



March 30, 2022

HOUSE, SENATE, AND STATE BOARD OF EDUCATION REDISTRICTING PLANS

Sub. for SB 563 would redraw the State's 40 Senate districts (map name: Liberty 3), 125 House of Representatives districts (map name: Free State 3F), and 10 State Board of Education (BOE) Districts (map name: Apple 7) using data obtained from the 2020 Census. [Note: BOE map Apple 7 is based on the districts contained in Senate map Liberty 3.]

The ideal population for each Senate district is 73,447, and the ideal population for each House district is 23,503. The guidelines adopted by the Senate and House committees on Redistricting state the range of deviation for legislative districts should not exceed plus or minus 5.00 percent, equivalent to a deviation of 3,672 persons for Senate districts and 1,175 persons for House districts. As required by law, each BOE district would be constructed using four whole, contiguous Senate districts. The ideal population for each BOE district is 293,788.

The deviation range of the map Liberty 3 is minus 3.00 percent (2,498 persons) to plus 3.95 percent (2,898 persons). The deviation of Free State 3F is minus 3.94 percent (926 persons) to plus 3.59 percent (843 persons). The deviation range of the map Apple 7 is minus 1.33 percent (3,916 persons) to plus 0.59 percent (1,724 persons).

Districts were built using counties, precincts, and census blocks.

Individuals wishing to obtain a copy of the maps Liberty 3, Free State 3F, or Apple 7, may contact the Kansas Legislative Research Department or visit www.kslegresearch.org/KLRD-web/Redistricting.html to view all proposed district plans with more detailed information and maps.

The bill would require the Attorney General to certify to the Secretary of State that the Supreme Court has entered a judgment that 2022 Sub. for SB 563 is a valid reapportionment of state Senate districts. The Secretary of State, upon receipt of the notice of certification, would be required to have such notice of certification published in the *Kansas Register*.

Plan: Liberty_3 for KLRD TR

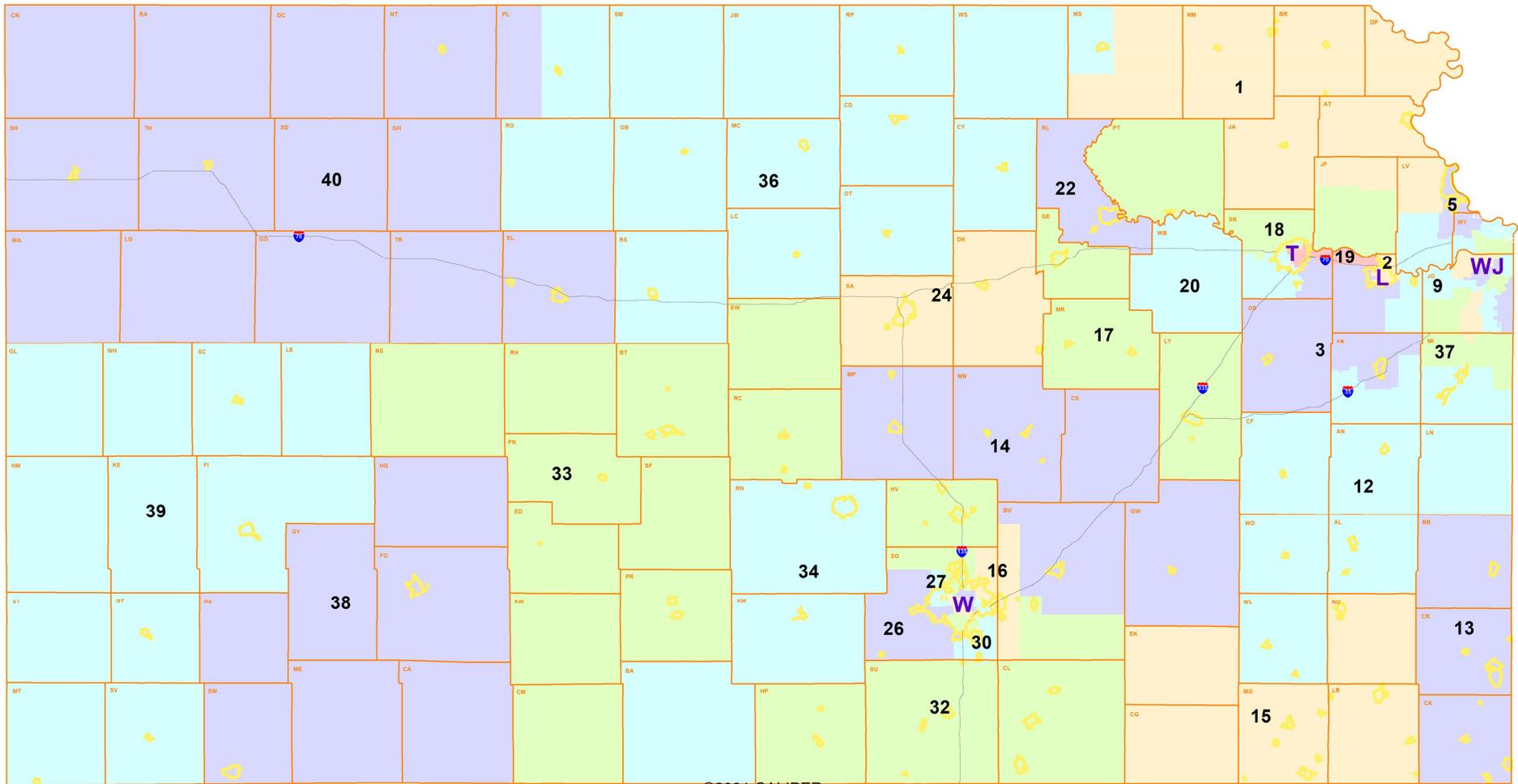
- Cities class 1 or 2
- County
- Interstate Highways
- Districts

