



INFRASTRUCTURE CONDITION EVALUATION



ICE ANNUAL REPORT | DATA YEAR 2022





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1. CORRIDOR EVALUATION



1.1 Iowa primary corridors by ICE rating

Due to the number of corridors in the analysis, only the lowest performing 25 percent of the Primary network is included within this section of the report (Table 1.2). Corridors are ordered by their Composite ICE rating. A restructured table containing the full list of corridors is contained in Appendix 1.

Table 1.1: Corridor Abbreviations

Abbreviation	Route type
INT	Interstate
DIV	Non-Interstate divided
NDIV	Non-divided

The following section provides the results of the corridor analysis. Weighted average criteria scores per corridor are displayed. Details regarding the methodology for this analysis can be found in the Technical Memo.

The route type abbreviations defined in Table 1.1 and used throughout Table 1.2 represent the makeup of the corridor. Appendix 2 contains the ranges used for normalized values for annual average daily traffic (AADT) fields for Interstate, divided, and non-divided roadways. Pavement Condition Index (PCI), International Roughness Index (IRI), Bridge Condition Index (BCI), and congestion were all measured using the same scale across route types.

In a few cases, recently completed or ongoing construction work performed by the Iowa DOT is reflected in the final ICE rating by assuming the normalized PCI would have been a '10'.

Table 1.2: Lowest 25 percent of Iowa Primary Highway System corridors by ICE rating

RANK	Corridor Description	Centerline Mileage	Route Type	5 Year Change	2022 Composite	PCI	IRI	PASS	SU	COMBO	V/C	BCI
464	IA 136: IL border to US 67	0.47	NDIV	-15.0	34.17	1	1	1	1	7	6	4
463	US 61: US 20 to WI border	2.56	DIV	-1.8	52.63	6	2	3	2	3	7	7
462	I 80: IA 28 to IA 415	4.03	INT	-3.0	54.23	8	5	1	1	1	2	8
461	I 80: IA 415 to E mixmaster	2.14	INT	-5.4	55.9	8	5	1	1	2	3	9
460	US 151: US 30 to IA 13	8.16	DIV	-4.9	59.2	6	3	3	2	3	7	8
459	I 80: US 6 to IA 141	1.96	INT	-3.8	59.87	9	6	1	1	2	2	7
458	I 80: IA 141 to IA 28	4.42	INT	-1.5	59.94	9	6	1	1	1	4	7
457	US 18: US 75 to IA 60	18.44	NDIV	-6.0	60.33	7	4	3	4	1	8	7
456	US 218: I-380 terminus to IA 27	7.58	DIV	-5.6	60.39	6	4	2	5	4	8	8
455	US 77: NE border to I-29	0.31	DIV	-5.2	60.42	7	1	1	4	9	6	6
454	US 67: I-74 to I-80	9.19	NDIV	-4.8	60.52	7	4	1	1	2	8	8
453	IA 92: US 218 to US 61	17.81	NDIV	-5.4	60.67	6	5	6	7	1	9	7
452	US 67: US 61 to I-74	4.56	NDIV	-7.2	60.78	6	2	2	4	7	7	3
451	US 65: IA 163 to I-80	4.93	DIV	-4.7	60.91	7	4	3	2	2	8	9
450	US 75: IA 60 to US 18	25.52	NDIV	-3.1	61.31	7	5	4	2	1	8	8
449	IA 14: IA 163 to I-80	12.5	NDIV	-4.7	62.28	6	1	5	6	5	9	8
448	IA 39: US 59 to IA 175	24.34	NDIV	-0.4	62.4	6	4	8	7	2	9	6
447	US 136: US 61 to IL border	3.04	NDIV	-1.1	62.6	5	2	5	7	6	10	5
446	IA 163: US 69 to US 65	5.33	DIV	-3.4	62.67	5	2	2	3	9	7	5
445	IA 4: IA 3 to US 18	26.18	NDIV	0.7	62.8	6	2	7	7	5	10	7
444	US 30: US 71 to US 169	40.89	NDIV	-4.7	63.02	7	5	4	3	3	9	7
443	US 6: IA 38 to I-80	5.16	NDIV	-2.4	63.12	7	4	6	6	5	9	6
442	IA 22: US 218 to IA 70	16.04	NDIV	-2.9	63.6	6	2	6	6	3	9	8
441	IA 137: IA 5 to US 63	14.67	NDIV	-4.1	63.71	5	3	7	6	5	9	8
440	I 80: W mixmaster to US 6	2.41	INT	-3.6	63.85	7	5	4	3	5	4	7
439	US 20: IA 14 to IA 27	16.37	DIV	-5.7	63.9	7	4	6	5	1	8	9
438	IA 922: I-380 to IA 100	4.81	NDIV	-3.3	63.97	6	1	2	3	9	7	8
437	IA 13: E16 to US 20	19.53	NDIV	-8.9	64.23	7	5	3	4	3	8	8
436	US 34: Ottumwa W CL to US 63	5.2	DIV	-4.1	64.34	5	2	6	7	8	8	8
435	US 20: IA 27 to US 218	7.63	DIV	4.9	64.35	8	6	3	2	1	7	8
434	US 69: IA 5 to I-235	7.4	DIV	-4.3	64.52	5	2	2	4	10	6	5
433	US 30: US 59 to US 71	27.28	NDIV	-3.4	64.78	7	5	5	4	3	9	7
432	IA 461: US 67 to US 6	5.75	NDIV	1.6	65.02	6	2	1	3	9	8	6
431	IA 23: IA 149 to IA 92	16.02	NDIV	1.4	65.09	5	2	7	8	8	10	7
430	I 80: I-380 to IA 1	7.09	INT	-1.2	65.19	9	6	4	4	1	5	8
429	IA 28: Norwalk S CL to IA 5	4.03	DIV	-3.9	65.22	5	1	3	4	10	8	7
428	US 6: I-280 to IA 461	6.97	NDIV	-6.4	65.27	5	2	3	6	9	7	7
427	US 18: US 169 to I-35	44.61	NDIV	-1.9	65.45	7	5	5	4	3	8	7
426	US 61: I-80 to US 30	15.48	DIV	-2.9	65.6	8	6	3	2	3	7	8
425	US 34: 0.8 mi W of US 275 to US 59	13.97	NDIV	5.4	65.88	8	6	4	1	3	9	7
424	US 18: IA 60 to US 71	33.44	NDIV	-2.0	65.93	8	6	6	5	2	9	7
423	IA 4: US 20 to IA 3	19.77	NDIV	-9.7	66.04	7	4	8	7	1	9	8
422	IA 38: US 61 to US 6	7.86	NDIV	-5.3	66.07	7	6	3	1	4	8	7
421	US 59: I-80 to US 30	35.68	NDIV	3.4	66.16	8	5	6	5	2	9	7
420	IA 51: US 18 to IA 9	10.91	NDIV	-1.7	66.2	6	4	8	6	6	10	6
419	US 61: Burlington N CL to IA 92	30.51	NDIV	0.0	66.32	8	5	4	4	3	9	7



RANK	Corridor Description	Centerline Mileage	Route Type	5 Year Change	2022 Composite	PCI	IRI	PASS	SU	COMBO	V/C	BCI
418	I 80: US 6 to I-280	18.21	INT	-1.6	66.33	9	6	7	5	1	5	7
417	US 218: IA 1 to I-80	5.4	DIV	-1.6	66.37	9	7	2	1	1	6	9
416	IA 13: US 20 to IA 3	13.72	NDIV	1.0	66.39	5	2	5	7	8	9	8
415	US 6: NE border to I-29	0.9	NDIV	4.5	66.53	9	5	2	3	4	7	3
414	I 80: IA 1 to US 6	25.45	INT	-1.0	66.63	9	6	6	4	1	5	7
413	US 65: IA 5 to IA 163	8.43	DIV	-3.8	66.65	8	5	3	1	4	8	9
412	US 30: NE border to I-29	9.25	NDIV	11.1	66.7	10	8	5	1	1	9	5
411	US 18: US 71 to US 169	52.49	NDIV	-2.6	66.89	7	5	6	5	3	9	6
410	US 20: IA 32 to IL border	4.39	DIV	8.7	66.98	8	5	1	1	6	5	6
409	IA 38: I-80 to US 30	17.71	NDIV	1.9	67.07	7	4	6	7	6	9	8
408	US 30: IA 922 to I-380	3.73	DIV	-0.4	67.1	8	6	2	3	3	7	8
407	US 18: SD state line to US 75	25.86	NDIV	-1.6	67.18	8	5	6	4	3	9	8
406	US 59: MO border to IA 2	11.2	NDIV	-3.9	67.19	5	1	8	8	7	10	9
405	US 18: US 52 to IA 76	24.71	NDIV	0.0	67.24	7	5	5	4	2	9	7
404	IA 3: I-35 to US 65	9.86	NDIV	-3.2	67.24	5	3	6	7	7	9	8
403	IA 22: IA 70 to US 61	9.37	NDIV	1.5	67.27	8	4	5	6	4	9	8
402	US 59: US 18 to MN border	21.75	NDIV	-4.6	67.3	6	2	9	8	5	10	8
401	US 30: 2.4 mi W of IA 1 to US 61	40.07	NDIV	1.2	67.37	8	5	6	5	3	9	7
400	US 34: US 65 to IA 5	35.63	NDIV	7.3	67.58	7	5	7	8	3	10	6
399	IA 22: IA 1 to US 218	8.91	NDIV	8.9	67.65	7	3	5	5	6	9	9
398	IA 58: US 63 to US 20	5.28	NDIV	-5.8	67.7	4	2	6	7	9	9	9
397	IA 14: IA 5 to IA 163	14.48	NDIV	0.4	67.89	7	4	5	5	6	9	5
396	US 30: I-29 to US 59	44.9	NDIV	3.4	67.91	8	6	5	4	2	9	7
395	IA 150: IA 3 to US 18	22.68	NDIV	-0.5	67.98	6	3	7	6	8	9	8
394	IA 10: US 71 to IA 4	24.4	NDIV	-7.1	68.02	5	2	9	8	8	10	8
393	IA 44: US 169 to IA 141	12.93	NDIV	-4.9	68.02	7	3	2	2	7	8	9
392	I 80: US 169 to W mixmaster	12.71	INT	1.4	68.08	8	6	5	7	4	5	7
391	IA 92: IA 1 to US 218	9.48	NDIV	1.0	68.23	7	3	3	7	7	9	7
390	I 80: E mixmaster to IA 14	26.62	INT	-2.9	68.23	9	6	5	4	4	5	7
389	IA 150: US 20 to IA 3	16.46	NDIV	2.6	68.34	7	4	4	5	6	9	8
388	IA 92: I-35 to US 65	11.98	NDIV	2.4	68.35	6	4	4	2	9	8	6
387	IA 5: US 34 to E jct of IA 92	26.16	NDIV	-0.4	68.44	7	6	5	5	5	9	7
386	IA 461: US 6 to I-80	3.89	NDIV	-0.6	68.58	8	4	1	2	8	7	6
385	IA 461: I-280 to US 67	5.25	DIV	0.3	68.68	7	3	5	5	6	9	7
384	I 380: US 30 to IA 100	7.97	INT	-3.3	68.73	8	6	2	3	7	5	7
383	US 218: US 34 to IA 92	22.06	DIV	-0.8	68.75	8	5	6	7	2	8	8
382	US 218: IA 27 to US 34	24.68	DIV	-3.1	68.79	6	5	8	8	3	9	9
381	IA 160: IA 415 to I-35	2.45	DIV	1.1	68.82	7	3	2	4	9	7	8
380	US 63: US 18 to MN border	32.9	NDIV	3.5	68.95	8	6	6	4	2	9	7
379	IA 1: US 6 to I-80	3.64	NDIV	-2.2	69.02	6	2	2	6	10	7	7
378	US 63: MO border to US 34	33.71	NDIV	1.1	69.05	8	5	5	7	4	9	7
377	US 20: US 65 to IA 14	26.87	DIV	-4.6	69.12	8	5	8	6	2	9	9
376	US 67: I-80 to US 30	20.82	NDIV	3.0	69.13	7	4	4	6	6	9	8
375	IA 906: IA 906 to I-80	4	DIV	-6.4	69.14	5	2	6	7	10	8	7
374	US 218: IA 92 to IA 1	24.43	DIV	-2.3	69.24	8	6	5	4	3	8	9
373	IA 3: US 71 to US 169	47.68	NDIV	-2.3	69.3	7	6	8	6	3	10	8
372	IA 27: US 20 to US 218	6.56	DIV	-1.3	69.39	6	3	4	8	8	8	9

1. CORRIDOR EVALUATION

RANK	Corridor Description	Centerline Mileage	Route Type	5 Year Change	2022 Composite	PCI	IRI	PASS	SU	COMBO	V/C	BCI
371	IA 92: US 59 to US 71	21.8	NDIV	-3.5	69.46	6	3	9	8	8	10	6
370	US 75: US 18 to MN border	21.23	NDIV	-4.4	69.55	8	5	7	5	3	9	8
369	US 18: I-35 to US 65	8.2	DIV	-0.9	69.64	8	5	8	6	2	9	9
368	IA 5: US 65/US 69 to IA 28	6.1	DIV	-4.0	69.65	8	5	2	2	6	7	9
367	I 80: I-29 to US 6	3.78	INT	2.3	69.7	9	5	7	7	5	6	7
366	IA 28: IA 92 to Norwalk S CL	7.27	NDIV	-1.5	69.78	6	2	6	5	9	9	9
365	US 63: IA 149 to IA 92	22.58	DIV	-2.1	69.83	7	4	7	6	4	9	8
364	IA 946: US 52 to US 61	1.03	DIV	1.3	69.95	7	2	6	7	8	8	9
363	US 18: US 65 to US 218	31.99	DIV	-1.3	70.08	8	5	7	6	2	9	9
362	I 80: I-74 to IL border	8.93	INT	-4.1	70.17	8	6	7	6	5	6	7
361	US 218: IA 57 to IA 3	16.63	DIV	0.3	70.19	8	6	5	6	3	8	9
360	I 235: IA 28 to US 69	5.54	INT	-1.9	70.22	9	6	1	1	8	3	8
359	US 69: I-235 to I-35/80	3.73	NDIV	5.5	70.23	7	3	3	2	8	7	
358	US 71: IA 86 to MN border	18.15	NDIV	-3.5	70.27	7	4	4	5	7	8	9
357	US 34: IA 25 to I-35	30.72	NDIV	-3.1	70.27	8	7	6	3	3	9	7
356	IA 15: IA 3 to US 18	29.41	NDIV	-6.8	70.36	6	2	9	9	7	10	8
355	US 63: US 30 to US 20	39.43	NDIV	3.2	70.39	8	4	6	5	5	9	7
354	US 61: IA 38 to I-280	20.98	DIV	-2.8	70.52	7	5	6	4	5	8	9
353	IA 3: US 75 to US 59	34.37	NDIV	-4.6	70.55	8	5	6	6	3	9	7
352	IA 92: IA 5 to US 63	23.26	NDIV	-4.0	70.6	7	5	6	4	6	9	8
351	US 6: US 151 to IA 965	15.07	NDIV	-3.7	70.77	8	6	4	1	7	8	7
350	IA 141: IA 144 to US 169	4.42	DIV	-2.6	70.81	6	1	7	7	9	9	9
349	IA 4: IA 9 to MN border	8.21	NDIV	-2.7	70.82	5	1	9	9	9	10	
348	US 61: US 151 to US 20	4.96	DIV	6.5	70.88	9	5	5	3	4	8	9
347	IA 28: I-235 to US 6	1.47	NDIV	-4.0	70.92	7	3	2	4	9	6	
346	IA 376: I-29 to IA 12	4.26	DIV	1.2	70.94	6	2	6	7	9	8	8
345	US 75: US 20 to IA 60	27.21	DIV	1.7	70.94	9	5	6	6	3	8	8
344	IA 175: US 59 to US 71	25.26	NDIV	-2.7	70.94	6	4	8	8	6	10	8
343	US 169: US 20 to IA 3	20.49	NDIV	-3.7	70.95	8	5	5	4	4	9	8
342	IA 28: IA 5 to I-235	5.86	DIV	-3.4	71	7	3	3	6	9	7	7
341	IA 28: US 6 to I-35/80	1.62	DIV	-1.2	71.02	7	3	2	5	10	6	
340	I 80: US 59 to US 6/US 71	20.92	INT	-1.6	71.02	8	5	8	7	4	7	7
339	I 380: I-80 to US 30	16.26	INT	0.4	71.1	9	7	3	3	5	4	8
338	US 6: IA 1 to IA 70	17.51	NDIV	-1.3	71.14	7	5	3	3	8	8	8
337	I 80: US 6 to US 59	31.76	INT	-2.0	71.25	8	6	8	7	4	7	8
336	IA 5: IA 28 to I-35	5.28	DIV	-2.3	71.3	9	6	1	2	6	7	9
335	US 34: I-35 to US 65	17	NDIV	6.5	71.45	8	6	6	7	3	9	7
334	IA 62: IA 64 to US 52	19.64	NDIV	-2.5	71.47	7	2	8	7	10	10	7
333	US 6: US 69 to I-235	1.31	DIV	-3.5	71.5	8	4	3	3	8	7	7
332	I 235: US 69 to E mixmaster	4.77	INT	-1.2	71.54	9	5	1	2	9	4	8
331	US 69: US 30 to Ames N CL	5.18	NDIV	-2.4	71.55	6	3	3	6	10	7	8
330	IA 1: I-80 to US 30	17.46	NDIV	-4.3	71.57	8	6	1	2	6	7	8
329	IA 27: MO border to US 218	10.72	DIV	-3.0	71.57	8	5	9	8	3	9	9
328	IA 56: IA 150 to IA 13	24.44	NDIV	-5.0	71.6	6	1	10	8	9	10	8

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1.2 Lowest-rated corridors by individual criterion

To highlight the corridors with the poorest normalization values and raw data values for each of the seven criteria, the “ten lowest-rated” corridor lists were developed to show the bottommost corridors across the entire system. For PCI, IRI, BCI, and the congestion index, each table includes a mixture of Interstate, non-Interstate divided, and non-divided routes across the system. Individual tables by route type are provided for the three AADT factors as they are normalized on different scales. The charts below provide a look at these corridors by each individual criterion.

Table 1.3: Lowest-rated corridors by PCI

Corridor Description	Route Type	Composite Score	Avg. PCI
IA 136: IL border to US 67	Non-Divided	34.17	7.0
IA 58: US 63 to US 20	Non-Divided	67.7	41.3
US 34: Ottumwa W CL to US 63	Divided	64.34	42.1
US 6: I-280 to IA 461	Non-Divided	65.27	42.5
IA 13: US 20 to IA 3	Non-Divided	66.39	43.4
IA 906: IA 906 to I-80	Divided	69.14	43.4
IA 28: Norwalk S CL to IA 5	Divided	65.22	44.6
IA 23: IA 149 to IA 92	Non-Divided	65.09	45.7
IA 25: IA 2 to US 34	Non-Divided	71.65	46.0
IA 10: US 71 to IA 4	Non-Divided	68.02	46.1

Table 1.4: Lowest-rated corridors by IRI

Corridor Description	Route Type	Composite Score	Avg. IRI
IA 136: IL border to US 67	Non-Divided	34.17	335.0
IA 906: IA 906 to I-80	Divided	69.14	211.9
US 136: US 61 to IL border	Non-Divided	62.6	196.3
IA 4: IA 9 to MN border	Non-Divided	70.82	196.1
US 6: I-280 to IA 461	Non-Divided	65.27	194.1
US 67: US 61 to I-74	Non-Divided	60.78	187.0
IA 56: IA 150 to IA 13	Non-Divided	71.6	181.2
IA 461: US 67 to US 6	Non-Divided	65.02	180.1
IA 1: US 6 to I-80	Non-Divided	69.02	178.0
IA 163: US 69 to US 65	Divided	62.67	177.2

Table 1.5: Lowest-rated corridors by BCI

Corridor Description	Route Type	Composite Score	Avg. BCI
IA 12: US 20/US 75 to I-29	Divided	79.74	21.2
US 67: US 61 to I-74	Non-Divided	60.78	21.8
US 6: NE border to I-29	Non-Divided	66.53	26.6
IA 136: IL border to US 67	Non-Divided	34.17	33.0
IA 14: IA 5 to IA 163	Non-Divided	67.89	43.7
IA 78: IA 149 to IA 1	Non-Divided	76.6	45.9
IA 163: US 69 to US 65	Divided	62.67	46.0
US 136: US 61 to IL border	Non-Divided	62.6	46.4
US 69: IA 5 to I-235	Divided	64.52	47.1
IA 22: IL border to US 61	Non-Divided	74.06	49.0



Table 1.6: Lowest-rated corridors by passenger AADT

Corridor Description	Route Type	Composite Score	Avg. Pass. AADT
I 235: IA 28 to US 69	Interstate	70.22	46,883.7
I 235: W mixmaster to IA 28	Interstate	74.43	41,024.5
I 80: US 6 to IA 141	Interstate	59.87	38,898.3
I 80: IA 28 to IA 415	Interstate	54.23	37,911.9
I 80: IA 415 to E mixmaster	Interstate	55.9	33,400.7
I 80: IA 141 to IA 28	Interstate	59.94	32,016.0
I 35: I-80/I-235 to IA 160	Interstate	73.54	30,830.3
I 235: US 69 to E mixmaster	Interstate	71.54	30,675.7
I 380: US 30 to IA 100	Interstate	68.73	26,909.5
I 80: W mixmaster to US 6	Interstate	63.85	26,695.1
US 6: IA 461 to I-74	Divided	74.08	14,372.5
US 77: NE border to I-29	Divided	60.42	14,307.8
IA 415: IA 160 to I-35/80	Divided	80.71	13,949.6
IA 5: IA 28 to I-35	Divided	71.3	13,715.8
US 20: IA 32 to IL border	Divided	66.98	13,327.5
IA 28: US 6 to I-35/80	Divided	71.02	13,020.7
IA 160: IA 415 to I-35	Divided	68.82	12,663.0
US 69: IA 5 to I-235	Divided	64.52	12,071.3
US 6: I-35/80 to IA 28	Divided	77.51	11,962.1
US 218: IA 1 to I-80	Divided	66.37	11,905.5
US 6: IA 965 to IA 1	Non-Divided	74.13	17,871.8
IA 922: I-380 to IA 100	Non-Divided	63.97	15,251.0
US 6: IA 28 to US 69	Non-Divided	73.23	15,161.6
IA 461: US 6 to I-80	Non-Divided	68.58	14,626.5
US 6: NE border to I-29	Non-Divided	66.53	14,165.5
IA 28: I-235 to US 6	Non-Divided	70.92	14,077.2
IA 415: I-35/80 to US 6	Non-Divided	78.06	14,006.3
IA 461: US 67 to US 6	Non-Divided	65.02	13,508.9
US 67: US 61 to I-74	Non-Divided	60.78	13,229.6
US 69: US 30 to Ames N CL	Non-Divided	71.55	10,733.1

