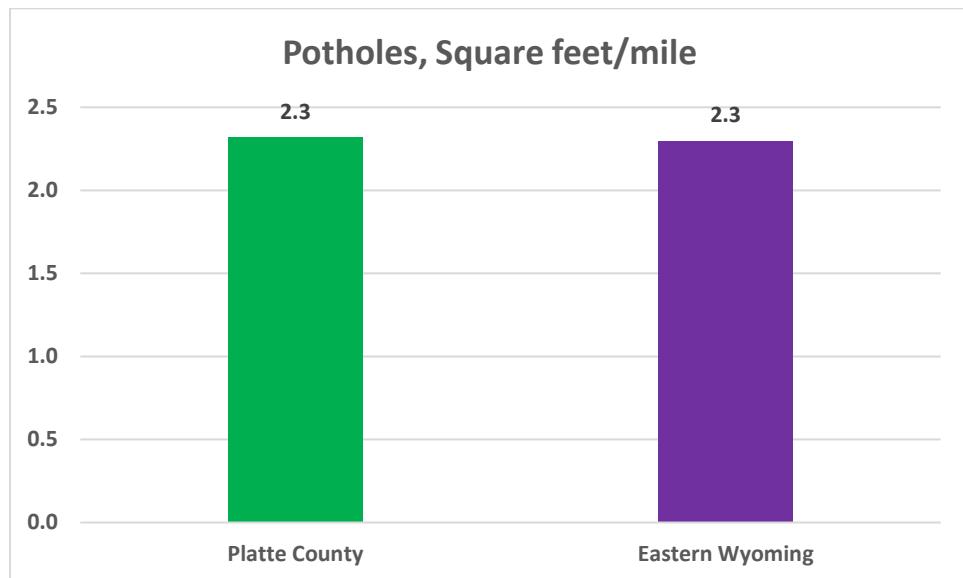
Appendix 6.11.2: Longitudinal Cracking in Platte County vs. Eastern Side.



Appendix 6.11.3: Alligator Cracking in Platte County vs. Eastern Side.

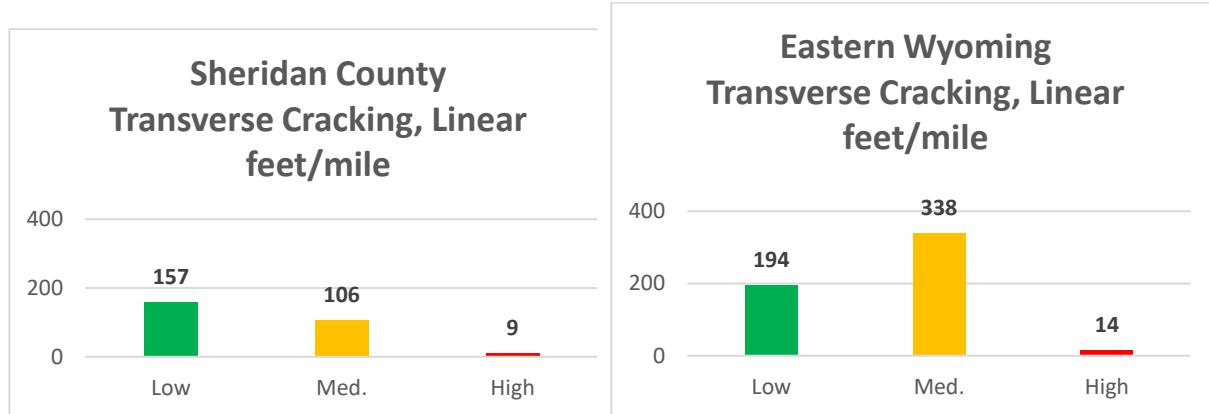


Appendix 6.11.4: Patching in Platte County vs. Eastern Side.

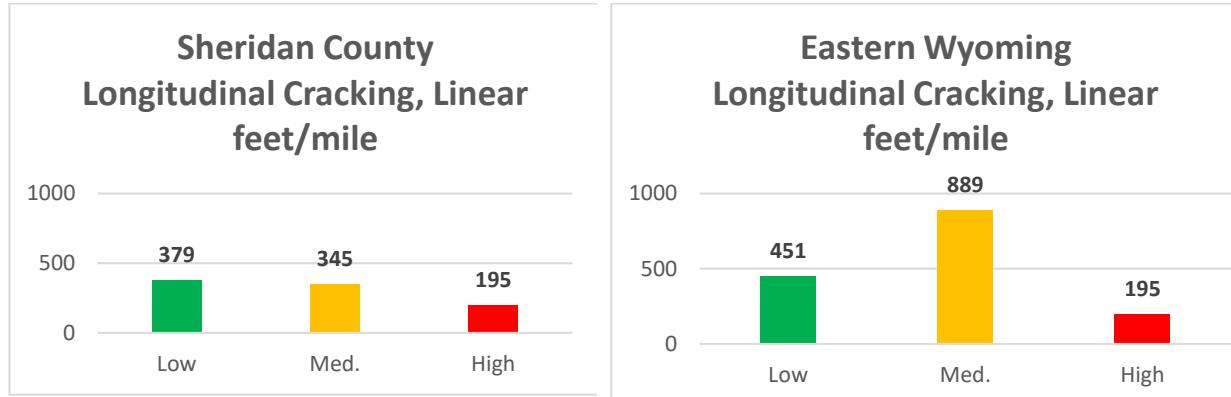


Appendix 6.11.5: Potholes in Platte County vs. Eastern Side.

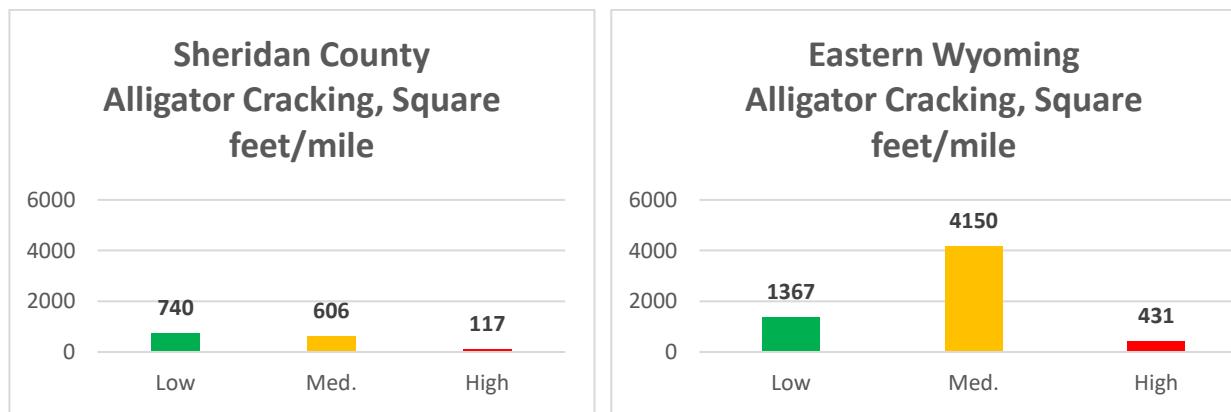
Appendix 6.12: Sheridan County



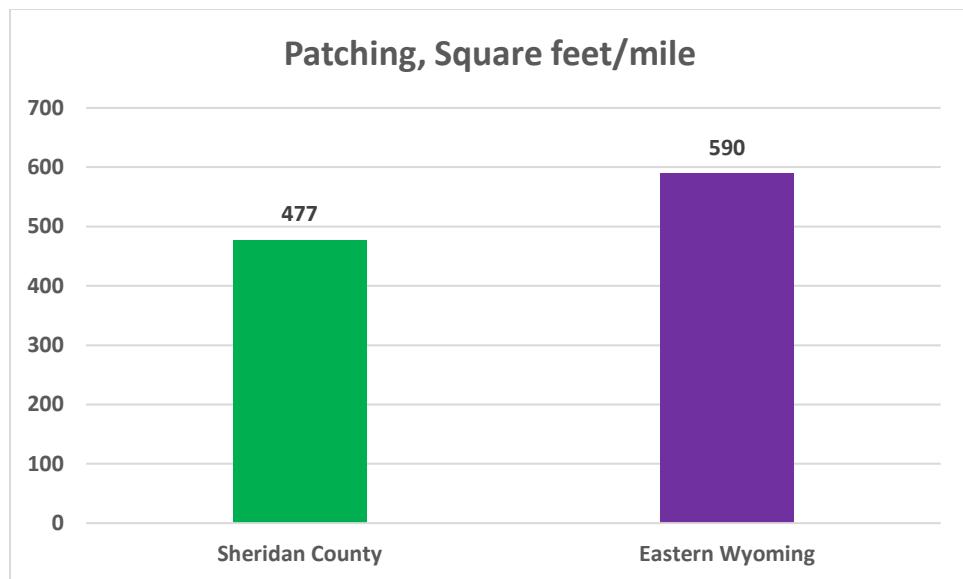
Appendix 6.12.1: Transverse Cracking in Sheridan County vs. Eastern Side.



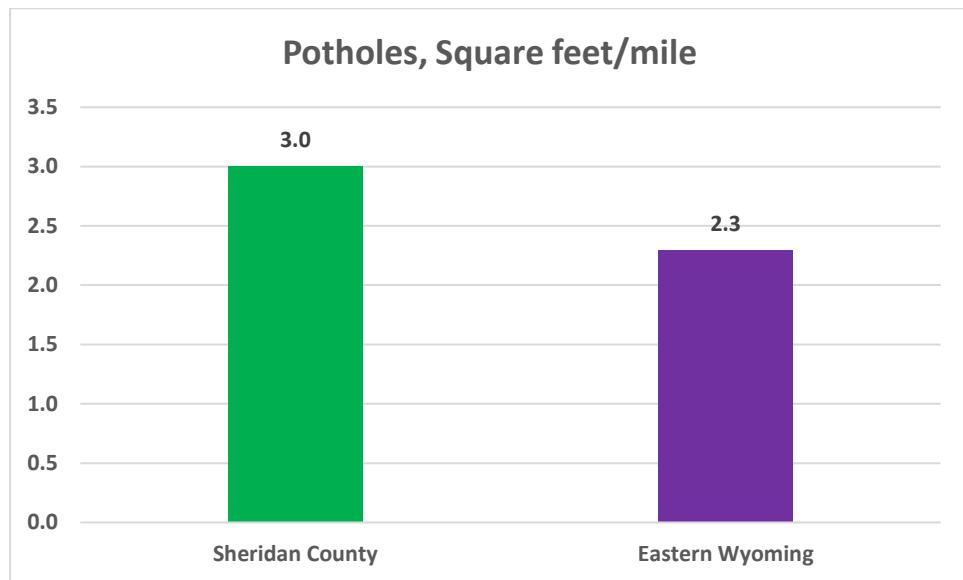
Appendix 6.12.2: Longitudinal Cracking in Sheridan County vs. Eastern Side.



Appendix 6.12.3: Alligator Cracking in Sheridan County vs. Eastern Side.

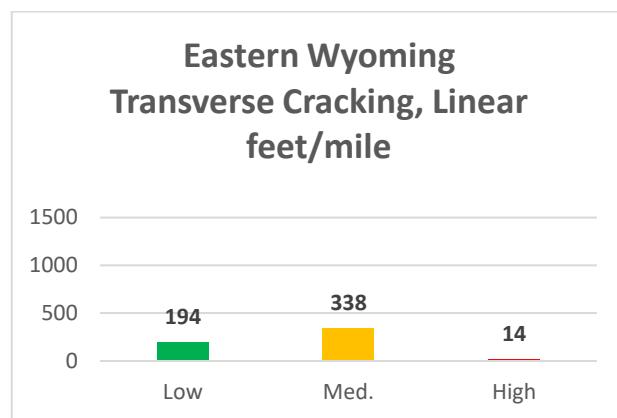
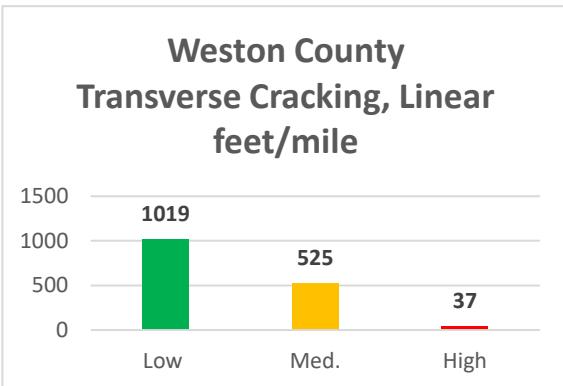


Appendix 6.12.4: Patching in Sheridan County vs. Eastern Side.

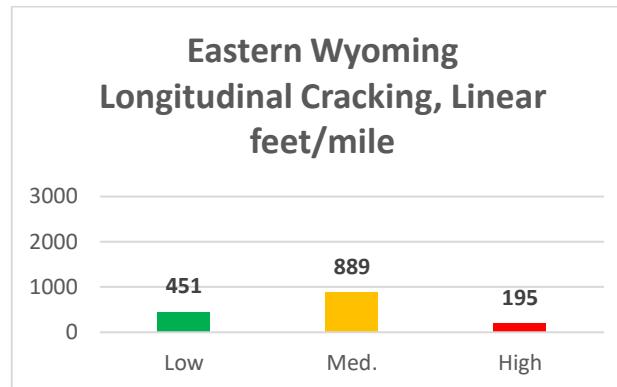
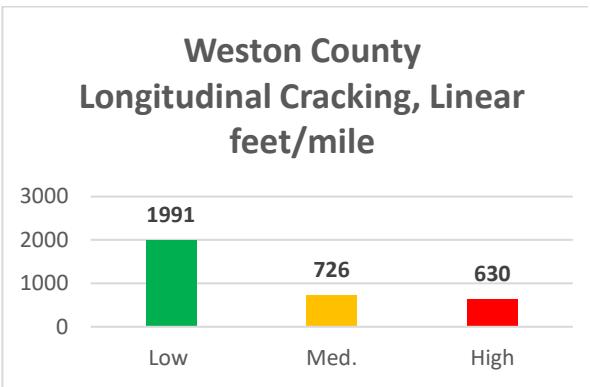


Appendix 6.12.5: Potholes in Sheridan County vs. Eastern Side.

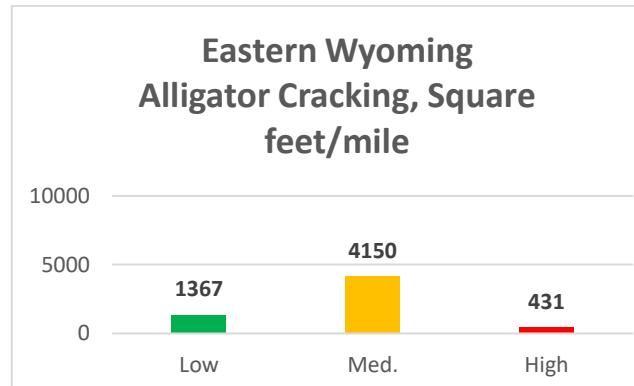
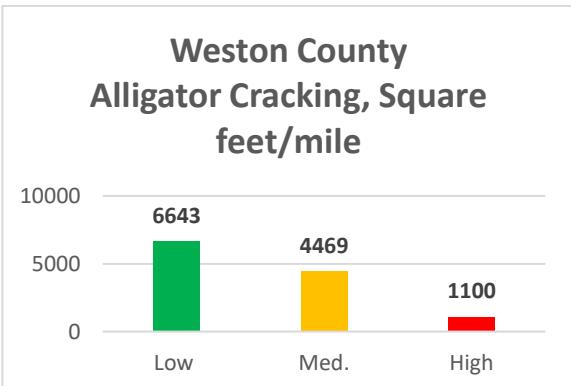
Appendix 6.13: Weston County



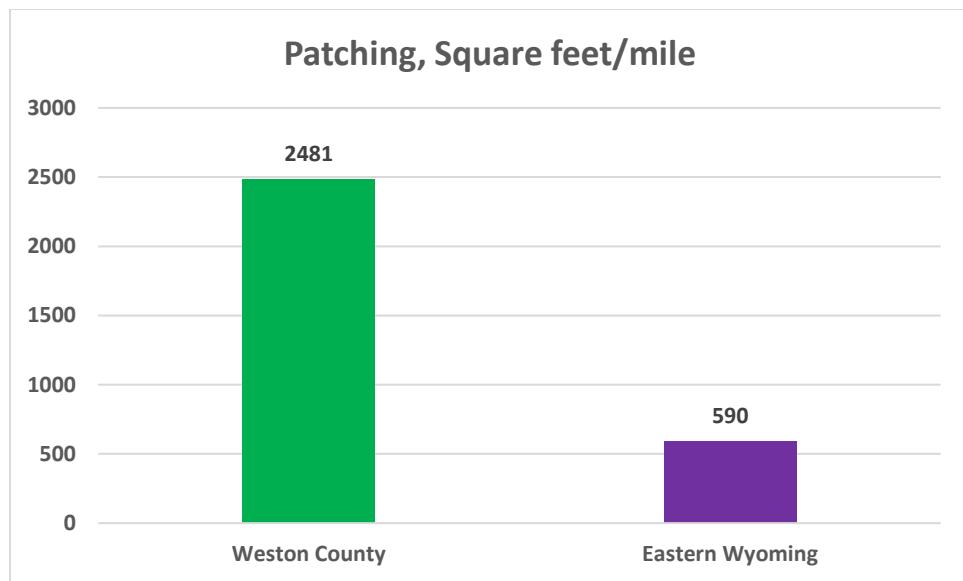
Appendix 6.13.1: Transverse Cracking in Weston County vs. Eastern Side.



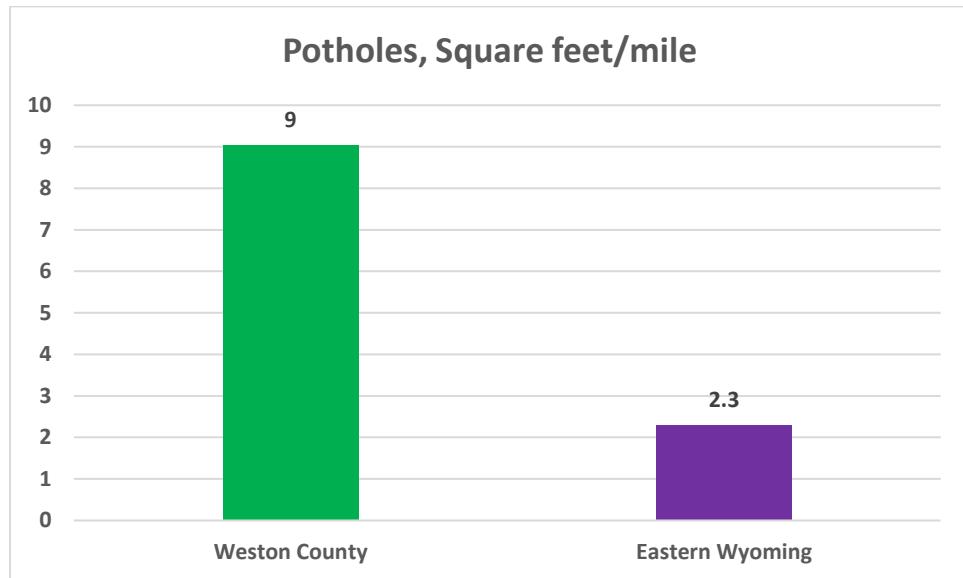
Appendix 6.13.2: Longitudinal Cracking in Weston County vs. Eastern Side.



Appendix 6.13.3: Alligator Cracking in Weston County vs. Eastern Side.



Appendix 6.13.4: Patching in Weston County vs. Eastern Side.



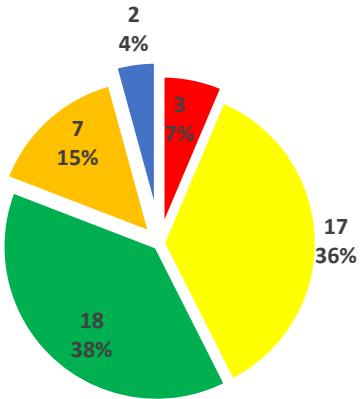
Appendix 6.13.5: Potholes in Weston County vs. Eastern Side.

APPENDIX 7: PAVEMENT SERVICEABILITY INDEX (PSI) SUMMARIES

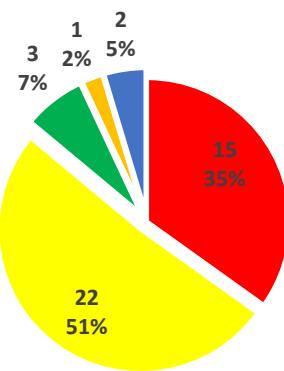
Appendix 7.1: Albany County

Appendix 7.1.1: PSI in Albany County vs. Statewide and Eastern Side in 2018 and 2020.

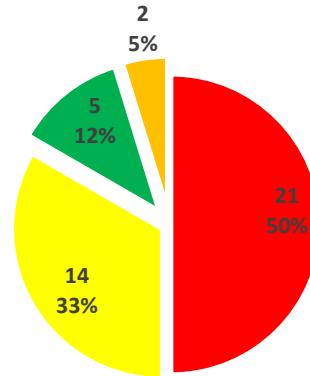
	Albany County, 2018	Albany County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Greater than 3.5	2 (5%)	0 (0%)	6 (0%)	0 (0%)	78 (3%)
3.01 – 3.5	1 (2%)	2 (5%)	52 (4%)	42 (4%)	177 (7%)
2.51 – 3.0	3 (7%)	5 (12%)	103 (9%)	139 (12%)	239 (10%)
2 – 2.5	22 (51%)	14 (33%)	205 (18%)	177 (16%)	187 (8%)
Less than 2	15 (35%)	21 (50%)	773 (67%)	765 (68%)	1,658 (68%)
Missing	0 (0%)	0 (0%)	20 (2%)	0 (0%)	106 (4%)
Total	43 (100%)	42 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



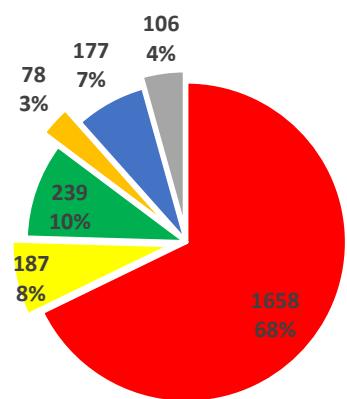
Albany County 2014



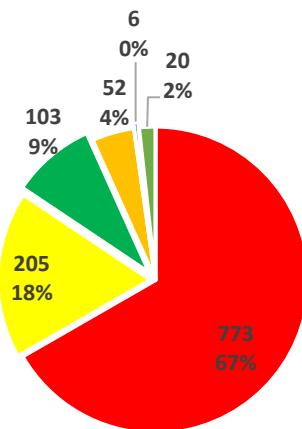
Albany County 2018



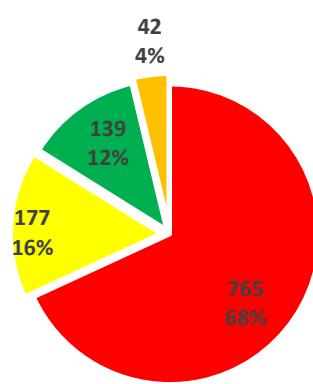
Albany County 2020



Statewide, 2014



Eastern side of the State 2018



Eastern Side of the State 2020

■ Less than 2

■ 2.00-2.50

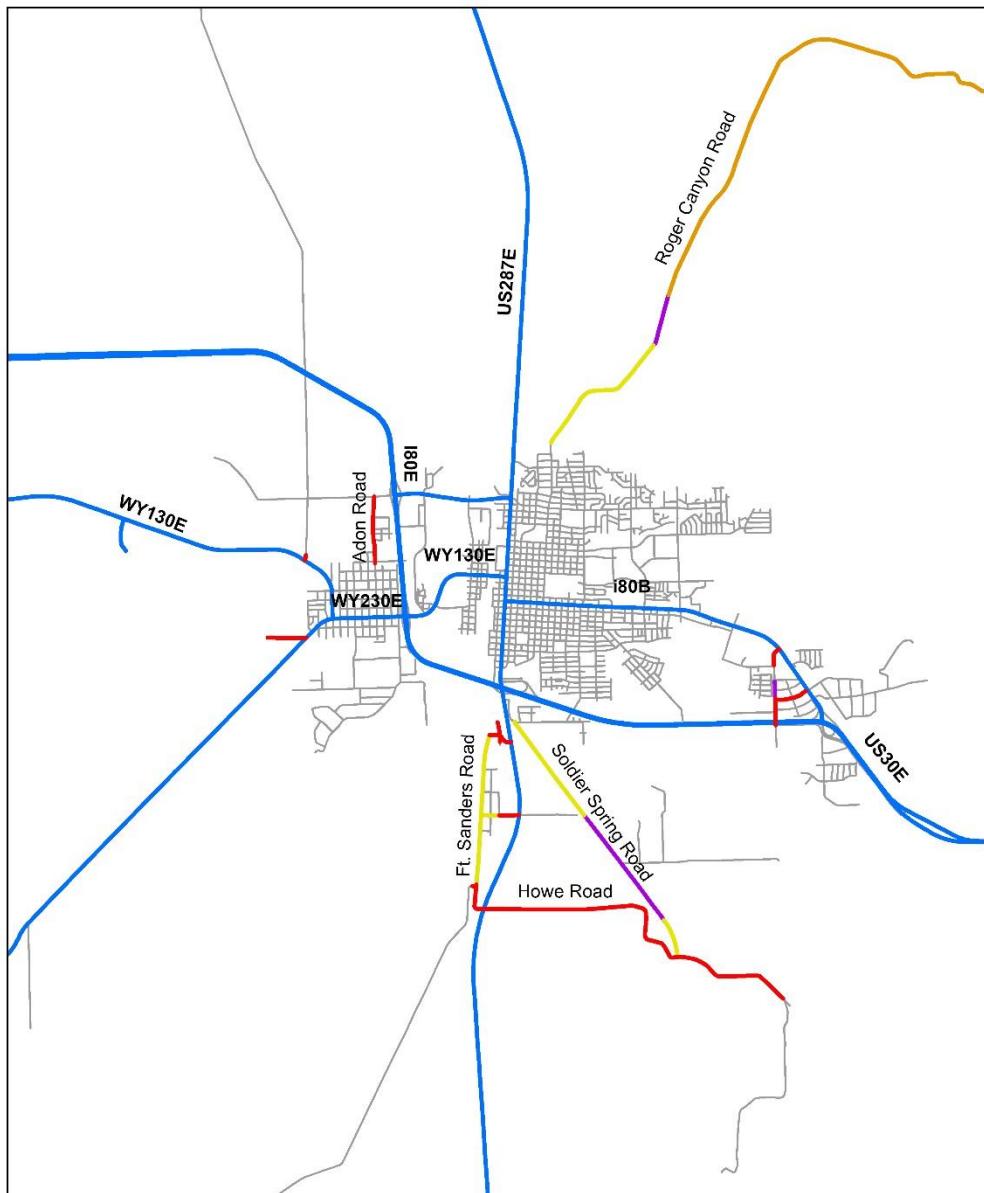
■ 2.51-3.00

■ 3.01-3.50

■ Greater than 3.5

■ Missing

Appendix 7.1.2: PSI in Albany County vs. Statewide and Eastern Side in 2018 and 2020



Pavement Serviceability Index

0 0.5 1 2 3 4 Miles

Less than 2.0

2.00-2.50

2.51-3.00

All Roads

Greater than 3.50

State Highways

N

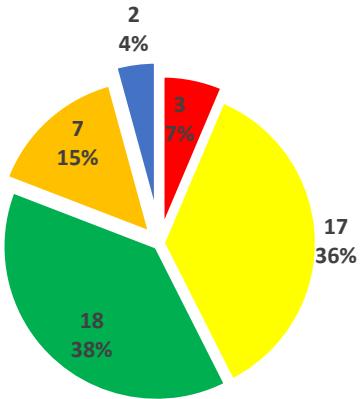


Appendix 7.1.3: Pavement Serviceability Index (PSI) in Albany County.