0 25 50 75
Miles

Kansas Legislative Research Dept. 03/14/2022

Liberty_3 for KLRD TR

NOTE: In urban areas, VTD boundaries and highways have been hidden so that other information can be displayed. Detailed maps of urban areas follow this statewide map.



©2021 CALIPER

W= Wichita districts 16, 25-31

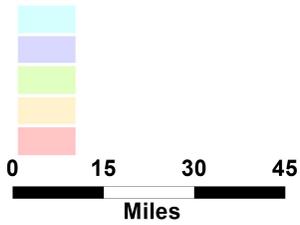
T=Topeka districts 18-20

L=Lawrence districts 2, 3, 19

WJ=Wyandotte and Johnson County districts 4-11, 21, 23, 35, 37

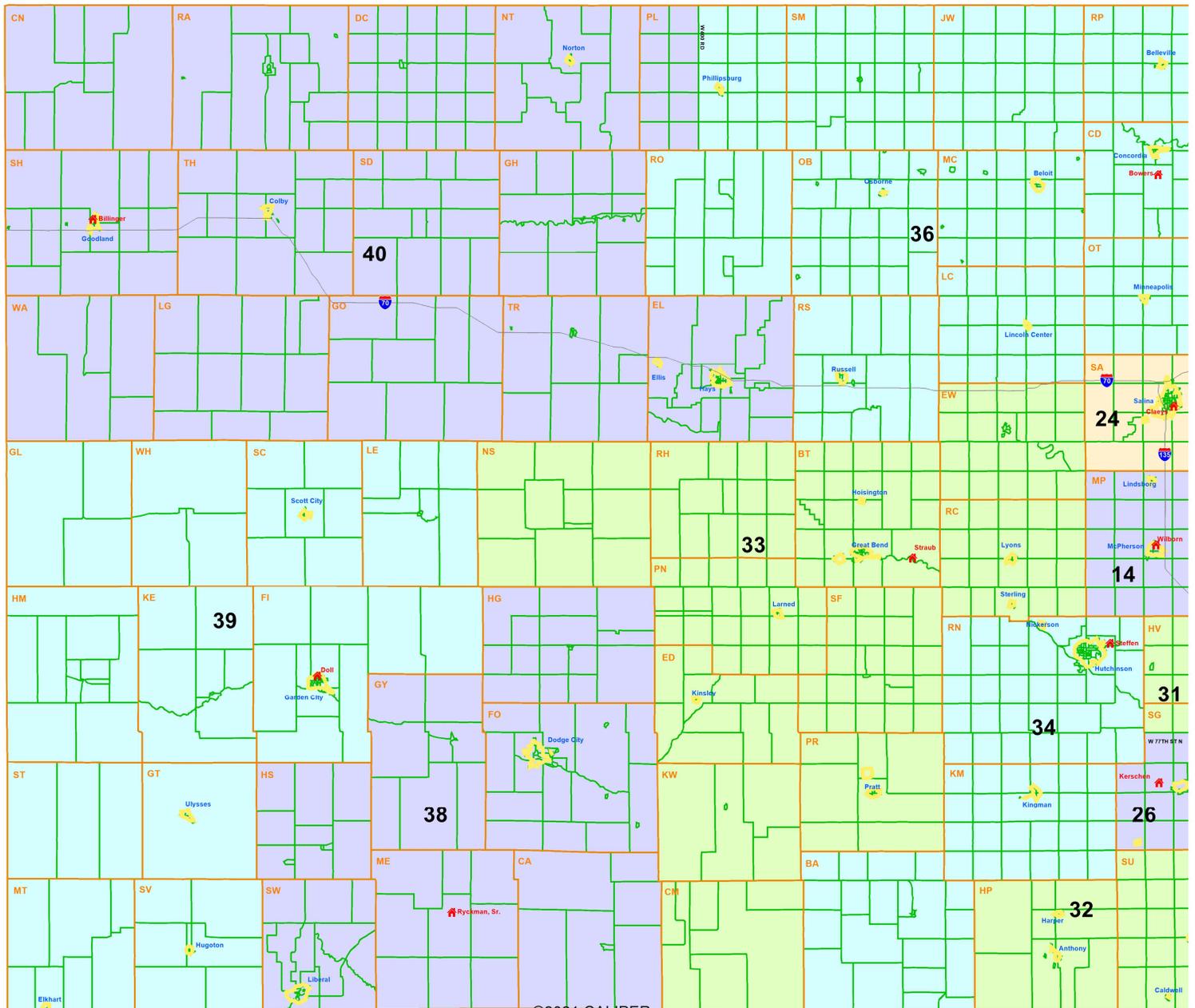
Plan: Liberty_3 for KLRD TR

- Voting District
- Cities class 1 or 2
- County
- Interstate Highways
- Senate Incumbent Districts



Kansas Legislative Research Dept. 03/14/2022

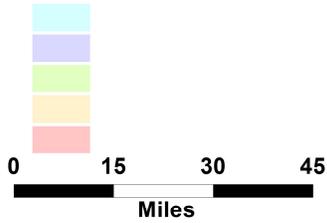
Liberty_3 for KLRD TR
Western Kansas



Plan: Liberty_3 for KLRD TR

Map Features

- Voting District
- Cities class 1 or 2
- County
- Interstate Highways
- Senate Incumbent Districts



Kansas Legislative Research Dept. 03/14/2022

NOTE: In urban areas, VTD boundaries, incumbents, and highways have been hidden so that other information can be displayed. Detailed maps of urban areas follow this map.