Table 1.7: Lowest-rated corridors by single-unit truck AADT

Corridor Description	Route Type	Composite Score	Avg. SU. AADT
I 80: US 6 to IA 141	Interstate	59.87	2,812.1
I 80: IA 28 to IA 415	Interstate	54.23	2,795.9
I 80: IA 141 to IA 28	Interstate	59.94	2,519.6
I 80: IA 415 to E mixmaster	Interstate	55.9	2,298.4
I 80: W mixmaster to US 6	Interstate	63.85	1,837.5
I 235: IA 28 to US 69	Interstate	70.22	1,705.0
I 35: I-80/I-235 to IA 160	Interstate	73.54	1,553.2
I 35: IA 5 to I-80/I-235	Interstate	72.69	1,459.3
I 35: IA 160 to US 30	Interstate	71.62	1,404.7
I 235: US 69 to E mixmaster	Interstate	71.54	1,366.2
US 218: IA 1 to I-80	Divided	66.37	719.8
US 65: IA 163 to I-80	Divided	60.91	664.9
US 61: US 20 to WI border	Divided	52.63	628.4
US 65: IA 5 to IA 163	Divided	66.65	576.9
US 20: IA 27 to US 218	Divided	64.35	548.2
US 151: US 30 to IA 13	Divided	59.2	482.9
US 20: IA 32 to IL border	Divided	66.98	472.2
US 61: I-80 to US 30	Divided	65.6	471.2
IA 5: IA 28 to I-35	Divided	71.3	467.1
IA 5: US 65/US 69 to IA 28	Divided	69.65	445.3
IA 415: I-35/80 to US 6	Non-Divided	78.06	663.5
US 69: I-235 to I-35/80	Non-Divided	70.23	597.4
US 6: NE border to I-29	Non-Divided	66.53	595.3
US 6: IA 28 to US 69	Non-Divided	73.23	441.9
US 67: I-74 to I-80	Non-Divided	60.52	408.3
IA 44: US 169 to IA 141	Non-Divided	68.02	404.4
IA 1: I-80 to US 30	Non-Divided	71.57	391.3
IA 461: US 6 to I-80	Non-Divided	68.58	383.6
US 6: IA 965 to IA 1	Non-Divided	74.13	382.2
US 6: US 151 to IA 965	Non-Divided	70.77	380.4

Table 1.8: Lowest-rated corridors by combo-unit truck AADT

Corridor Description	Route Type	Composite Score	Avg. Combo AADT
I 80: IA 28 to IA 415	Interstate	54.23	6,763.8
I 80: IA 1 to US 6	Interstate	66.63	6,514.9
I 80: IA 141 to IA 28	Interstate	59.94	6,453.1
I 80: US 6 to I-280	Interstate	66.33	6,397.0
I 80: IA 415 to E mixmaster	Interstate	55.9	6,338.0
I 80: I-380 to IA 1	Interstate	65.19	6,210.0
I 80: US 6 to IA 141	Interstate	59.87	5,805.5
I 80: US 151 to I-380	Interstate	75.15	4,696.6
I 80: US 63 to US 151	Interstate	72.17	4,631.2
I 80: I-280 to I-74	Interstate	71.9	4,547.1
US 218: IA 1 to I-80	Divided	66.37	1,517.8
US 20: IA 27 to US 218	Divided	64.35	1,421.7
US 18: US 65 to US 218	Divided	70.08	1,235.4
US 20: IA 14 to IA 27	Divided	63.9	1,140.6
US 218: US 34 to IA 92	Divided	68.75	1,123.8
US 20: US 65 to IA 14	Divided	69.12	1,109.7
US 65: IA 163 to I-80	Divided	60.91	1,083.7
US 20: I-29 to US 75	Divided	72.2	1,082.1
US 20: US 169 to I-35	Divided	75.9	1,072.8
US 18: I-35 to US 65	Divided	69.64	1,042.9
US 30: NE border to I-29	Non-Divided	66.7	906.3
US 63: US 18 to MN border	Non-Divided	68.95	810.6
US 6: NE border to I-29	Non-Divided	66.53	770.3
US 75: IA 60 to US 18	Non-Divided	61.31	711.0
US 30: 1.3 mi W of IA 21 to US 218 63 to US 218	Non-Divided	77.51	659.8
IA 92: US 218 to US 61	Non-Divided	60.67	641.1
US 18: US 75 to IA 60	Non-Divided	60.33	594.9
IA 4: US 20 to IA 3	Non-Divided	66.04	592.8
US 30: I-29 to US 59	Non-Divided	67.91	582.9
US 18: IA 60 to US 71	Non-Divided	65.93	555.4

Table 1.9: Lowest-rated corridors by congestion index (V/C ratio)

Corridor Description	Route Type	Composite Score	Avg. Vol./ Capacity
I 80: IA 28 to IA 415	Interstate	54.23	0.89
I 80: US 6 to IA 141	Interstate	59.87	0.85
I 235: W mixmaster to IA 28	Interstate	74.43	0.83
I 235: IA 28 to US 69	Interstate	70.22	0.83
I 80: IA 415 to E mixmaster	Interstate	55.9	0.79
I 35: I-80/I-235 to IA 160	Interstate	73.54	0.69
I 80: IA 141 to IA 28	Interstate	59.94	0.69
I 80: W mixmaster to US 6	Interstate	63.85	0.67
I 380: I-80 to US 30	Interstate	71.1	0.67
I 235: US 69 to E mixmaster	Interstate	71.54	0.64

1.3 Mapping analysis

The following section offers a series of maps. The maps are broken out by district and urban areas where multiple corridors converge. Upon request, maps can be created for any area within Iowa.

For the sake of the document length, only 15 of the 68 urban areas within the state have been included within this report. They have been selected because they contain the most corridors and the largest number of miles analyzed by the model. No other criteria was used to determine which maps to include within this report. Map series based upon other administrative boundaries may be requested.

Table 1.10: Corridor Count Per District

District	# of Corridors	Segment Miles*
District 1	113	2,038.5
District 2	81	1,770.7
District 3	75	1,878.8
District 4	74	1,706.7
District 5	88	1,880.3
District 6	99	1,904.5

**Segment miles based on administrative district boundaries, not operational boundaries.*

Table 1.11: Corridor Count Per Urban Area

Urban area	# of Corridors	Segment Miles
DES MOINES	44	348.6
DAVENPORT	19	155.0
WATERLOO	16	111.1
CEDAR RAPIDS	15	152.3
IOWA CITY	14	78.5
SIOUX CITY	11	87.6
COUNCIL BLUFFS	11	63.6
OTTUMWA	8	45.9
DUBUQUE	8	45.1
AMES	8	30.7
MUSCATINE	6	36.0
OSKALOOSA	6	24.7
MASON CITY	6	23.1
NEWTON	6	19.2
CLINTON	5	31.6