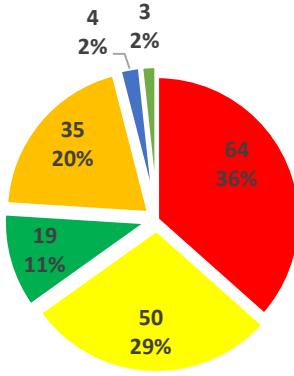
Appendix 7.2: Campbell County

Appendix 7.2.1: PSI in Campbell County vs. Statewide and Eastern Side in 2018 and 2020.

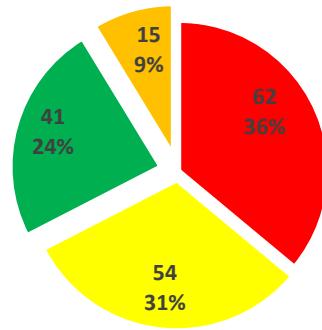
	Campbell County, 2018	Campbell County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Greater than 3.5	4 (2%)	0 (0%)	6 (0%)	0 (0%)	78 (3%)
3.01 – 3.5	35 (20%)	15 (9%)	52 (4%)	42 (4%)	177 (7%)
2.51 – 3.0	19 (11%)	41 (24%)	103 (9%)	139 (12%)	239 (10%)
2 – 2.5	50 (29%)	54 (31%)	205 (18%)	177 (16%)	187 (8%)
Less than 2	64 (36%)	62 (36%)	773 (67%)	765 (68%)	1,658 (68%)
Missing	3 (2%)	0 (0%)	20 (2%)	0 (0%)	106 (4%)
Total	175 (100%)	171 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



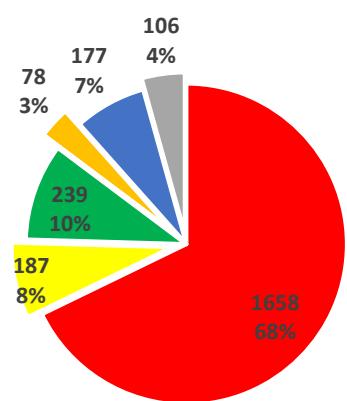
Campbell County
2014



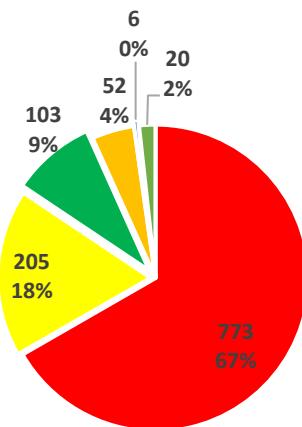
Campbell County
2018



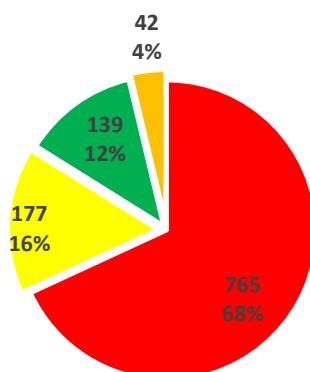
Campbell County
2020



Statewide, 2014



Eastern side of the
State 2018



Eastern Side of
the State 2020

■ Less than 2

■ 2.00-2.50

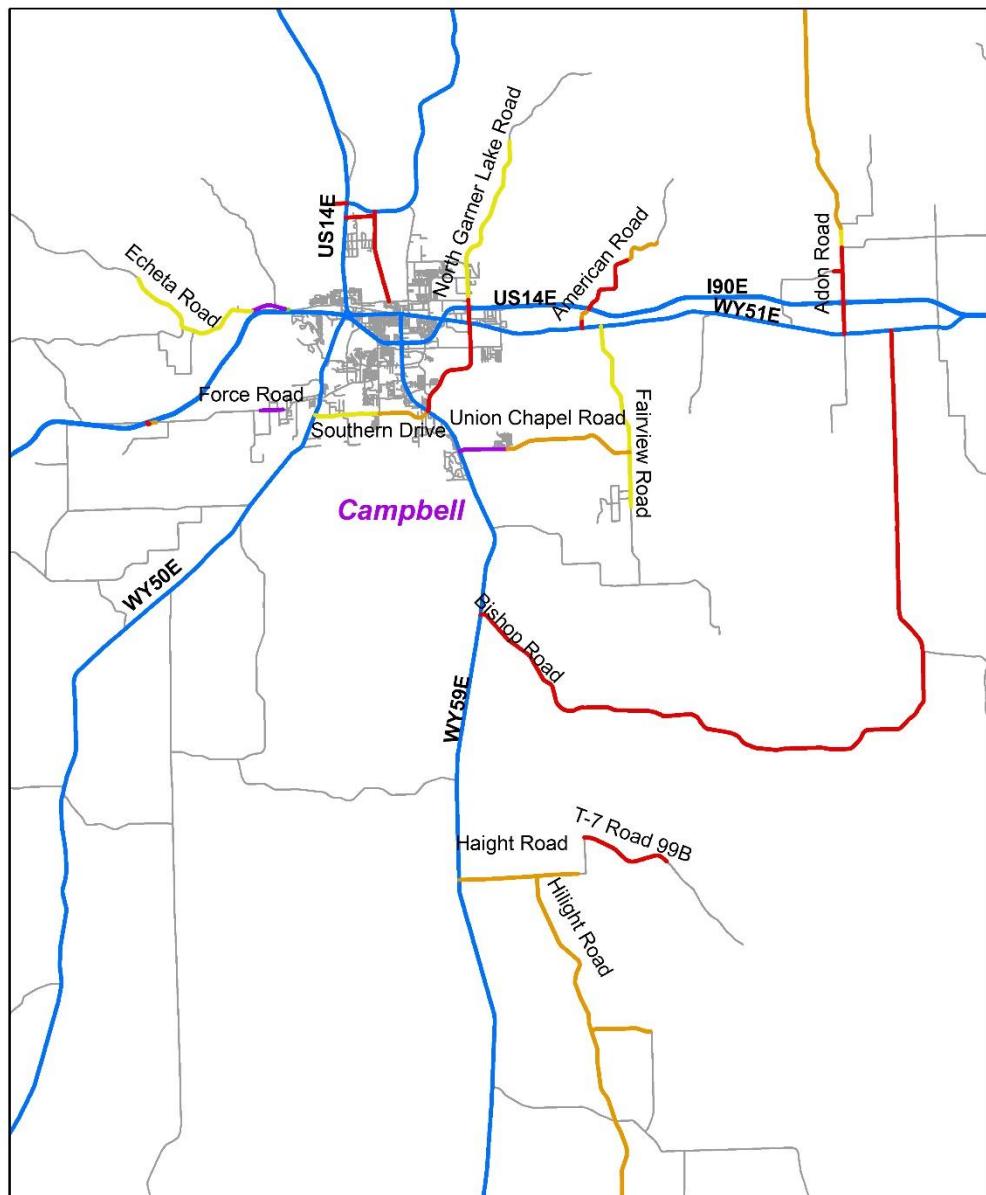
■ 2.51-3.00

■ 3.01-3.50

■ Greater than 3.5

■ Missing

Appendix 7.2.2: PSI in Campbell County vs. Statewide and Eastern Side in 2018 and 2020



Pavement Serviceability Index

0 1.5 3 6 9 12 Miles

- Less than 2.0
- 3.01-3.50
- 2.00-2.50
- 2.51-3.00
- Greater than 3.50
- State Highways

— All Roads

N

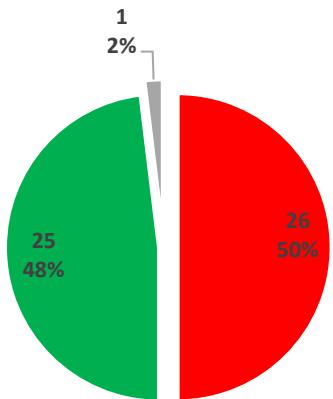


Appendix 7.2.3: Pavement Serviceability Index (PSI) in Campbell County.

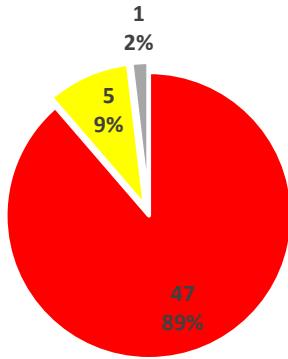
Appendix 7.3: Carbon County

Appendix 7.3.1: PSI in Carbon County vs. Statewide and Eastern Side in 2018 and 2020.

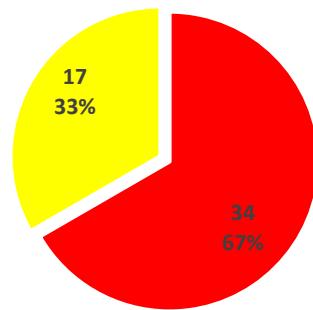
	Carbon County, 2018	Carbon County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Greater than 3.5	0(0%)	0 (0%)	6 (0%)	0 (0%)	78 (3%)
3.01 – 3.5	0 (0%)	0 (0%)	52 (4%)	42 (4%)	177 (7%)
2.51 – 3.0	0 (0%)	0 (0%)	103 (9%)	139 (12%)	239 (10%)
2 – 2.5	5 (9%)	17 (33%)	205 (18%)	177 (16%)	187 (8%)
Less than 2	47 (89%)	34 (67%)	773 (67%)	765 (68%)	1,658 (68%)
Missing	1 (2%)	0 (0%)	20 (2%)	0 (0%)	106 (4%)
Total	53 (100%)	51 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



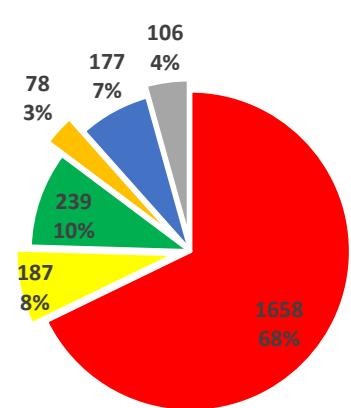
**Carbon County
2014**



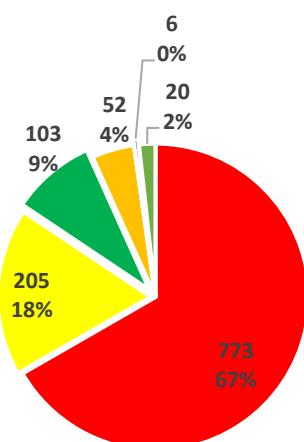
**Carbon County
2018**



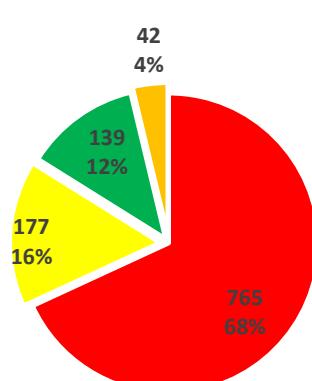
**Carbon County
2020**



Statewide, 2014



**Eastern side of the
State 2018**



**Eastern Side of
the State 2020**

■ Less than 2

■ 2.00-2.50

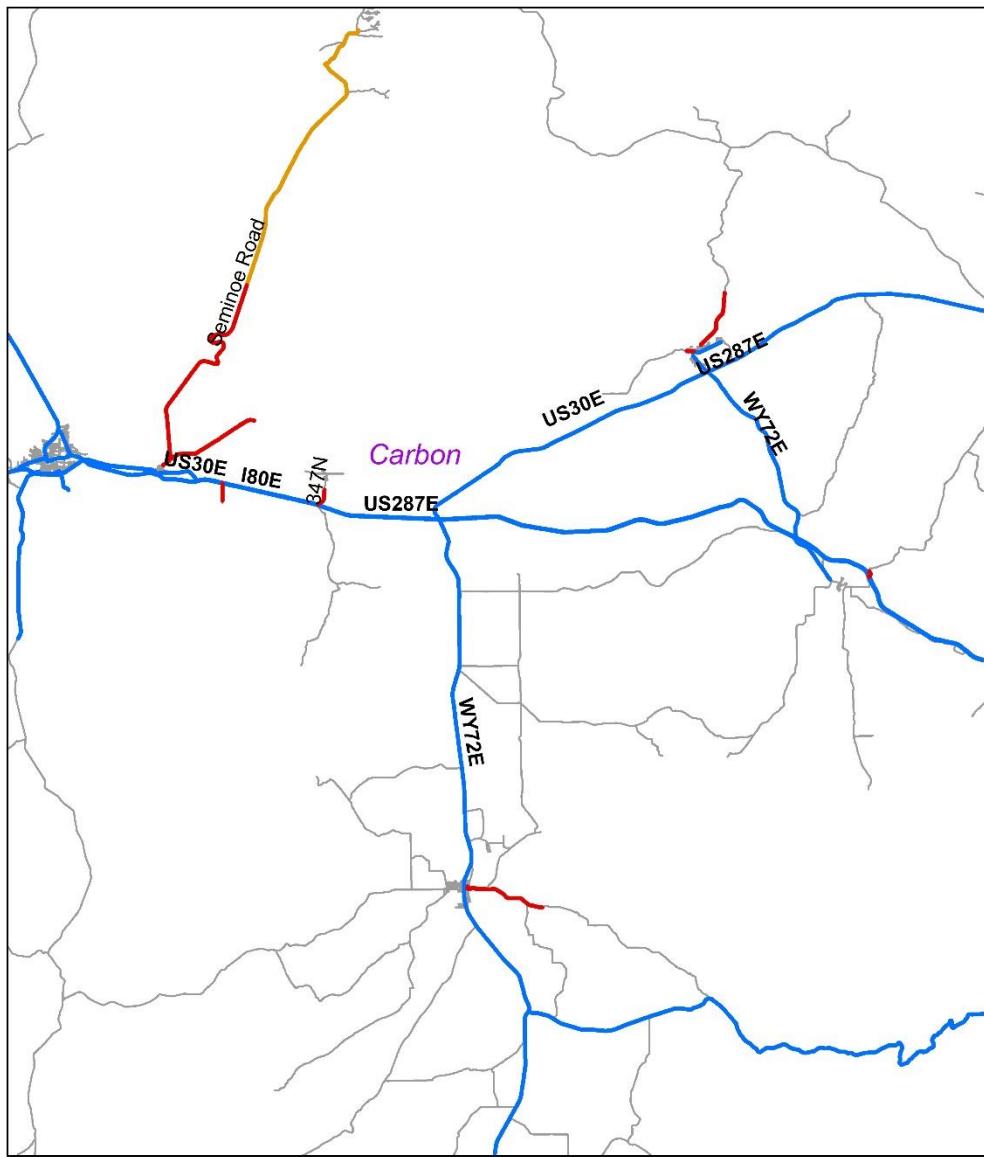
■ 2.51-3.00

■ 3.01-3.50

■ Greater than 3.5

■ Missing

Appendix 7.3.2: PSI in Carbon County vs. Statewide and Eastern Side in 2018 and 2020



Pavement Serviceability Index

- Less than 2.0
- 2.00-2.50
- 2.51-3.00
- 3.01-3.50
- Greater than 3.50
- State Highways

0 2.5 5 10 15 20 Miles

All Roads

N

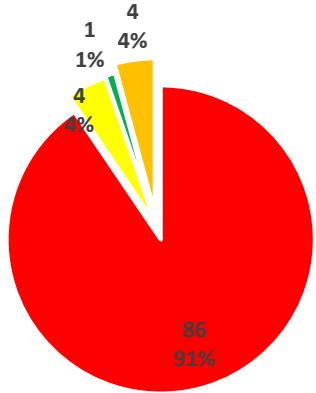


Appendix 7.3.3: Pavement Serviceability Index (PSI) in Carbon County.

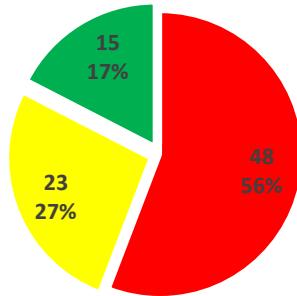
Appendix 7.4: Converse County

Appendix 7.4.1: PSI in Converse County vs. Statewide and Eastern Side in 2018 and 2020.

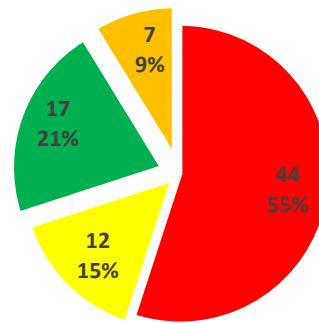
	Converse County, 2018	Converse County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Greater than 3.5	0 (0%)	0 (0%)	6 (0%)	0 (0%)	78 (3%)
3.01 – 3.5	0 (0%)	7 (9%)	52 (4%)	42 (4%)	177 (7%)
2.51 – 3.0	15 (17%)	17 (21%)	103 (9%)	139 (12%)	239 (10%)
2 – 2.5	23 (27%)	12 (15%)	205 (18%)	177 (16%)	187 (8%)
Less than 2	48 (56%)	44 (55%)	773 (67%)	765 (68%)	1,658 (68%)
Missing	0 (0%)	0 (0%)	20 (2%)	0 (0%)	106 (4%)
Total	86 (100%)	81 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



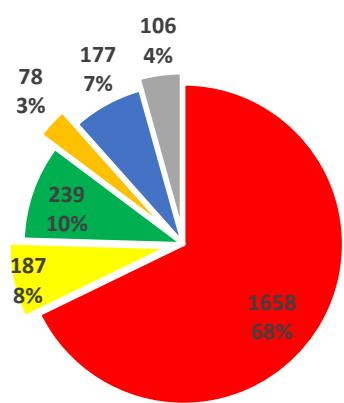
Converse County
2014



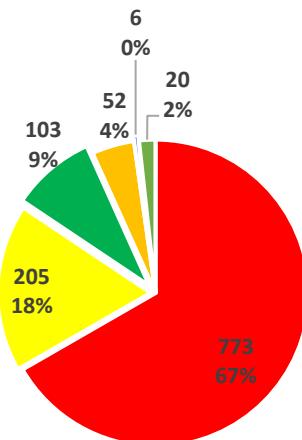
Converse County
2018



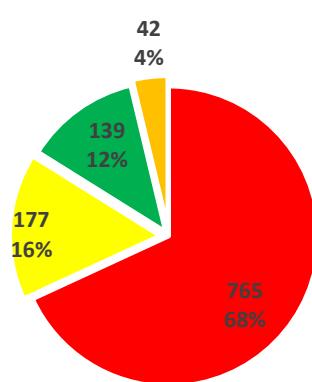
Converse County
2020



Statewide, 2014



Eastern side of the
State 2018



Eastern Side of
the State 2020

■ Less than 2

■ 2.00-2.50

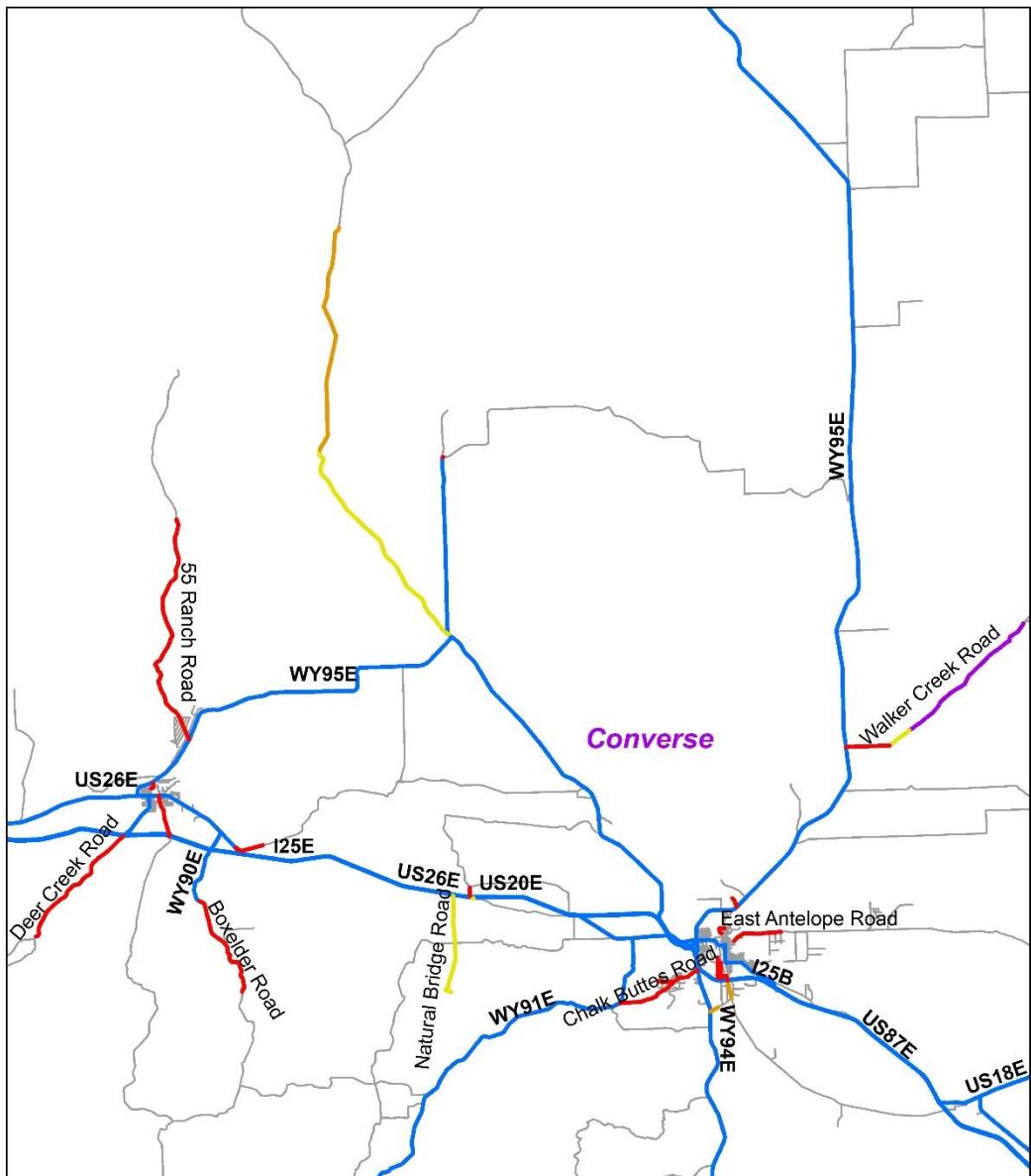
■ 2.51-3.00

■ 3.01-3.50

■ Greater than 3.5

■ Missing

Appendix 7.4.2: PSI in Converse County vs. Statewide and Eastern Side in 2018 and 2020



Pavement Serviceability Index

0 2 4 8 12 16 Miles

N

- Less than 2
- 2.00-2.50
- 2.51-3.00
- 3.01-3.50
- Greater than 3.50
- State Highways

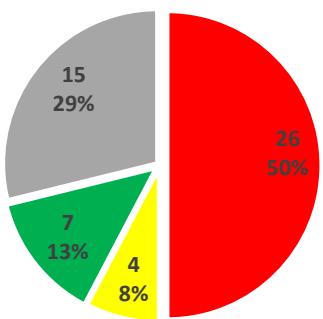
— All Roads

Appendix 7.4.3: Pavement Serviceability Index (PSI) in Converse County.