Liberty_3 for KLRD TR

Eastern Kansas

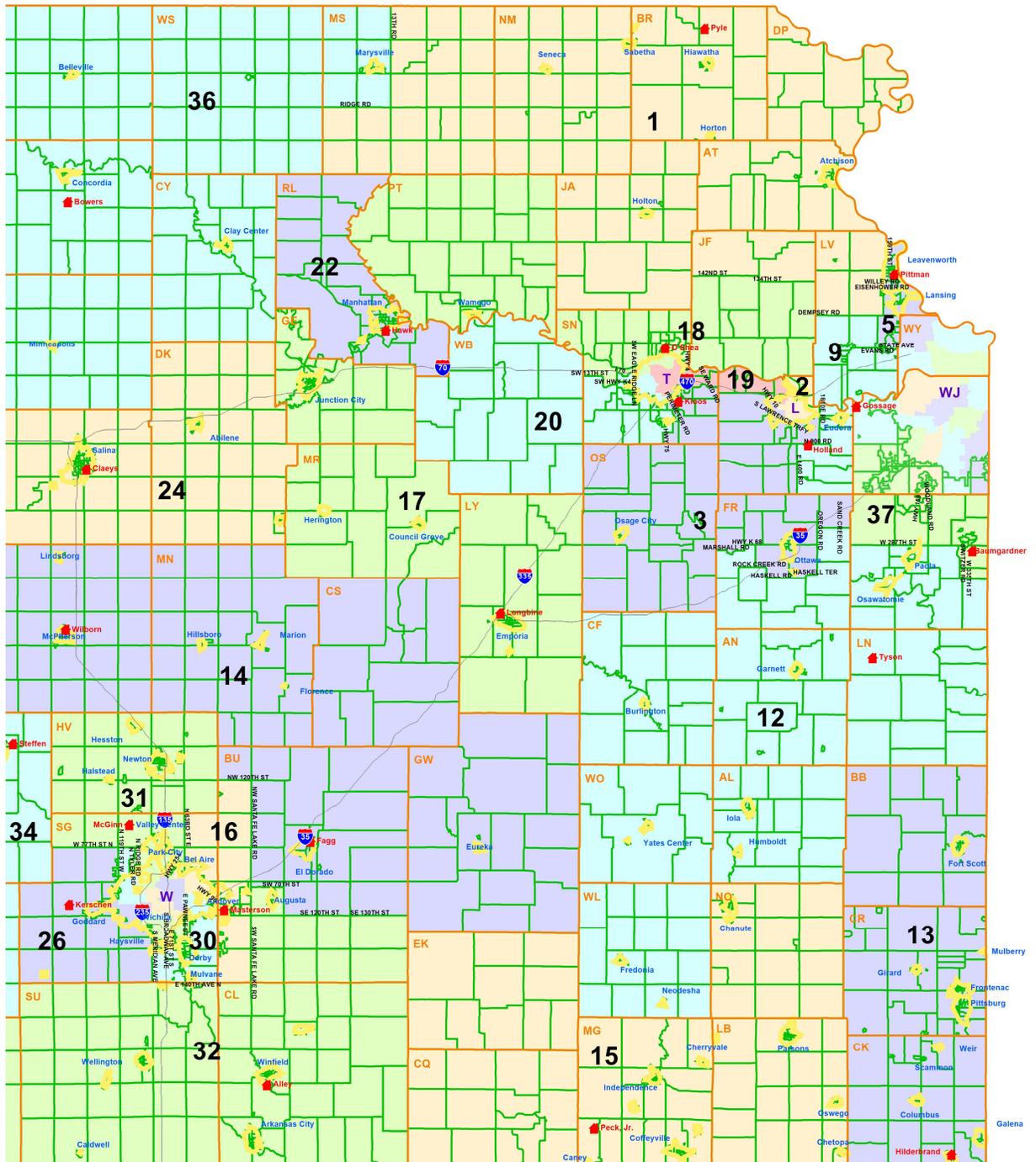
page 3 of 10

T=Topeka districts 18-20

L=Lawrence districts 2, 3, 19

WJ=Wyandotte and Johnson County