Figure 1.12: District 1 map

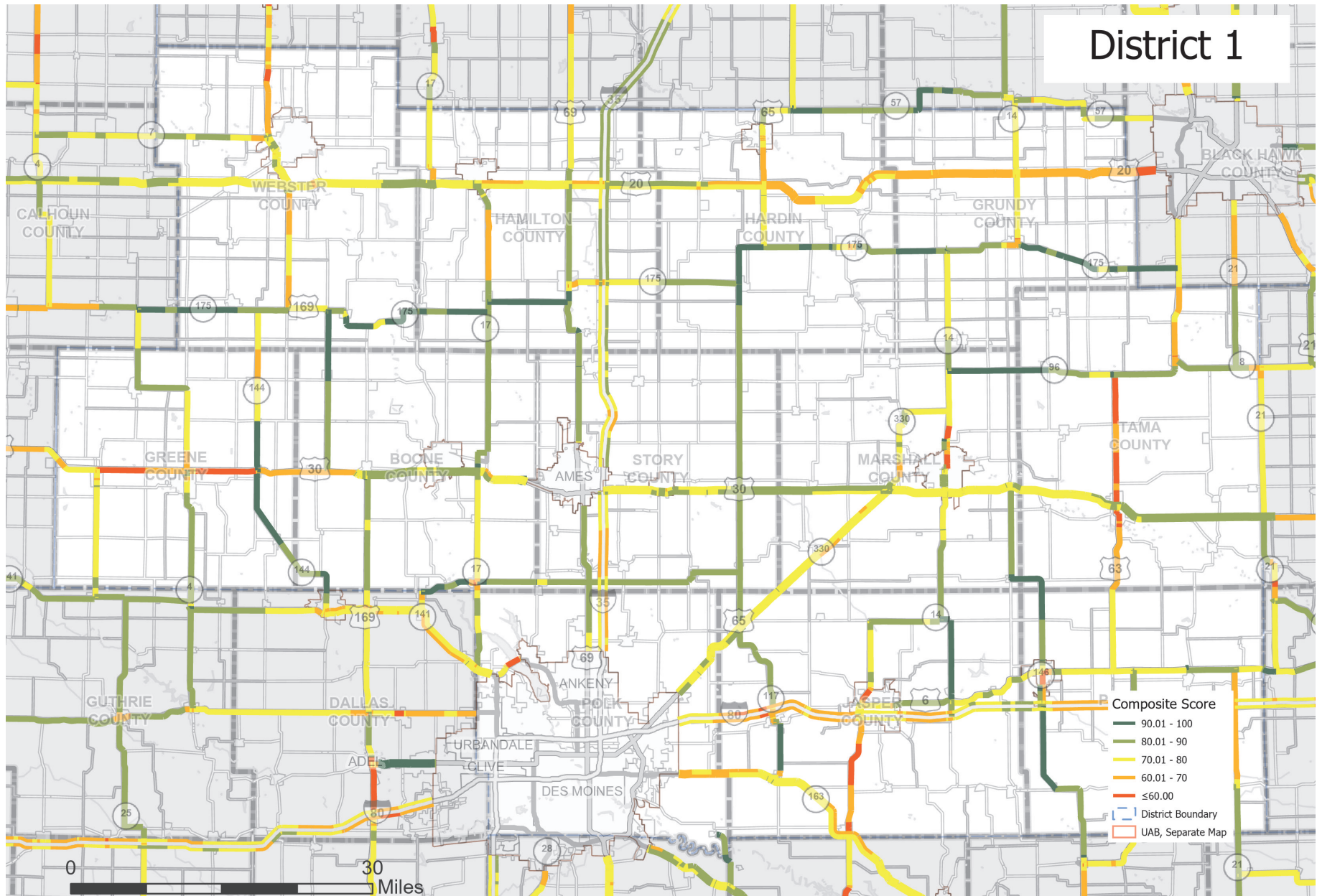


Figure 1.13: District 2 map

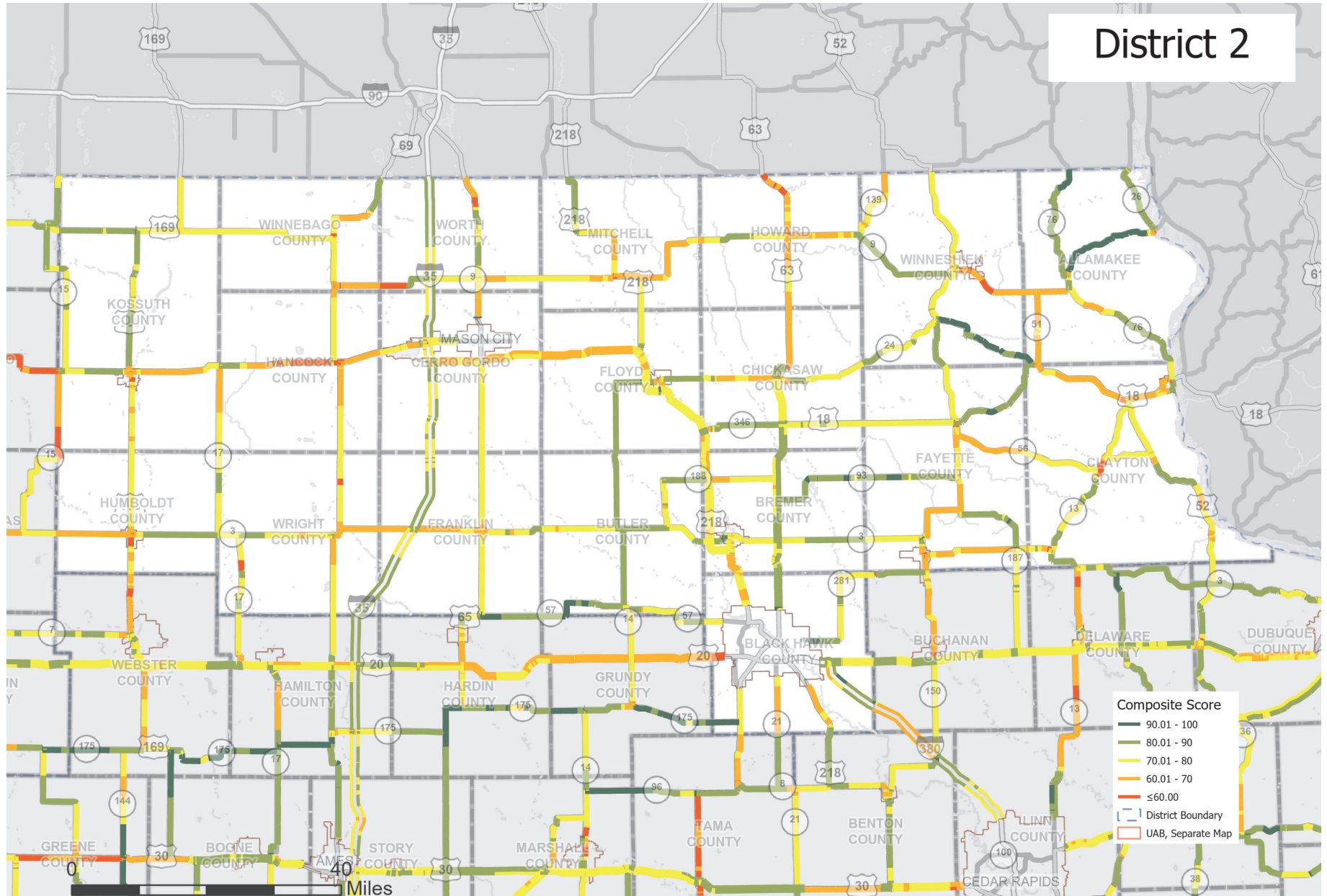


Figure 1.14: District 3 map

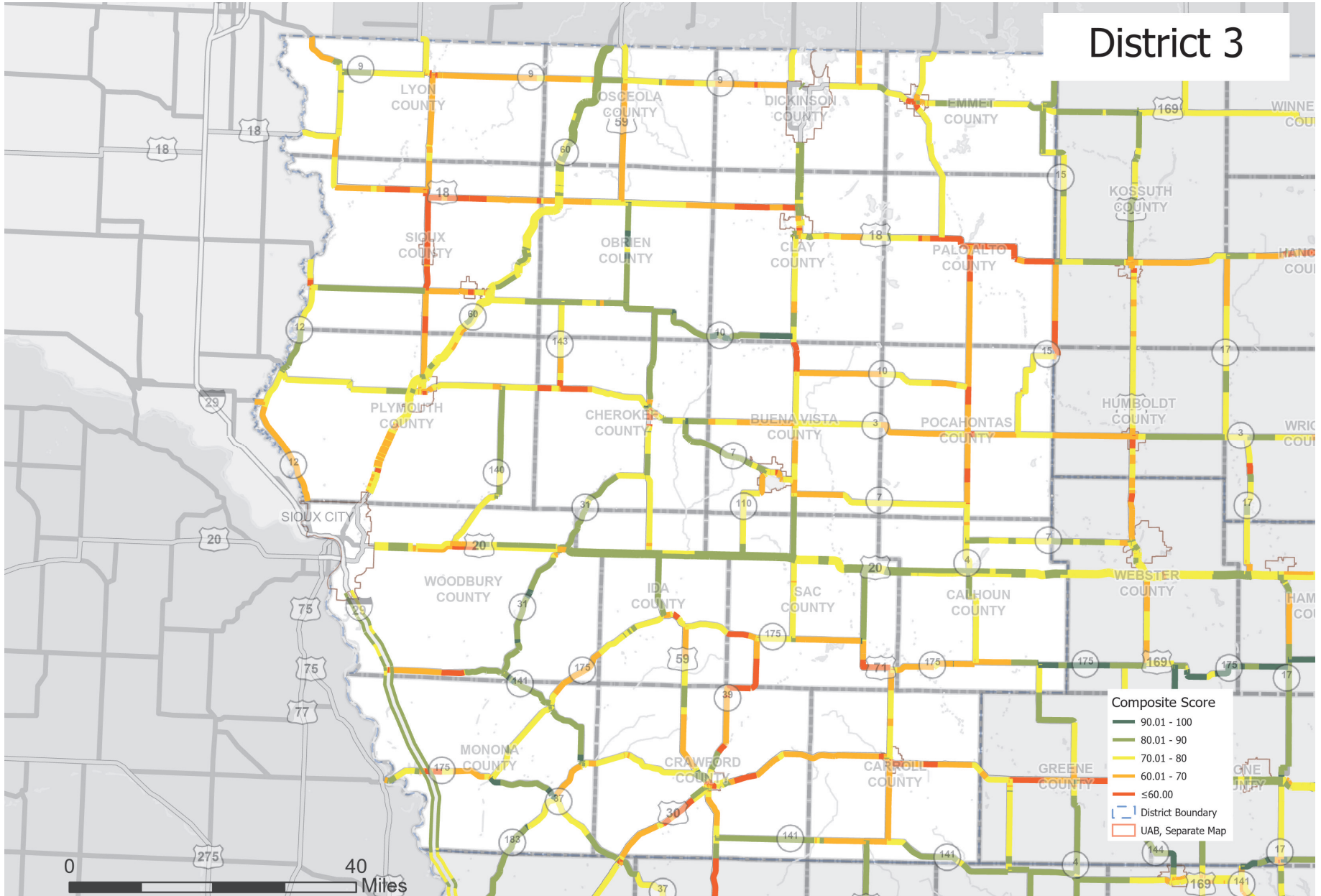


Figure 1.15: District 4 map

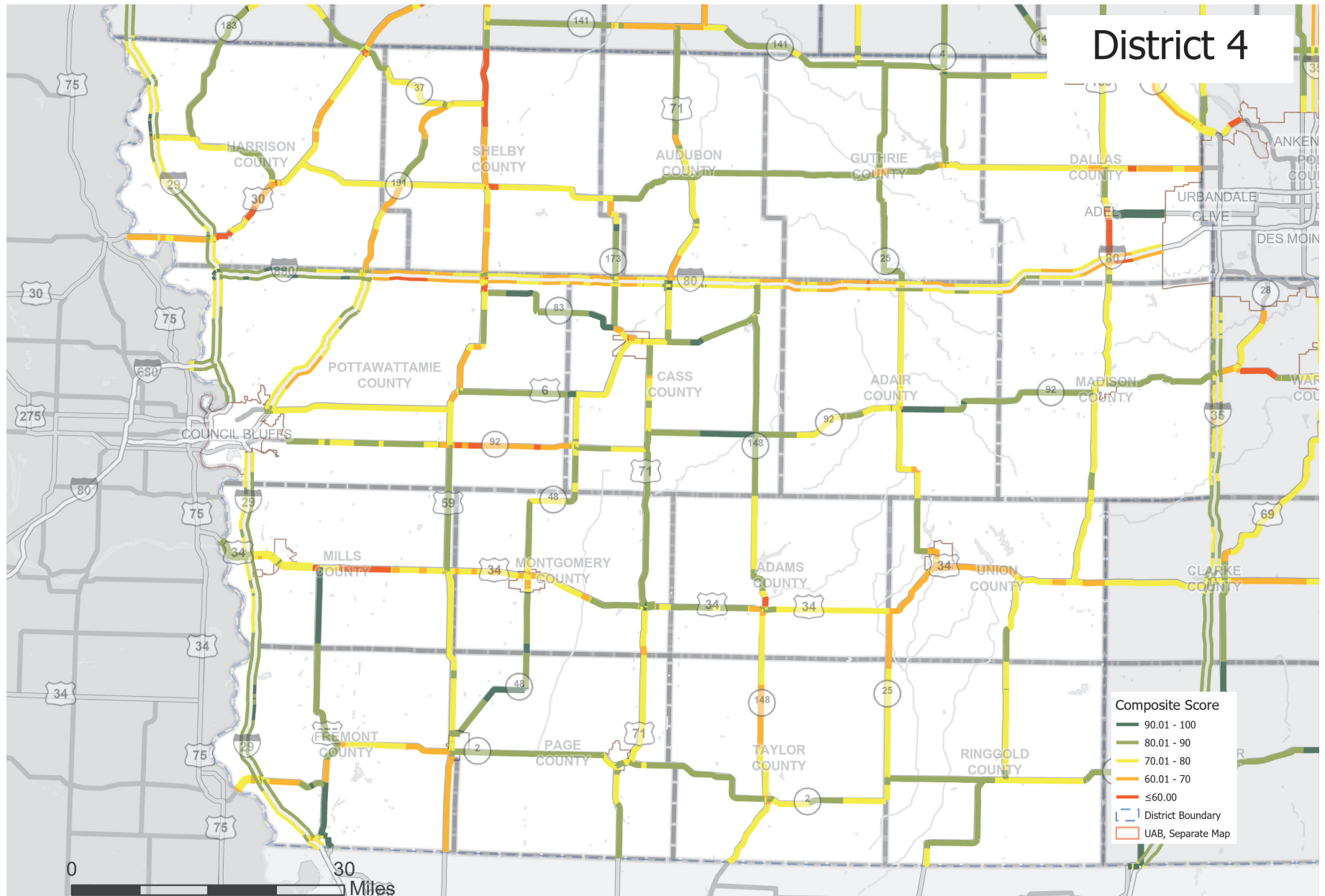


Figure 1.16: District 5 map

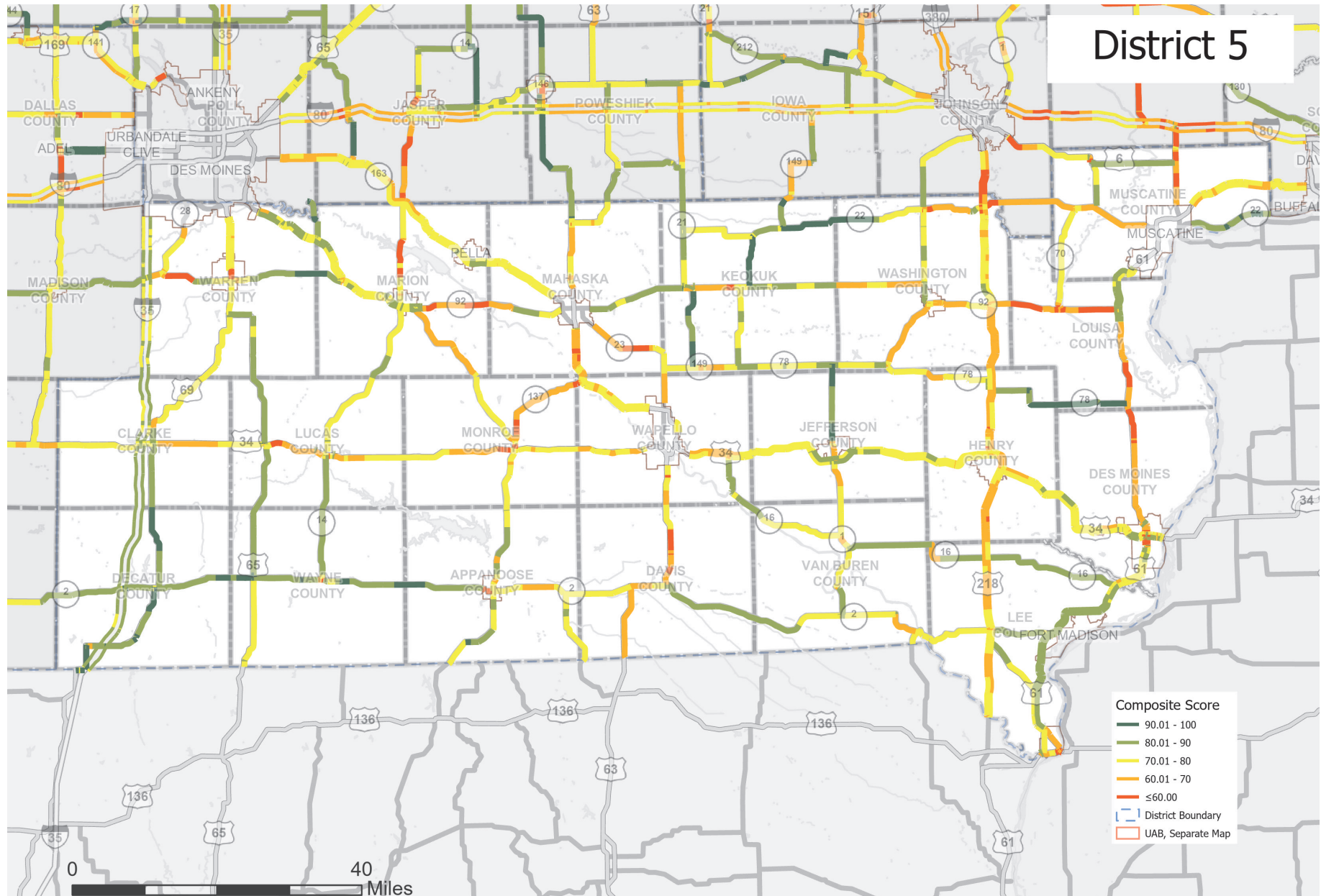


Figure 1.17: District 6 map

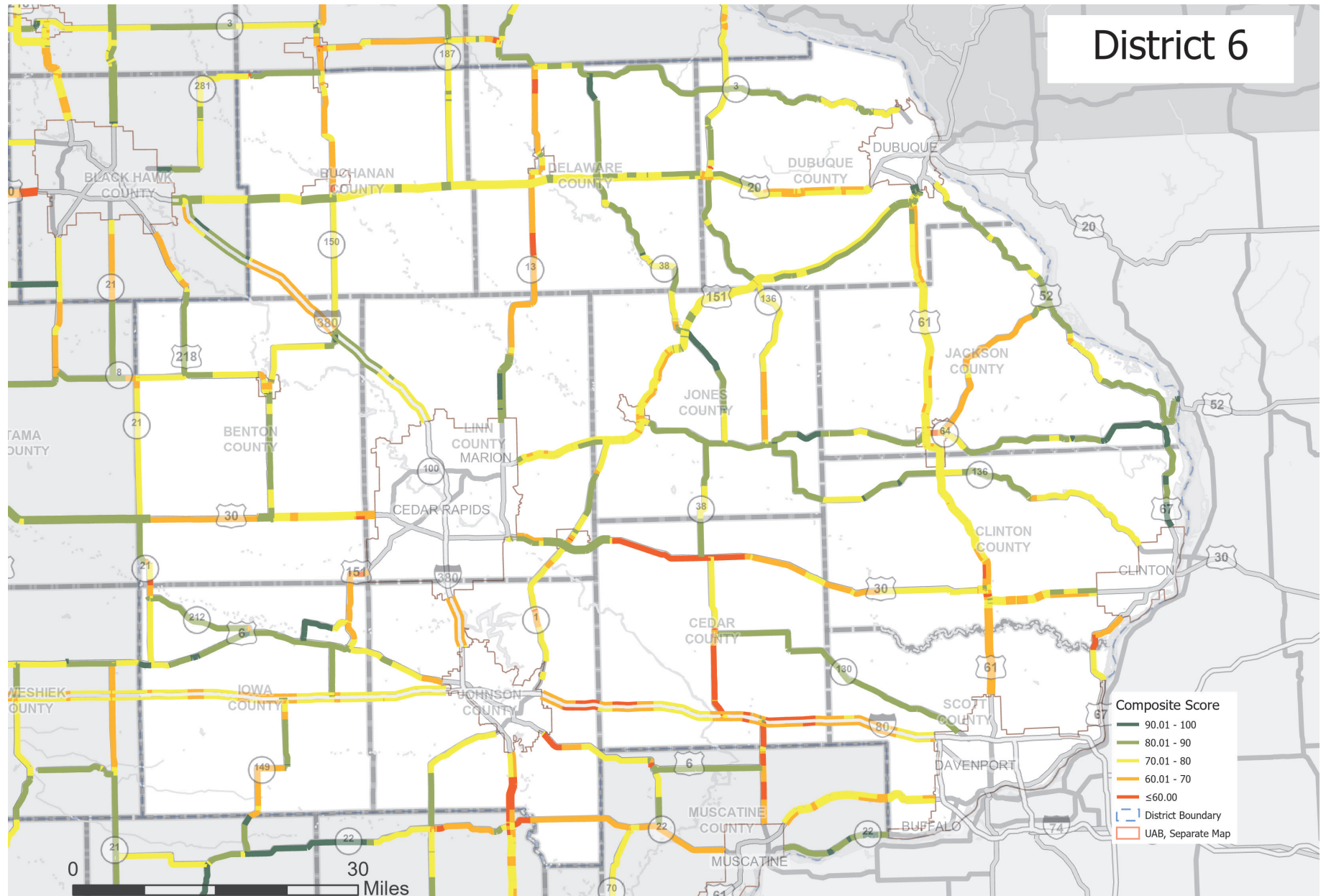


Figure 1.18: Urban Area Map - Des Moines

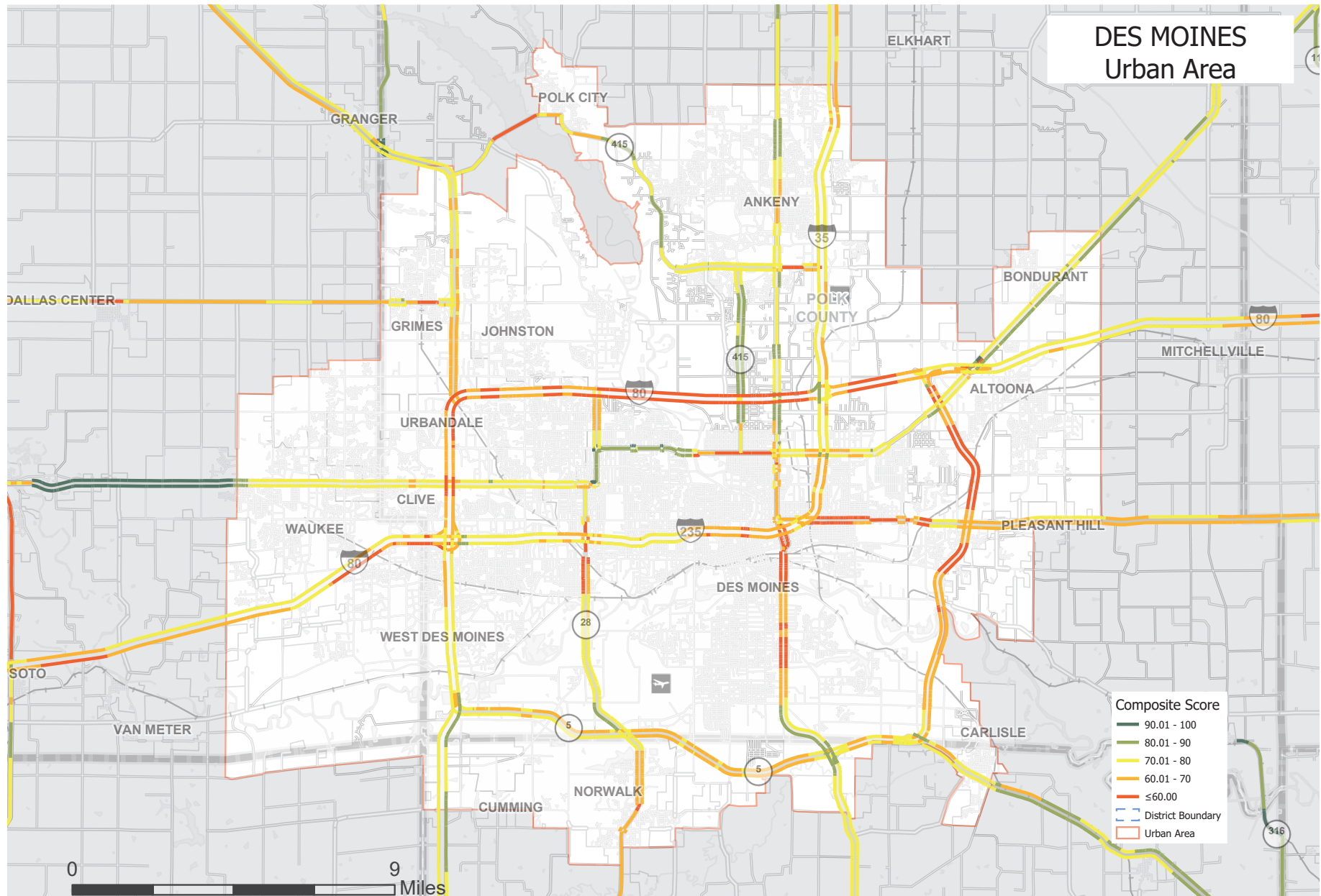


Figure 1.19: Urban Area Map - Cedar Rapids

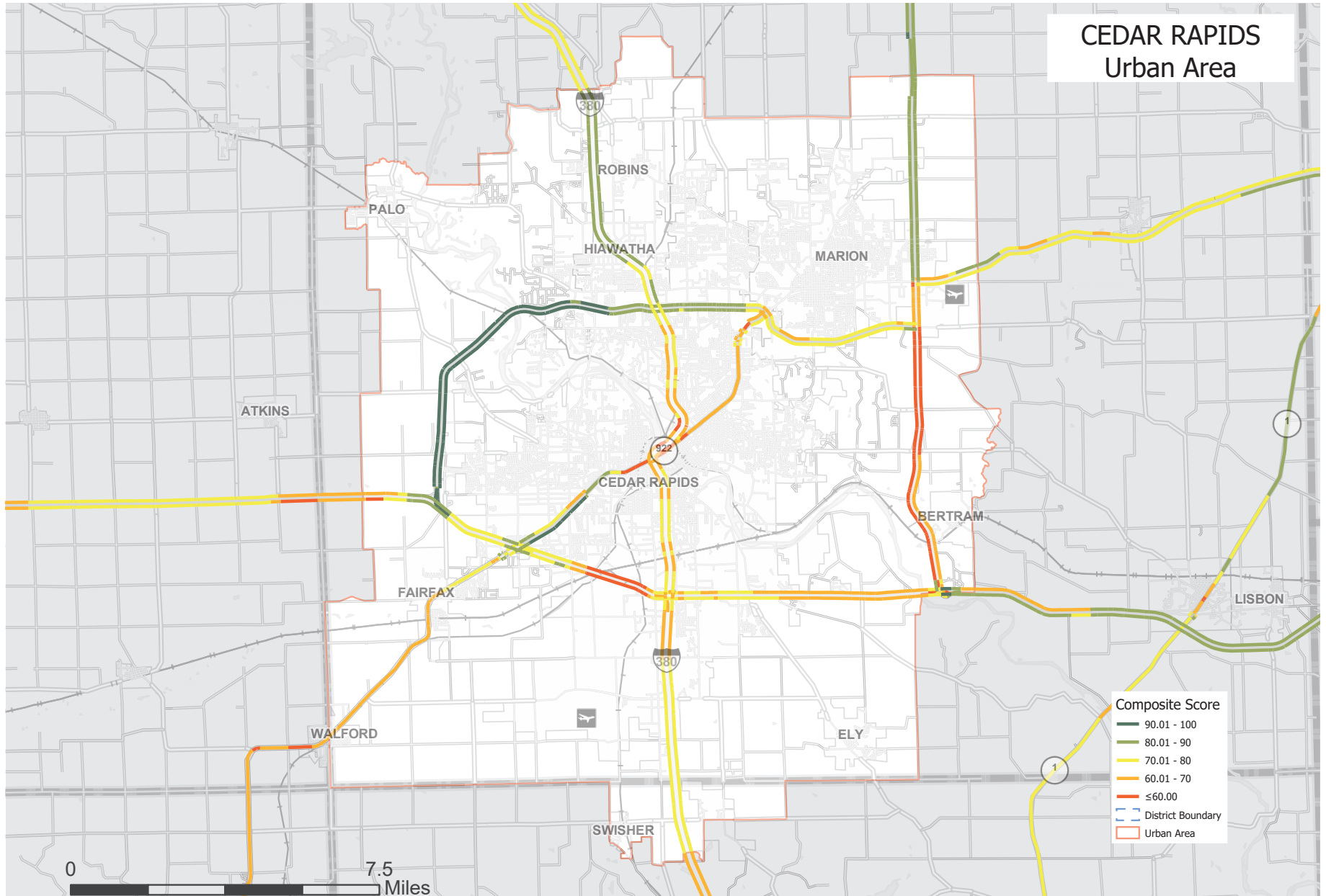


Figure 1.20: Urban Area Map - Davenport

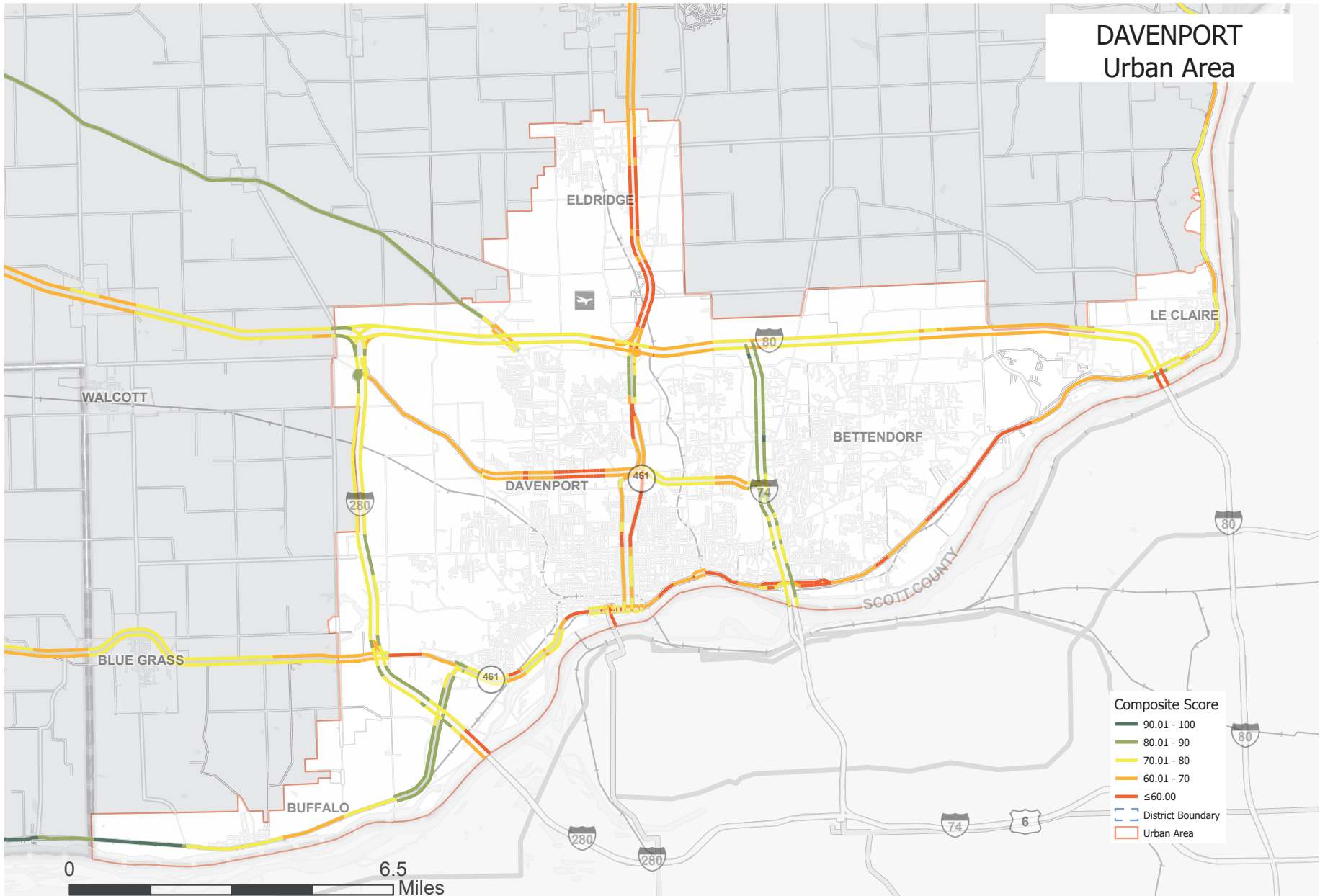


Figure 1.21: Urban Area Map - Waterloo

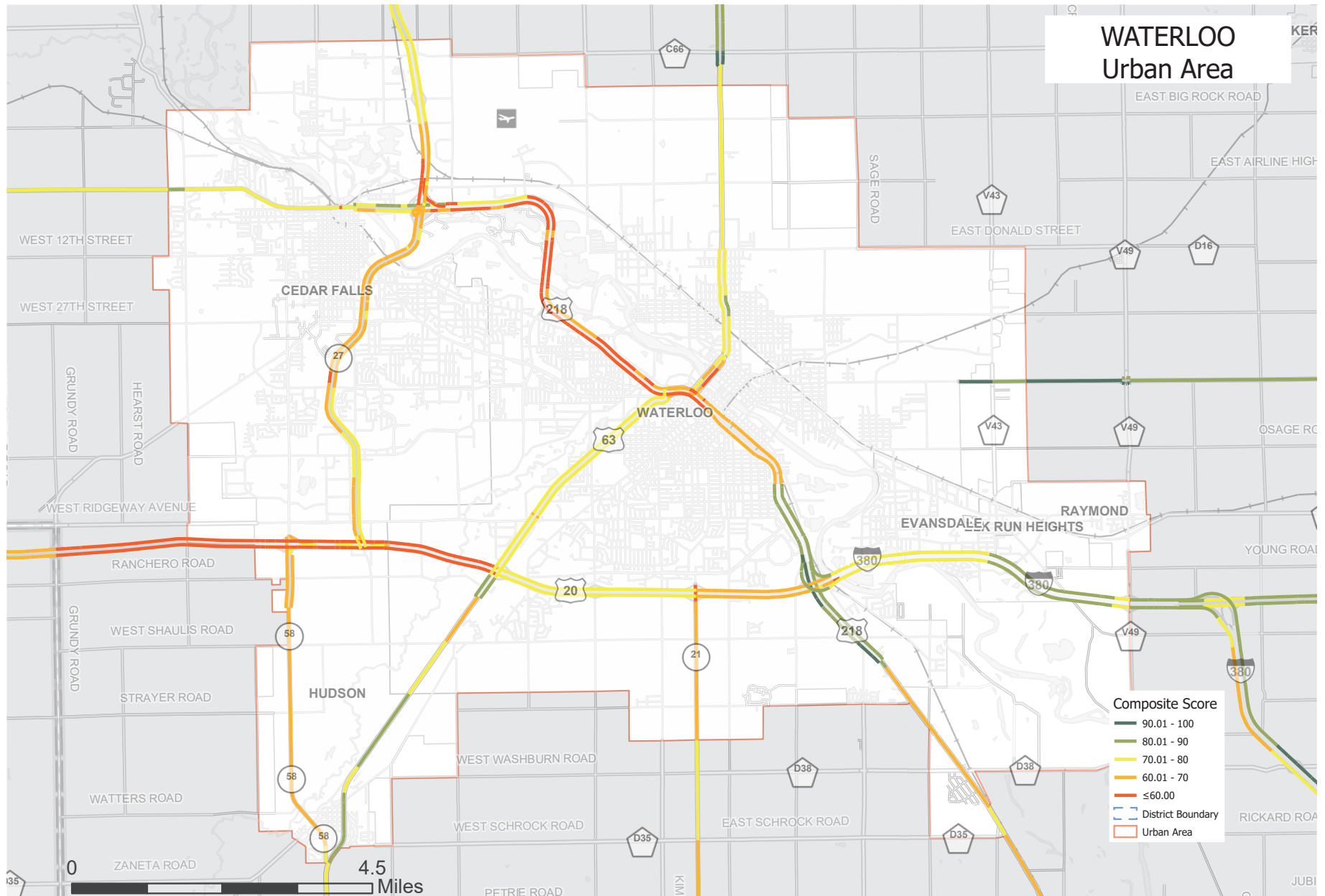


Figure 1.22: Urban Area Map - Iowa City

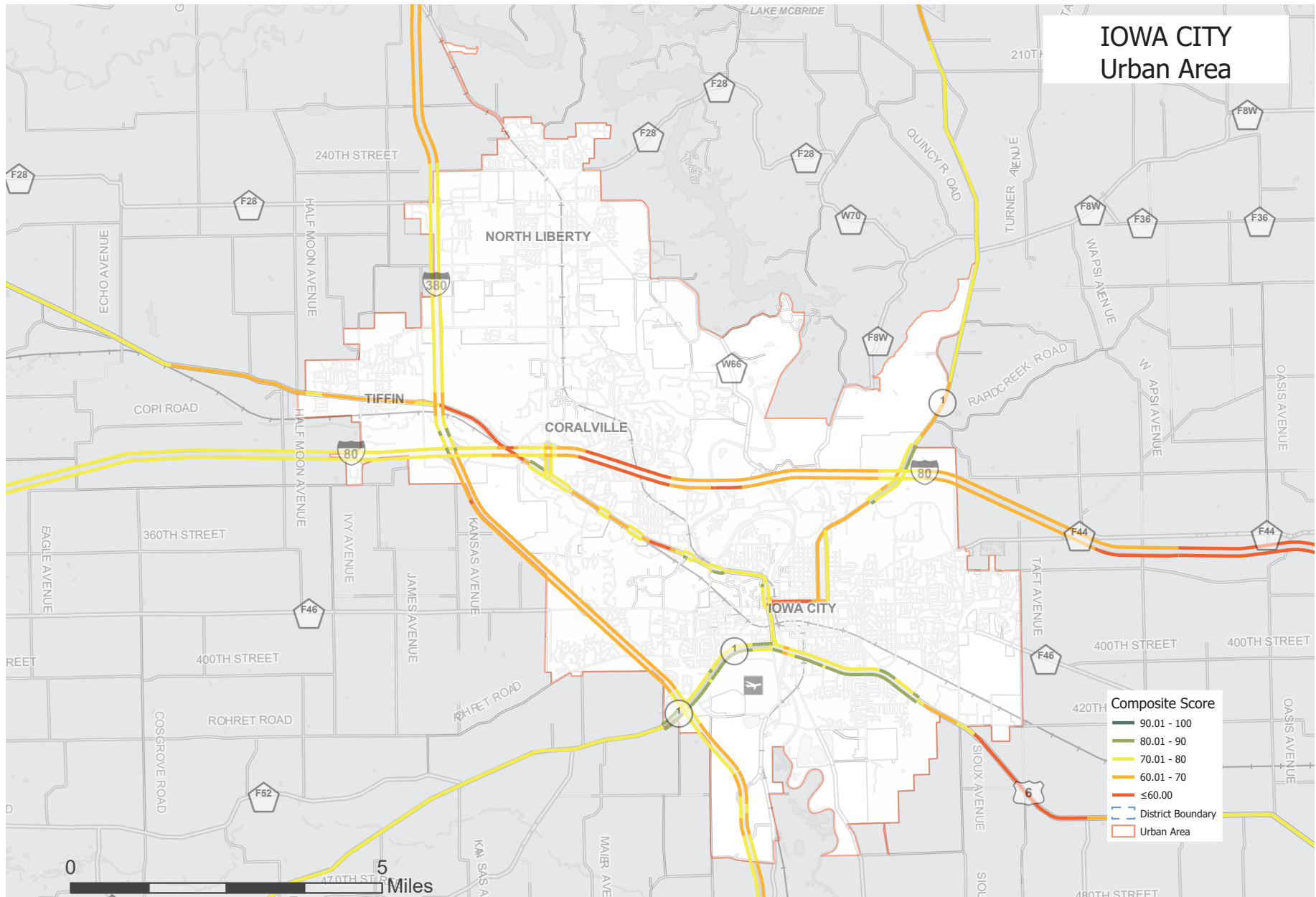


Figure 1.23: Urban Area Map - Sioux City

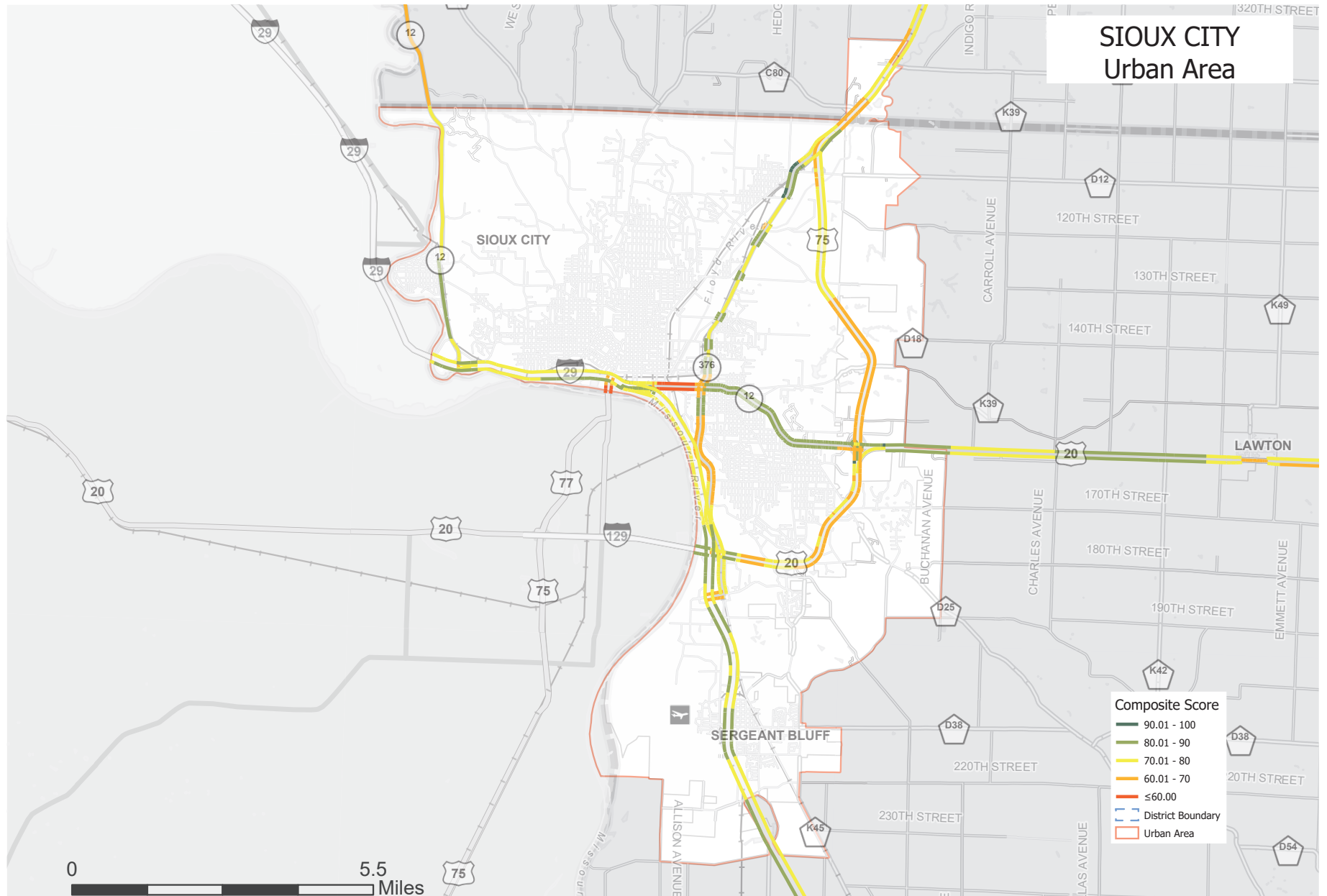


Figure 1.24: Urban Area Map - Council Bluffs

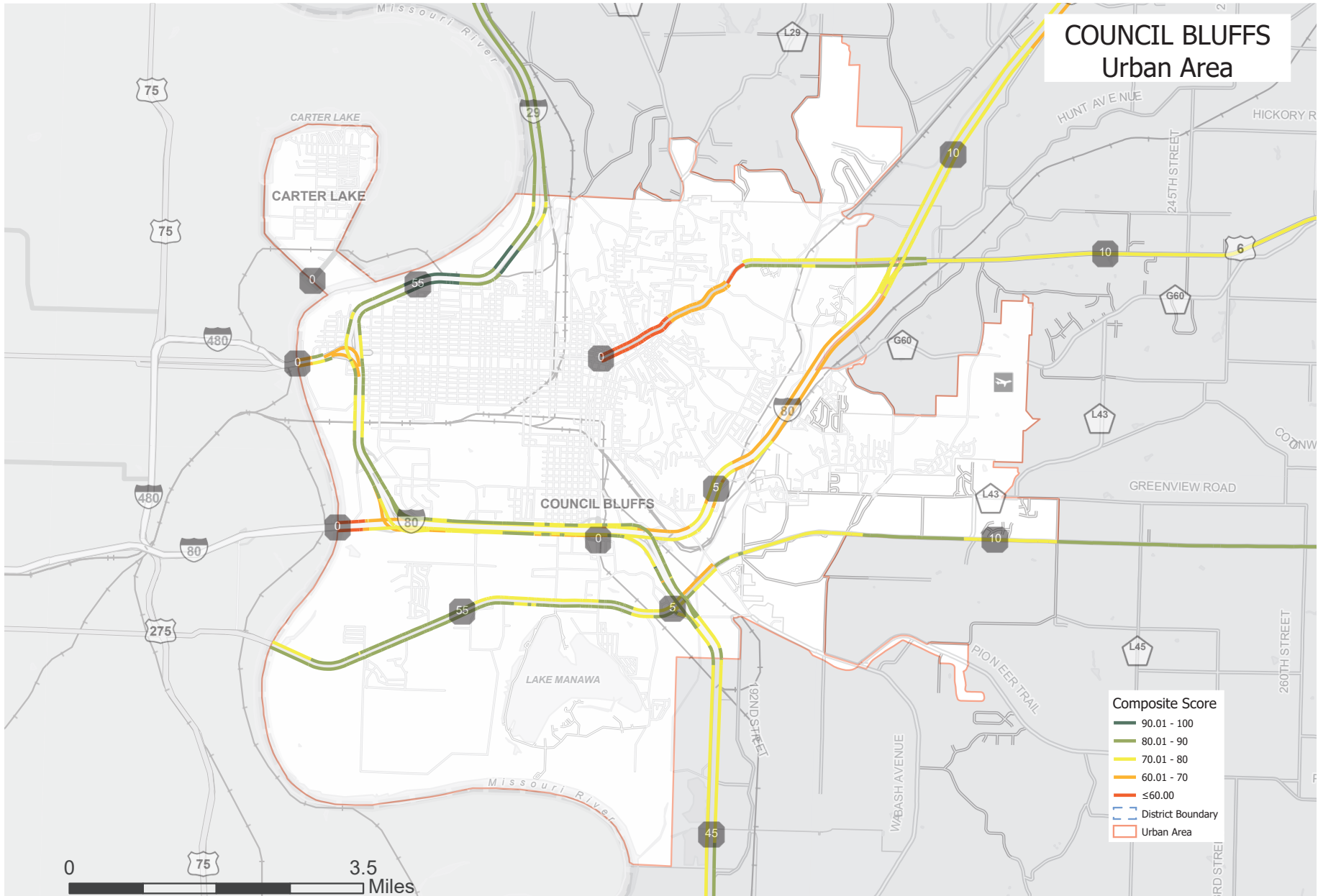


Figure 1.25: Urban Area Map - Dubuque

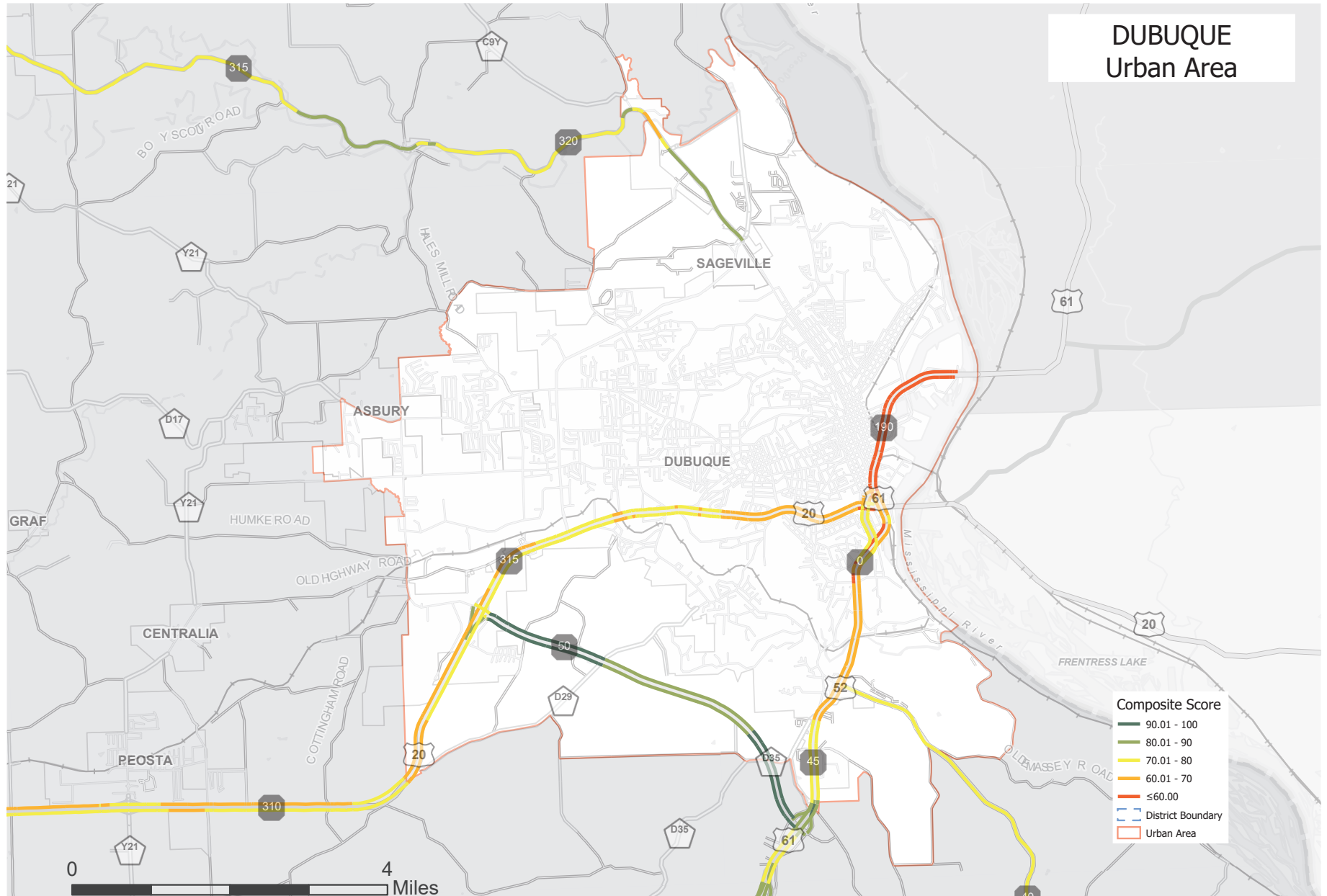


Figure 1.26: Urban Area Map - Ames

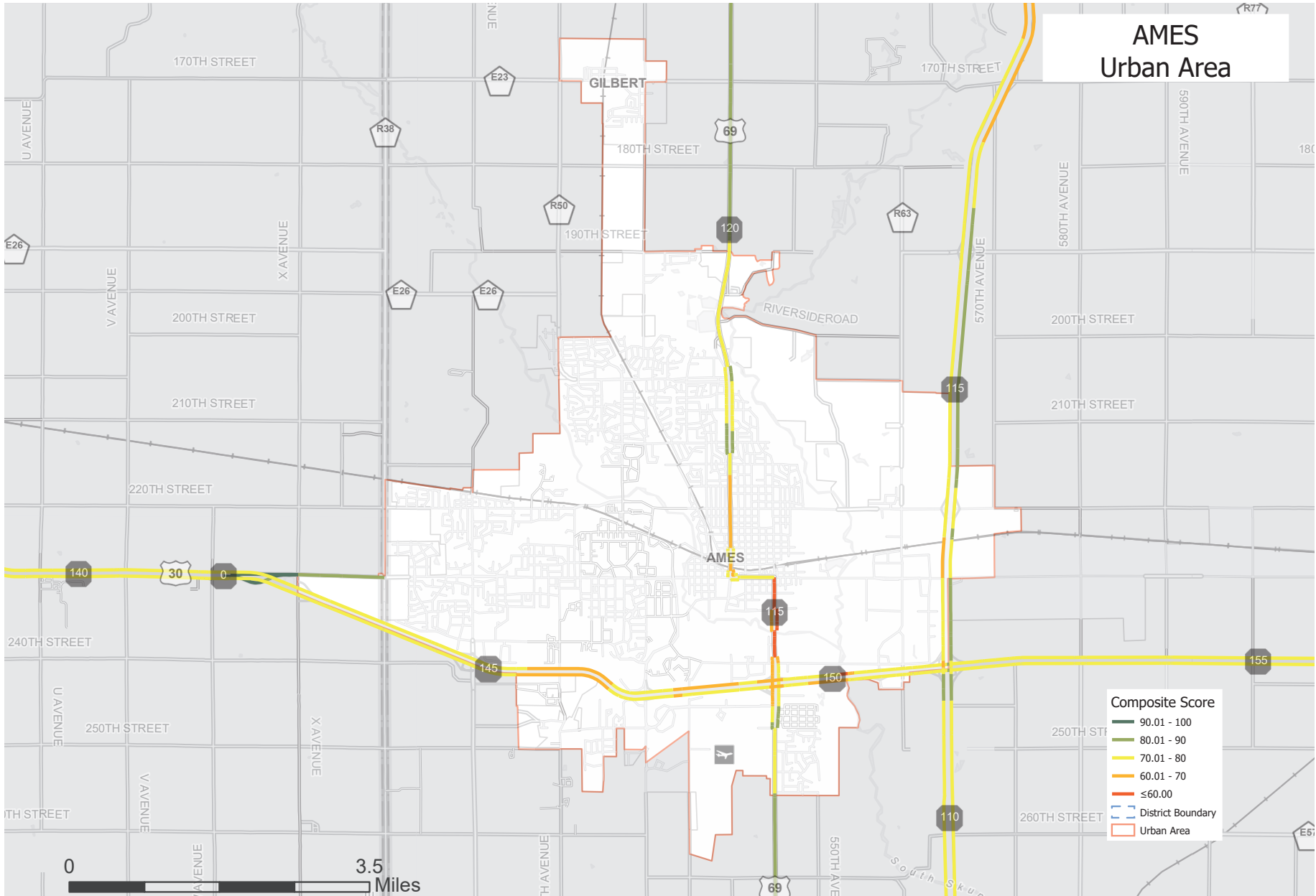


Figure 1.27: Urban Area Map - Clinton

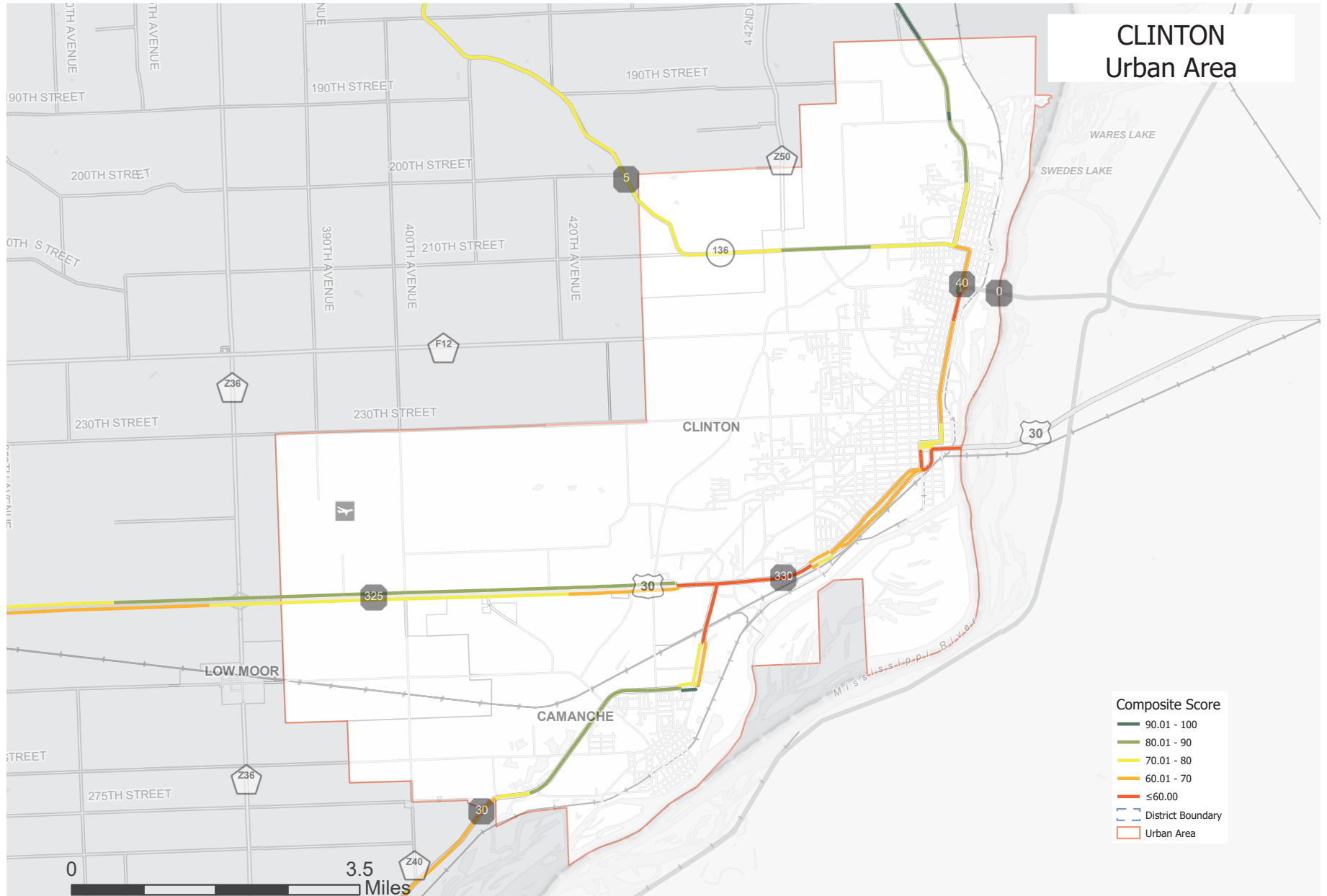


Figure 1.28: Urban Area Map - Burlington



Figure 1.29: Urban Area Map - Mason City

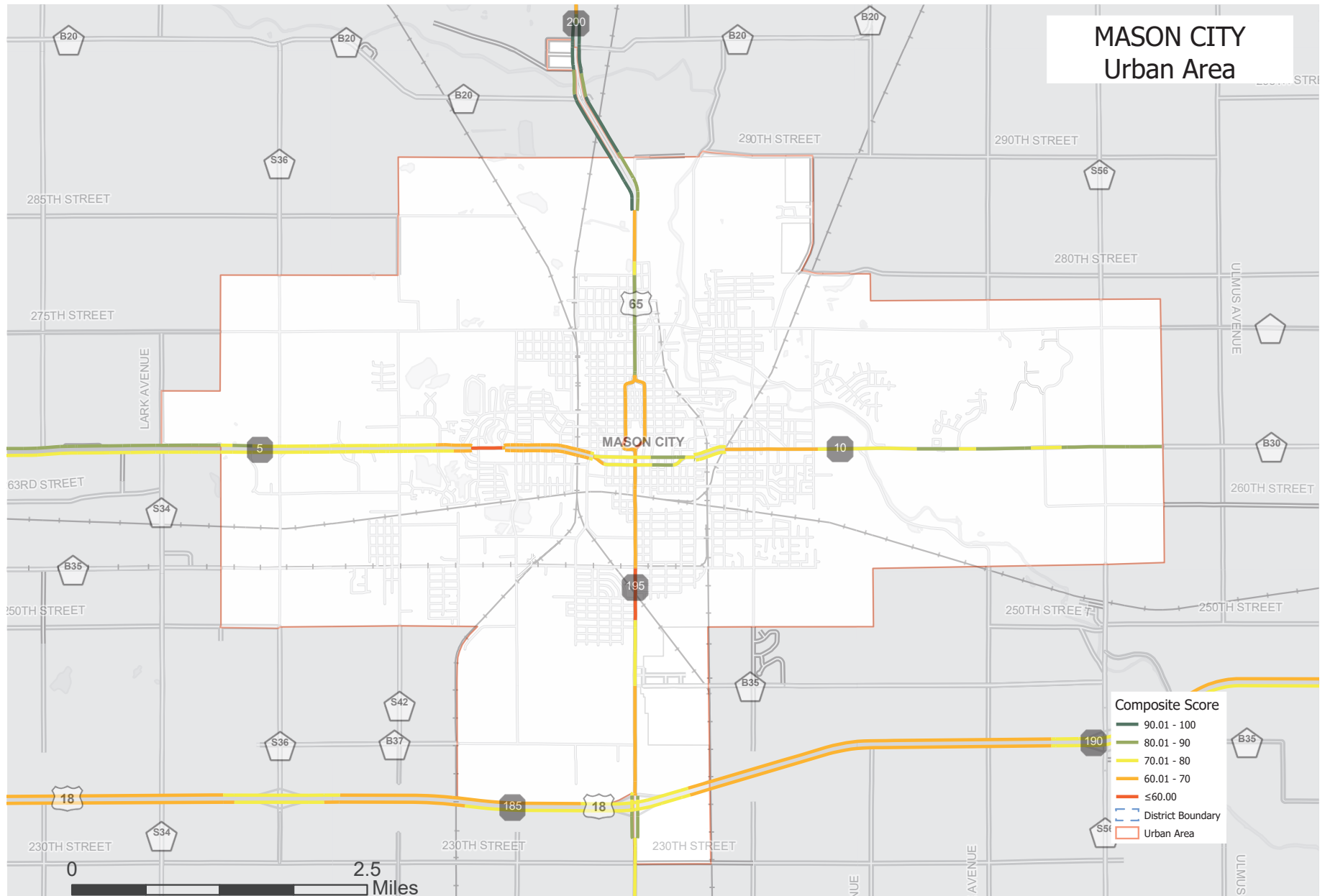
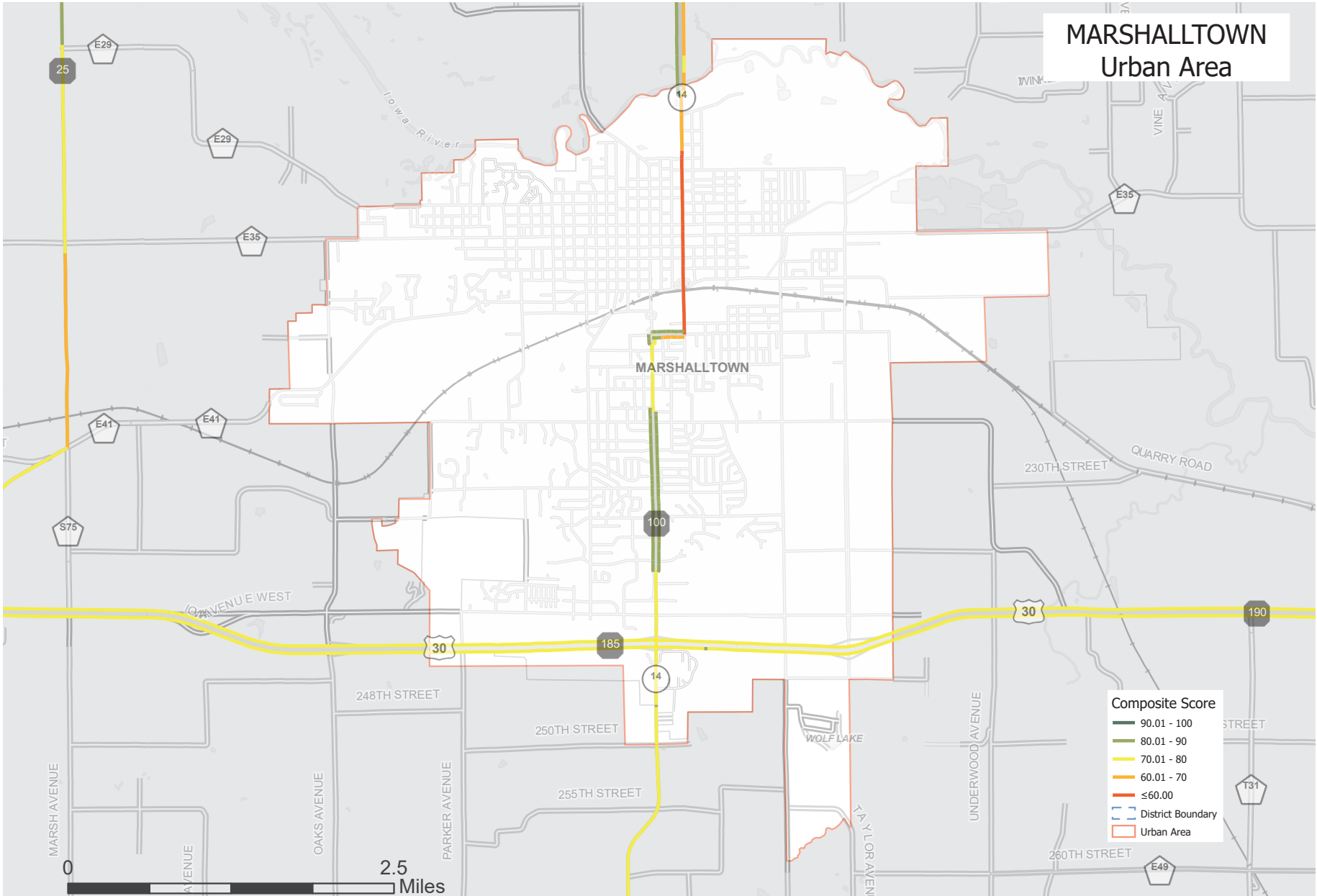


Figure 1.30: Urban Area Map - Marshalltown



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2. SYSTEM CONDITIONS & TRENDS





2.1 System condition summary

The overall distribution of segment-level ICE composite ratings in 2022 ranged from a low of 27 to 97, with the system-wide average at 76.12.