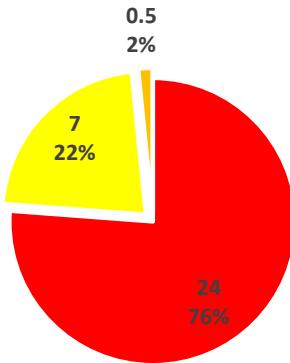
Appendix 7.5: Crook County

Appendix 7.5.1: PSI in Crook County vs. Statewide and Eastern Side in 2018 and 2020.

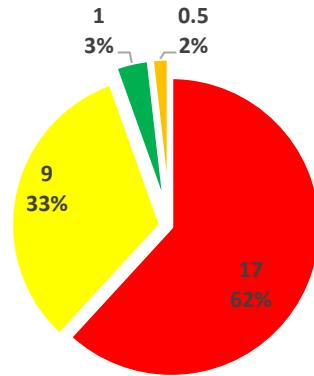
	Crook County, 2018	Crook County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Greater than 3.5	0 (0%)	0 (0%)	6 (0%)	0 (0%)	78 (3%)
3.01 – 3.5	0.45 (2%)	0.45 (2%)	0.5 (4%)	42 (4%)	177 (7%)
2.51 – 3.0	0 (0%)	1 (3%)	103 (9%)	139 (12%)	239 (10%)
2 – 2.5	7 (22%)	9 (33%)	205 (18%)	177 (16%)	187 (8%)
Less than 2	24 (76%)	17 (62%)	773 (67%)	765 (68%)	1,658 (68%)
Missing	0 (0%)	0 (0%)	20 (2%)	0 (0%)	106 (4%)
Total	31 (100%)	27 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



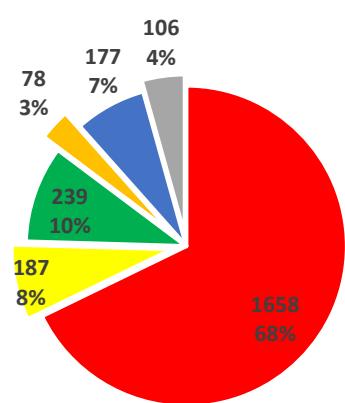
Crook County 2014



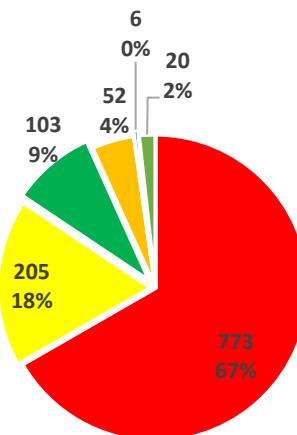
Crook County 2018



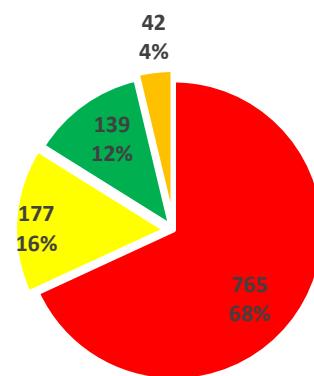
Crook County 2020



Statewide, 2014



Eastern side of the State 2018



Eastern Side of the State 2020

■ Less than 2

■ 2.00-2.50

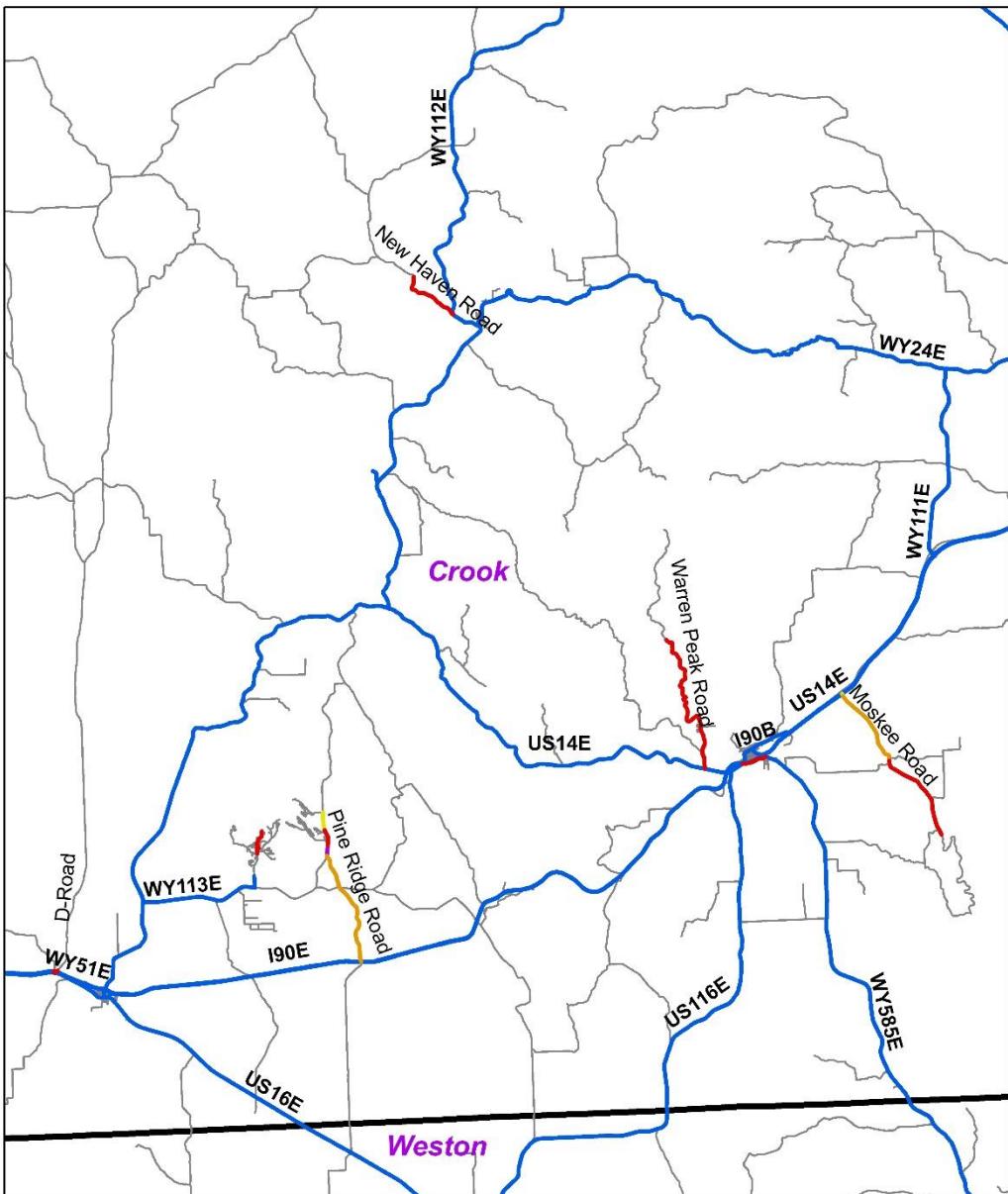
■ 2.51-3.00

■ 3.01-3.50

■ Greater than 3.5

■ Missing

Appendix 7.5.2: PSI in Crook County vs. Statewide and Eastern Side in 2018 and 2020

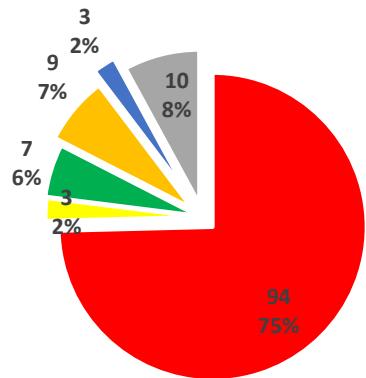


Appendix 7.5.3: Pavement Serviceability Index (PSI) in Crook County.

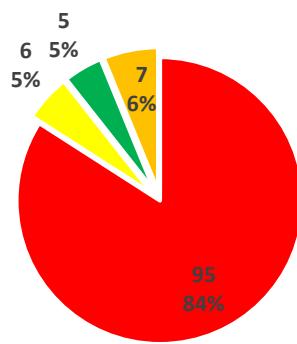
Appendix 7.6: Goshen County.

Appendix 7.6.1: PCI in Goshen County vs. Statewide and Eastern Side in 2018 and 2020.

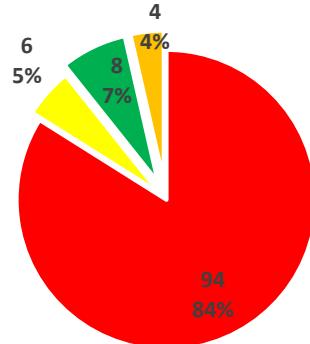
	Goshen County, 2018	Goshen County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Greater than 3.5	0 (0%)	0 (0%)	6 (0%)	0 (0%)	78 (3%)
3.01 – 3.5	7 (6%)	4 (4%)	52 (4%)	42 (4%)	177 (7%)
2.51 – 3.0	5 (5%)	8 (7%)	103 (9%)	139 (12%)	239 (10%)
2 – 2.5	6 (5%)	6 (5%)	205 (18%)	177 (16%)	187 (8%)
Less than 2	95 (84%)	94 (84%)	773 (67%)	765 (68%)	1,658 (68%)
Missing	0 (0%)	0 (0%)	20 (2%)	0 (0%)	106 (4%)
Total	113 (100%)	112 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



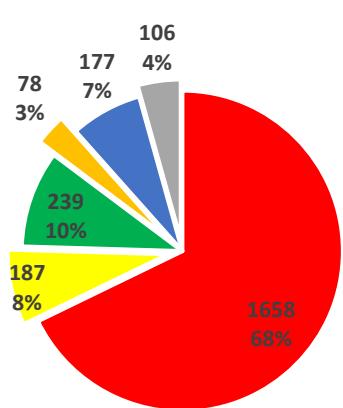
Goshen County
2014



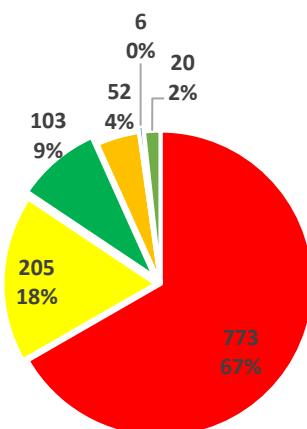
Goshen County
2018



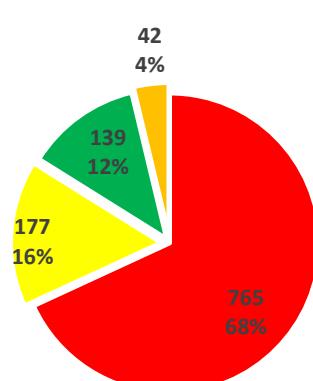
Goshen County
2020



Statewide, 2014



Eastern side of the
State 2018



Eastern Side of
the State 2020

■ Less than 2

■ 2.00-2.50

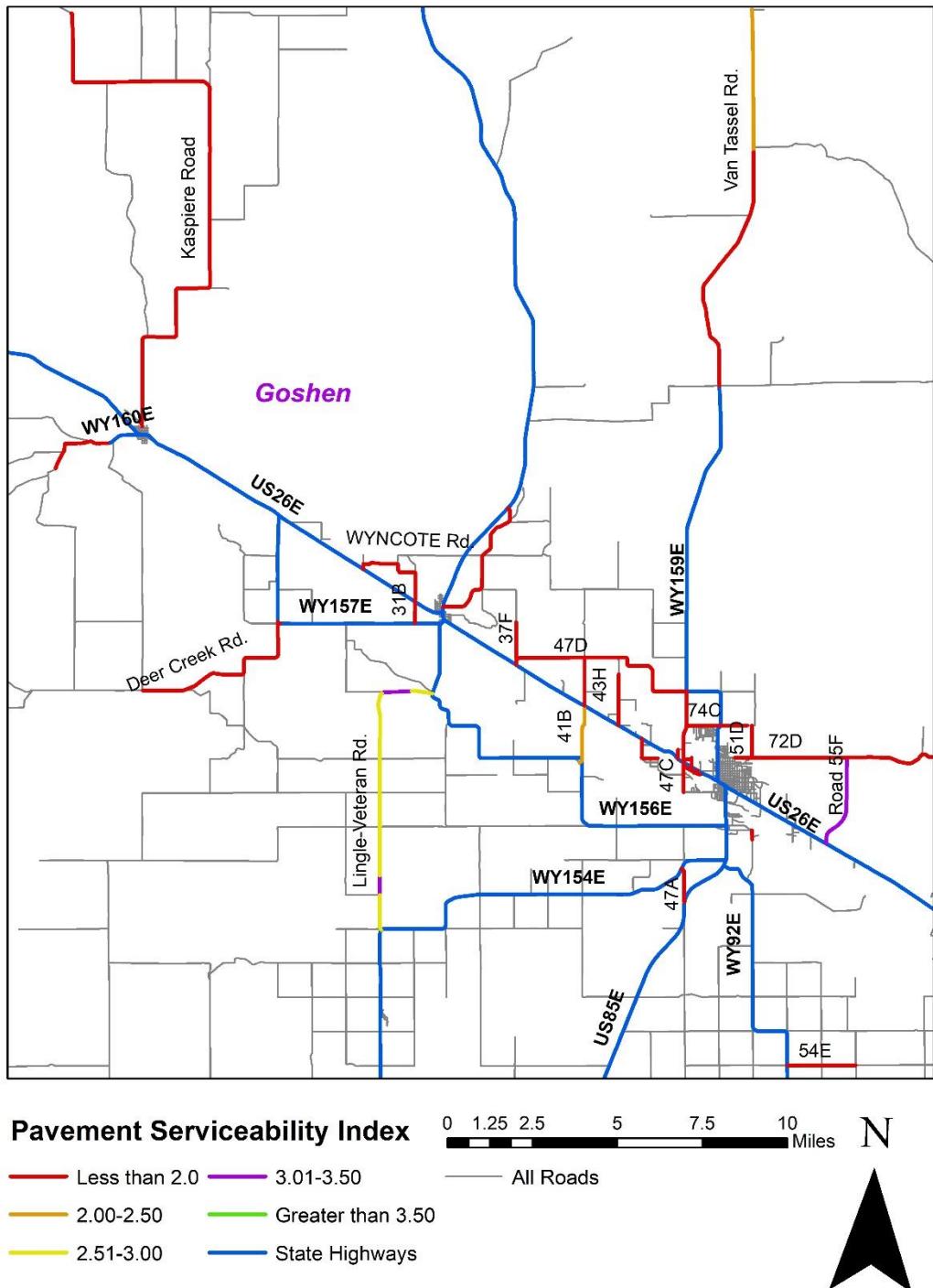
■ 2.51-3.00

■ 3.01-3.50

■ Greater than 3.5

■ Missing

Appendix 7.6.2: PSI in Goshen County vs. Statewide and Eastern Side in 2018 and 2020

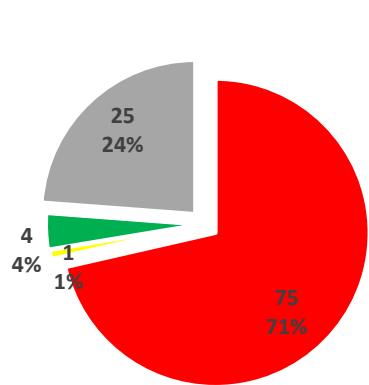


Appendix 7.6.3: Pavement Serviceability Index (PSI) in Goshen County.

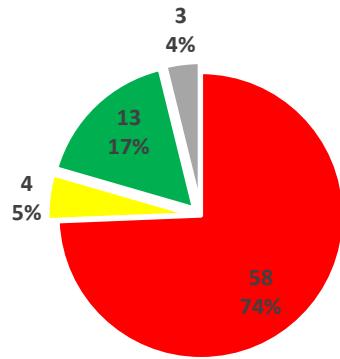
Appendix 7.7: Johnson County

Appendix 7.7.1: PSI in Johnson County vs. Statewide and Eastern Side in 2018 and 2020.

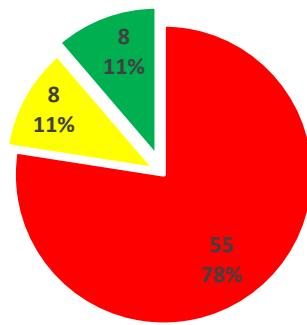
	Johnson County, 2018	Johnson County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Greater than 3.5	0 (0%)	0 (0%)	6 (0%)	0 (0%)	78 (3%)
3.01 – 3.5	0 (0%)	0 (0%)	52 (4%)	42 (4%)	177 (7%)
2.51 – 3.0	13 (17%)	8 (11%)	103 (9%)	139 (12%)	239 (10%)
2 – 2.5	4 (5%)	8 (11%)	205 (18%)	177 (16%)	187 (8%)
Less than 2	58 (74%)	55 (78%)	773 (67%)	765 (68%)	1,658 (68%)
Missing	3 (4%)	0 (0%)	20 (2%)	0 (0%)	106 (4%)
Total	78 (100%)	71 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



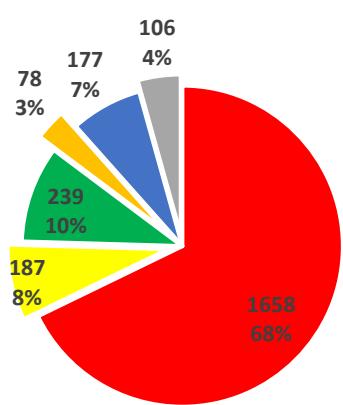
**Johnson County
2014**



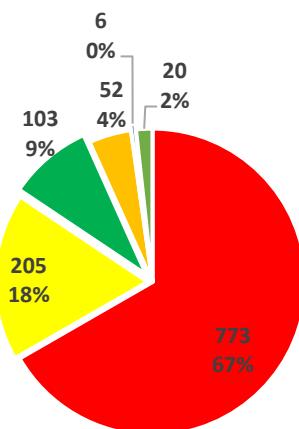
**Johnson County
2018**



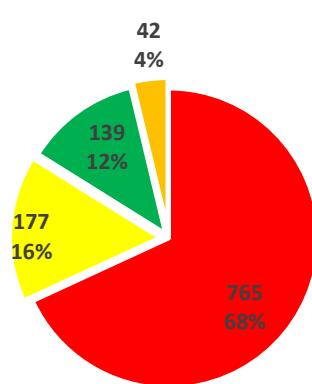
**Johnson County
2020**



Statewide, 2014



**Eastern side of the
State 2018**



**Eastern Side of
the State 2020**

■ Less than 2

■ 2.00-2.50

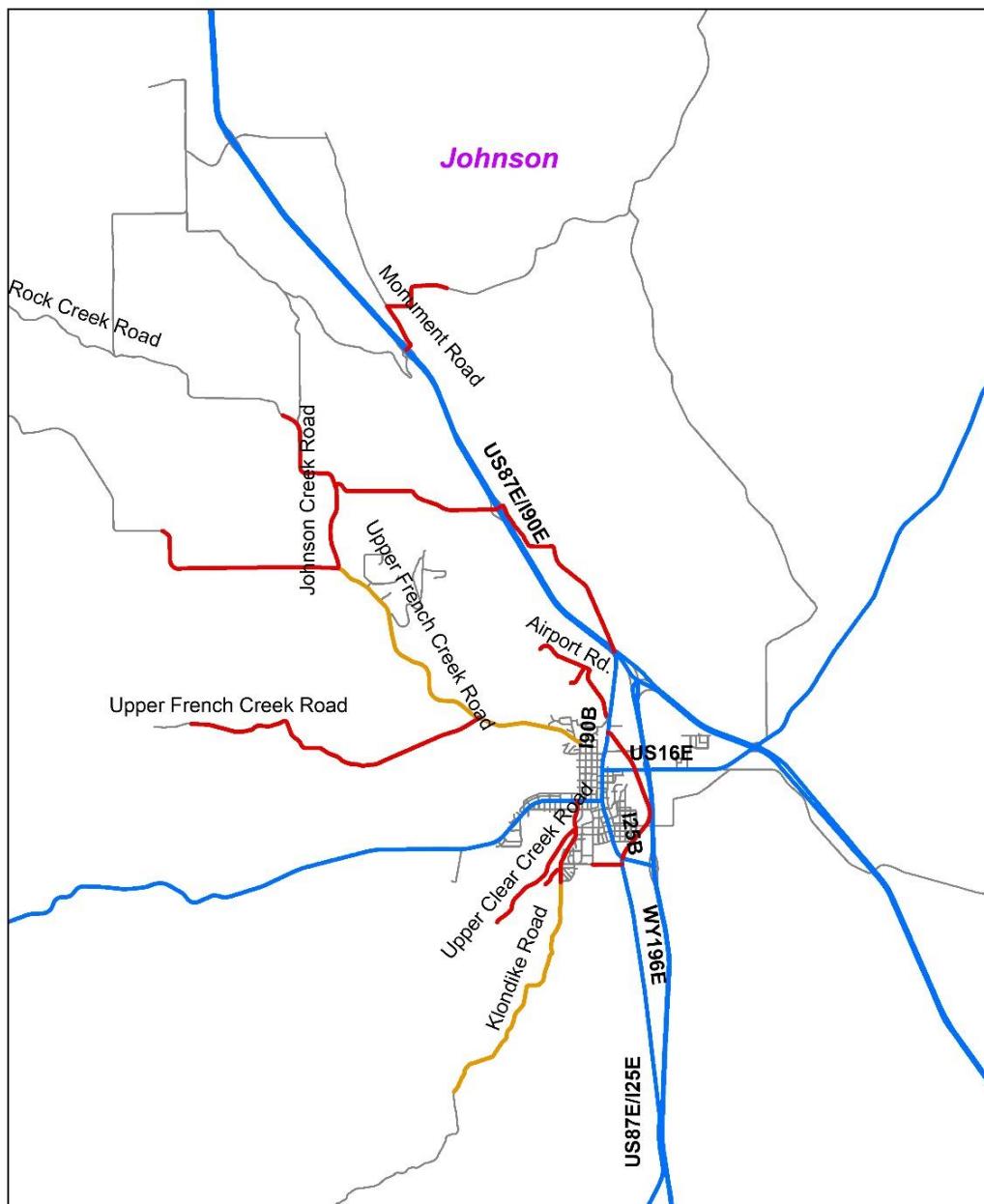
■ 2.51-3.00

■ 3.01-3.50

■ Greater than 3.5

■ Missing

Appendix 7.7.2: PSI in Johnson County vs. Statewide and Eastern Side in 2018 and 2020.