districts 4-11, 21, 23, 35, 37

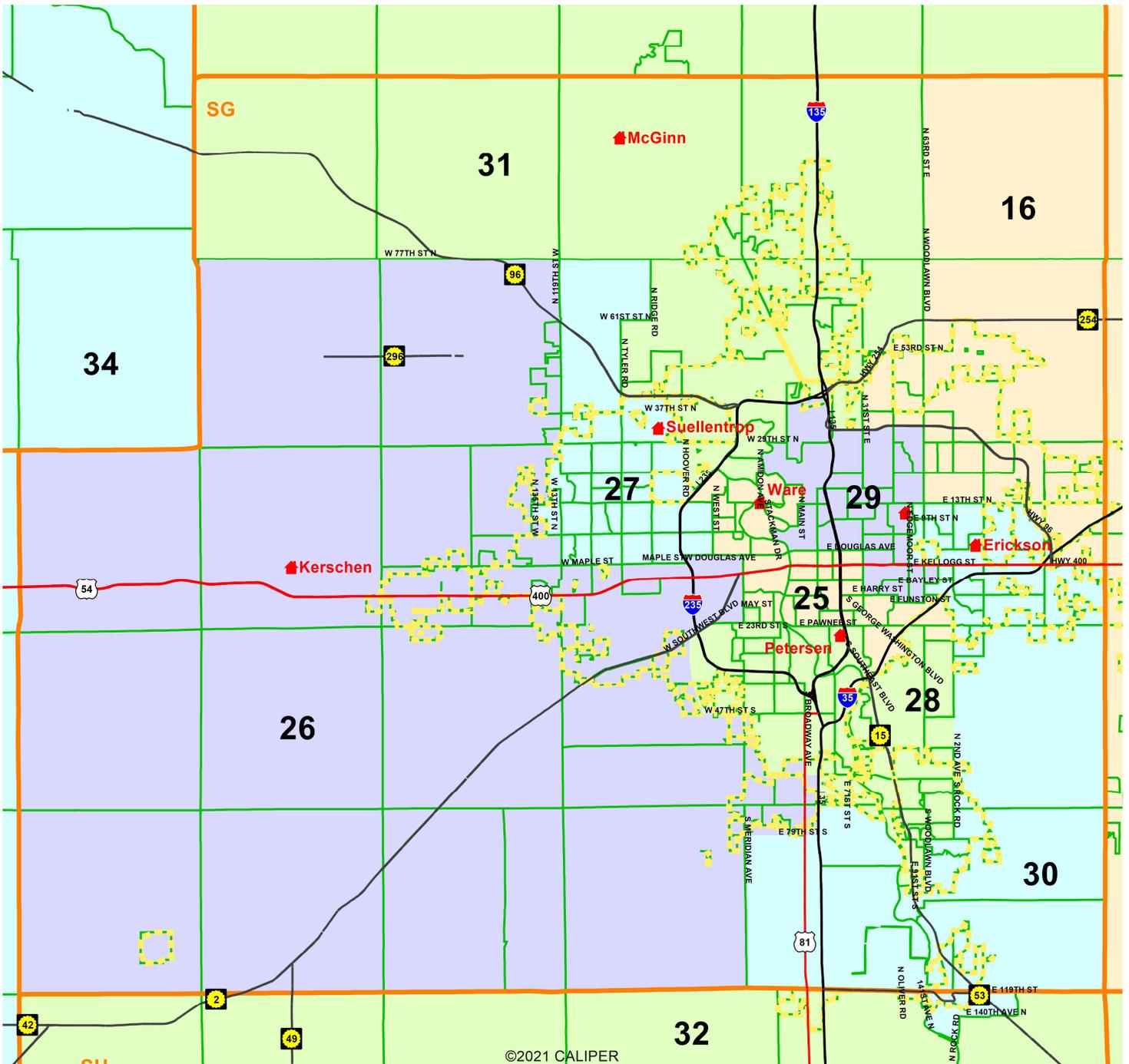
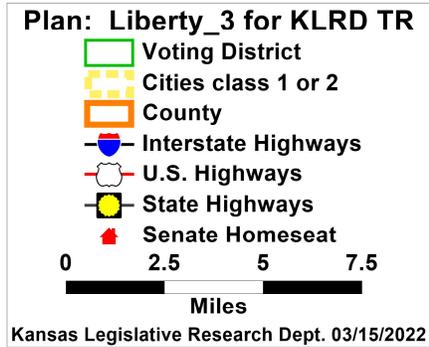
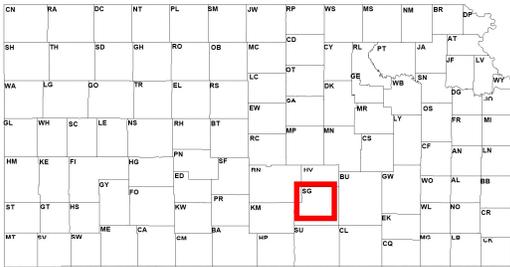
W = Wichita Districts 16, 25-31