Area Type	Total Mileage	Avg. Score	Total INT	Avg. INT Score	Total DIV	Avg. DIV Score	Total NDIV	Avg. NDIV Score
Urban (within UAB, within CL*)	1247.6	71.9	295.7	73.7	613.8	72.9	338.2	68.8
Sub-Urban (within UAB, outside CL)	439.5	74.6	56.5	68.9	264.2	75.9	118.8	74.6
Small City (outside UAB, within CL)	606.1	75.3	32.1	75.7	116.9	77.4	457.1	74.7
Rural (outside UAB, outside CL)	8909.1	76.8	1190.2	76.9	1989.2	76.1	5729.7	77.1

*UAB stands for urban area boundary; CL stands for city limit

This chapter offers a brief summary of Iowa’s highway system and examines some of the key trends that have affected the system and are projected to have future impacts. This information was evaluated using the ICE results from the five most recent analysis years and is meant to offer trend analysis on system performance for the entire Primary Highway System.

Table 2.1: Average Composite Scores for Interstate, Divided, and Non-Divided Highways by Area Type
System-wide ICE Rating

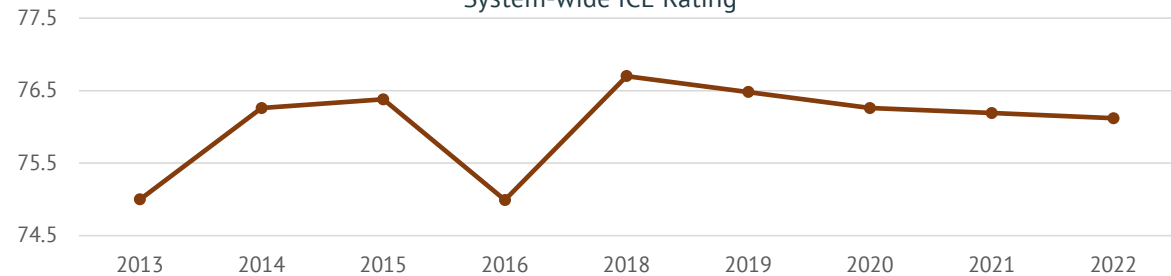
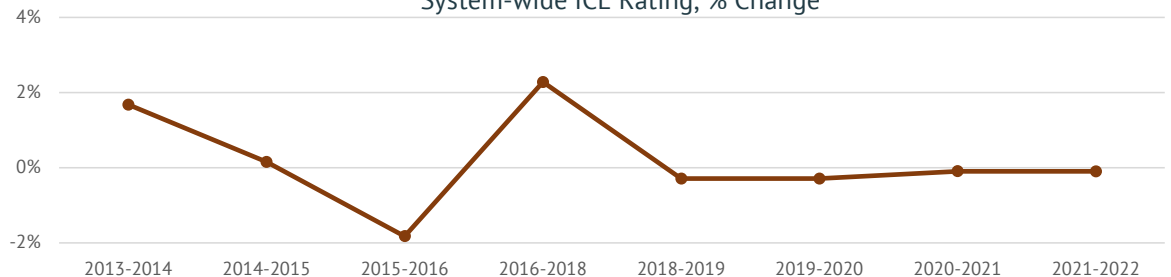


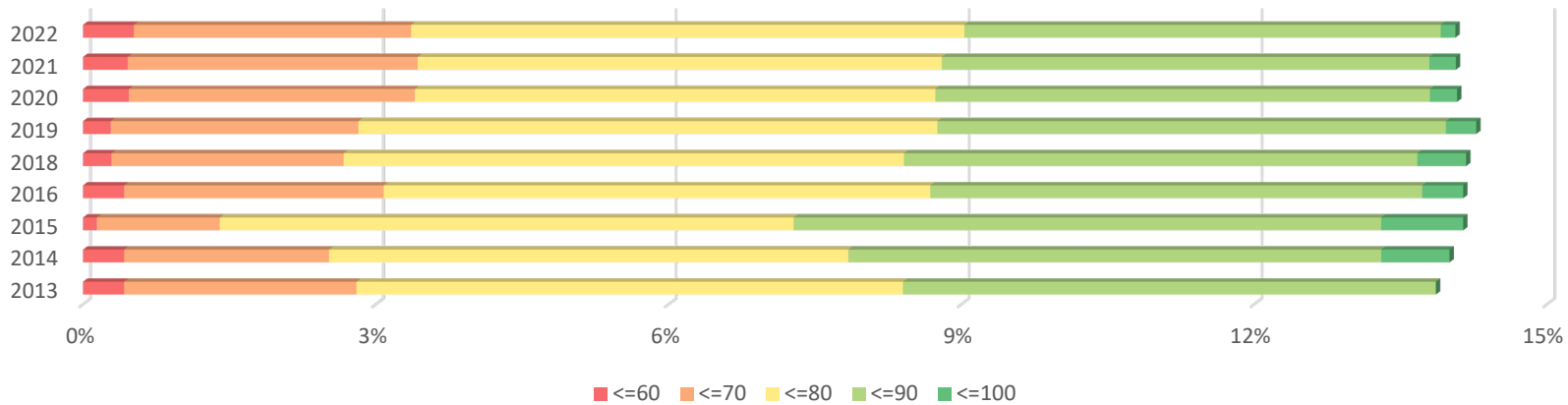
Figure 2.2: System-wide average ICE composite rating
System-wide ICE Rating, % Change



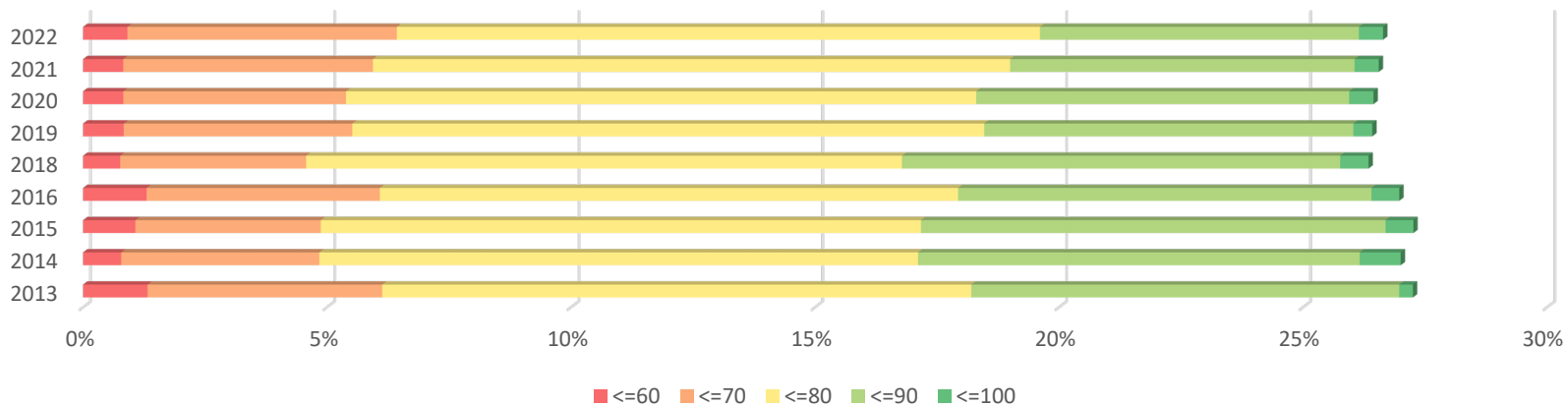
Condition by route type

Figure 2.3 shows the distribution of the system by route type and the percentage of segmentation within each ICE composite rating cohort. The conditions of each route type are compared to each other to give some context on how each is performing. The system percentages by route type (Interstate, Divided, Non-Divided) have remained relatively similar since 2013.

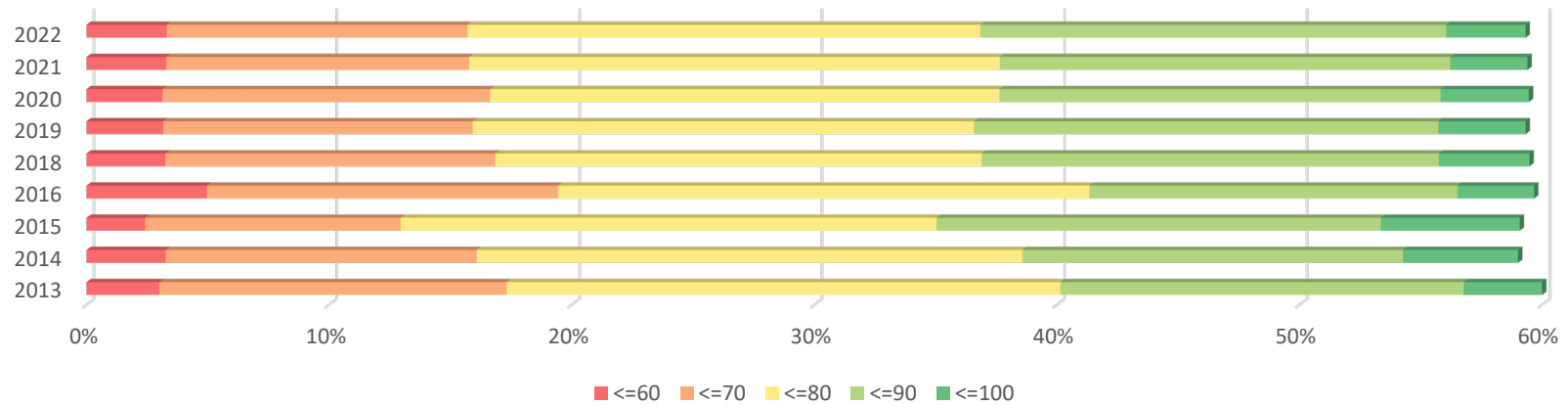
Figure 2.3: Segment Cohorts as a percentage of the Primary Network