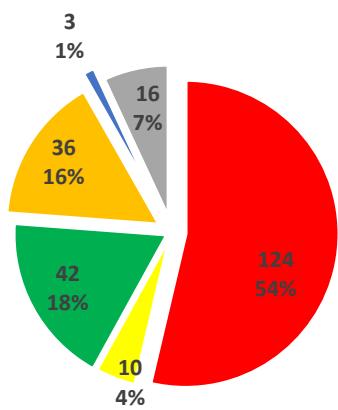


Appendix 7.7.3: Pavement Serviceability Index (PSI) in Johnson County.

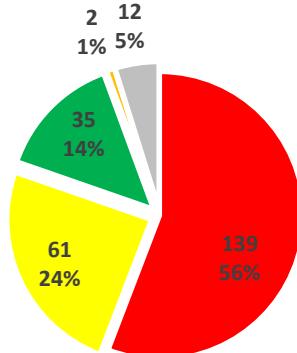
Appendix 7.8: Laramie County

Appendix 7.8.1: PSI in Laramie County vs. Statewide and Eastern Side in 2018 and 2020.

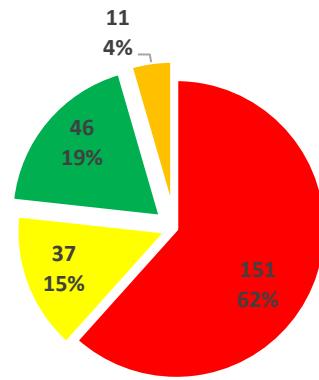
	Laramie County, 2018	Laramie County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Greater than 3.5	0 (0%)	0 (0%)	6 (0%)	0 (0%)	78 (3%)
3.01 – 3.5	2 (1%)	11 (4%)	52 (4%)	42 (4%)	177 (7%)
2.51 – 3.0	35 (14%)	46 (19%)	103 (9%)	139 (12%)	239 (10%)
2 – 2.5	61 (24%)	37 (15%)	205 (18%)	177 (16%)	187 (8%)
Less than 2	139 (56%)	151 (62%)	773 (67%)	765 (68%)	1,658 (68%)
Missing	12 (5%)	0 (0%)	20 (2%)	0 (0%)	106 (4%)
Total	249 (100%)	245 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



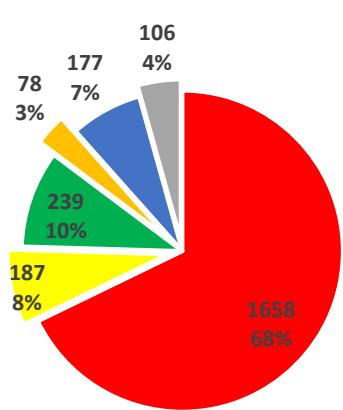
Laramie County
2014



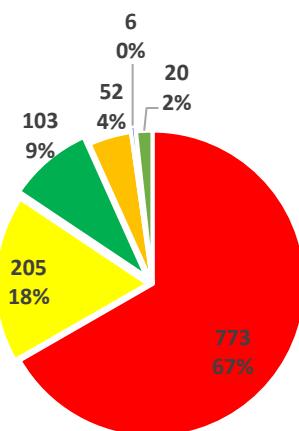
Laramie County
2018



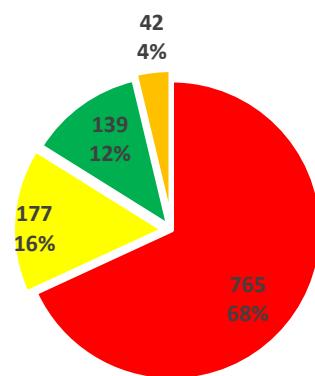
Laramie County
2020



Statewide, 2014



Eastern side of the
State 2018



Eastern Side of
the State 2020

■ Less than 2

■ 2.00-2.50

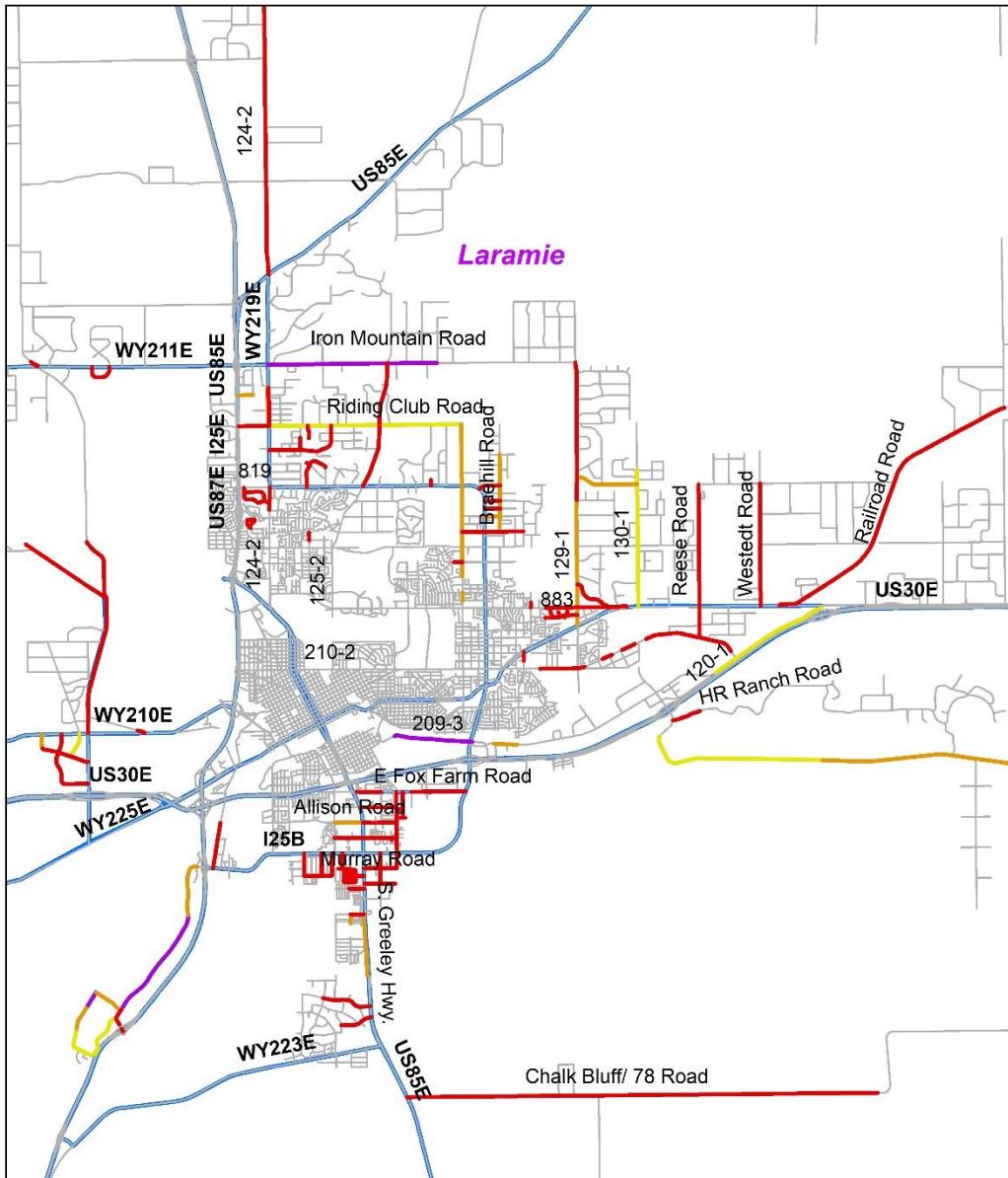
■ 2.51-3.00

■ 3.01-3.50

■ Greater than 3.5

■ Missing

Appendix 7.8.2: PSI in Laramie County vs. Statewide and Eastern Side in 2018 and 2020

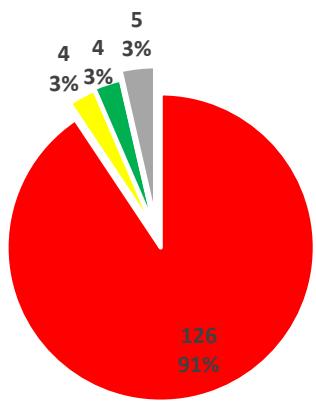


Appendix 7.8.3: Pavement Serviceability Index (PSI) in Laramie County.

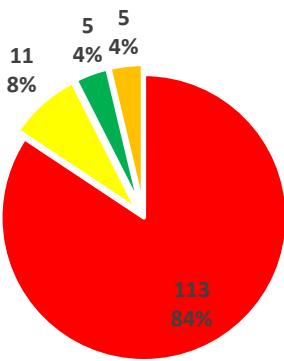
Appendix 7.9: Natrona County

Appendix 7.9.1: PSI in Natrona County vs. Statewide and Eastern Side in 2018 and 2020.

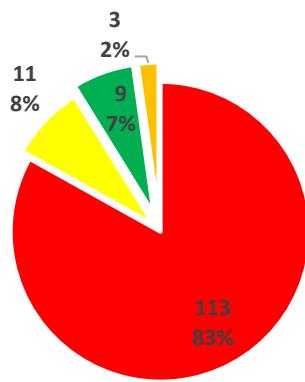
	Natrona County, 2018	Natrona County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Greater than 3.5	0(0%)	0 (0%)	6 (0%)	0 (0%)	78 (3%)
3.01 – 3.5	5 (4%)	3 (2%)	52 (4%)	42 (4%)	177 (7%)
2.51 – 3.0	5 (4%)	9 (7%)	103 (9%)	139 (12%)	239 (10%)
2 – 2.5	11 (8%)	11 (8%)	205 (18%)	177 (16%)	187 (8%)
Less than 2	113 (84%)	113 (83%)	773 (67%)	765 (68%)	1,658 (68%)
Missing	0 (0%)	0 (0%)	20 (2%)	0 (0%)	106 (4%)
Total	134 (100%)	136 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



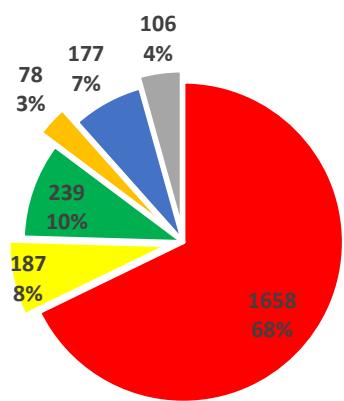
Natrona County
2014



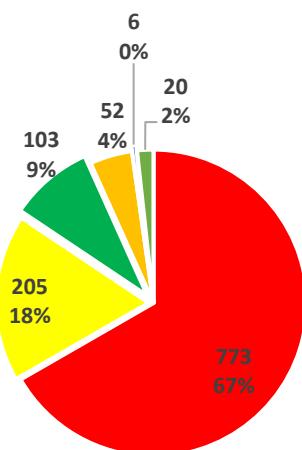
Natrona County
2018



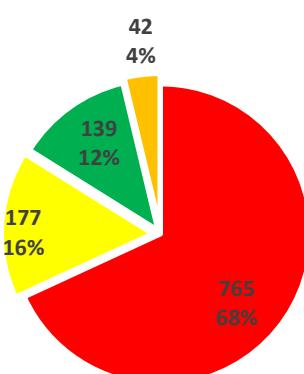
Natrona County
2020



Statewide, 2014



Eastern side of the
State 2018



Eastern Side of
the State 2020

■ Less than 2

■ 2.00-2.50

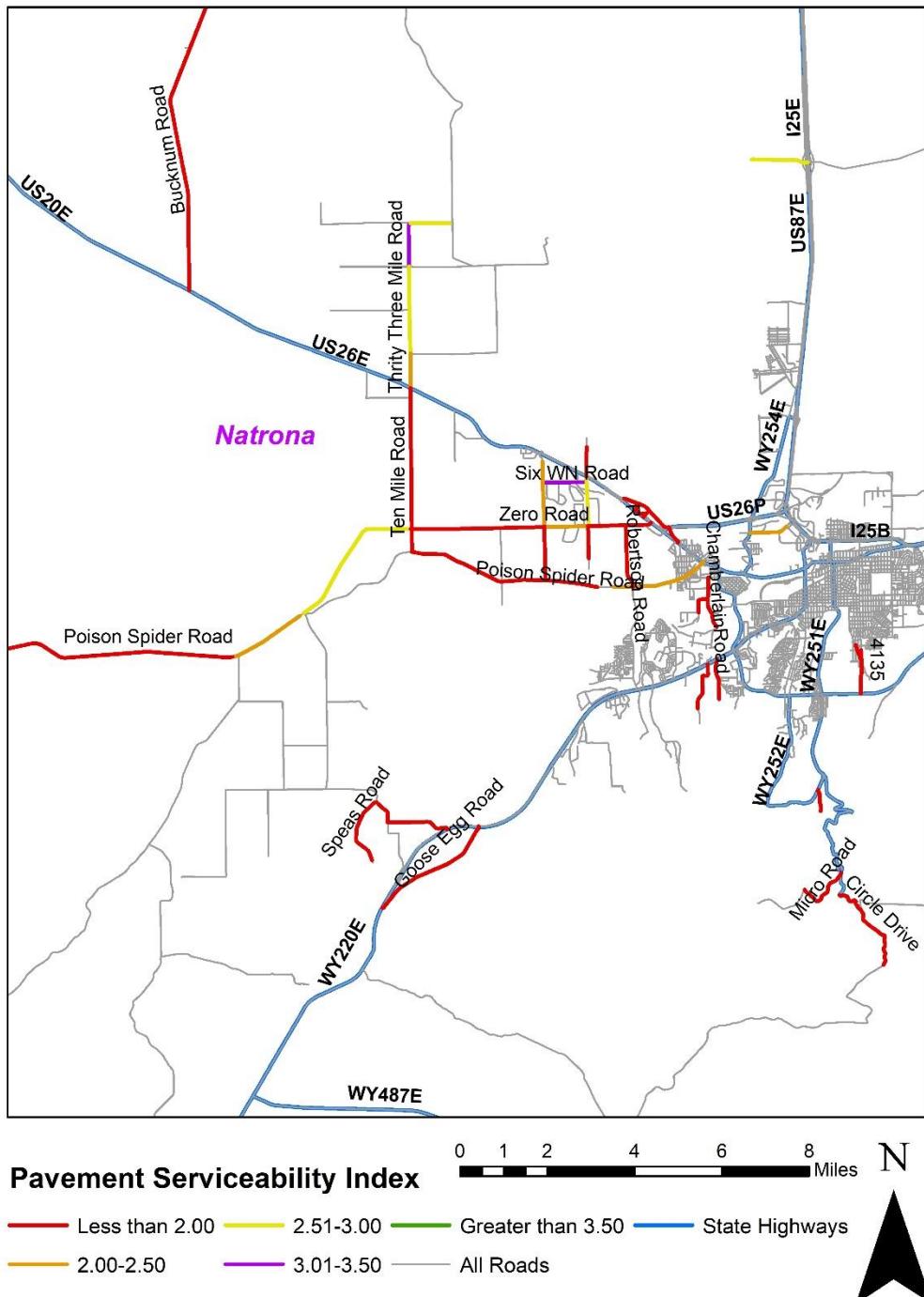
■ 2.51-3.00

■ 3.01-3.50

■ Greater than 3.5

■ Missing

Appendix 7.9.2: PSI in Natrona County vs. Statewide and Eastern Side in 2018 and 2020

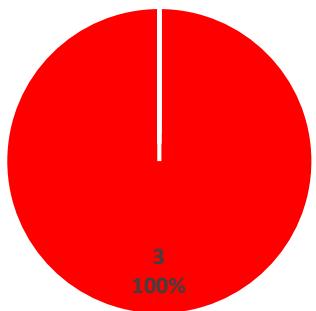


Appendix 7.9.3: Pavement Serviceability Index (PSI) in Natrona County.

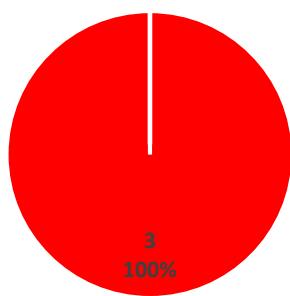
Appendix 7.10: Niobrara County

Appendix 7.10.1: PSI in Niobrara County vs. Statewide and Eastern Side in 2018 and 2020.

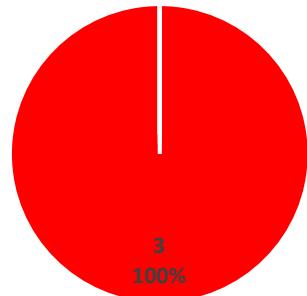
	Niobrara County, 2018	Niobrara County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Greater than 3.5	0 (0%)	0 (0%)	6 (0%)	0 (0%)	78 (3%)
3.01 – 3.5	0 (0%)	0 (0%)	52 (4%)	42 (4%)	177 (7%)
2.51 – 3.0	0 (0%)	0 (0%)	103 (9%)	139 (12%)	239 (10%)
2 – 2.5	0 (0%)	0 (0%)	205 (18%)	177 (16%)	187 (8%)
Less than 2	3 (100%)	3 (100%)	773 (67%)	765 (68%)	1,658 (68%)
Missing	0 (0%)	0 (0%)	20 (2%)	0 (0%)	106 (4%)
Total	3 (100%)	3 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



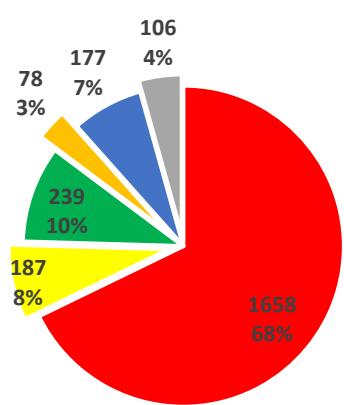
Niobrara County
2014



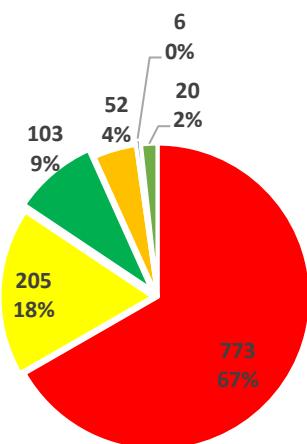
Niobrara County
2018



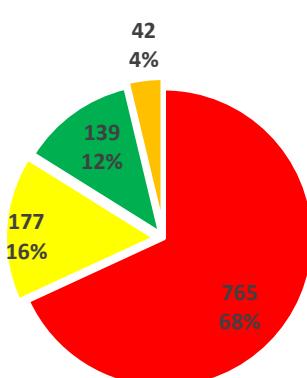
Niobrara County
2020



Statewide, 2014



Eastern side of the
State 2018



Eastern Side of
the State 2020

■ Less than 2

■ 2.00-2.50

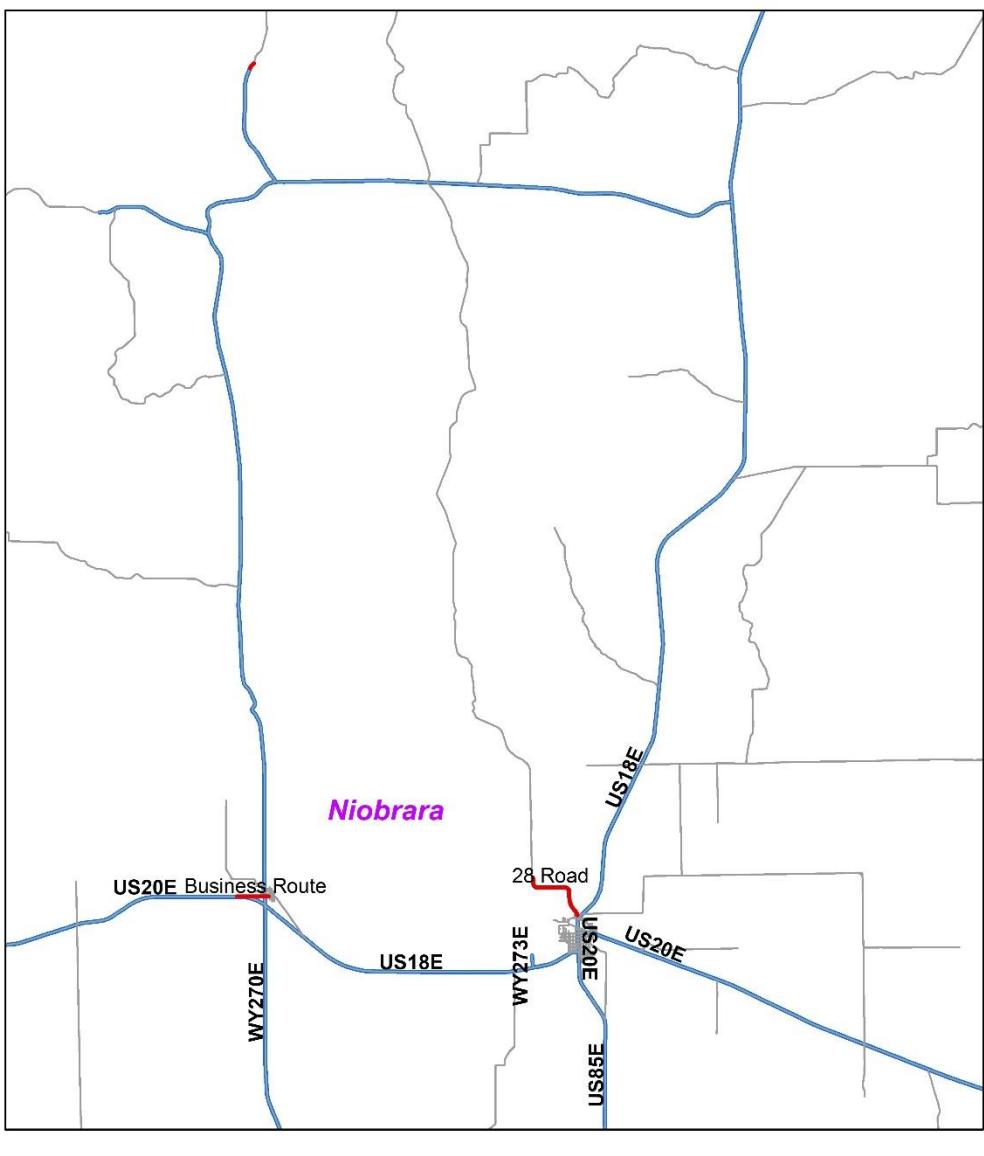
■ 2.51-3.00

■ 3.01-3.50

■ Greater than 3.5

■ Missing

Appendix 7.10.2: PSI in Niobrara County vs. Statewide and Eastern Side in 2018 and 2020

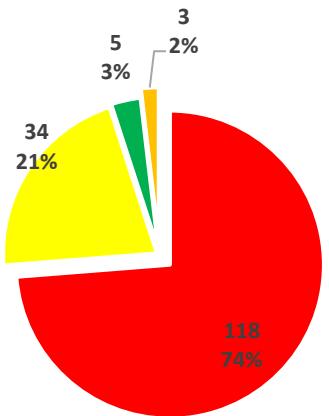


Appendix 7.10.3: Pavement Serviceability Index (PSI) in Niobrara County.

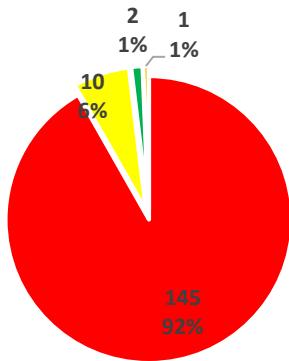
Appendix 7.11: Platte County

Appendix 7.11.1: PSI in Platte County vs. Statewide and Eastern Side in 2018 and 2020.

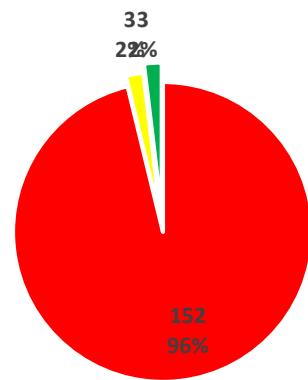
	Platte County, 2018	Platte County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Greater than 3.5	0 (0%)	0 (0%)	6 (0%)	0 (0%)	78 (3%)
3.01 – 3.5	1 (1%)	0 (0%)	52 (4%)	42 (4%)	177 (7%)
2.51 – 3.0	2 (1%)	3 (2%)	103 (9%)	139 (12%)	239 (10%)
2 – 2.5	10 (6%)	3 (2%)	205 (18%)	177 (16%)	187 (8%)
Less than 2	145 (92%)	152 (96%)	773 (67%)	765 (68%)	1,658 (68%)
Missing	0 (0%)	0 (0%)	20 (2%)	0 (0%)	106 (4%)
Total	158 (100%)	158 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



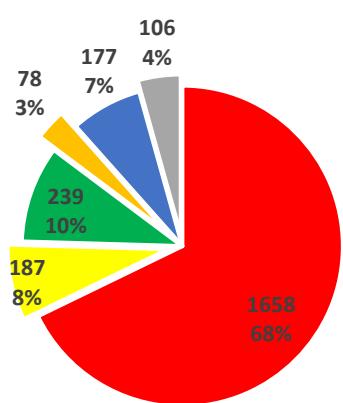
Platte County 2014



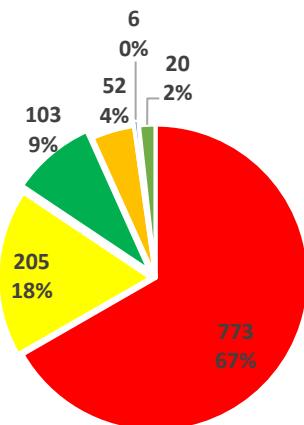
Platte County 2018



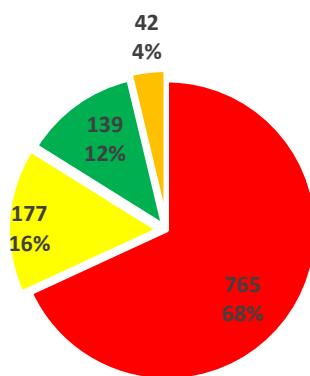
Platte County 2020



Statewide, 2014



Eastern side of the State 2018



Eastern Side of the State 2020

■ Less than 2

■ 2.00-2.50

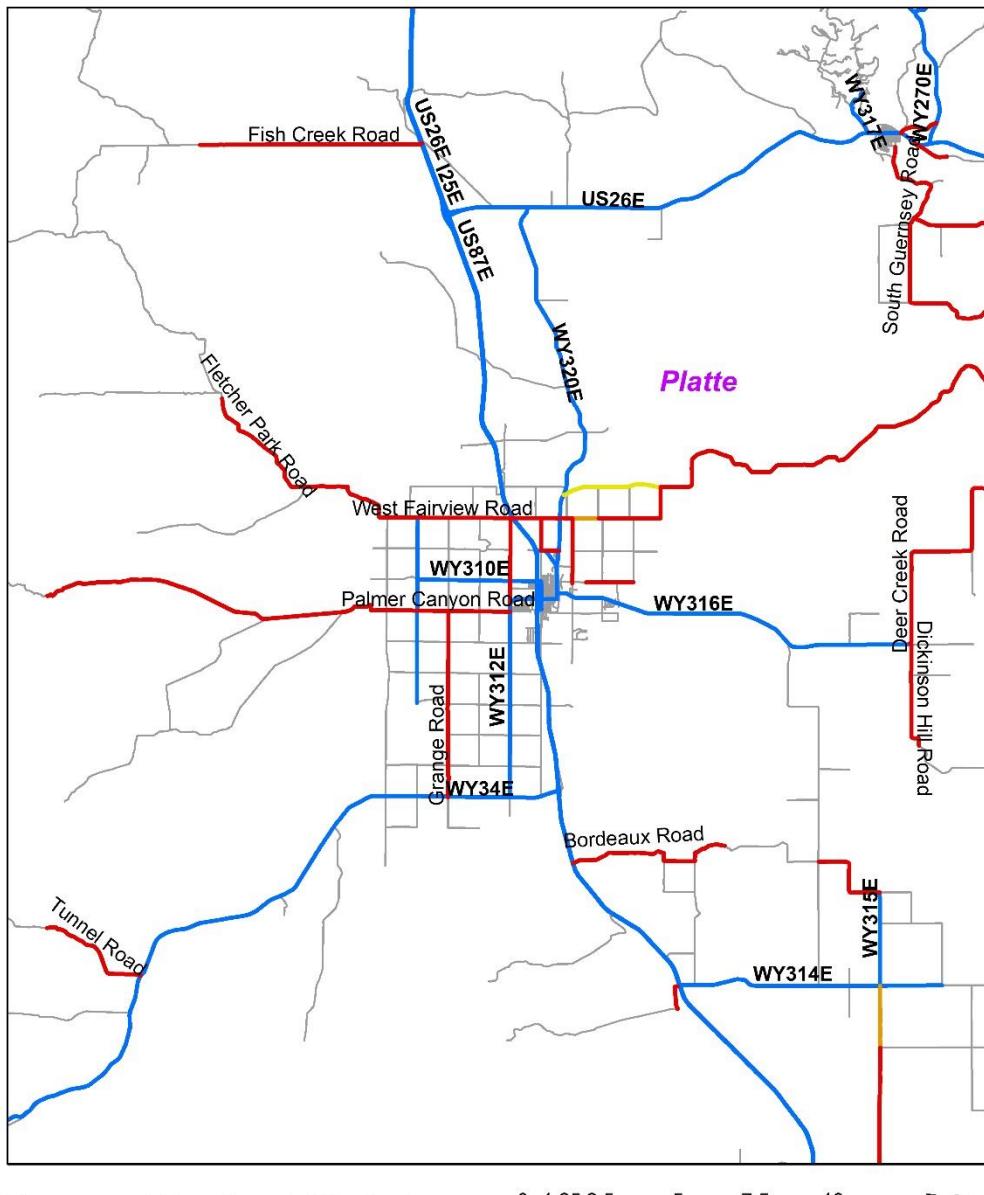
■ 2.51-3.00

■ 3.01-3.50

■ Greater than 3.5

■ Missing

Appendix 7.11.2: PSI in Platte County vs. Statewide and Eastern Side in 2018 and 2020

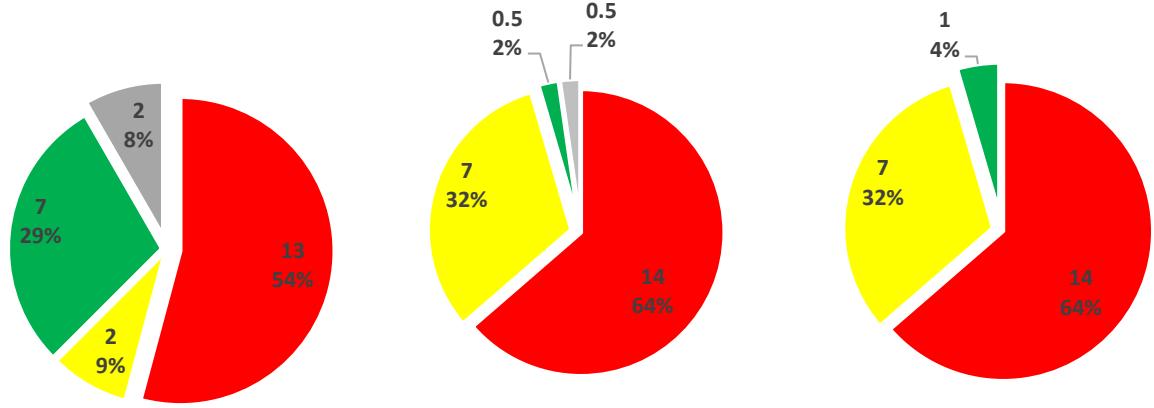


Appendix 7.11.3: Pavement Serviceability Index (PSI) in Platte County.

Appendix 7.12: Sheridan County

Appendix 7.12.1: PSI in Sheridan County vs. Statewide and Eastern Side in 2018 and 2020.

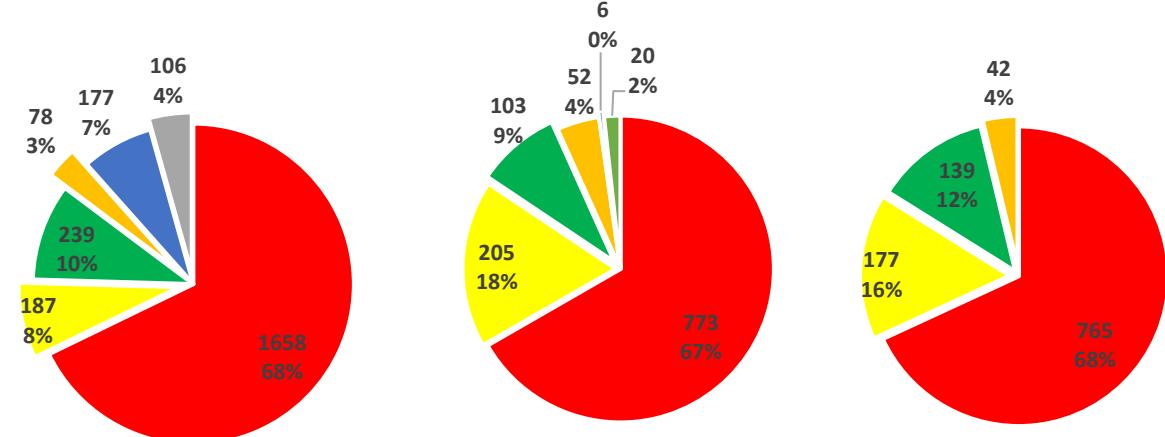
	Sheridan County, 2018	Sheridan County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Greater than 3.5	0 (0%)	0 (0%)	6 (0%)	0 (0%)	78 (3%)
3.01 – 3.5	0 (0%)	0 (0%)	52 (4%)	42 (4%)	177 (7%)
2.51 – 3.0	0.5 (2%)	1 (4%)	103 (9%)	139 (12%)	239 (10%)
2 – 2.5	7 (32%)	7 (32%)	205 (18%)	177 (16%)	187 (8%)
Less than 2	14 (64%)	14 (64%)	773 (67%)	765 (68%)	1,658 (68%)
Missing	0.5 (2%)	0 (0%)	20 (2%)	0 (0%)	106 (4%)
Total	22 (100%)	21 (100%)	1,159 (100%)	1,124 (100%)	2,444 (100%)



**Sheridan County
2014**

**Sheridan County
2018**

**Sheridan County
2020**



Statewide, 2014

Eastern side of the State 2018

Eastern Side of the State 2020

■ Less than 2

■ 2.00-2.50

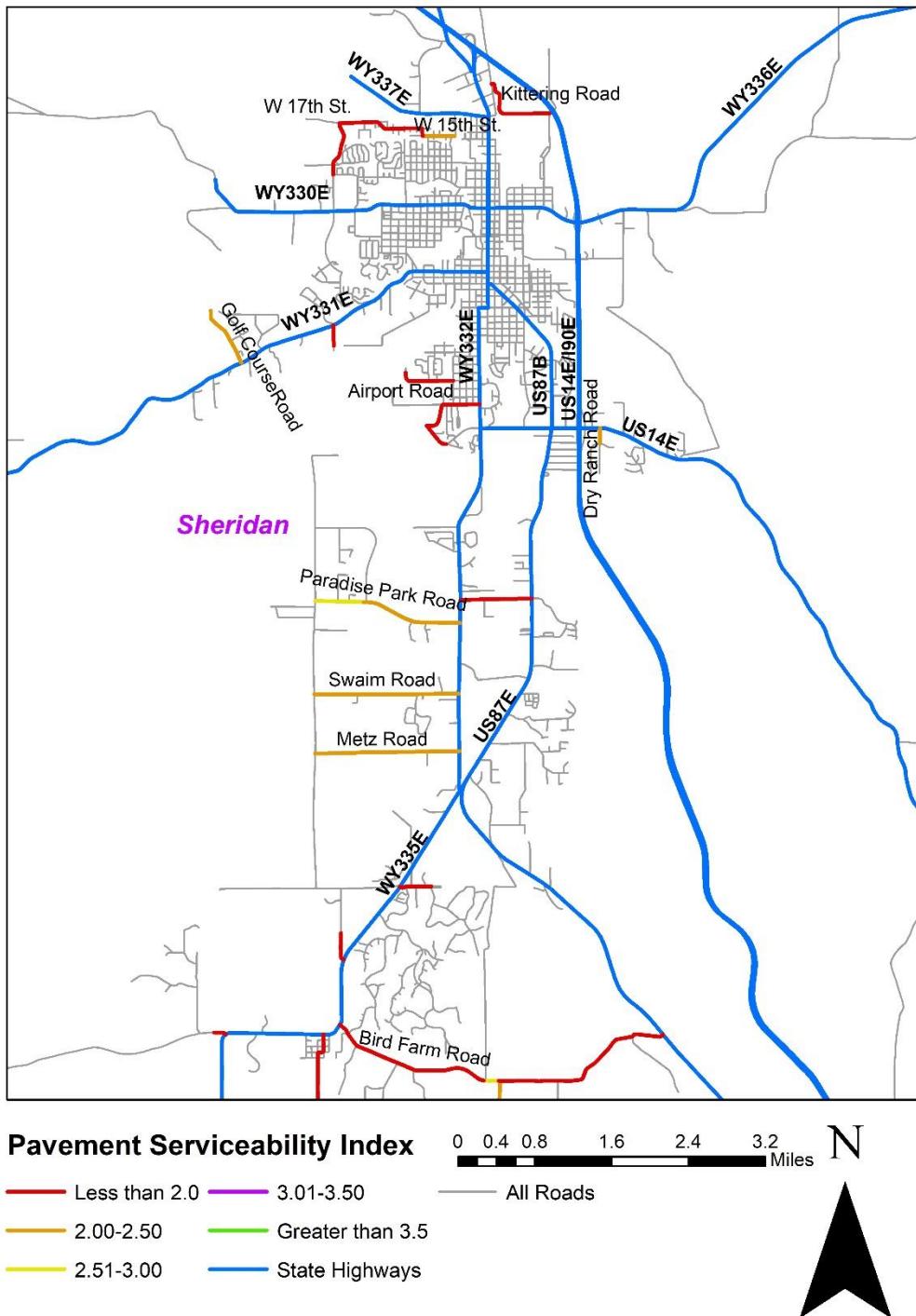
■ 2.51-3.00

■ 3.01-3.50

■ Greater than 3.5

■ Missing

Appendix 7.12.2: PSI in Sheridan County vs. Statewide and Eastern Side in 2018 and 2020

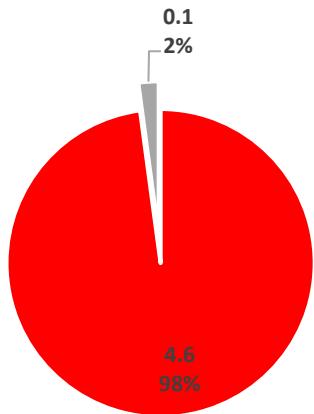


Appendix 7.12.3: Pavement Serviceability Index (PSI) in Sheridan County.

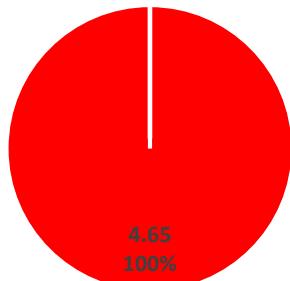
Appendix 7.13: Weston County

Appendix 7.13.1: PSI in Weston County vs. Statewide and Eastern Side in 2018 and 2020.

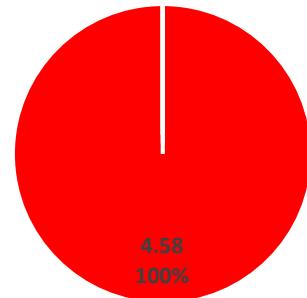
	Weston County, 2018	Weston County, 2020	Eastern side of the State, 2018	Eastern side of the State, 2020	Statewide, 2014
Greater than 3.5	0 (0%)	0 (0%)	6 (0%)	0 (0%)	78 (3%)
3.01 – 3.5	0 (0%)	0 (0%)	52 (4%)	42 (4%)	177 (7%)
2.51 – 3.0	0 (0%)	0 (0%)	103 (9%)	139 (12%)	239 (10%)
2 – 2.5	0 (0%)	0 (0%)	205 (18%)	177 (16%)	187 (8%)
Less than 2	4.65 (76%)	4.58 (100%)	773 (67%)	765 (68%)	1,658 (68%)
Missing	0 (0%)	0 (0%)	20 (2%)	0 (0%)	106 (4%)
Total	4.65 (100%)	4.58 (100%)	1.159 (100%)	1,124 (100%)	2,444 (100%)



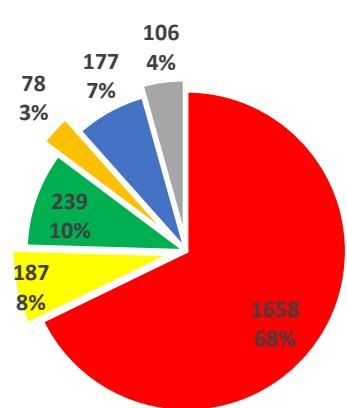
**Weston County
2014**



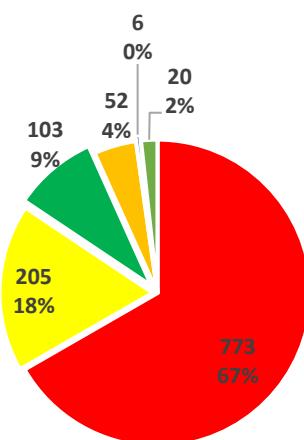
**Weston County
2018**



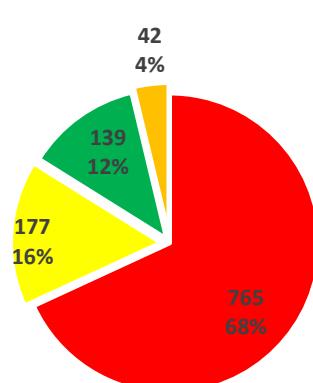
**Weston County
2020**



Statewide, 2014



**Eastern side of the
State 2018**



**Eastern Side of
the State 2020**

■ Less than 2

■ 2.00-2.50

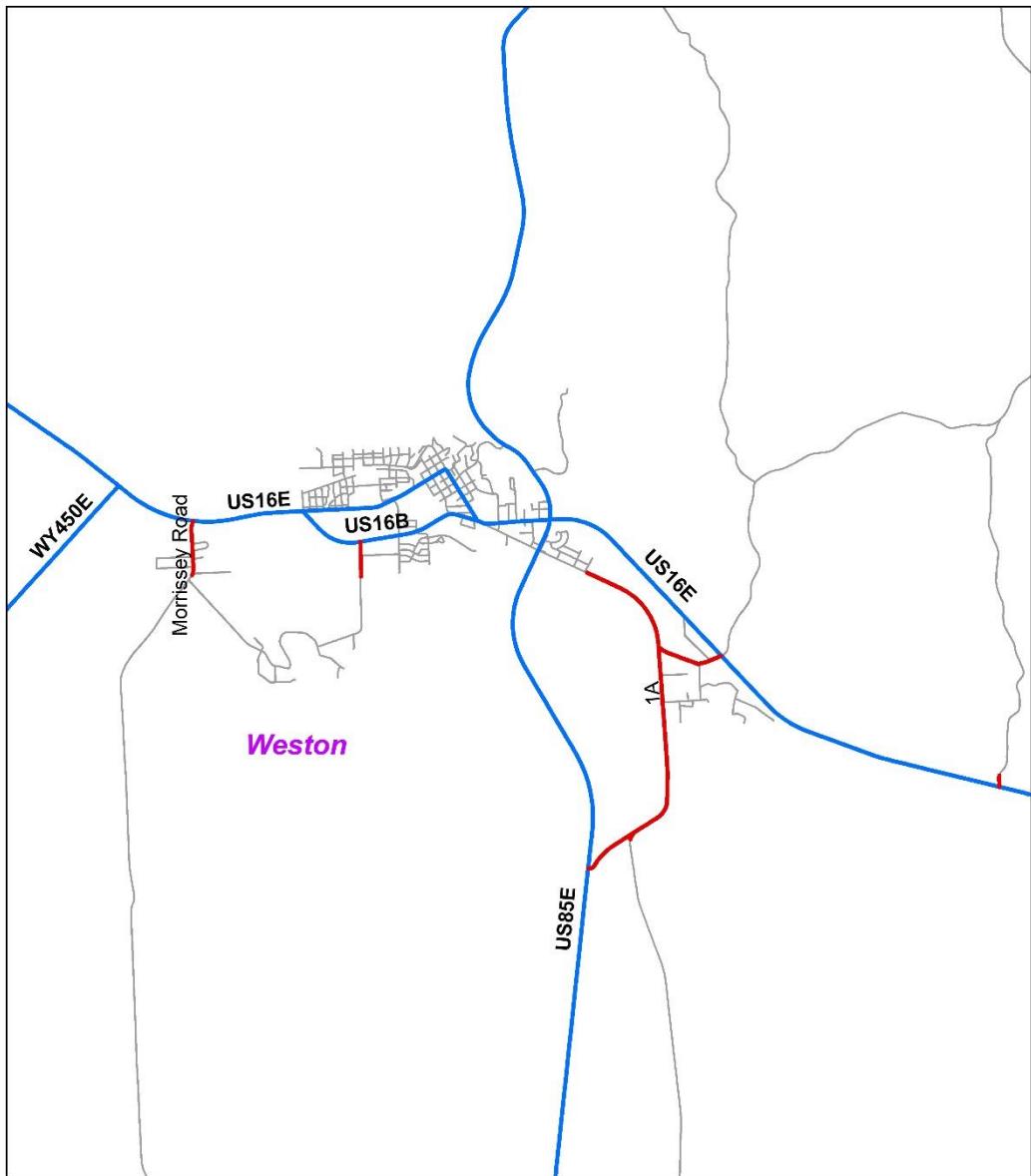
■ 2.51-3.00

■ 3.01-3.50

■ Greater than 3.5

■ Missing

Appendix 7.13.2: PSI in Weston County vs. Statewide and Eastern Side in 2018 and 2020



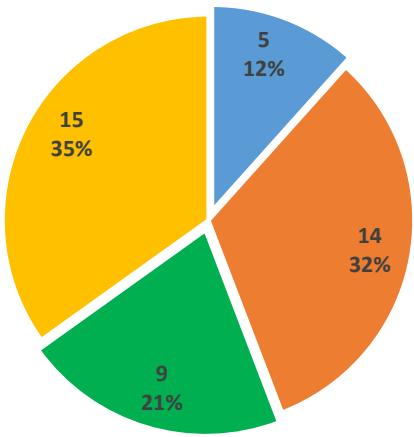
Appendix 7.13.3: Pavement Serviceability Index (PSI) in Weston County.

APPENDIX 8: AVERAGE ROAD WIDTH

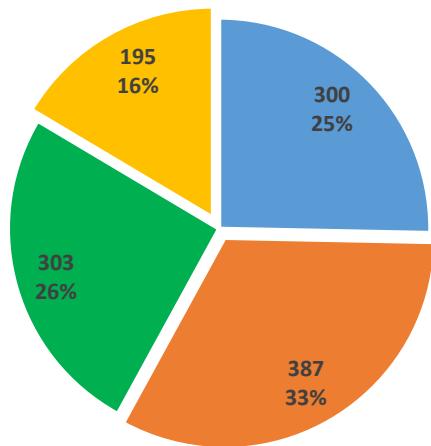
Appendix 8.1: Albany County

Appendix 8.1.1: 2018 average road width in Albany County vs. Eastern Side.