 Composite Score of Interstate Segments
 as a Percentage of the Primary Network



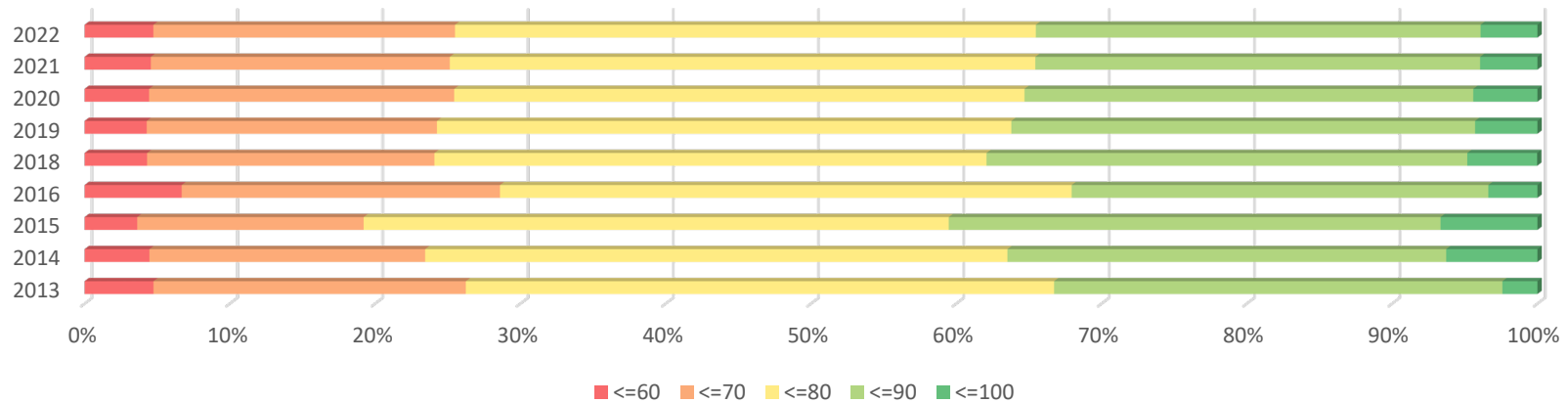
Composite Score of Divided Segments
 as a Percentage of the Primary Network



Composite Score of Non-Divided Segments as a Percentage of the Primary Network



Composite Score of All Segments as a Percentage of the Primary Network



Interstates

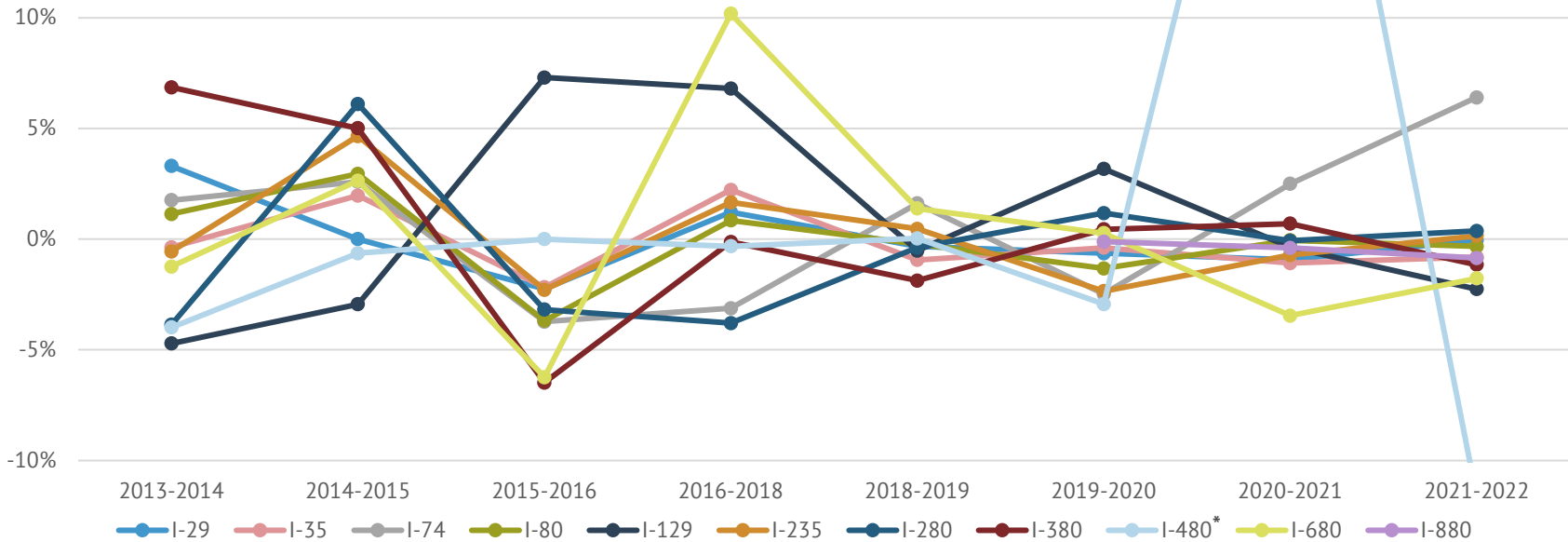
Table 2.4 shows the ICE composite ratings across the entire Interstate system, organized by route for 2013-2022.

Table 2.4: Interstate average ICE composite rating

Route	2013	2014	2015	2016	2018	2019	2020	2021	2022
I-29	81.7	84.4	84.4	82.5	83.5	83.23	82.7	81.9	81.9
I-35	81.5	81.2	82.8	81	82.8	82.02	81.7	80.8	80.2
I-74	79.6	81	83.1	80	77.5	78.75	76.8	78.7	83.8
I-80	70.5	71.3	73.4	70.7	71.3	71.14	70.2	70.2	69.9
I-129	78.5	74.8	72.6	77.9	83.2	82.77	85.4	85.1	83.2
I-235	71.3	70.9	74.2	72.5	73.7	74.04	72.3	71.8	71.9
I-280	80.1	77	81.7	79.1	76.1	75.81	76.7	76.6	76.9
I-380	72.9	77.9	81.8	76.5	76.4	74.97	75.3	75.8	75.0
I-480	65.2	62.6	62.2	62.2	62	62.02	60.2	78.9	69.8
I-680	80.6	79.6	81.7	76.6	84.4	85.57	85.8	82.8	81.4
I-880 ¹						88.3	88.2	87.8	87.1

¹ Interstate 880 was officially designated in 2019

Figure 2.5: Percent Change Over Previous Report Year, Composite Score, Interstates



* The anomalous percent change on I-480 can be attributed to a combination of new construction and a transfer of jurisdiction of certain road segments that occurred on 5/27/22



Condition by district

To compare the condition breakdown by district, Table 2.6 shows the average ICE rating for segments within each Iowa DOT district and Table 2.8 shows the lowest-rated corridor. District 3 holds the lowest average ICE composite rating with an average 74.8.

Table 2.6: District-wide Average ICE Rating

District	2013	2014	2015	2016	2018	2019	2020	2021	2022
District 1	73.5	76.2	75.9	75.6	76.6	77.5	77.4	77.0	76.7
District 2	74.8	76.6	75.6	75.5	76.1	77.0	76.1	76.5	75.9
District 3	74.2	76.0	76.1	74.0	76.9	75.9	74.6	75.2	74.8
District 4	75.4	78.0	77.9	77.0	78.3	78.5	78.3	77.3	77.8
District 5	75.2	76.9	76.9	75.4	75.9	75.9	76.5	76.2	76.6
District 6	71.8	73.9	73.1	72.7	74.3	74.4	75.2	74.9	75.0

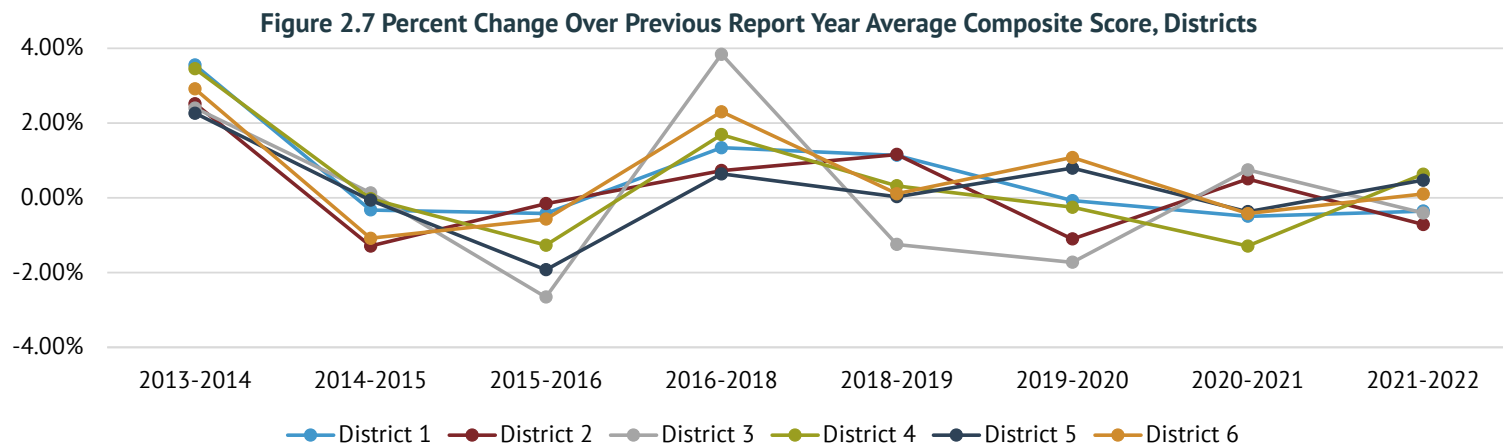


Table 2.8: Lowest Rated Corridor Per District

District	ICE Corridor	Avg. Composite Score
District 1	I 80: IA 28 to IA 415	54.23
District 2	US 218: I-380 terminus to IA 27	60.39
District 3	US 30: US 71 to US 169	59.06
District 4	US 6: NE border to I-29	65.33
District 5	US 6: IA 38 to I-80	59.83
District 6	IA 136: IL border to US 67	34.17

APPENDIX 1: ICE CORRIDORS





Table A.1 ICE corridors

Corridor Description	Counties	Centerline Mileage	Route Type	5 Year Change	2022 Composite	PCI	IRI	PASS	SU	COMBO	V/C	BCI
I 129: NE border to I-29	WOODBURY	0.29	INT	-0.1	83.17			8	9	9	8	5
I 235: IA 28 to US 69	POLK	5.54	INT	-1.9	70.22	9	6	1	1	8	3	8
I 235: US 69 to E mixmaster	POLK	4.77	INT	-1.2	71.54	9	5	1	2	9	4	8
I 235: W mixmaster to IA 28	POLK	4.28	INT	-2.5	74.43	9	7	1	3	8	2	7
I 280: IL border to US 61/IA 146	SCOTT	3.22	INT	2.9	74.23	8	6	8	6	6	7	7
I 280: US 61/IA 146 to I-80	SCOTT	6.64	INT	-0.2	77.98	9	6	8	6	6	7	8
I 29: I-480 to I-680; I-680 to I-880; I-880 to US	POTTAWATTAMIE	14.35	INT	-1.2	81.91	9	7	8	7	8	8	8
I 29: I-480/US 6 to Council Bluffs N CL	POTTAWATTAMIE	3.01	INT	3.6	86.15	9	6	8	8	9	8	8
I 29: I-80 to I-480/US 6	POTTAWATTAMIE	6.24	INT	-2.2	78.66	9	6	6	7	7	7	8
I 29: IA 175 to US 20/I-129	HARRISON, MONONA, POTTAWATTAMIE, WOODBURY	36.52	INT	-4.7	81.95	8	6	8	7	8	8	9
I 29: IA 2 to US 34	FREMONT, MILLS	25.79	INT	-2.9	83.15	8	7	9	9	8	9	9
I 29: MO border to IA 2	FREMONT	9.96	INT	-1.9	79.33	8	7	9	9	7	8	8
I 29: US 20/I-129 to SD border	WOODBURY	7.3	INT	0.2	77.91	9	6	6	4	8	7	9
I 29: US 30 to IA 175	HARRISON, MONONA	36.53	INT	0.6	82.56	9	7	9	8	8	8	7
I 29: US 34 to I-80	MILLS, POTTAWATTAMIE	13.98	INT	-1.3	80.56	8	7	7	8	7	8	9
I 35: I-80/I-235 to IA 160	POLK	4.02	INT	4.0	73.54	10	8	2	2	6	4	9
I 35: IA 160 to US 30	POLK, STORY	20.9	INT	-2.5	71.62	9	7	4	2	6	4	8
I 35: IA 3 to US 18	CERRO GORDO, FRANKLIN	27.98	INT	-5.1	81.33	9	7	8	8	7	8	8
I 35: IA 5 to I-80/I-235	POLK	5.04	INT	-2.0	72.69	9	6	2	2	7	5	9
I 35: IA 92 to IA 5	POLK, WARREN	11.64	INT	-2.5	79.97	9	6	7	6	7	7	8
I 35: MO border to US 34	CLARKE, DECATUR	33.18	INT	-1.2	85.49	9	7	9	8	7	8	8
I 35: US 18 to MN border	CERRO GORDO, WORTH	24.66	INT	-1.6	81.41	9	8	8	8	6	8	8
I 35: US 20 to IA 3	FRANKLIN, HAMILTON, WRIGHT	23.47	INT	-3.0	82.98	9	8	9	8	7	8	8
I 35: US 30 to US 20	HAMILTON, STORY	30.71	INT	-3.9	77.98	9	7	7	6	7	7	7
I 35: US 34 to IA 92	CLARKE, WARREN	23.59	INT	-2.0	80.3	9	6	8	7	7	8	8
I 380: I-80 to US 30	JOHNSON, LINN	16.26	INT	0.4	71.1	9	7	3	3	5	4	8
I 380: IA 100 to IA 150	BENTON, LINN	19.64	INT	0.1	80.55	9	7	7	7	7	7	9
I 380: IA 150 to US 20	BENTON, BLACK HAWK, BUCHANAN	22.24	INT	-3.2	72.99	7	4	8	8	8	8	8
I 380: US 20 to end of route	BLACK HAWK	7.2	INT	-2.3	80.98	9	7	7	6	8	7	8
I 380: US 30 to IA 100	LINN	7.97	INT	-3.3	68.73	8	6	2	3	7	5	7
I 680: NE border to I-29	POTTAWATTAMIE	3.35	INT	-4.0	81.36	8	5	8	10	9	8	6
I 74: IL border to I-880	SCOTT	5.43	INT	6.3	83.76	10	7	5	7	9	6	8
I 80: E mixmaster to IA 14	JASPER, POLK	26.62	INT	-2.9	68.23	9	6	5	4	4	5	7
I 80: I-280 to I-74	SCOTT	9.14	INT	-3.8	71.9	9	7	6	4	3	5	7
I 80: I-29 to US 6	POTTAWATTAMIE	3.78	INT	2.3	69.7	9	5	7	7	5	6	7
I 80: I-380 to IA 1	JOHNSON	7.09	INT	-1.2	65.19	9	6	4	4	1	5	8
I 80: I-74 to IL border	SCOTT	8.93	INT	-4.1	70.17	8	6	7	6	5	6	7
I 80: IA 1 to US 6	CEDAR, JOHNSON	25.45	INT	-1.0	66.63	9	6	6	4	1	5	7
I 80: IA 14 to US 63	JASPER, POWESHIEK	27.6	INT	-1.0	71.67	9	7	7	5	4	6	7

APPENDIX 1: ICE CORRIDORS

Corridor Description	Counties	Centerline Mileage	Route Type	5 Year Change	2022 Composite	PCI	IRI	PASS	SU	COMBO	V/C	BCI
I 80: IA 141 to IA 28	POLK	4.42	INT	-1.5	59.94	9	6	1	1	1	4	7
I 80: IA 28 to IA 415	POLK	4.03	INT	-3.0	54.23	8	5	1	1	1	2	8
I 80: IA 415 to E mixmaster	POLK	2.14	INT	-5.4	55.9	8	5	1	1	2	3	9
I 80: NE border to E jct I-29	POTTAWATTAMIE	4.28	INT	9.8	71.75	8	5	6	6	5	7	9
I 80: US 151 to I-380	IOWA, JOHNSON	14.34	INT	-2.4	75.15	9	7	7	6	4	5	6
I 80: US 169 to W mixmaster	DALLAS, POLK	12.71	INT	1.4	68.08	8	6	5	7	4	5	7
I 80: US 59 to US 6/US 71	CASS, POTTAWATTAMIE	20.92	INT	-1.6	71.02	8	5	8	7	4	7	7
I 80: US 6 to I-280	CEDAR, SCOTT	18.21	INT	-1.6	66.33	9	6	7	5	1	5	7
I 80: US 6 to IA 141	POLK	1.96	INT	-3.8	59.87	9	6	1	1	2	2	7
I 80: US 6 to US 59	POTTAWATTAMIE	31.76	INT	-2.0	71.25	8	6	8	7	4	7	8
I 80: US 6/US 71 to US 169	ADAIR, CASS, DALLAS,	48.93	INT	0.2	72.72	8	6	8	8	4	7	8
I 80: US 63 to US 151	IOWA, POWESHIEK	32.83	INT	-2.9	72.17	9	5	7	6	4	6	7
I 80: W mixmaster to US 6	POLK	2.41	INT	-3.6	63.85	7	5	4	3	5	4	7
I 880: I-29 to I-80	POTTAWATTAMIE	17.1	INT	2.8	87.1	10	7	10	9	9	10	7
IA 1: I-80 to US 30	JOHNSON, LINN	17.46	NDIV	-4.3	71.57	8	6	1	2	6	7	8
IA 1: IA 2 to US 34	JEFFERSON, VAN BUREN	22.93	NDIV	-4.5	76.81	8	4	7	7	8	9	6
IA 1: IA 92 to Iowa City S CL	JOHNSON, WASHINGTON	28	NDIV	2.2	78.46	9	8	3	3	6	8	8
IA 1: Iowa City S CL to US 6	JOHNSON	2.31	DIV	0.3	80.91	9	6	3	5	9	7	8
IA 1: US 30 to US 151	JONES, LINN	12.35	NDIV	-1.0	78.5	8	6	4	6	7	9	9
IA 1: US 34 to IA 92	JEFFERSON, KEOKUK, WASHINGTON	31.8	NDIV	0.8	77.95	8	5	7	7	8	10	8
IA 1: US 6 to I-80	JOHNSON	3.64	NDIV	-2.2	69.02	6	2	2	6	10	7	7
IA 10: IA 60 to US 71	CLAY, O'BRIEN, SIOUX	40.42	NDIV	-0.3	85.71	9	7	9	8	8	10	8
IA 10: NE border to IA 60	SIOUX	29.9	NDIV	13.0	77.25	8	6	7	7	6	9	9
IA 10: US 71 to IA 4	BUENA VISTA, POCAHONTAS	24.4	NDIV	-7.1	68.02	5	2	9	8	8	10	8
IA 100: I-380 to US 151	LINN	6.77	DIV	-2.0	76.94	8	5	2	6	10	7	9
IA 100: US 30 to I-380	LINN	9.37	DIV	4.6	92.39	10	7	7	9	10	9	9
IA 110: US 20 to IA 7	BUENA VISTA, SAC	14.77	NDIV	-4.9	72.57	5	2	8	8	9	10	9
IA 116: US 218 to IA 3	BREMER	2.77	DIV	1.2	74.53	7	2	5	7	10	8	10
IA 117: I-80 to US 65	JASPER	10.76	NDIV	-2.9	86.93	9	7	8	9	8	10	9
IA 117: IA 163 to I-80	JASPER	8.33	NDIV	8.7	82.63	8	5	7	8	8	10	9
IA 12: I-29 to Sioux City N CL	WOODBURY	5.28	NDIV	2.2	75.7	7	5	5	8	7	9	7
IA 12: Sioux City N CL to IA 10	PLYMOUTH, SIOUX,	29.02	NDIV	0.3	72.93	6	4	9	8	7	10	9
IA 12: US 20/US 75 to I-29	WOODBURY	5.12	DIV	6.1	79.74	9	5	4	8	10	7	3
IA 122: I-35 to Mason City W CL	CERRO GORDO	4.59	DIV	-0.8	77.72	7	5	5	8	8	8	7
IA 122: Mason City W CL to Mason City E CL	CERRO GORDO	7.77	NDIV	-3.4	74.5	7	3	3	8	10	8	8
IA 127: I-29 to US 30	HARRISON	15.97	NDIV	-5.0	78.58	7	4	9	9	10	10	9
IA 128: IA 13 to US 52	CLAYTON	6.98	NDIV	0.6	74.46	6	3	9	7	8	10	9
IA 13: E16 to US 20	DELAWARE, LINN	19.53	NDIV	-8.9	64.23	7	5	3	4	3	8	8
IA 13: IA 3 to US 52	CLAYTON	26.26	NDIV	0.5	75.01	8	5	7	7	5	9	8
IA 13: US 151 to E16	LINN	12.28	DIV	-0.8	85.56	9	6	7	6	8	9	8
IA 13: US 20 to IA 3	DELAWARE	13.72	NDIV	1.0	66.39	5	2	5	7	8	9	8



Corridor Description	Counties	Centerline Mileage	Route Type	5 Year Change	2022 Composite	PCI	IRI	PASS	SU	COMBO	V/C	BCI
IA 130: IA 38 to I-80	CEDAR, SCOTT	32	NDIV	-3.2	86.73	9	6	8	7	9	10	9
IA 136: IL border to US 67	CLINTON	0.47	NDIV	-15.0	34.17	1	1	1	1	7	6	4
IA 136: US 151 to US 20	DUBUQUE	14.12	NDIV	16.3	84.62	9	7	8	6	7	10	9
IA 136: US 61 to US 151	CLINTON, DUBUQUE, JONES	42.09	NDIV	1.0	79.26	8	4	9	9	9	10	8
IA 136: US 67 to US 61	CLINTON	29.32	NDIV	-1.4	78.08	6	3	9	9	10	10	9
IA 137: IA 5 to US 63	MONROE, WAPELLO	14.67	NDIV	-4.1	63.71	5	3	7	6	5	9	8
IA 139: IA 9 to MN border	WINNESHIEK	11.43	NDIV	-6.0	72.25	6	2	8	8	9	10	8
IA 14: IA 163 to I-80	JASPER	12.5	NDIV	-4.7	62.28	6	1	5	6	5	9	8
IA 14: IA 2 to US 34	LUCAS, WAYNE	17.34	NDIV	-4.6	86.67	9	8	7	8	8	10	9
IA 14: IA 3 to US 18	BUTLER, FLOYD	28.82	NDIV	-1.4	84.73	9	7	8	8	9	10	8
IA 14: IA 5 to IA 163	JASPER, MARION	14.48	NDIV	0.4	67.89	7	4	5	5	6	9	5
IA 14: US 20 to IA 3	BUTLER, GRUNDY	20.41	NDIV	-5.3	80.77	7	6	8	8	9	10	9
IA 14: US 30 to US 20	GRUNDY, MARSHALL	38.95	NDIV	5.0	75.81	9	6	5	6	6	9	7
IA 14: US 34 to IA 5	LUCAS, MARION	25.24	NDIV	6.3	75.53	8	5	7	6	6	9	8
IA 14: US 6 to US 30	JASPER, MARSHALL	28.42	NDIV	-2.6	80.01	8	6	7	8	7	10	9
IA 140: US 20 to IA 3	PLYMOUTH, WOODBURY	25.32	NDIV	-5.9	79.39	8	6	9	8	9	10	7
IA 141: I-29 to US 59	CRAWFORD, MONONA, WOODBURY	52.86	NDIV	-1.1	75.84	7	5	8	8	8	10	8
IA 141: IA 144 to US 169	DALLAS	4.42	DIV	-2.6	70.81	6	1	7	7	9	9	9
IA 141: IA 4 to IA 144	DALLAS, GUTHRIE	13.36	NDIV	-3.8	77.75	8	7	6	4	6	9	8
IA 141: US 169 to I-35/80	DALLAS, POLK	22.38	DIV	-4.5	72.18	6	3	5	6	9	8	9
IA 141: US 59 to US 71	CARROLL, CRAWFORD	20.96	NDIV	11.6	80.55	9	6	8	7	6	10	9
IA 141: US 71 to IA 4	CARROLL, GUTHRIE	24.76	NDIV	-2.5	83.02	9	6	8	8	6	10	10
IA 143: IA 3 to IA 10	CHEROKEE, O'BRIEN	12.05	NDIV	-5.3	72.4	7	4	9	9	5	10	7
IA 144: IA 141 to US 30	BOONE, DALLAS, GREENE	18.02	NDIV	3.9	90.26	10	8	8	6	9	10	8
IA 144: US 30 to IA 175	GREENE, WEBSTER	16.02	NDIV	0.5	80.54	8	5	10	9	8	10	8
IA 146: I-80 to US 30	MARSHALL, POWESHIEK, TAMA	24.66	NDIV	-0.1	85.85	9	7	7	8	8	10	9
IA 146: US 63 to I-80	MAHASKA, POWESHIEK	18.5	NDIV	-3.2	87.79	10	8	8	7	8	10	7
IA 148: MO border to US 34	ADAMS, TAYLOR	29.94	NDIV	-4.6	73.57	6	4	9	8	8	10	8
IA 148: US 34 to I-80	ADAMS, CASS	36.89	NDIV	-3.5	82.93	8	5	9	8	9	10	9
IA 149: IA 92 to I-80	IOWA, KEOKUK	27.7	NDIV	7.5	81.93	8	5	8	8	9	10	8
IA 149: US 34 to US 63	WAPELLO	5.52	DIV	7.6	84.01	9	5	6	8	10	9	6
IA 149: US 63 to IA 92	KEOKUK, WAPELLO	27.32	NDIV	-0.8	75.39	7	5	7	7	7	10	8
IA 15: IA 3 to US 18	HUMBOLDT, KOSSUTH, POCAHONTAS	29.41	NDIV	-6.8	70.36	6	2	9	9	7	10	8
IA 15: US 18 to MN border	EMMET, KOSSUTH	33.06	NDIV	-5.0	78.34	8	4	10	9	8	10	8
IA 150: I-380 to US 20	BENTON, BUCHANAN	14.03	NDIV	14.2	74.56	10	8	5	1	2	9	8
IA 150: IA 3 to US 18	FAYETTE	22.68	NDIV	-0.5	67.98	6	3	7	6	8	9	8
IA 150: US 18 to US 52	FAYETTE, WINNESHIEK	16.21	NDIV	6.6	79.92	9	6	8	2	7	10	8
IA 150: US 20 to IA 3	BUCHANAN, FAYETTE	16.46	NDIV	2.6	68.34	7	4	4	5	6	9	8
IA 150: US 218 to I-380	BENTON	13.09	NDIV	15.7	80.5	10	6	5	6	9	9	7
IA 16: US 218 to US 34	DAVIS, LEE, VAN BUREN, WAPELLO	43.56	NDIV	-3.5	81.55	8	5	9	8	8	10	8

APPENDIX 1: ICE CORRIDORS

Corridor Description	Counties	Centerline Mileage	Route Type	5 Year Change	2022 Composite	PCI	IRI	PASS	SU	COMBO	V/C	BCI
IA 16: US 61 to US 218	LEE	19.72	NDIV	-1.4	84.98	8	6	9	8	9	10	9
IA 160: IA 415 to I-35	POLK	2.45	DIV	1.1	68.82	7	3	2	4	9	7	8
IA 163: IA 14 to US 63	JASPER, MAHASKA, MARION	31.67	DIV	-1.2	76.15	8	5	7	7	5	9	9
IA 163: US 65 to IA 14	JASPER, POLK	24.25	DIV	-3.4	72.32	7	5	6	5	6	8	8
IA 163: US 69 to US 65	POLK	5.33	DIV	-3.4	62.67	5	2	2	3	9	7	5
IA 17: IA 141 to US 30	BOONE, POLK	20.15	NDIV	0.8	80.24	9	8	3	4	7	8	8
IA 17: IA 3 to US 18	HANCOCK, WRIGHT	25.22	NDIV	-0.3	74.81	7	4	9	8	5	10	9
IA 17: US 20 to IA 3	HAMILTON, WRIGHT	20.76	NDIV	-3.1	73.01	8	6	7	7	3	9	7
IA 17: US 30 to US 20	BOONE, HAMILTON	30.45	NDIV	1.3	81.13	8	6	7	7	7	10	9
IA 173: IA 83 to IA 44	AUDUBON, CASS, SHELBY	14.68	NDIV	8.0	83.82	8	5	8	8	9	10	9
IA 175: I-35 to IA 14	GRUNDY, HAMILTON, HARDIN	31.81	NDIV	5.0	83.94	9	7	8	7	8	10	9
IA 175: IA 14 to US 63	BLACK HAWK, GRUNDY	16.5	NDIV	2.6	90.73	10	8	8	7	9	10	8
IA 175: NE border to US 59	IDA, MONONA, WOODBURY	49.81	NDIV	-2.7	73.24	7	4	8	7	8	10	8
IA 175: US 169 to I-35	HAMILTON, WEBSTER	30	NDIV	-4.5	87.02	8	6	9	9	9	10	8
IA 175: US 59 to US 71	IDA, SAC	25.26	NDIV	-2.7	70.94	6	4	8	8	6	10	8
IA 175: US 71 to US 169	CALHOUN, SAC, WEBSTER	26.98	NDIV	4.4	79.83	8	6	8	8	7	10	9
IA 182: US 18 to IA 9	LYON	9.05	NDIV	-6.8	75.74	8	7	7	7	6	9	8
IA 183: IA 127 to IA 141	HARRISON, MONONA	29.47	NDIV	-0.1	79.52	7	3	10	9	10	10	9
IA 187: IA 3 to IA 150	FAYETTE	12.84	NDIV	-4.2	86.72	8	6	9	9	9	10	10
IA 187: US 20 to IA 3	BUCHANAN, FAYETTE	15.56	NDIV	11.3	77.71	8	5	8	8	7	10	9
IA 188: IA 3 to US 218	BREMER, BUTLER	13.6	NDIV	-3.0	81.99	8	6	9	9	9	10	8
IA 188: US 218 to US 63	BREMER	10.65	NDIV	-1.1	72.6	6	2	9	9	9	10	8
IA 191: I-880 to IA 37	HARRISON, POTTAWATTAMIE, SHELBY	22.8	NDIV	-1.9	73.56	6	2	9	9	8	10	9
IA 2: I-29 to US 59	FREMONT	20.14	NDIV	-4.1	72.16	7	3	8	8	8	10	7
IA 2: I-35 to US 65	DECATUR, WAYNE	17.7	NDIV	6.8	88.79	9	8	9	8	8	10	8
IA 2: IA 5 to US 63	APPANOOSE, DAVIS	19.74	NDIV	-4.2	73.42	7	5	7	7	7	10	8
IA 2: NE border to I-29	FREMONT	3.13	DIV	1.3	74.06	9	5	8	7	4	9	8
IA 2: US 169 to I-35	DECATUR, RINGGOLD	20.48	NDIV	-3.9	81	8	6	9	7	8	10	9
IA 2: US 218 to US 61	LEE	8.9	NDIV	16.5	82.46	10	7	6	7	6	9	8
IA 2: US 59 to US 71	FREMONT, PAGE	18.84	NDIV	-2.4	86	9	8	6	7	8	9	8
IA 2: US 63 to US 218	DAVIS, LEE, VAN BUREN	50.91	NDIV	1.2	80.44	8	5	9	8	8	10	8
IA 2: US 65 to IA 5	APPANOOSE, WAYNE	33.6	NDIV	5.0	85.74	9	7	8	7	7	10	9
IA 2: US 71 to US 169	MONROE, PAGE, RINGGOLD, TAYLOR	43.65	NDIV	-2.1	83.31	8	6	9	8	9	10	9
IA 202: MO border to IA 2	APPANOOSE, DAVIS	10.46	NDIV	-6.2	76.33	7	2	9	9	8	10	
IA 21: I-80 to US 30	BENTON, IOWA, POWESHIEK	19.41	NDIV	-4.3	75.32	7	4	8	8	8	10	8
IA 21: IA 78 to IA 92	KEOKUK	12.38	NDIV	22.6	91.12	10	8	10	9	9	10	8
IA 21: IA 92 to I-80	KEOKUK, POWESHIEK	24.85	NDIV	12.9	78.13	9	6	8	8	7	10	7
IA 21: US 30 to US 20	BENTON, BLACK HAWK, TAMA	33.86	NDIV	-1.8	73.71	7	5	8	7	7	9	8
IA 210: I-35 to US 65	STORY	14.37	NDIV	-5.6	85.91	8	7	8	8	10	10	9
IA 210: IA 141 to I-35	BOONE, DALLAS, STORY	20.33	NDIV	0.0	85.03	9	6	6	7	9	9	8
IA 212: IA 21 to US 6	IOWA	12.15	NDIV	-3.8	80.54	8	5	9	8	10	10	8