	Albany County, 2018	Eastern side of the State, 2018
Less than 25 ft.	5 (12%)	300 (25%)
25-26 ft.	14(32%)	387 (33%)
27-30 ft.	9 (21%)	303 (26%)
Greater than 30 ft.	15(35%)	195 (16%)
Total	43 (100%)	1159 (100%)



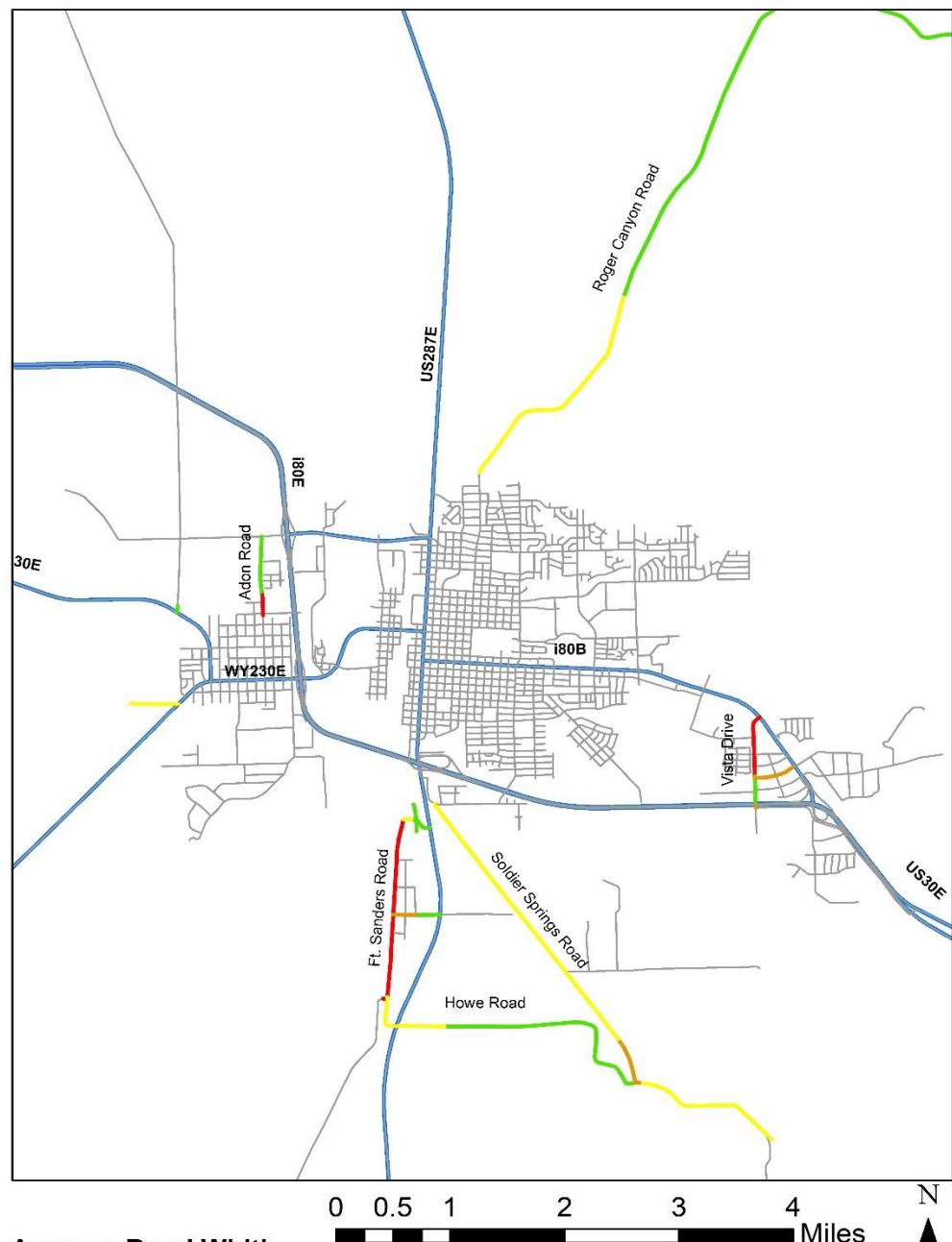
Albany County Average Road Width, 2018



Average Road Width Eastern Wyoming, 2018

■ Less than 25 ft. ■ 25-26 ft. ■ 27-30 ft. ■ Greater than 30 ft.

Appendix 8.1.2: 2018 average road width in Albany County vs. Eastern Side.

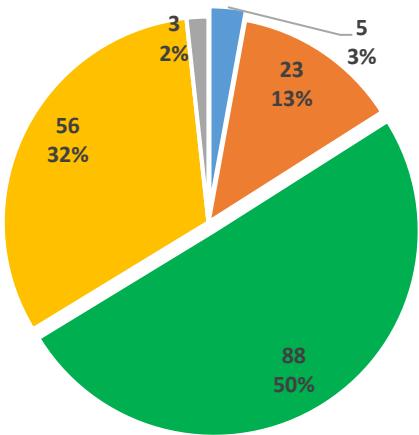


Appendix 8.1.3: Average road width in Albany County.

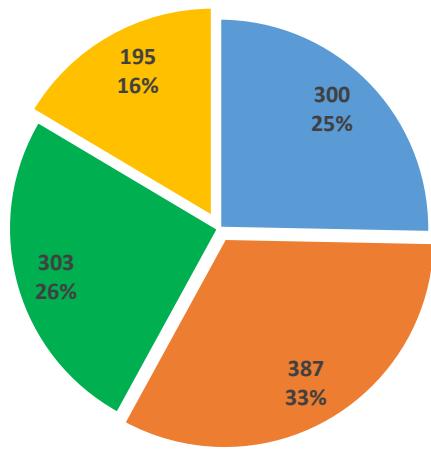
Appendix 8.2: Campbell County

Appendix 8.2.1: 2018 average road width in Campbell County vs. Eastern Side.

	Campbell County, 2018	Eastern side of the State, 2018
Less than 25 ft.	5 (3%)	300 (25%)
25-26 ft.	23 (13%)	387 (33%)
27-30 ft.	88 (50%)	303 (26%)
Greater than 30 ft.	56 (32%)	195 (16%)
Missing	3 (2%)	0 (0%)
Total	175 (100%)	1,159 (100%)



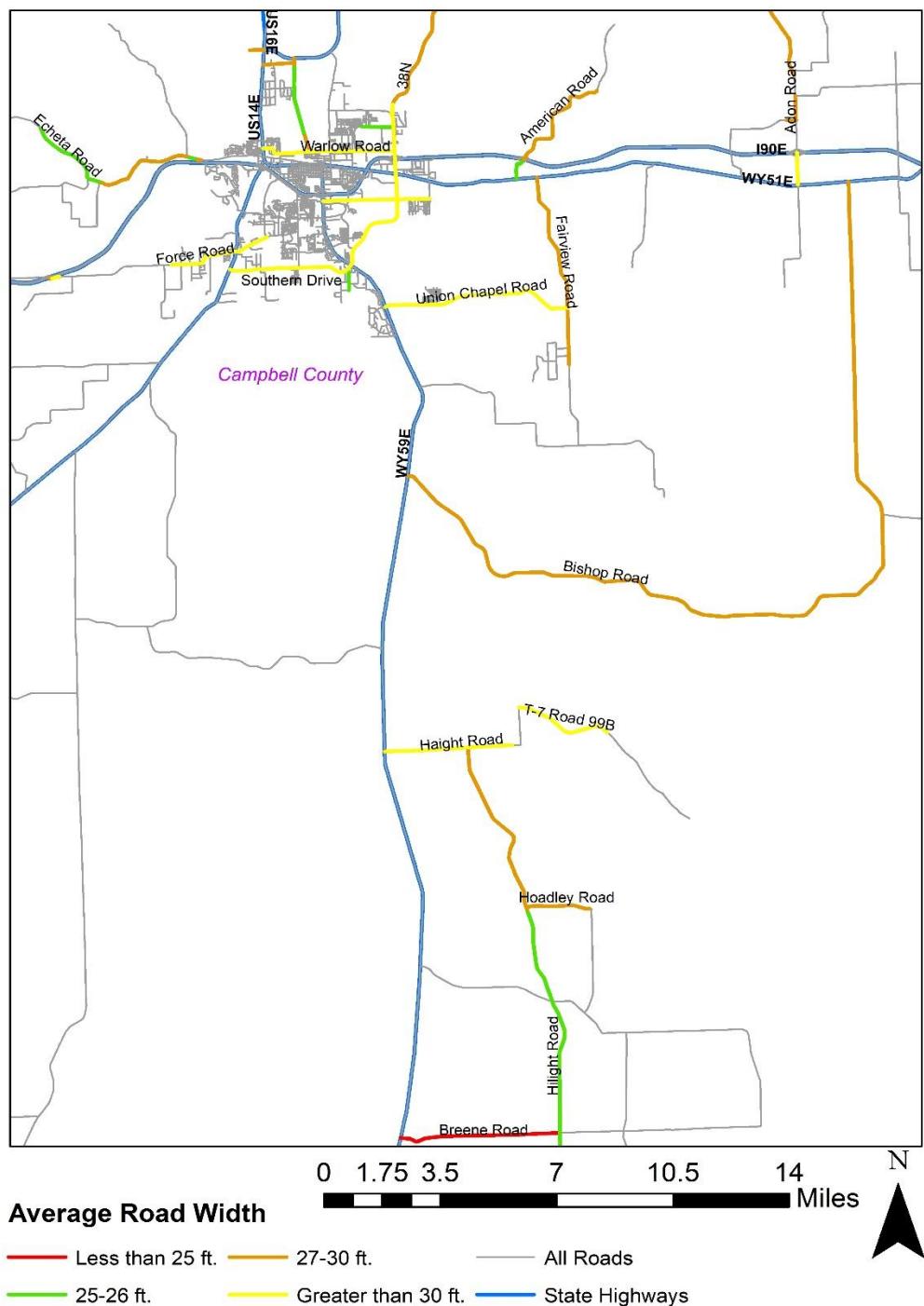
Campbell County Average
Road Width, 2018



Average Road Width
Eastern Wyoming, 2018

■ Less than 25 ft. ■ 25-26 ft. ■ 27-30 ft. ■ Greater than 30 ft.
■ Missing

Appendix 8.2.2: 2018 Average Road Width in Campbell County vs. Eastern Side.

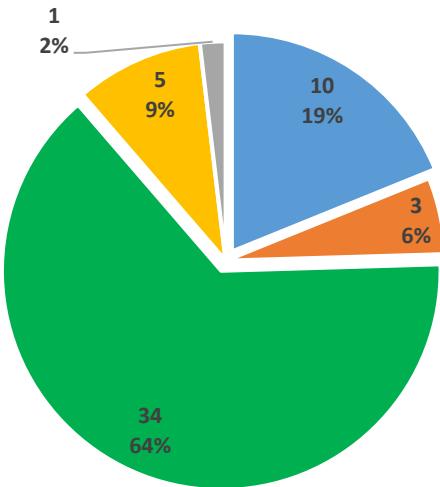


Appendix 8.2.3: Average Road Width in Campbell County

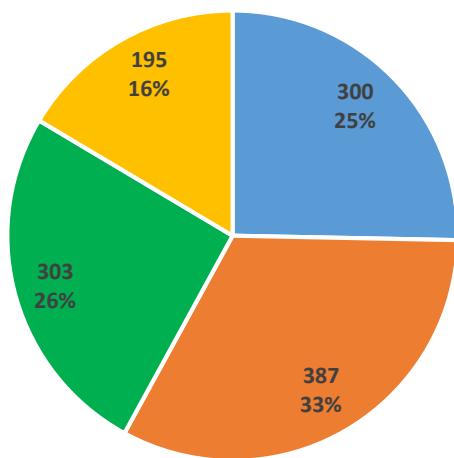
Appendix 8.3: Carbon County

Appendix 8.3.1: 2018 Average Road Width in Carbon County vs. Average Road Width Eastern Side.

	Carbon County, 2018	Eastern side of the State, 2018
Less than 25 ft.	10 (19%)	300 (25%)
25-26 ft.	3(6%)	387 (33%)
27-30 ft.	34 (65%)	303 (26%)
Greater than 30 ft.	5(10%)	195 (16%)
Missing	1(2%)	0 (0%)
Total	53 (100%)	1,159 (100%)



Carbon County Average Road Width, 2018

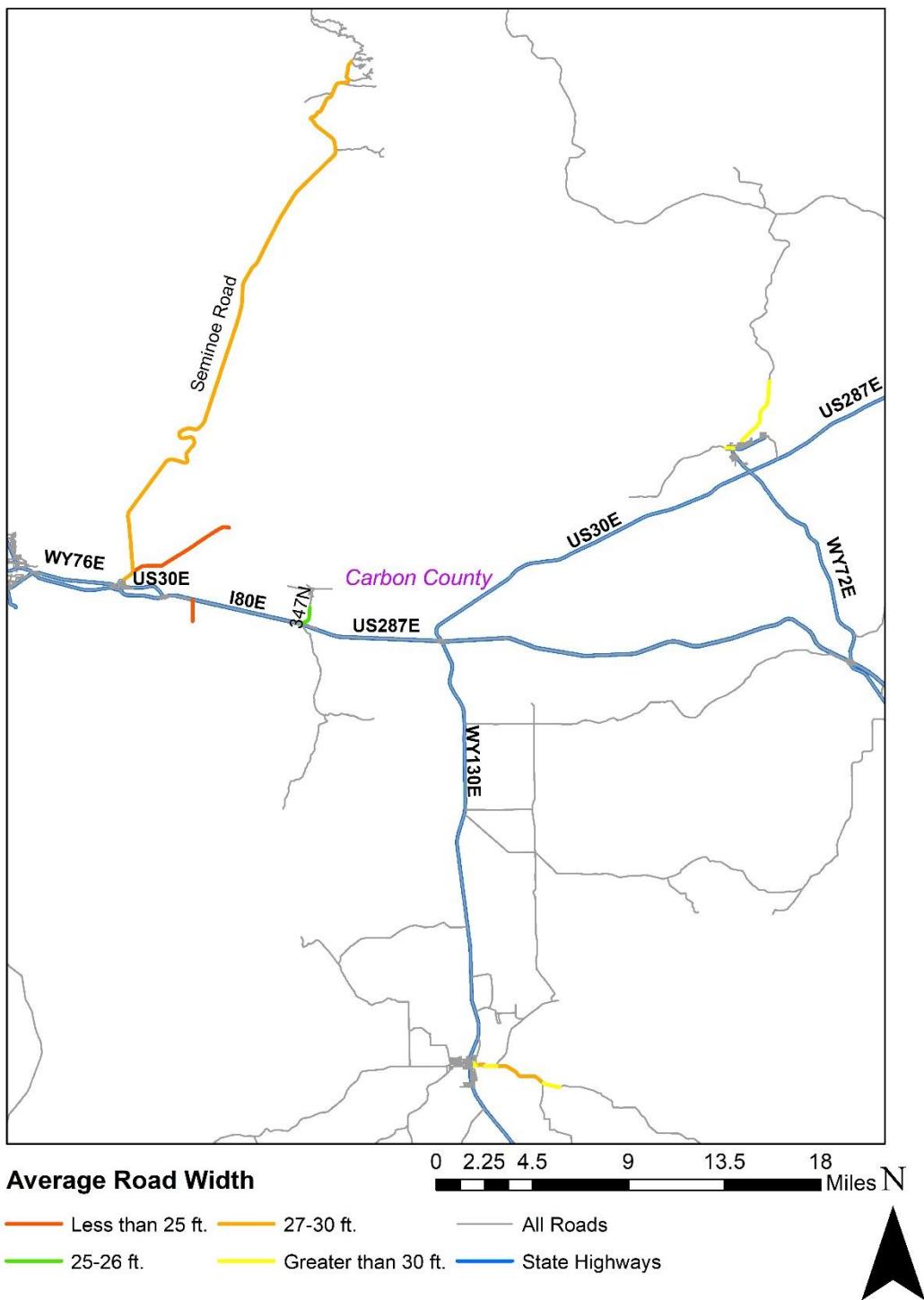


Average Road Width Eastern Wyoming, 2018

■ Less than 25 ft ■ 25-26 ft. ■ 27-30 ft. ■ Greater than 30 ft.

■ Missing

Appendix 8.3.2: 2018 Average Road Width in Carbon County vs. Eastern Side.

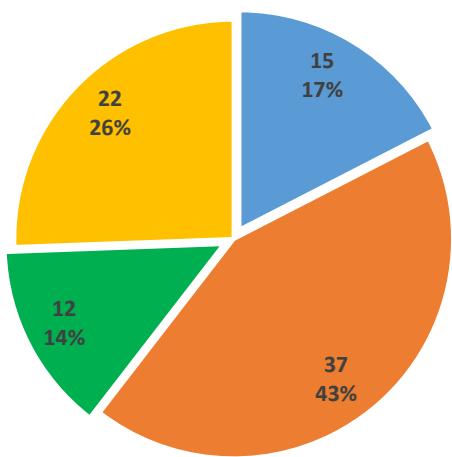


Appendix 8.3.3: Average Road Width in Carbon County.

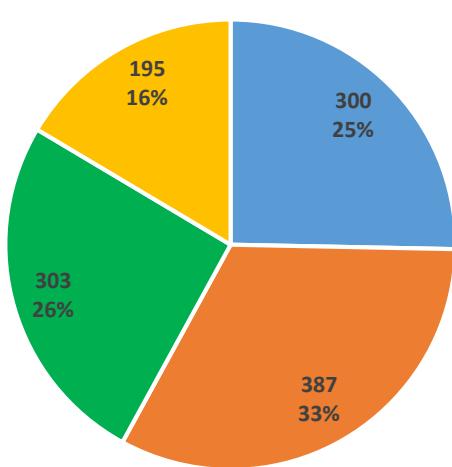
Appendix 8.4: Converse County.

Appendix 8.4.1: 2018 Average Road Width in Converse County vs. Average Road Width Eastern Side.

	Converse County, 2018	Eastern side of the State, 2018
Less than 25 ft.	15 (17%)	300 (25%)
25-26 ft.	37 (43%)	387 (33%)
27-30 ft.	12 (14%)	303 (26%)
Greater than 30 ft.	22 (26%)	195 (16%)
Missing	0 (0%)	0 (0%)
Total	86 (100%)	1,159 (100%)



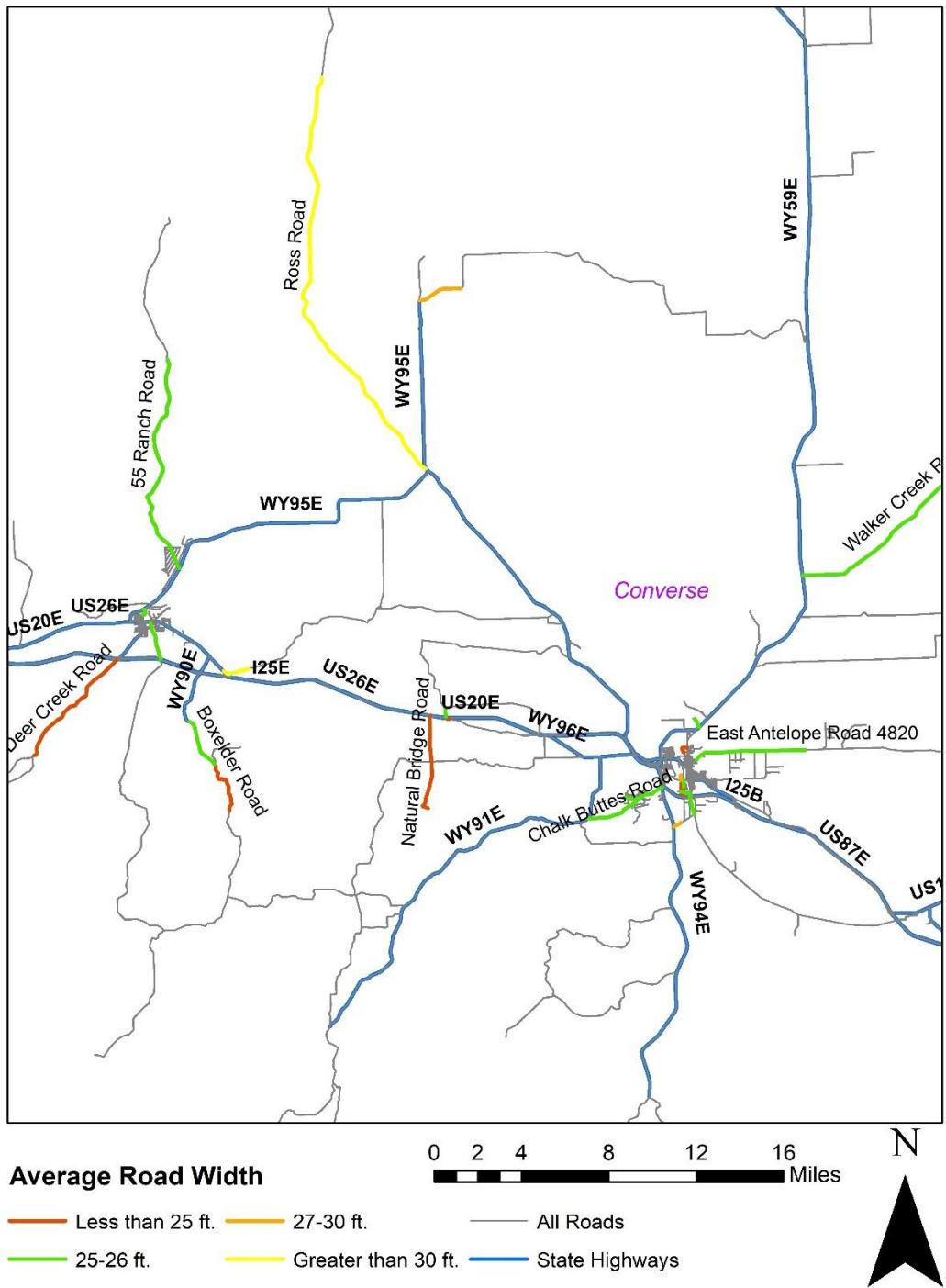
Converse County Average Road Width, 2018



Average Road Width Eastern Wyoming, 2018

■ Less than 25 ft. ■ 25-26 ft. ■ 27-30 ft. ■ Greater than 30 ft.

Appendix 8.4.2: 2018 Average Road Width in Converse County vs. Eastern Side.

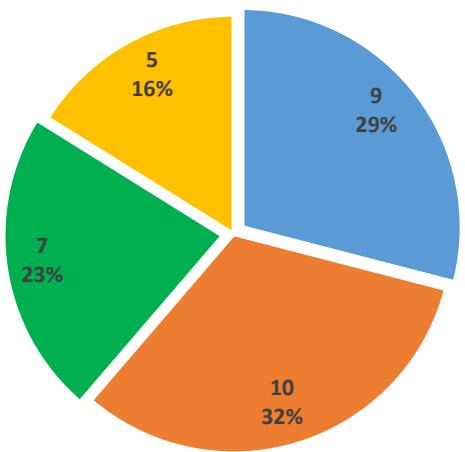


Appendix 8.4.3: Average Road Width in Converse County.

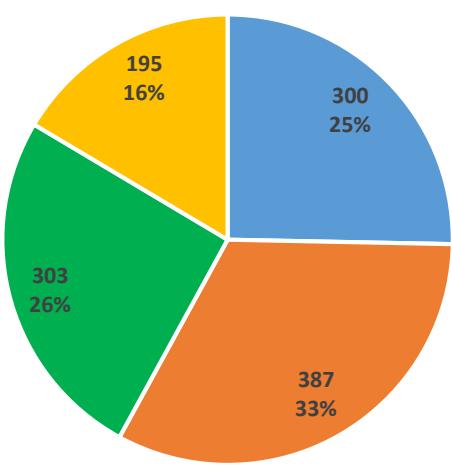
Appendix 8.5: Crook County

Appendix 8.5.1: 2018 Average Road Width in Crook County vs. Average Road Width Eastern Side.