Corridor Description	Counties	Centerline Mileage	Route Type	5 Year Change	2022 Composite	PCI	IRI	PASS	SU	COMBO	V/C	BCI
IA 22: Buffalo E CL to US 61	SCOTT	3.26	DIV	-1.9	82.9	8	5	9	8	9	10	
IA 22: IA 1 to US 218	WASHINGTON	8.91	NDIV	8.9	67.65	7	3	5	5	6	9	9
IA 22: IA 21 to IA 1	KEOKUK, WASHINGTON	34.86	NDIV	3.7	82.79	8	6	8	8	8	10	8
IA 22: IA 38 to Buffalo E CL	MUSCATINE, SCOTT	19.84	NDIV	1.2	84.91	9	7	7	7	8	10	8
IA 22: IA 70 to US 61	MUSCATINE	9.37	NDIV	1.5	67.27	8	4	5	6	4	9	8
IA 22: IL border to US 61	MUSCATINE	2.37	NDIV	2.2	74.06	8	4	3	8	8	8	5
IA 22: US 218 to IA 70	JOHNSON, MUSCATINE, WASHINGTON	16.04	NDIV	-2.9	63.6	6	2	6	6	3	9	8
IA 220: US 6 to US 151	IOWA	7.23	NDIV	9.3	86.86	9	7	6	8	9	9	8
IA 224: I-80 to IA 14	JASPER	10.58	NDIV	2.9	95.04	10	8	9	9	10	10	10
IA 23: IA 149 to IA 92	KEOKUK, MAHASKA	16.02	NDIV	1.4	65.09	5	2	7	8	8	10	7
IA 24: US 63 to US 52	CHICKASAW, WINNESHIEK	27.49	NDIV	-2.4	77.5	8	6	6	7	7	9	9
IA 25: I-80 to US 30	ADAIR, GREENE, GUTHRIE	42.45	NDIV	-2.5	81.88	8	6	9	8	8	10	9
IA 25: IA 2 to US 34	RINGGOLD, UNION	18.42	NDIV	-2.5	71.65	5	2	9	8	9	10	9
IA 25: US 34 to I-80	ADAIR, UNION, WARREN	34.96	NDIV	-3.8	74.45	6	5	8	6	8	10	9
IA 26: IA 9 to MN border	ALLAMAKEE	11.31	NDIV	-1.0	85.53	9	5	8	9	10	10	9
IA 27: MO border to US 218	LEE	10.72	DIV	-3.0	71.57	8	5	9	8	3	9	9
IA 27: US 20 to US 218	BLACK HAWK	6.56	DIV	-1.3	69.39	6	3	4	8	8	8	9
IA 28: I-235 to US 6	POLK	1.47	NDIV	-4.0	70.92	7	3	2	4	9	6	
IA 28: IA 5 to I-235	POLK	5.86	DIV	-3.4	71	7	3	3	6	9	7	7
IA 28: IA 92 to Norwalk S CL	WARREN	7.27	NDIV	-1.5	69.78	6	2	6	5	9	9	9
IA 28: Norwalk S CL to IA 5	POLK, WARREN	4.03	DIV	-3.9	65.22	5	1	3	4	10	8	7
IA 28: US 6 to I-35/80	POLK	1.62	DIV	-1.2	71.02	7	3	2	5	10	6	
IA 281: Waterloo E CL to IA 150	BLACK HAWK, BUCHANAN	28.15	NDIV	-3.3	79.59	8	5	8	7	8	10	8
IA 3: I-35 to US 65	FRANKLIN	9.86	NDIV	-3.2	67.24	5	3	6	7	7	9	8
IA 3: IA 13 to IA 136	CLAYTON, DELAWARE, DUBUQUE	22.83	NDIV	-3.1	82.52	8	5	9	8	9	10	8
IA 3: IA 150 to IA 13	CLAYTON, FAYETTE	27.9	NDIV	-2.3	72.61	6	4	7	8	8	10	7
IA 3: IA 32 to IA 3/IA 136	DUBUQUE	22.6	NDIV	3.0	81.23	8	5	8	7	9	10	7
IA 3: NE border to US 75	PLYMOUTH	26.12	NDIV	-7.5	73.83	7	4	8	7	7	10	8
IA 3: US 169 to I-35	FRANKLIN, HUMBOLDT,	43.23	NDIV	-4.3	74.79	8	6	7	6	4	9	8
IA 3: US 218 to US 63	BREMER	10.79	NDIV	2.5	77.21	7	5	3	6	9	9	9
IA 3: US 59 to US 71	BUENA VISTA, CHEROKEE	21.25	NDIV	-2.5	73.56	8	6	8	8	3	10	7
IA 3: US 63 to IA 150	BREMER, FAYETTE	21.45	NDIV	-0.8	81.24	9	7	7	8	8	10	7
IA 3: US 65 to US 218	BREMER, BUTLER, FRANKLIN	35.1	NDIV	9.3	79.02	8	6	7	8	8	10	8
IA 3: US 71 to US 169	BUENA VISTA, HUMBOLDT, POCAHONTAS	47.68	NDIV	-2.3	69.3	7	6	8	6	3	10	8
IA 3: US 75 to US 59	CHEROKEE, PLYMOUTH	34.37	NDIV	-4.6	70.55	8	5	6	6	3	9	7
IA 31: IA 141 to US 20	WOODBURY	20.37	NDIV	6.2	84.66	9	6	9	8	8	10	8
IA 31: US 20 to US 59	CHEROKEE, IDA, WOODBURY	17.88	NDIV	3.3	82.58	9	6	9	7	8	10	8
IA 316: Runnels E CL to IA 5	MARION, POLK, WARREN	5.82	NDIV	19.7	89.09	10	8	9	9	10	10	7
IA 330: US 30 to IA 14	MARSHALL	12.77	NDIV	-1.8	78.34	9	6	7	7	7	9	7
IA 330: US 65 to US 30	JASPER, MARSHALL, STORY	20.42	DIV	-7.0	75.23	7	4	8	7	7	9	9

APPENDIX 1: ICE CORRIDORS

Corridor Description	Counties	Centerline Mileage	Route Type	5 Year Change	2022 Composite	PCI	IRI	PASS	SU	COMBO	V/C	BCI
IA 346: US 218 to US 63	CHICKASAW	12.36	NDIV	1.3	81.59	8	6	8	9	7	10	9
IA 37: US 30 to IA 175	CRAWFORD, HARRISON, MONONA	23.1	NDIV	5.4	85.03	8	7	9	9	9	10	8
IA 37: US 59 to US 30	HARRISON, SHELBY	16.88	NDIV	-4.2	76.21	7	2	10	9	10	10	8
IA 376: I-29 to IA 12	WOODBURY	4.26	DIV	1.2	70.94	6	2	6	7	9	8	8
IA 376: IA 12 to US 75	WOODBURY	5.52	DIV	7.0	79.12	9	5	6	6	8	9	7
IA 38: I-80 to US 30	CEDAR	17.71	NDIV	1.9	67.07	7	4	6	7	6	9	8
IA 38: US 151 to US 20	DELAWARE, JONES	22.41	NDIV	8.1	82.72	9	6	7	7	9	9	8
IA 38: US 20 to IA 3	DELAWARE	11.56	NDIV	-2.5	85.45	9	7	9	7	9	10	7
IA 38: US 30 to US 151	CEDAR, JONES	27.67	NDIV	1.8	84.05	9	5	9	8	9	10	8
IA 38: US 61 to US 6	MUSCATINE	7.86	NDIV	-5.3	66.07	7	6	3	1	4	8	7
IA 39: US 59 to IA 175	CRAWFORD, SAC	24.34	NDIV	-0.4	62.4	6	4	8	7	2	9	6
IA 4: IA 141 to US 30	GREENE, GUTHRIE	13.75	NDIV	-2.3	82.38	8	6	7	7	8	10	9
IA 4: IA 3 to US 18	PALO ALTO, POCAHONTAS	26.18	NDIV	0.7	62.8	6	2	7	7	5	10	7
IA 4: IA 44 to IA 141	GUTHRIE	10.25	NDIV	-4.1	87.77	9	7	8	5	9	10	10
IA 4: IA 9 to MN border	EMMET	8.21	NDIV	-2.7	70.82	5	1	9	9	9	10	
IA 4: US 18 to IA 9	EMMET, PALO ALTO	20.11	NDIV	4.3	72.79	6	4	8	8	7	10	9
IA 4: US 20 to IA 3	CALHOUN, POCAHONTAS	19.77	NDIV	-9.7	66.04	7	4	8	7	1	9	8
IA 4: US 30 to US 20	CALHOUN, GREENE	43.3	NDIV	-1.2	78.79	7	5	9	9	9	10	9
IA 404: IA 3 to US 75	PLYMOUTH	1.63	DIV	-11.5	75.81	7	2	8	9	9	10	7
IA 415: Ankeny W CL to IA 160	POLK	4.04	NDIV	-2.4	76.93	8	5	3	3	10	7	9
IA 415: I-35/80 to US 6	POLK	1.56	NDIV	10.4	78.06	9	5	2	1	10	6	
IA 415: IA 141 to Ankeny W CL	POLK	7.6	NDIV	-3.9	71.68	8	4	1	2	10	7	6
IA 415: IA 160 to I-35/80	POLK	3.66	DIV	9.5	80.71	9	7	1	4	10	5	8
IA 44: US 169 to IA 141	DALLAS, POLK	12.93	NDIV	-4.9	68.02	7	3	2	2	7	8	9
IA 44: US 30 to US 59	HARRISON, SHELBY	20.88	NDIV	-4.0	74.88	6	4	9	7	9	10	8
IA 44: US 59 to US 71	AUDUBON, SHELBY	24.35	NDIV	-4.8	78.44	6	5	8	8	9	10	9
IA 44: US 71 to US 169	AUDUBON, DALLAS, GUTHRIE	46.36	NDIV	-1.0	78.76	8	5	7	7	9	9	9
IA 461: I-280 to US 67	SCOTT	5.25	DIV	0.3	68.68	7	3	5	5	6	9	7
IA 461: US 6 to I-80	SCOTT	3.89	NDIV	-0.6	68.58	8	4	1	2	8	7	6
IA 461: US 67 to US 6	SCOTT	5.75	NDIV	1.6	65.02	6	2	1	3	9	8	6
IA 471: IA 175 to US 20	SAC	10.97	NDIV	-6.3	72.79	6	4	9	9	7	10	8
IA 48: US 34 to US 6	CASS, MONTGOMERY	24.75	NDIV	-5.8	78.8	7	5	8	8	9	10	8
IA 48: US 59 to US 34	MONTGOMERY, PAGE	23.16	NDIV	3.6	88.18	10	7	7	7	9	10	8
IA 5: E jct of IA 92 to W jct of IA 92	MARION	10.92	DIV	-2.4	79.39	8	5	8	6	9	9	8
IA 5: IA 2 to US 34	APPANOOSE, MONROE	20.5	NDIV	11.1	77.12	10	6	5	5	4	9	7
IA 5: IA 28 to I-35	POLK	5.28	DIV	-2.3	71.3	9	6	1	2	6	7	9
IA 5: MO border to IA 2	APPANOOSE	13.62	NDIV	5.2	82.06	9	7	6	8	8	9	7
IA 5: US 34 to E jct of IA 92	MARION, MONROE	26.16	NDIV	-0.4	68.44	7	6	5	5	5	9	7
IA 5: US 65/US 69 to IA 28	POLK, WARREN	6.1	DIV	-4.0	69.65	8	5	2	2	6	7	9
IA 5: W jct of IA 92 to US 65	MARION, POLK, WARREN	19.74	DIV	-2.4	78.08	8	4	7	7	9	9	8
IA 51: US 18 to IA 9	ALLAMAKEE	10.91	NDIV	-1.7	66.2	6	4	8	6	6	10	6
IA 56: IA 150 to IA 13	CLAYTON, FAYETTE	24.44	NDIV	-5.0	71.6	6	1	10	8	9	10	8



Corridor Description	Counties	Centerline Mileage	Route Type	5 Year Change	2022 Composite	PCI	IRI	PASS	SU	COMBO	V/C	BCI
IA 57: Cedar Falls W CL to US 218	BLACK HAWK	3.81	NDIV	0.4	76.27	8	4	3	7	9	8	6
IA 57: US 65 to Cedar Falls W CL	BLACK HAWK, BUTLER, GRUNDY, HARDIN	38.53	NDIV	1.6	84.57	9	6	8	8	8	10	8
IA 58: US 63 to US 20	BLACK HAWK	5.28	NDIV	-5.8	67.7	4	2	6	7	9	9	9
IA 60: US 18 to MN border	O'BRIEN, OSCEOLA	24.07	DIV	-2.6	82.33	9	6	9	9	5	9	9
IA 60: US 75 to US 18	O'BRIEN, PLYMOUTH, SIOUX	35.02	DIV	-5.0	77.07	8	5	9	9	5	9	9
IA 62: IA 64 to US 52	JACKSON	19.64	NDIV	-2.5	71.47	7	2	8	7	10	10	7
IA 64: US 151 to US 61	JACKSON, JONES	30.92	NDIV	2.5	83.92	9	6	8	6	9	10	9
IA 64: US 61 to US 67	JACKSON	27.21	NDIV	-0.7	84.58	9	6	8	7	9	10	9
IA 7: IA 3 to US 71	BUENA VISTA, CHEROKEE	18.85	NDIV	-2.6	80.79	9	7	5	7	7	9	8
IA 7: US 71 to US 169	BUENA VISTA, CALHOUN, POCAHONTAS, WEBSTER	47.84	NDIV	-0.4	76.4	7	4	8	8	7	10	9
IA 70: IA 22 to US 6	MUSCATINE	6.26	NDIV	-3.2	82.84	9	7	7	7	7	9	8
IA 70: IA 92 to IA 22	LOUISA, MUSCATINE	14.81	NDIV	-6.3	78.23	6	5	8	9	9	10	8
IA 76: N jct IA 9 to MN border	ALLAMAKEE	19.6	NDIV	0.2	85.98	9	7	9	7	9	10	7
IA 76: W jct US 18 to S jct US 9	ALLAMAKEE, CLAYTON	27.25	NDIV	7.0	79.45	8	4	8	8	7	9	9
IA 78: IA 1 to US 218	HENRY, JEFFERSON, WASHINGTON	17.38	NDIV	-3.4	74.68	6	3	9	9	8	10	8
IA 78: IA 149 to IA 1	KEOKUK	12.98	NDIV	-2.6	76.6	8	6	9	6	8	10	5
IA 78: US 218 to US 61	HENRY, LOUISA	20.62	NDIV	22.2	90.28	10	7	9	9	9	10	8
IA 8: US 63 to US 218	BENTON, TAMA	13.96	NDIV	-3.6	79.06	7	5	8	8	8	10	8
IA 81: MO border to IA 2	VAN BUREN	2.2	NDIV	-1.5	73.5	6	1	10	9	10	10	9
IA 83: US 59 to IA 148	CASS, POTTAWATTAMIE	30.61	NDIV	-0.7	85.68	8	6	8	8	10	10	9
IA 85: Montezuma E CL to IA 21	POWESHIEK	8.41	NDIV	-0.5	83.51	7	5	9	9	10	10	7
IA 86: IA 9 to MN border	DICKINSON	4.94	NDIV	-4.0	75.01	9	6	7	6	2	9	
IA 86: US 71 to IA 9	DICKINSON	7.68	NDIV	10.6	80.98	10	7	4	4	5	9	
IA 9: Decorah E CL to IL border	ALLAMAKEE, WINNESHIEK	32.65	NDIV	11.1	79.62	8	6	7	4	7	9	8
IA 9: I-35 to US 63	HOWARD, MITCHELL, WORTH	54.12	NDIV	-1.9	74.48	7	5	8	7	7	10	8
IA 9: IA 60 to US 71	DICKINSON, OSCEOLA	29.65	NDIV	-2.6	75.09	8	5	6	7	6	9	8
IA 9: SD border to IA 60	LYON, OSCEOLA	43.34	NDIV	5.6	71.64	7	5	6	7	6	9	8
IA 9: US 169 to I-35	KOSSUTH, WINNEBAGO,	38.46	NDIV	-3.3	72.88	8	6	8	6	4	9	8
IA 9: US 63 to Decorah E CL	HOWARD, WINNESHIEK	32.62	NDIV	-1.4	76.4	8	7	5	4	7	9	6
IA 9: US 71 to US 169	DICKINSON, EMMET, KOSSUTH	40.03	NDIV	-4.0	80.47	8	6	7	7	6	10	9
IA 906: IA 906 to I-80	POTTAWATTAMIE	4	DIV	-6.4	69.14	5	2	6	7	10	8	7
IA 92: I-29 to US 59	POTTAWATTAMIE	23.01	NDIV	5.7	80.21	9	6	5	6	7	9	8
IA 92: I-35 to US 65	WARREN	11.98	NDIV	2.4	68.35	6	4	4	2	9	8	6
IA 92: IA 1 to US 218	WASHINGTON	9.48	NDIV	1.0	68.23	7	3	3	7	7	9	7
IA 92: IA 5 to US 63	MAHASKA, MARION	23.26	NDIV	-4.0	70.6	7	5	6	4	6	9	8
IA 92: US 169 to I-35	MADISON, WARREN	12.8	NDIV	14.7	86.38	10	8	6	1	8	9	9
IA 92: US 218 to US 61	LOUISA, WASHINGTON	17.81	NDIV	-5.4	60.67	6	5	6	7	1	9	7
IA 92: US 59 to US 71	CASS, POTTAWATTAMIE	21.8	NDIV	-3.5	69.46	6	3	9	8	8	10	6
IA 92: US 63 to IA 1	KEOKUK, MAHASKA, WASHINGTON	48.96	NDIV	0.6	76.61	8	5	7	7	7	10	7

APPENDIX 1: ICE CORRIDORS

Corridor Description	Counties	Centerline Mileage	Route Type	5 Year Change	2022 Composite	PCI	IRI	PASS	SU	COMBO	V/C	BCI
IA 92: US 65 to IA 5	MARION, WARREN	16	NDIV	18.1	85.52	10	7	6	5	8	9	8
IA 92: US 71 to US 169	ADAIR, CASS, MADISON	51.2	NDIV	-3.3	85.1	9	7	8	7	9	10	8
IA 922: I-380 to IA 100	LINN	4.81	NDIV	-3.3	63.97	6	1	2	3	9	7	8
IA 922: US 30 to I-380	LINN	4.17	DIV	7.8	78.47	8	4	5	7	9	8	8
IA 93: US 63 to IA 150	BREMER, FAYETTE	29.54	NDIV	-1.6	86.32	8	6	8	9	10	10	8
IA 930: US 30 to 1.1 mi E of US 30	BOONE	1.9	NDIV	9.0	91.18	10	7	6	8	10	9	8
IA 946: US 52 to US 61	DUBUQUE	1.03	DIV	1.3	69.95	7	2	6	7	8	8	9
IA 96: IA 14 to US 63	MARSHALL, TAMA	16.63	NDIV	-1.6	88.91	9	7	9	8	9	10	9
IA 965: US 6 to I-80	JOHNSON	0.53	DIV	-0.2	73.24	8	4	1	4	9	7	
US 136: US 61 to IL border	LEE	3.04	NDIV	-1.1	62.6	5	2	5	7	6	10	5
US 151: I-80 to US 30	BENTON, IOWA, LINN	24.81	NDIV	-0.7	73.44	8	6	4	5	6	8	8
US 151: IA 13 to US 61	DUBUQUE, JONES, LINN	57.46	DIV	-1.9	76.08	8	5	7	7	6	9	9
US 151: US 30 to IA 13	LINN	8.16	DIV	-4.9	59.2	6	3	3	2	3	7	8
US 169: I-80 to IA 141	DALLAS	20.93	NDIV	-4.0	71.72	7	4	5	4	8	9	9
US 169: IA 141 to US 30	BOONE, DALLAS	13.83	NDIV	6.7	80.5	9	7	6	6	6	9	8
US 169: IA 3 to US 18	HUMBOLDT, KOSSUTH	24.6	NDIV	-2.5	72.05	9	7	6	2	3	9	8
US 169: IA 92 to I-80	DALLAS, MADISON	13.71	NDIV	-5.7	76.8	9	6	3	3	9	9	8
US 169: MO border to US 34	RINGGOLD, UNION	40.22	NDIV	-2.9	81.16	7	6	9	8	9	10	9
US 169: US 18 to MN border	KOSSUTH	35.39	NDIV	-5.6	78.09	9	6	8	6	5	10	8
US 169: US 20 to IA 3	HUMBOLDT, WEBSTER	20.49	NDIV	-3.7	70.95	8	5	5	4	4	9	8
US 169: US 30 to US 20	BOONE, WEBSTER	32.5	NDIV	-3.0	80.53	8	6	7	7	7	10	8
US 169: US 34 to IA 92	MADISON, UNION	23.59	NDIV	-1.5	76.53	7	4	8	7	9	10	8
US 18: I-35 to US 65	CERRO GORDO	8.2	DIV	-0.9	69.64	8	5	8	6	2	9	9
US 18: IA 14 to US 63	CHICKASAW, FLOYD	19.77	NDIV	5.1	74.68	8	5	7	7	7	10	8
US 18: IA 150 to US 52	ALLAMAKEE, CLAYTON,	16.57	NDIV	11.0	87.64	10	8	7	5	7	9	8
US 18: IA 60 to US 71	CLAY, O'BRIEN	33.44	NDIV	-2.0	65.93	8	6	6	5	2	9	7
US 18: SD state line to US 75	LYON, SIOUX	25.86	NDIV	-1.6	67.18	8	5	6	4	3	9	8
US 18: US 169 to I-35	CERRO GORDO, HANCOCK, KOSSUTH	44.61	NDIV	-1.9	65.45	7	5	5	4	3	8	7
US 18: US 52 to IA 76	ALLAMAKEE, CLAYTON	24.71	NDIV	0.0	67.24	7	5	5	4	2	9	7
US 18: US 63 to IA 150	CHICKASAW, FAYETTE	32.42	NDIV	-2.1	77.86	8	5	8	7	6	10	8
US 18: US 65 to US 218	CERRO GORDO, FLOYD	31.99	DIV	-1.3	70.08	8	5	7	6	2	9	9
US 18: US 71 to US 169	CLAY, KOSSUTH, PALO ALTO	52.49	NDIV	-2.6	66.89	7	5	6	5	3	9	6
US 18: US 75 to IA 60	O'BRIEN, SIOUX	18.44	NDIV	-6.0	60.33	7	4	3	4	1	8	7
US 20: 345 - IA 136 to IA 32	DUBUQUE	21.81	DIV	-3.1	72.7	9	5	5	3	5	8	9
US 20: I-29 to US 75	WOODBURY	4.57	DIV	8.9	72.2	10	7	3	4	2	8	8
US 20: I-35 to US 65	HAMILTON, HARDIN	15.59	DIV	-2.2	75.45	9	6	8	7	2	9	9
US 20: I-380 to IA 150	BLACK HAWK, BUCHANAN	16.2	DIV	2.9	80.45	9	8	7	3	5	9	8
US 20: IA 13 to IA 136	DELAWARE, DUBUQUE	18.95	DIV	0.1	77.48	10	6	8	4	5	9	8
US 20: IA 14 to IA 27	BLACK HAWK, GRUNDY	16.37	DIV	-5.7	63.9	7	4	6	5	1	8	9
US 20: IA 140 to US 59	IDA, WOODBURY	27.3	DIV	-4.1	80.29	9	6	8	8	5	9	9
US 20: IA 150 to IA 13	BUCHANAN, DELAWARE	20.82	DIV	-3.9	76.23	8	7	8	4	5	9	8
US 20: IA 27 to US 218	BLACK HAWK	7.63	DIV	4.9	64.35	8	6	3	2	1	7	8