	Crook County, 2018	Eastern side of the State, 2018
Less than 25 ft.	9 (29%)	300 (25%)
25-26 ft.	10 (32%)	387 (33%)
27-30 ft.	7 (23%)	303 (26%)
Greater than 30 ft.	5 (16%)	195 (16%)
Missing	0 (0%)	0 (0%)
Total	31 (100%)	1,159 (100%)



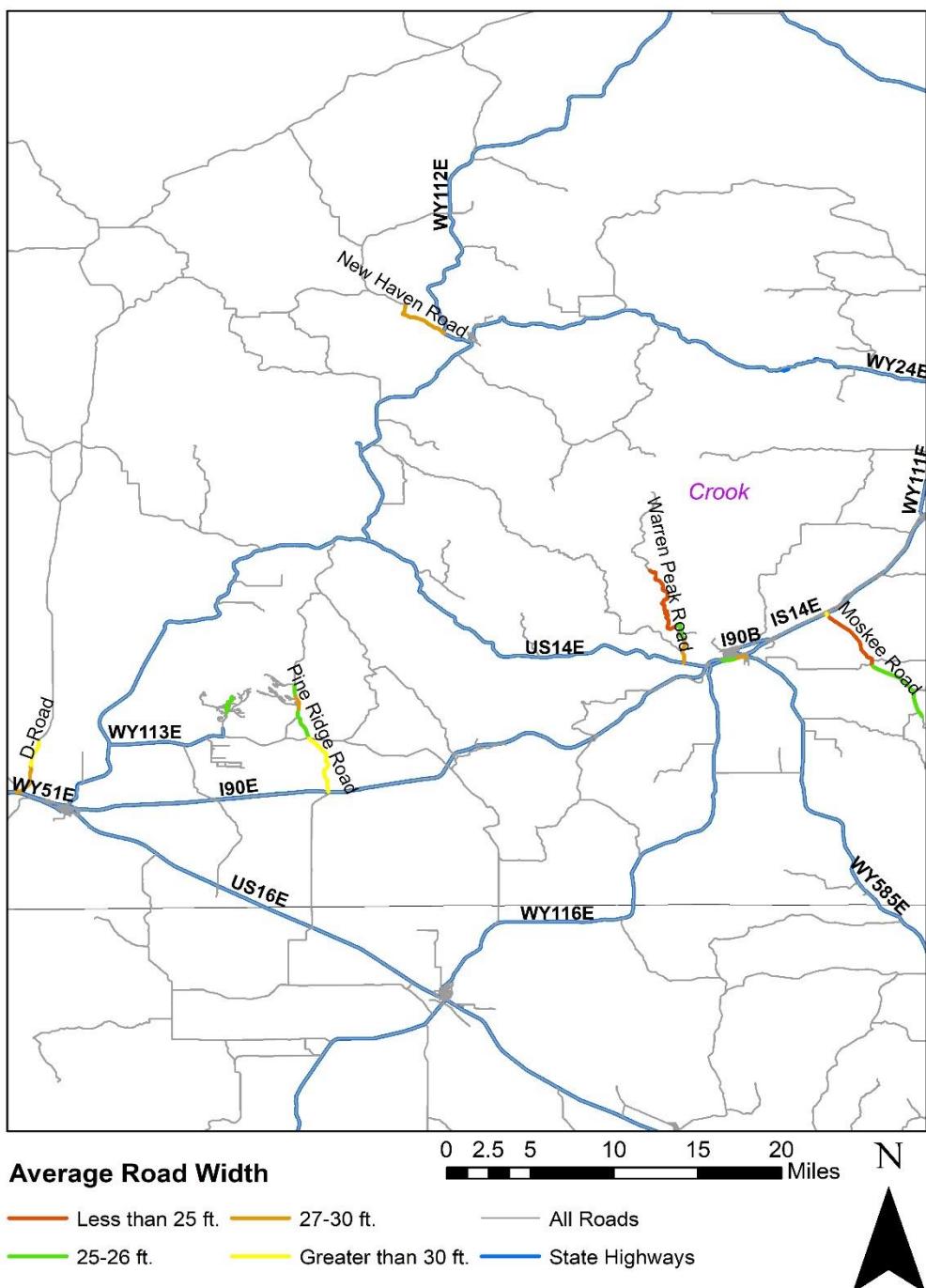
**Crook County Average Road Width,
2018**



**Average Road Width Eastern
Wyoming, 2018**

■ Less than 25 ft. ■ 25-26 ft. ■ 27-30 ft. ■ Greater than 30 ft.

Appendix 8.5.2: 2018 Average Road Width in Crook County vs. Eastern Side.

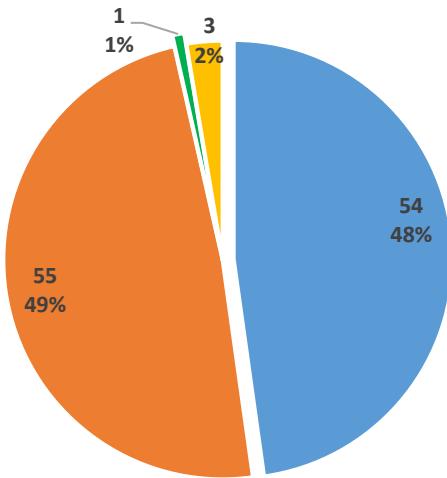


Appendix 8.5.3: Average Road Width in Crook County.

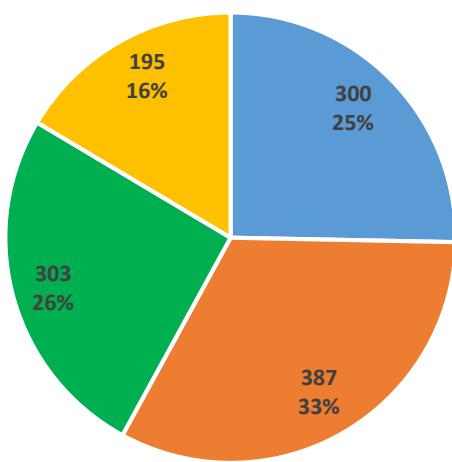
Appendix 8.6: Goshen County

Appendix 8.6.1: 2018 Average Road Width in Goshen County vs. Average Road Width Eastern Side.

	Goshen County, 2018	Eastern side of the State, 2018
Less than 25 ft.	54 (48%)	300 (25%)
25-26 ft.	55 (49%)	387 (33%)
27-30 ft.	1 (1%)	303 (26%)
Greater than 30 ft.	3 (2%)	195 (16%)
Missing	0 (%)	0 (0%)
Total	113 (100%)	1,159 (100%)



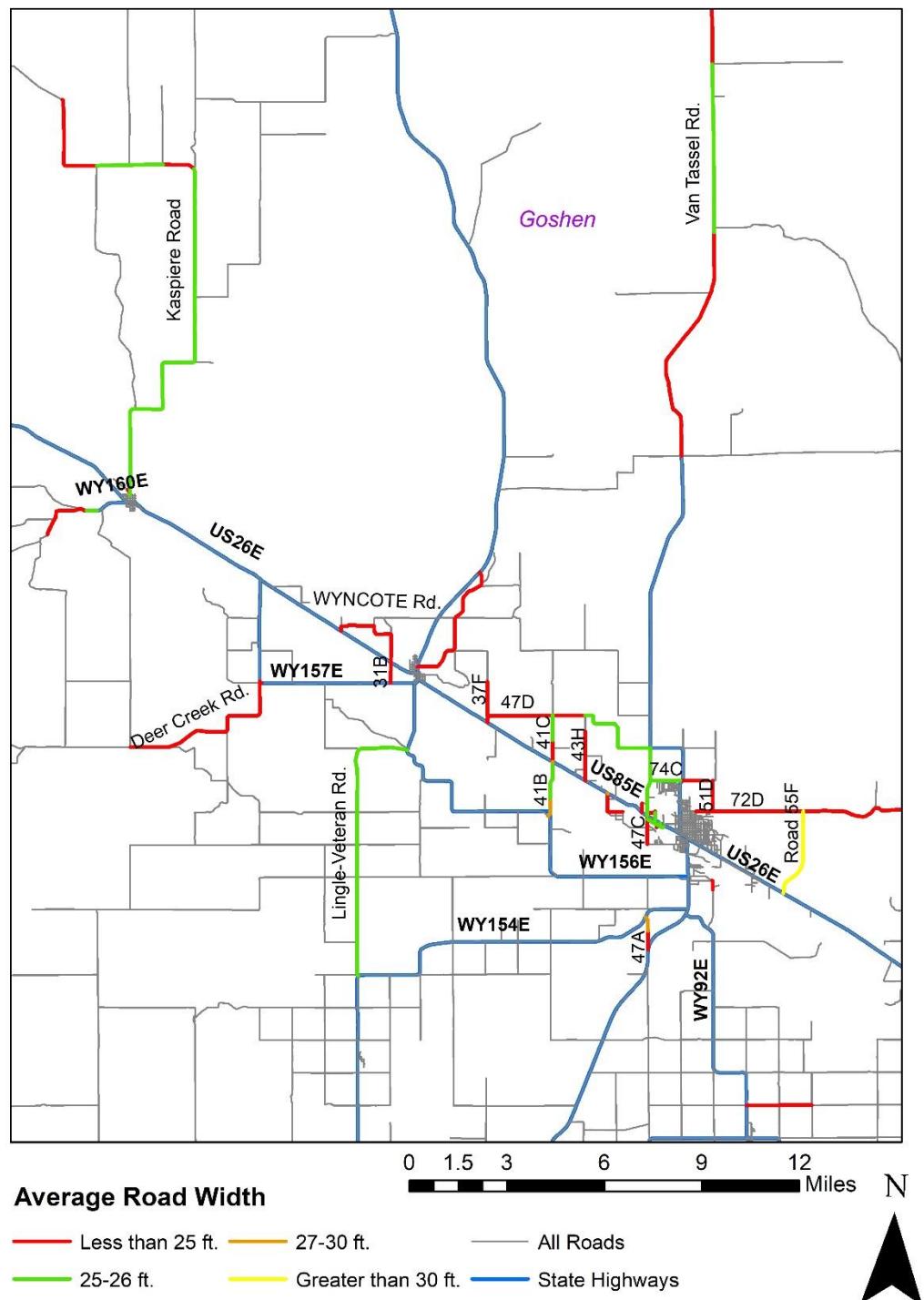
Goshen County Average Road Width, 2018



Average Road Width Eastern Wyoming, 2018

■ Less than 25 ft. ■ 25-26 ft. ■ 27-30 ft. ■ Greater than 30 ft.

Appendix 8.6.2: 2018 Average Road Width in Goshen County vs. Eastern Side.

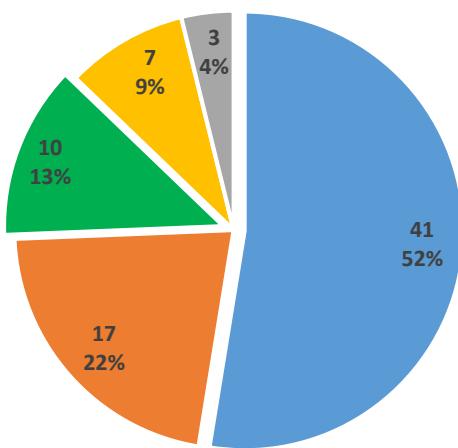


Appendix 8.6.3: Average Road Width in Goshen County.

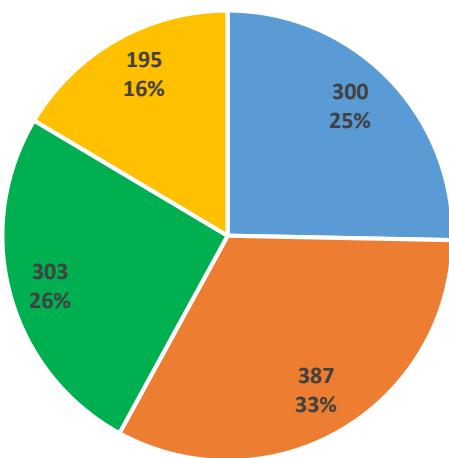
Appendix 8.7: Johnson County

Appendix 8.7.1: 2018 Average Road Width in Johnson County vs. Average Road Width Eastern Side.

	Johnson County, 2018	Eastern side of the State, 2018
Less than 25 ft.	41 (52%)	300 (25%)
25-26 ft.	17 (22%)	387 (33%)
27-30 ft.	10 (13%)	303 (26%)
Greater than 30 ft.	7 (9%)	195 (16%)
Missing	3 (4%)	0 (0%)
Total	78 (100%)	1,159 (100%)



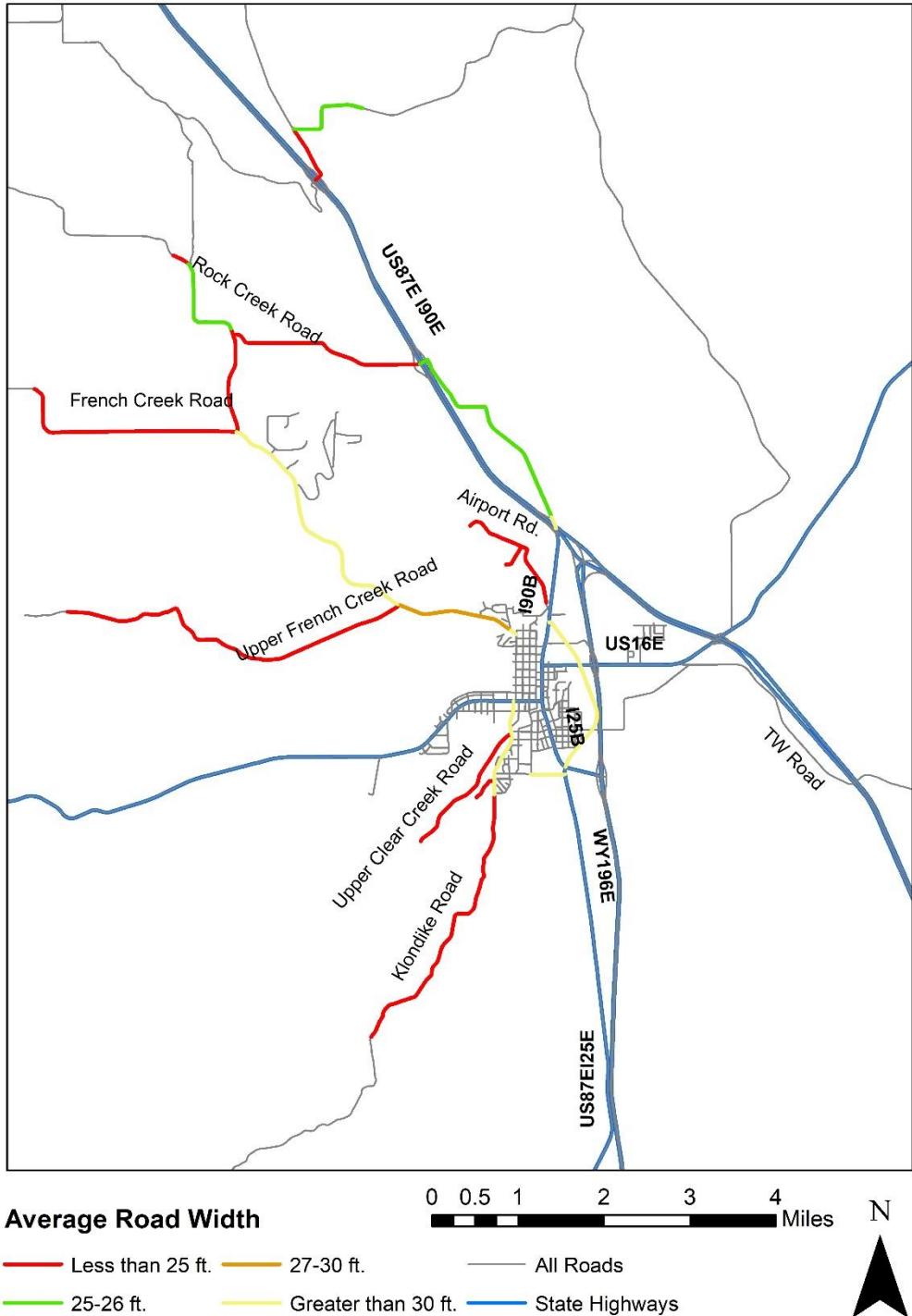
Johnson County Average Road Width, 2018



Average Road Width Eastern Wyoming, 2018

█ Less than 25 ft. █ 25-26 ft. █ 27-30 ft. █ Greater than 30 ft.
█ Missing

Appendix 8.7.2: 2018 Average Road Width in Johnson County vs. Eastern Side.

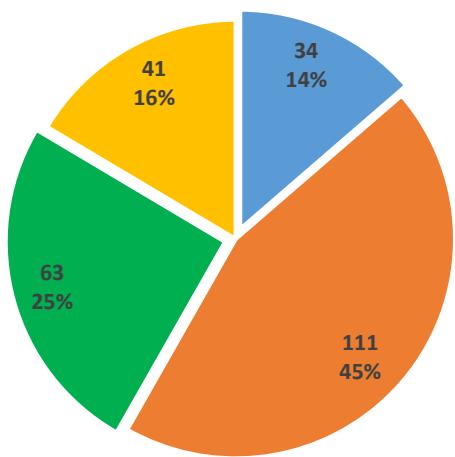


Appendix 8.7.3: Average Road Width in Johnson County.

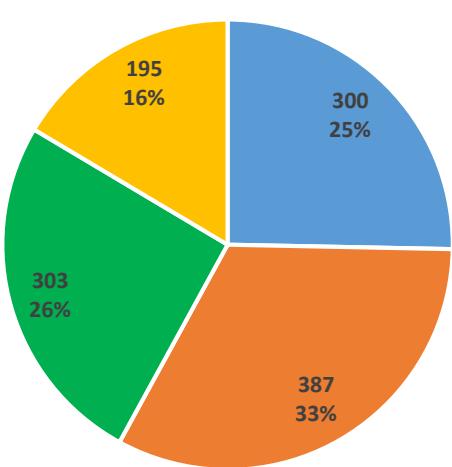
Appendix 8.8: Laramie County

Appendix 8.8.1: 2018 Average road width in Laramie County vs. average road width Eastern Wyoming.

	Laramie County, 2018	Eastern side of the State, 2018
Less than 25 ft.	34 (14%)	300 (25%)
25-26 ft.	111 (45%)	387 (33%)
27-30 ft.	63 (25%)	303 (26%)
Greater than 30 ft.	41 (16%)	195 (16%)
Missing	0 (0%)	0 (0%)
Total	249 (100%)	1,159 (100%)



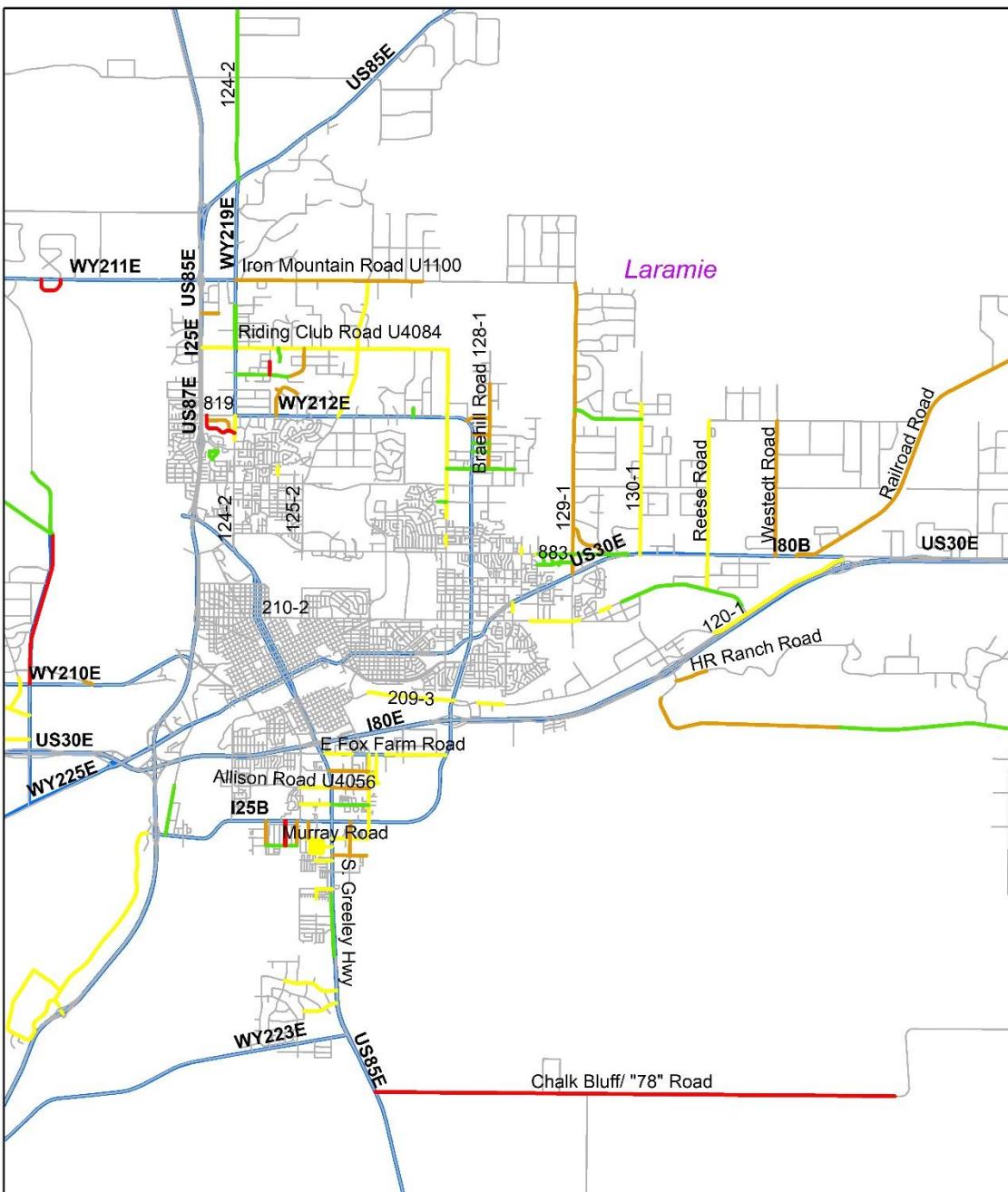
Laramie County Average Road Width, 2018



Average Road Width Eastern Wyoming, 2018

■ Less than 25 ft. ■ 25-26 ft. ■ 27-30 ft. ■ Greater than 30 ft.

Appendix 8.8.2: 2018 Average Road Width in Laramie County vs. Eastern Side.



Average Road Width

- | | | | | | |
|------------------|-----------|-----------|---------------------|-----------|----------------|
| Less than 25 ft. | 25-26 ft. | 27-30 ft. | Greater than 30 ft. | All Roads | State Highways |
|------------------|-----------|-----------|---------------------|-----------|----------------|

0 0.5 1 2 3 4 Miles

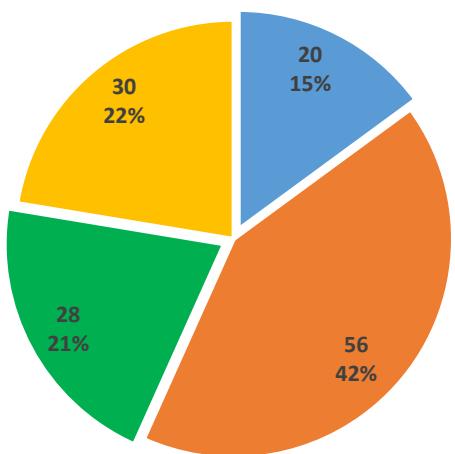


Appendix 8.8.3: Average Road Width in Laramie County.

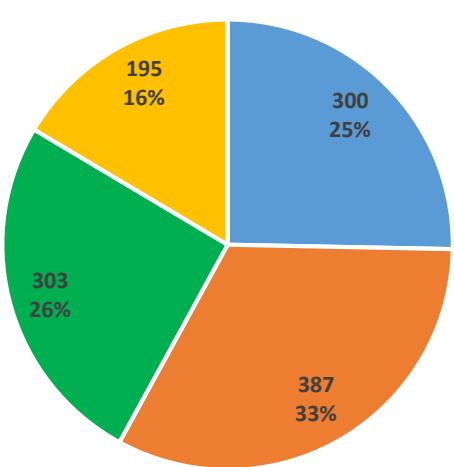
Appendix 8.9: Natrona County

Appendix 8.9.1: 2018 Average Road Width in Natrona County vs. Average Road Width Eastern Side.

	Natrona County, 2018	Eastern side of the State, 2018
Less than 25 ft.	20 (15%)	300 (25%)
25-26 ft.	56 (42%)	387 (33%)
27-30 ft.	28 (21%)	303 (26%)
Greater than 30 ft.	30 (22%)	195 (16%)
Missing	0 (0%)	0 (0%)
Total	134 (100%)	1,159 (100%)



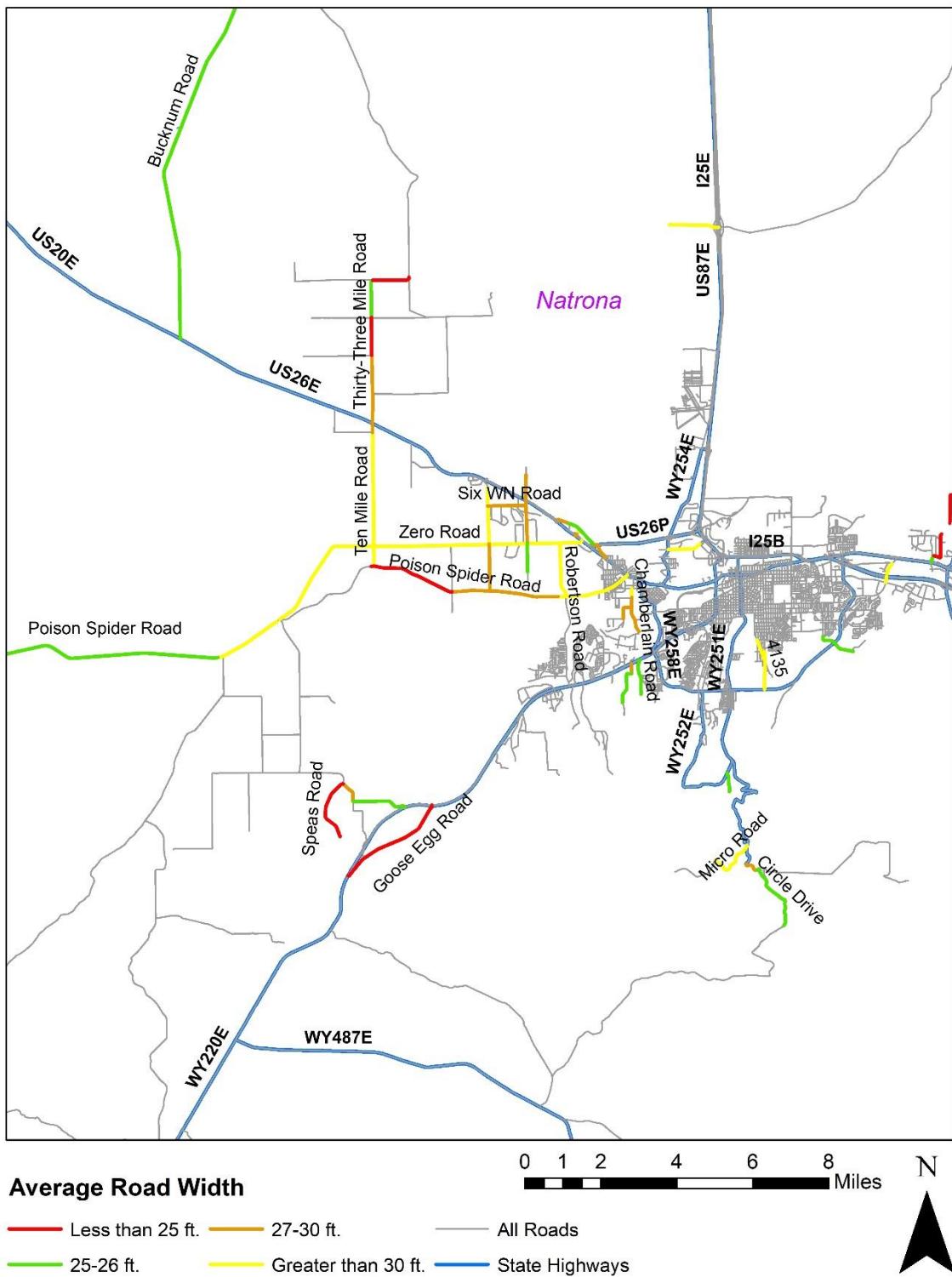
Natrona County Average Road Width, 2018



Average Road Width Eastern Wyoming, 2018

■ Less than 25 ft. ■ 25-26 ft. ■ 27-30 ft. ■ Greater than 30 ft.

Appendix 8.9.2: 2018 Average Road Width in Natrona County vs. Eastern Side.

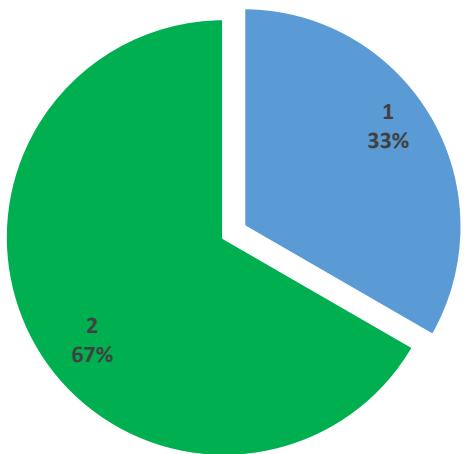


Appendix 8.9.3: Average Road Width in Natrona County.

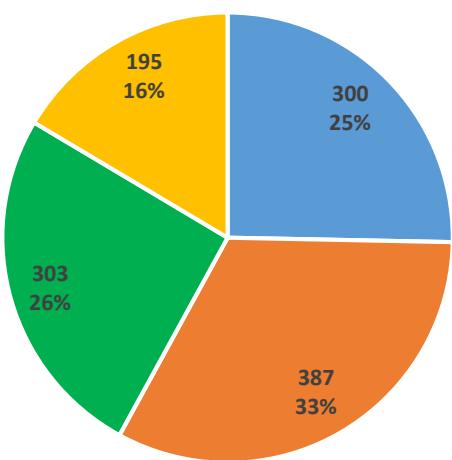
Appendix 8.10: Niobrara County

Appendix 8.10.1: 2018 Average Road Width in Niobrara County vs. Average Road Width Eastern Side.

	Niobrara County, 2018	Eastern side of the State, 2018
Less than 25 ft.	1 (33%)	300 (25%)
25-26 ft.	0 (0%)	387 (33%)
27-30 ft.	2 (67%)	303 (26%)
Greater than 30 ft.	0 (0%)	195 (16%)
Missing	0 (0%)	0 (0%)
Total	3 (100%)	1,159 (100%)



Niobrara County Average Road Width, 2018



Average Road Width Eastern Wyoming, 2018

■ Less than 25 ft. ■ 25-26 ft. ■ 27-30 ft. ■ Greater than 30 ft.

Appendix 8.10.2: 2018 Average Road Width in Niobrara County vs. Eastern Side.

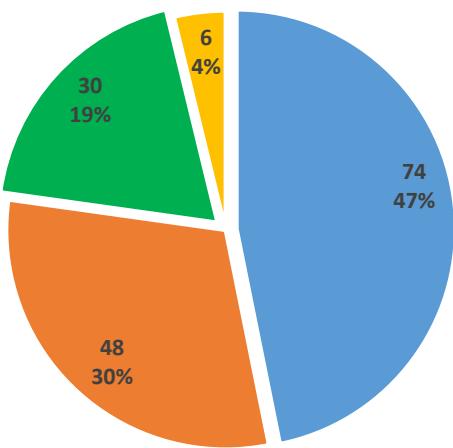


Appendix 8.10.3: Average Road Width in Niobrara County.

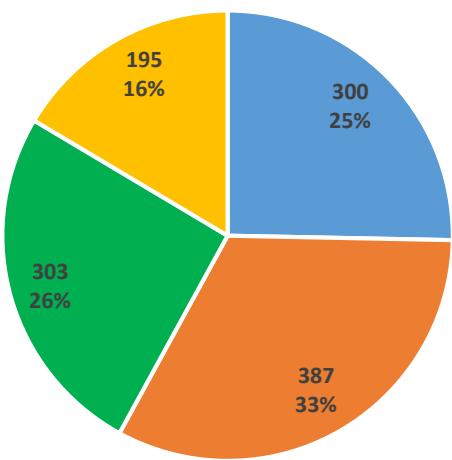
Appendix 8.11: Platte County

Appendix 8.11.1: 2018 Average Road Width in Platte County vs. Average Road Width Eastern Side.

	Platte County, 2018	Eastern side of the State, 2018
Less than 25 ft.	74 (47%)	300 (25%)
25-26 ft.	48 (30%)	387 (33%)
27-30 ft.	30 (19%)	303 (26%)
Greater than 30 ft.	6 (4%)	195 (16%)
Missing	0 (0%)	0 (0%)
Total	158 (100%)	1,159 (100%)



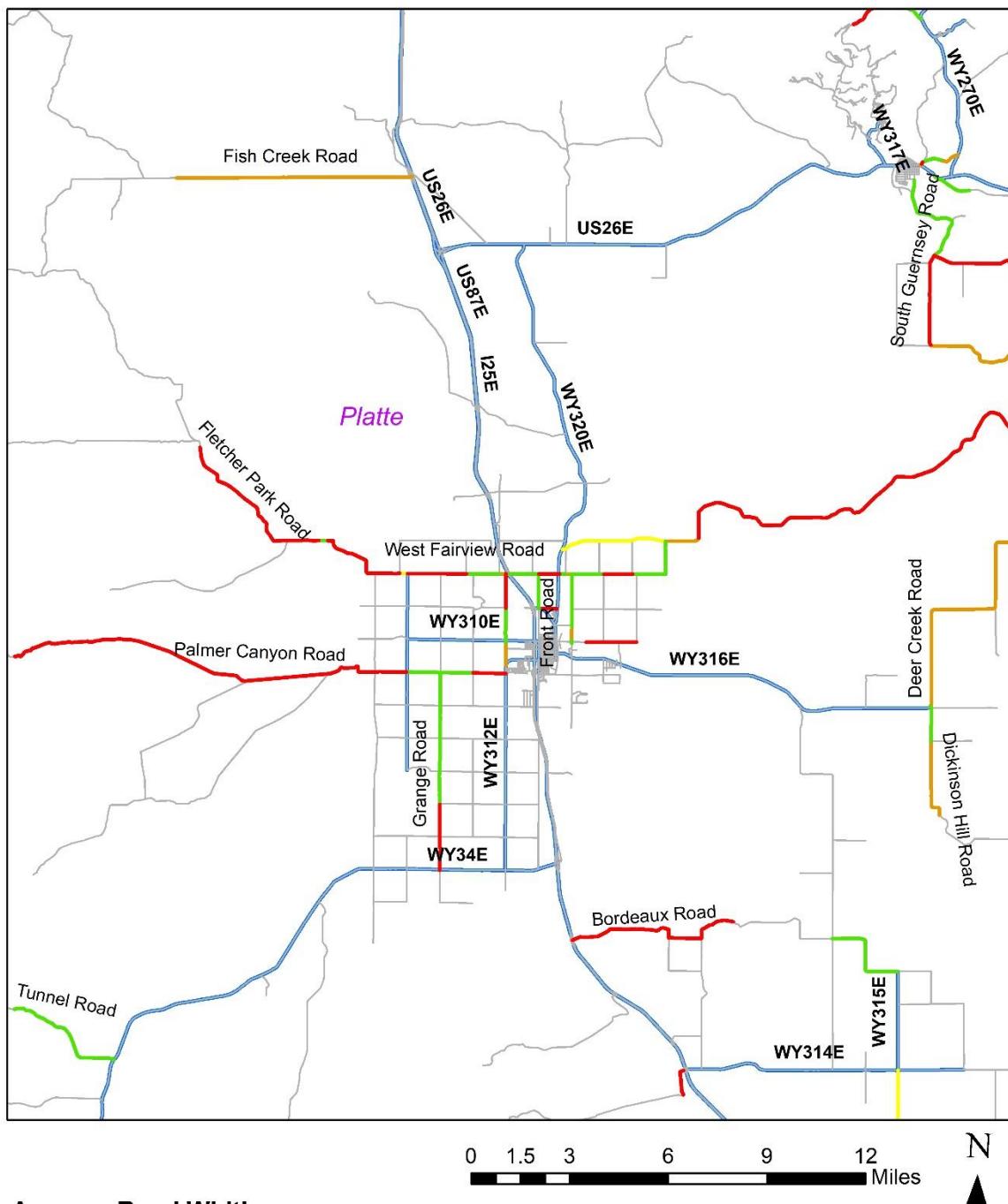
**Platte County Average Road Width,
2018**



**Average Road Width Eastern
Wyoming, 2018**

■ Less than 25 ft. ■ 25-26 ft. ■ 27-30 ft. ■ Greater than 30 ft.

Appendix 8.11.2: 2018 Average Road Width in Platte County vs. Eastern Side.

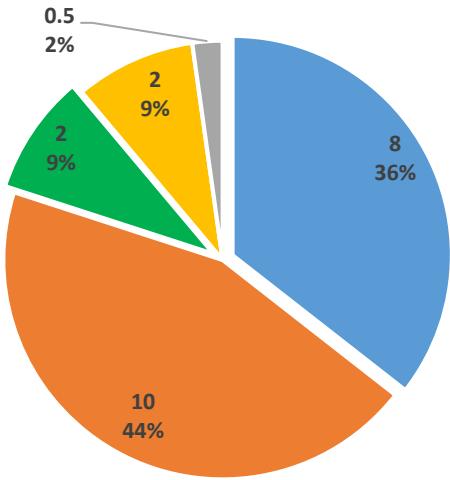


Appendix 8.11.3: Average Road Width in Platte County.

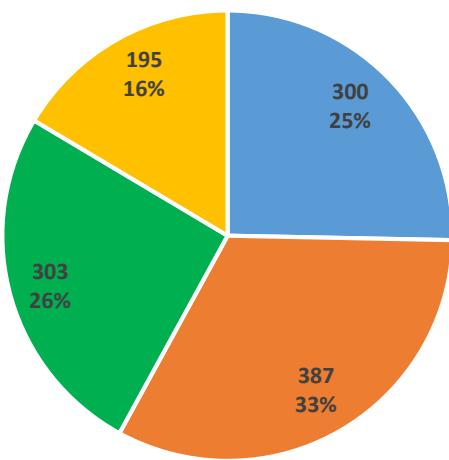
Appendix 8.12: Sheridan County

Appendix 8.12.1: 2018 Average Road Width in Sheridan County vs. Average Road Width Eastern Side.

	Sheridan County, 2018	Eastern side of the State, 2018
Less than 25 ft.	8 (36%)	300 (25%)
25-26 ft.	10 (44%)	387 (33%)
27-30 ft.	2 (9%)	303 (26%)
Greater than 30 ft.	2 (9%)	195 (16%)
Missing	0.5 (2%)	0 (0%)
Total	22 (100%)	1,159 (100%)



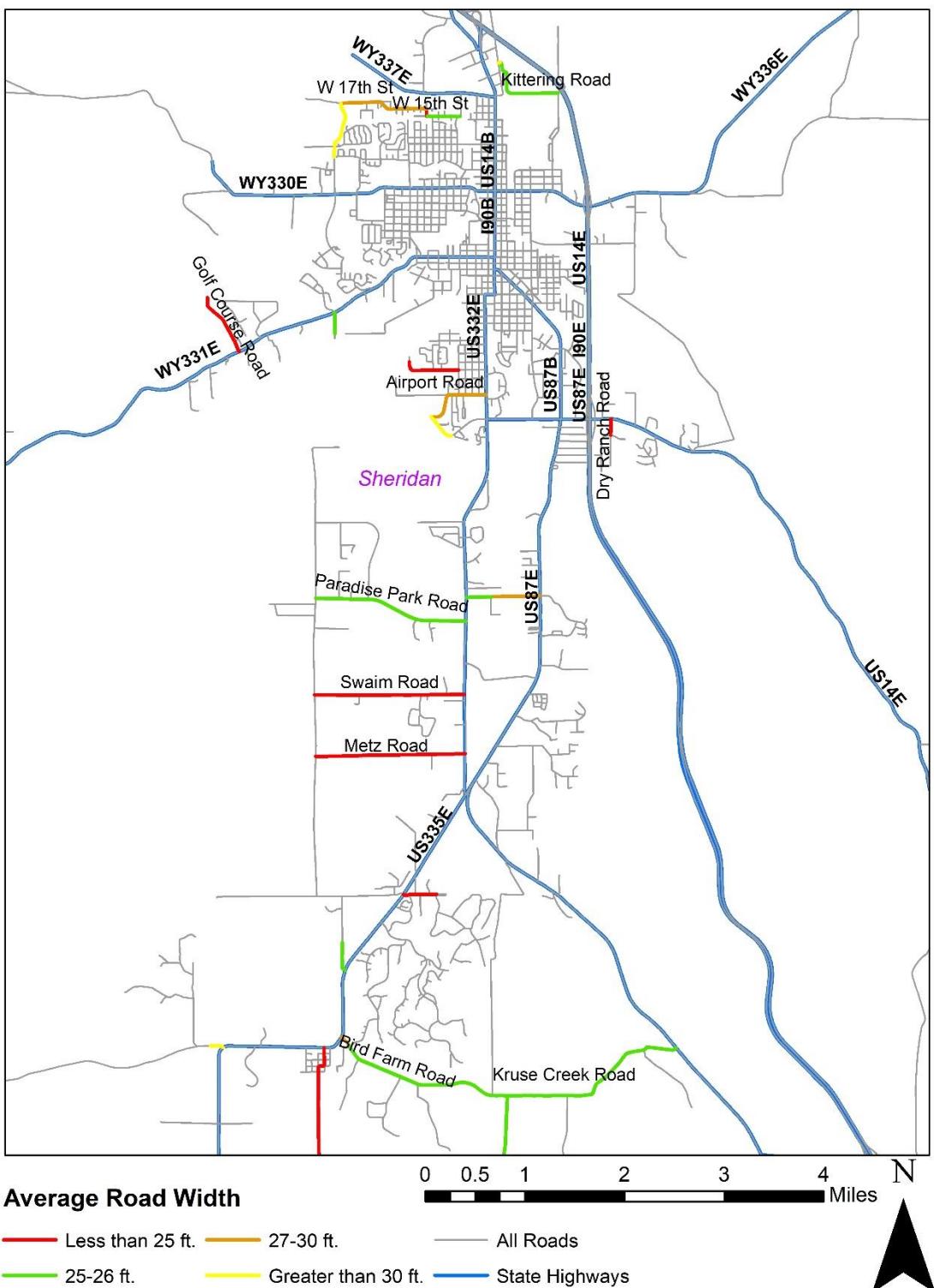
Sheridan County Average Road Width, 2018



Average Road Width Eastern Wyoming, 2018

█ Less than 25 ft.
 █ 25-26 ft.
 █ 27-30 ft.
 █ Greater than 30 ft.
█ Missing

Appendix 8.12.2: 2018 Average Road Width in Sheridan County vs. Eastern Side.

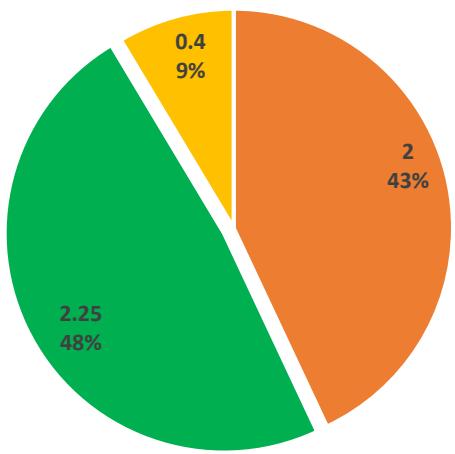


Appendix 8.12.3: Average Road Width in Sheridan County.

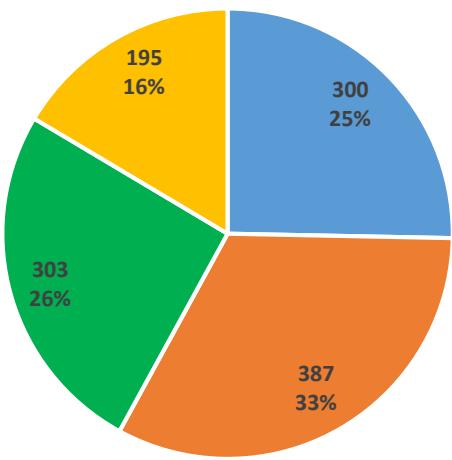
Appendix 8.13: Weston County

Appendix 8.13.1: 2018 Average Road Width in Weston County vs. Average Road Width Eastern Side.

	Weston County, 2018	Eastern side of the State, 2018
Less than 25 ft.	0 (0%)	300 (25%)
25-26 ft.	2 (43%)	387 (33%)
27-30 ft.	2.25 (48%)	303 (26%)
Greater than 30 ft.	0.4 (9%)	195 (16%)
Missing	0 (0%)	0 (0%)
Total	4.65 (100%)	1,159 (100%)



Weston County Average Road Width, 2018



Average Road Width Eastern Wyoming, 2018

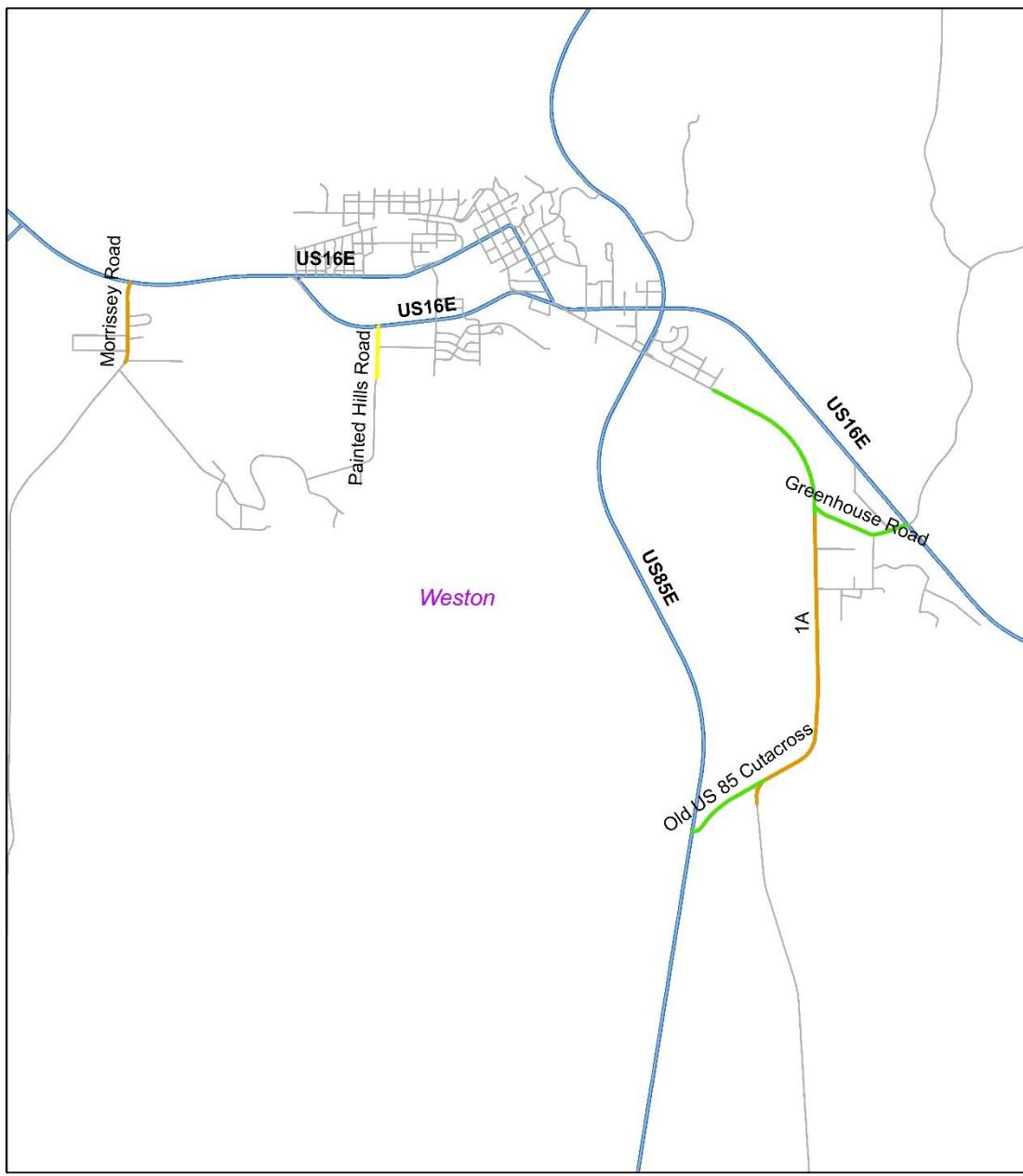
■ Less than 25 ft.

■ 25-26 ft.

■ 27-30 ft.

■ Greater than 30 ft.

Appendix 8.13.2: 2018 Average Road Width in Weston County vs. Eastern Side.



Average Road Width

- | | | |
|------------------|---------------------|----------------|
| Less than 25 ft. | 27-30 ft. | All Roads |
| 25-26 ft. | Greater than 30 ft. | State Highways |

0 0.25 0.5 1 1.5 2 Miles

N



Appendix 8.13.3: Average Road Width in Weston County.