Corridor Description	Counties	Centerline Mileage	Route Type	5 Year Change	2022 Composite	PCI	IRI	PASS	SU	COMBO	V/C	BCI
US 20: IA 32 to IL border	DUBUQUE	4.39	DIV	8.7	66.98	8	5	1	1	6	5	6
US 20: US 169 to I-35	HAMILTON, WEBSTER	31.36	DIV	-1.8	75.9	9	7	7	7	2	9	8
US 20: US 59 to US 71	IDA, SAC	20.27	DIV	-4.7	82.7	9	7	9	8	5	9	9
US 20: US 65 to IA 14	GRUNDY, HARDIN	26.87	DIV	-4.6	69.12	8	5	8	6	2	9	9
US 20: US 71 to US 169	CALHOUN, SAC, WEBSTER	50.23	DIV	-6.3	80.6	10	7	9	8	3	9	9
US 20: US 75 to IA 140	WOODBURY	12.43	DIV	0.8	75.79	8	5	6	8	6	9	7
US 218: I-380 terminus to IA 27	BLACK HAWK	7.58	DIV	-5.6	60.39	6	4	2	5	4	8	8
US 218: IA 1 to I-80	JOHNSON	5.4	DIV	-1.6	66.37	9	7	2	1	1	6	9
US 218: IA 150 to I-380	BENTON, BLACK HAWK	31.64	NDIV	2.3	77.96	7	5	7	7	8	9	9
US 218: IA 27 to US 34	HENRY, LEE	24.68	DIV	-3.1	68.79	6	5	8	8	3	9	9
US 218: IA 3 to US 18	BREMER, CHICKASAW, FLOYD	26.02	DIV	3.3	74.7	8	6	8	8	3	9	9
US 218: IA 57 to IA 3	BLACK HAWK, BREMER	16.63	DIV	0.3	70.19	8	6	5	6	3	8	9
US 218: IA 92 to IA 1	JOHNSON, WASHINGTON	24.43	DIV	-2.3	69.24	8	6	5	4	3	8	9
US 218: US 136 to US 61 to IA 27	LEE	13.6	NDIV	11.7	76.99	8	5	6	7	6	9	8
US 218: US 18 to MN border	FLOYD, MITCHELL	36.41	NDIV	-0.7	75.74	8	6	7	7	6	9	8
US 218: US 30 to IA 150	BENTON	13.4	NDIV	-3.7	81.76	9	7	7	5	6	9	9
US 218: US 34 to IA 92	HENRY, WASHINGTON	22.06	DIV	-0.8	68.75	8	5	6	7	2	8	8
US 275: I-29 to NE border	POTTAWATTAMIE	5.23	DIV	-0.6	81.12	9	5	6	6	9	8	9
US 275: MO border to US 34	FREMONT, MILLS	35.1	NDIV	6.7	88.07	9	6	8	8	9	10	9
US 30: 1.3 mi W of IA 21 to US 218 63 to US 218	BENTON	11.03	NDIV	14.6	77.51	9	6	6	5	5	8	9
US 30: 2.4 mi W of IA 1 to US 61	CEDAR, CLINTON, LINN	40.07	NDIV	1.2	67.37	8	5	6	5	3	9	7
US 30: I-29 to US 59	CRAWFORD, HARRISON	44.9	NDIV	3.4	67.91	8	6	5	4	2	9	7
US 30: I-35 to IA 14	MARSHALL, STORY	33.86	DIV	-1.2	79.61	8	5	7	7	7	9	8
US 30: I-380 to 2.4 mi W of IA 1	CEDAR, LINN	18.2	DIV	12.7	76.9	9	7	5	4	5	8	9
US 30: IA 14 to 1.3 mi W of IA 21	BENTON, MARSHALL, TAMA	34.04	DIV	-1.2	79.29	9	5	7	7	7	9	9
US 30: IA 922 to I-380	LINN	3.73	DIV	-0.4	67.1	8	6	2	3	3	7	8
US 30: IA 930 to I-35	BOONE, STORY	8.71	DIV	-1.8	74.8	9	6	3	4	6	8	7
US 30: NE border to I-29	HARRISON	9.25	NDIV	11.1	66.7	10	8	5	1	1	9	5
US 30: US 169 to IA 930	BOONE	19.6	DIV	-0.7	79.39	9	6	6	6	7	8	6
US 30: US 218 to IA 922	BENTON, DUBUQUE, LINN	17.02	DIV	-0.7	73.65	8	5	6	4	5	8	8
US 30: US 59 to US 71	CARROLL, CRAWFORD	27.28	NDIV	-3.4	64.78	7	5	5	4	3	9	7
US 30: US 61 to IL state line	CLINTON	24.7	DIV	-3.0	71.64	7	4	6	7	6	9	8
US 30: US 71 to US 169	BOONE, CARROLL, GREENE	40.89	NDIV	-4.7	63.02	7	5	4	3	3	9	7
US 34: 0.8 mi W of US 275 to US 59	MILLS	13.97	NDIV	5.4	65.88	8	6	4	1	3	9	7
US 34: I-29 to 0.8 mi W of US 275	MILLS	7.87	DIV	-4.1	74.92	7	5	7	6	8	9	8
US 34: I-35 to US 65	CLARKE, LUCAS	17	NDIV	6.5	71.45	8	6	6	7	3	9	7
US 34: IA 1 to US 218	HENRY, JEFFERSON	25.96	DIV	-1.8	75.25	7	5	8	8	5	9	9
US 34: IA 25 to I-35	CLARKE, UNION	30.72	NDIV	-3.1	70.27	8	7	6	3	3	9	7
US 34: IA 5 to Ottumwa W CL	MONROE, WAPELLO	19.31	NDIV	0.7	75.41	9	7	5	6	3	9	6
US 34: NE border to I-29	MILLS	4.3	DIV	-4.0	84.93	9	6	8	7	8	9	9
US 34: Ottumwa W CL to US 63	WAPELLO	5.2	DIV	-4.1	64.34	5	2	6	7	8	8	8
US 34: US 218 to US 61	DES MOINES, HENRY	25.68	DIV	-2.0	76.92	7	5	8	7	7	9	9

APPENDIX 1: ICE CORRIDORS

Corridor Description	Counties	Centerline Mileage	Route Type	5 Year Change	2022 Composite	PCI	IRI	PASS	SU	COMBO	V/C	BCI
US 34: US 59 to US 71	MILLS, MONTGOMERY	22.65	NDIV	-1.8	74.71	9	7	6	4	4	9	7
US 34: US 61 to IL border	DES MOINES	2.41	DIV	-0.9	79.04	10	7	6	5	5	9	7
US 34: US 63 to IA 1	JEFFERSON, WAPELLO	23.92	DIV	-2.9	72.33	7	4	8	6	5	9	9
US 34: US 65 to IA 5	LUCAS, MONROE	35.63	NDIV	7.3	67.58	7	5	7	8	3	10	6
US 34: US 71 to IA 25	ADAMS, MONTGOMERY,	34.6	NDIV	-4.7	75.75	8	7	7	4	5	9	7
US 52: IA 3/IA 136 to US 18	CLAYTON, DUBUQUE	33.7	NDIV	-0.2	78.07	8	6	7	6	6	9	8
US 52: IA 9 to MN border	WINNESHIEK	15.79	NDIV	-2.7	74.45	8	6	6	6	4	9	7
US 52: IL border to US 61	DUBUQUE, JACKSON	44.21	NDIV	9.8	84.02	9	7	7	6	9	9	8
US 52: Jct of US 52/61/151 to Jct of US 20	DUBUQUE	6	DIV		89.85	10	7	8	7	8	10	9
US 52: US 18 to IA 9	ALLAMAKEE, WINNESHIEK	26.51	NDIV	-1.0	84.31	10	7	7	5	7	9	
US 52: US 20 to US 52	DUBUQUE	10.12	NDIV	17.0	79.83	10	7	5	4	7	9	7
US 59: I-80 to US 30	CRAWFORD, POTTAWATTAMIE, SHELBY	35.68	NDIV	3.4	66.16	8	5	6	5	2	9	7
US 59: IA 2 to US 34	FREMONT, MILLS, PAGE	20.15	NDIV	-4.3	75.94	7	6	8	7	7	10	6
US 59: IA 3 to US 18	CHEROKEE, O'BRIEN	32.53	NDIV	21.4	86.67	10	7	9	9	7	10	9
US 59: MO border to IA 2	FREMONT, PAGE	11.2	NDIV	-3.9	67.19	5	1	8	8	7	10	9
US 59: US 18 to MN border	O'BRIEN, OSCEOLA	21.75	NDIV	-4.6	67.3	6	2	9	8	5	10	8
US 59: US 20 to IA 3	CHEROKEE, IDA	20.71	NDIV	-2.2	72.83	8	5	7	5	5	10	7
US 59: US 30 to US 20	CRAWFORD, IDA	36.22	NDIV	-4.4	75.25	7	6	8	7	7	10	7
US 59: US 34 to I-80	MILLS, POTTAWATTAMIE	34.11	NDIV	8.7	78.68	9	6	8	6	7	10	7
US 6: I-235 to I-80	POLK	5.47	DIV	-3.4	73.29	7	3	5	6	9	8	8
US 6: I-280 to IA 461	SCOTT	6.97	NDIV	-6.4	65.27	5	2	3	6	9	7	7
US 6: I-35/80 to IA 28	POLK	5.1	DIV	-1.1	77.51	8	5	2	6	10	7	6
US 6: I-80 to IA 146	JASPER, POWESHIEK	20.5	NDIV	-2.7	78.25	8	4	6	8	10	9	8
US 6: I-80 to US 59	POTTAWATTAMIE	20.19	NDIV	-4.1	75.85	8	6	6	4	7	9	8
US 6: IA 1 to IA 70	JOHNSON, MUSCATINE	17.51	NDIV	-1.3	71.14	7	5	3	3	8	8	8
US 6: IA 146 to US 151	IOWA, POWESHIEK	41.22	NDIV	-3.3	83.78	9	7	7	7	8	10	8
US 6: IA 28 to US 69	POLK	5.06	NDIV	8.1	73.23	8	4	2	2	10	7	7
US 6: IA 38 to I-80	CEDAR, MUSCATINE	5.16	NDIV	-2.4	63.12	7	4	6	6	5	9	6
US 6: IA 461 to I-74	SCOTT	2.65	DIV	11.6	74.08	8	5	1	7	10	5	7
US 6: IA 70 to IA 38	MUSCATINE	11.58	NDIV	5.3	85.93	9	7	8	9	9	10	8
US 6: IA 965 to IA 1	JOHNSON	4.3	NDIV	-0.9	74.13	8	5	1	3	9	6	7
US 6: NE border to I-29	POTTAWATTAMIE	0.9	NDIV	4.5	66.53	9	5	2	3	4	7	3
US 6: US 151 to IA 965	IOWA, JOHNSON	15.07	NDIV	-3.7	70.77	8	6	4	1	7	8	7
US 6: US 169 to I-35/80	DALLAS, POLK	12.5	DIV	5.6	83.3	9	6	4	4	10	7	8
US 6: US 59 to US 71	CASS, POTTAWATTAMIE	24.77	NDIV	-4.1	81.03	8	6	8	7	9	10	8
US 6: US 69 to I-235	POLK	1.31	DIV	-3.5	71.5	8	4	3	3	8	7	7
US 61: Burlington N CL to IA 92	DES MOINES, LOUISA	30.51	NDIV	0.0	66.32	8	5	4	4	3	9	7
US 61: I-80 to US 30	CLINTON, SCOTT	15.48	DIV	-2.9	65.6	8	6	3	2	3	7	8
US 61: IA 2 to Burlington N CL	DES MOINES, LEE	24.09	DIV	-0.3	79.49	8	5	7	7	8	9	9
US 61: IA 38 to I-280	MUSCATINE, SCOTT	20.98	DIV	-2.8	70.52	7	5	6	4	5	8	9
US 61: IA 64 to US 151	DUBUQUE, JACKSON	25.13	DIV	-3.2	73.04	7	4	8	7	5	9	8



Corridor Description	Counties	Centerline Mileage	Route Type	5 Year Change	2022 Composite	PCI	IRI	PASS	SU	COMBO	V/C	BCI
US 61: IA 92 to IA 38	LOUISA, MUSCATINE	18.75	DIV	0.7	75.48	8	4	7	7	6	9	9
US 61: MO border to US 218	LEE	9.46	DIV	0.8	79.8	8	5	7	7	7	9	7
US 61: US 151 to US 20	DUBUQUE	4.96	DIV	6.5	70.88	9	5	5	3	4	8	9
US 61: US 20 to WI border	DUBUQUE	2.56	DIV	-1.8	52.63	6	2	3	2	3	7	7
US 61: US 218 to IA 2	LEE	8.99	DIV	-0.5	86.74	9	6	8	8	9	9	9
US 61: US 30 to IA 64	CLINTON, JACKSON	19.26	DIV	-2.9	72.8	8	5	7	7	4	9	9
US 63: I-80 to US 30	POWESHIEK, TAMA	22.27	NDIV	3.0	73.12	7	4	7	7	6	10	8
US 63: IA 149 to IA 92	MAHASKA, WAPELLO	22.58	DIV	-2.1	69.83	7	4	7	6	4	9	8
US 63: IA 3 to US 18	BREMER, CHICKASAW	18.08	DIV	-0.5	82.2	8	6	9	9	7	9	9
US 63: IA 92 to I-80	MAHASKA, POWESHIEK	33.08	NDIV	-3.2	74.63	8	6	7	7	4	9	8
US 63: MO border to US 34	DAVIS, WAPELLO	33.71	NDIV	1.1	69.05	8	5	5	7	4	9	7
US 63: US 18 to MN border	CHICKASAW, HOWARD	32.9	NDIV	3.5	68.95	8	6	6	4	2	9	7
US 63: US 20 to US 218	BLACK HAWK	4.29	DIV	-4.5	76.1	5	5	8	8	10	9	7
US 63: US 218 to Waterloo N CL	BLACK HAWK	5.8	NDIV	5.8	75.42	8	5	3	6	7	9	8
US 63: US 30 to US 20	BLACK HAWK, TAMA	39.43	NDIV	3.2	70.39	8	4	6	5	5	9	7
US 63: US 34 to IA 149	WAPELLO	7.49	DIV	-3.7	72.2	7	4	9	5	5	9	9
US 63: Waterloo N CL to IA 3	BLACK HAWK, BREMER	10.87	DIV	-0.7	83.29	9	6	7	8	8	9	9
US 65: I-80 to IA 330	JASPER, POLK	15.13	DIV	-3.7	77.22	8	5	7	6	7	9	8
US 65: IA 163 to I-80	POLK	4.93	DIV	-4.7	60.91	7	4	3	2	2	8	9
US 65: IA 3 to US 18	CERRO GORDO, FRANKLIN	25.02	NDIV	-3.0	74.93	7	5	6	7	7	9	8
US 65: IA 330 to US 30	JASPER, STORY	13.82	NDIV	4.7	86.37	10	7	8	6	7	10	9
US 65: IA 5 to IA 163	POLK, WARREN	8.43	DIV	-3.8	66.65	8	5	3	1	4	8	9
US 65: IA 92 to IA 5	WARREN	10.7	DIV	-3.4	76.13	8	6	3	4	9	7	8
US 65: Mason City N CL to MN border	CERRO GORDO, WORTH	21.2	NDIV	0.2	73.33	7	4	7	6	7	10	9
US 65: MO border to US 34	LUCAS, WAYNE	31.93	NDIV	1.4	81.32	9	6	9	8	7	10	7
US 65: US 18 to Mason City N CL	CERRO GORDO	7.63	NDIV	0.5	75.42	7	4	4	7	9	9	8
US 65: US 20 to IA 3	FRANKLIN, HARDIN	23.18	NDIV	-1.6	75.68	8	6	6	6	5	9	8
US 65: US 30 to US 20	HARDIN, STORY	32.87	NDIV	1.4	84.71	9	7	8	7	6	10	9
US 65: US 34 to IA 92	LUCAS, WARREN	26.56	NDIV	-3.3	83.61	9	7	6	8	7	9	7
US 67: Clinton N CL to US 52	CLINTON, JACKSON	12.08	NDIV	6.0	89.66	9	7	8	7	10	10	9
US 67: I-74 to I-80	SCOTT	9.19	NDIV	-4.8	60.52	7	4	1	1	2	8	8
US 67: I-80 to US 30	CLINTON, SCOTT	20.82	NDIV	3.0	69.13	7	4	4	6	6	9	8
US 67: US 30 to Clinton N CL	CLINTON	5.67	NDIV	1.5	75.31	8	3	4	5	10	9	8
US 67: US 61 to I-74	SCOTT	4.56	NDIV	-7.2	60.78	6	2	2	4	7	7	3
US 69: Ames N CL to US 20	HAMILTON, STORY	26.73	NDIV	0.6	87.43	10	7	6	8	8	9	10
US 69: Ankeny N CL to US 30	LINN, POLK, STORY	15.95	NDIV	-0.6	84.08	9	7	2	7	10	8	7
US 69: I-235 to I-35/80	POLK	3.73	NDIV	5.5	70.23	7	3	3	2	8	7	
US 69: I-35/80 to Ankeny N CL	POLK	8.77	DIV	1.8	76.51	8	4	4	5	10	7	
US 69: IA 3 to US 18	HANCOCK, WRIGHT	24.85	NDIV	-8.0	72.2	7	5	7	6	5	9	9
US 69: IA 5 to I-235	POLK, WARREN	7.4	DIV	-4.3	64.52	5	2	2	4	10	6	5
US 69: MO border to US 34	CLARKE, DECATUR	40.7	NDIV	15.5	87.42	9	6	8	8	9	10	8

APPENDIX 1: ICE CORRIDORS

Corridor Description	Counties	Centerline Mileage	Route Type	5 Year Change	2022 Composite	PCI	IRI	PASS	SU	COMBO	V/C	BCI
US 69: US 18 to MN border	HANCOCK, WINNEBAGO, WORTH	33.8	NDIV	-5.7	72.66	7	5	7	6	6	9	8
US 69: US 20 to IA 3	HAMILTON, WRIGHT	19.88	NDIV	-5.7	72.89	7	5	8	8	5	10	8
US 69: US 30 to Ames N CL	STORY	5.18	NDIV	-2.4	71.55	6	3	3	6	10	7	8
US 69: US 34 to US 65	CLARKE, WARREN	23.51	NDIV	-4.3	77.06	6	3	8	7	10	10	9
US 71: I-80 to US 30	AUDUBON, CARROLL, CASS	44.07	NDIV	0.5	75.48	8	6	7	6	6	9	8
US 71: IA 3 to US 18	BUENA VISTA, CLAY	27.04	NDIV	-5.2	72.88	9	6	5	6	3	9	8
US 71: IA 86 to MN border	DICKINSON	18.15	NDIV	-3.5	70.27	7	4	4	5	7	8	9
US 71: MO border to US 34	MONTGOMERY, PAGE	29.53	NDIV	-4.8	78.52	8	6	7	6	6	10	8
US 71: US 18 to IA 86	CLAY, DICKINSON	10.78	DIV	-2.7	82.64	9	6	6	7	9	9	7
US 71: US 20 to IA 3	BUENA VISTA, SAC	19.62	NDIV	4.9	75.64	9	6	6	6	2	9	8
US 71: US 30 to US 20	CARROLL, SAC	30.53	NDIV	-5.2	71.8	7	5	7	5	5	9	9
US 71: US 34 to I-80	CASS, MONTGOMERY	38.34	NDIV	-0.2	81.64	9	6	8	7	6	10	8
US 75: IA 60 to US 18	PLYMOUTH, SIOUX	25.52	NDIV	-3.1	61.31	7	5	4	2	1	8	8
US 75: US 18 to MN border	LYON, SIOUX	21.23	NDIV	-4.4	69.55	8	5	7	5	3	9	8
US 75: US 20 to IA 60	PLYMOUTH, WOODBURY	27.21	DIV	1.7	70.94	9	5	6	6	3	8	8
US 77: NE border to I-29	WOODBURY	0.31	DIV	-5.2	60.42	7	1	1	4	9	6	6

●● APPENDIX 2: VALUE RANGES CONVERTED TO NORMALIZED SCORES





Table A.2: Observed Values Within Normalization Ranges

Normalized value	BCI	PCI	IRI	Interstate passenger	Divided passenger	Non-divided passenger	Interstate single-unit	Divided single-unit	Non-divided single-unit	Interstate combo	Divided combo	Non-divided combo	V/C
1	N/A	3 - 10	168 - 348	26,014 - 59,709	10,579 - 19,872	5,766 - 36,071	1,447 - 3,249	450 - 967	312 - 3,490	5,705 - 16,557	1,121 - 2,385	548 - 3,417	.9 - 2.7
2	15 - 15	11 - 20	149 - 167	23,193 - 26,014	9,420 - 10,579	5,129 - 5,766	1,289 - 1,447	400 - 450	280 - 312	5,091 - 5,705	1,000 - 1,121	488 - 548	.8 - .9
3	22 - 30	21 - 30	130 - 149	20,243 - 23,120	8,239 - 9,402	4,487 - 5,125	1,134 - 1,284	351 - 400	243 - 277	4,444 - 5,069	872 - 996	427 - 483	.7 - .8
4	33 - 40	31 - 40	112 - 130	17,537 - 20,142	7,056 - 8,228	3,845 - 4,481	965 - 1,124	300 - 349	209 - 242	3,804 - 4,432	748 - 871	366 - 425	.6 - .7
5	40 - 50	41 - 50	93 - 112	14,462 - 17,323	5,880 - 7,044	3,204 - 3,835	805 - 965	250 - 300	174 - 208	3,178 - 3,803	623 - 747	305 - 365	.5 - .6
6	50 - 60	51 - 60	74 - 93	11,588 - 14,448	4,703 - 5,876	2,564 - 3,203	644 - 804	200 - 250	139 - 173	2,537 - 3,169	499 - 623	244 - 304	.4 - .5
7	60 - 70	61 - 70	56 - 74	8,702 - 11,559	3,529 - 4,693	1,924 - 2,562	483 - 643	150 - 199	105 - 138	1,907 - 2,534	375 - 498	183 - 243	.3 - .4
8	70 - 80	71 - 80	37 - 56	5,782 - 8,651	2,351 - 3,526	1,282 - 1,922	323 - 481	100 - 150	70 - 104	1,269 - 1,896	250 - 374	122 - 182	.2 - .3
9	80 - 90	81 - 90	24 - 37	2,903 - 5,773	1,176 - 2,349	642 - 1,281	162 - 321	50 - 100	35 - 69	639 - 1,264	125 - 249	61 - 121	.1 - .2
10	90 - 100	91 - 99	N/A	178 - 2,884	67 - 1,174	78 - 639	28 - 159	5 - 49	3 - 34	53 - 615	5 - 125	2 - 60	0 - .1

*Table includes maximum and minimum values that occur within normalization ranges. N/A cells indicate no occurrences within that normalization range.



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