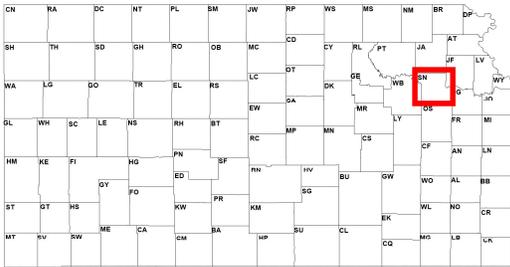


Liberty_3 for KLRD TR

Sedgwick County

Page 4 of 10



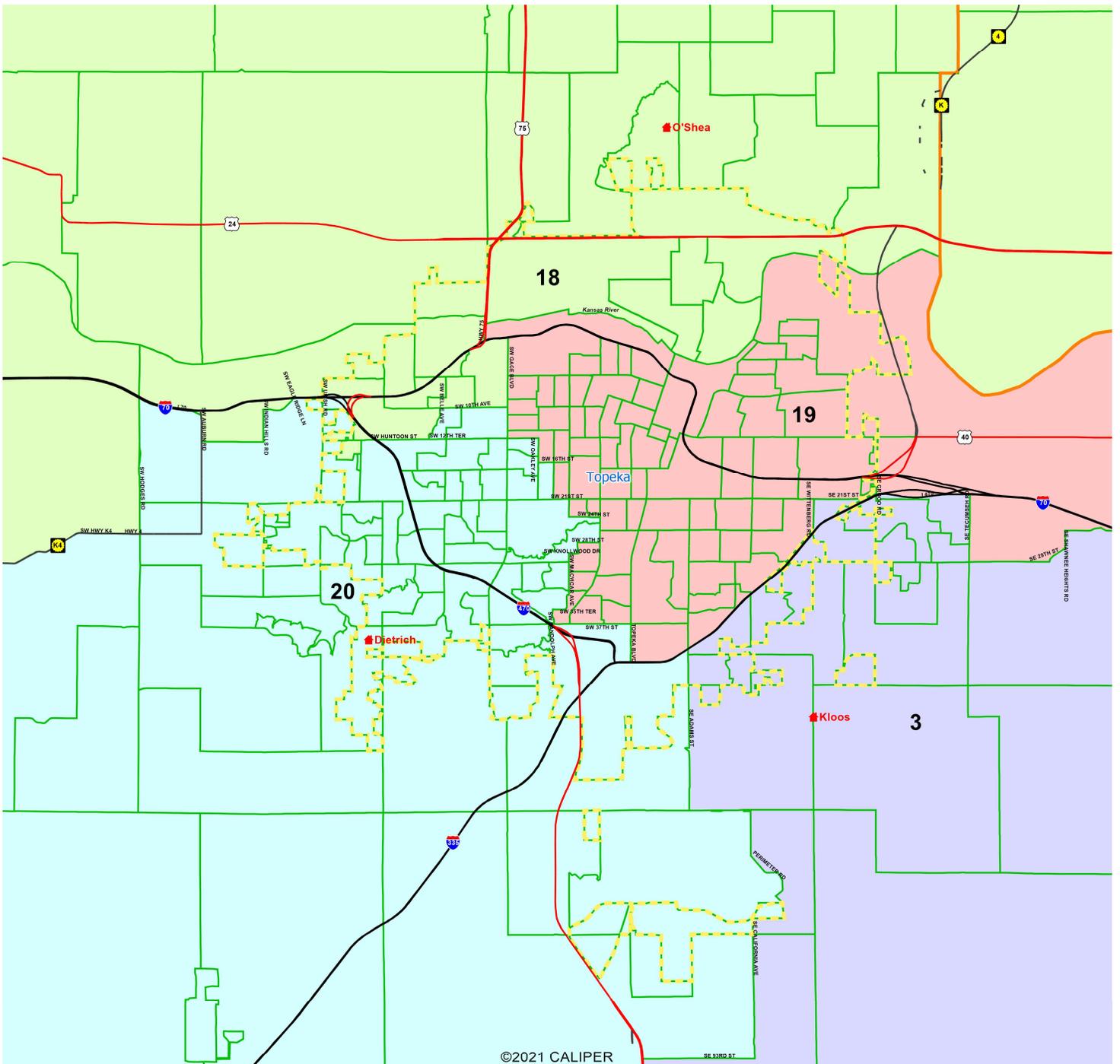


Plan: Liberty_3 for KLRD TR

- Voting District
- Cities class 1 or 2
- County
- Interstate Highways
- U.S. Highways
- State Highways
- Senate Homeseat

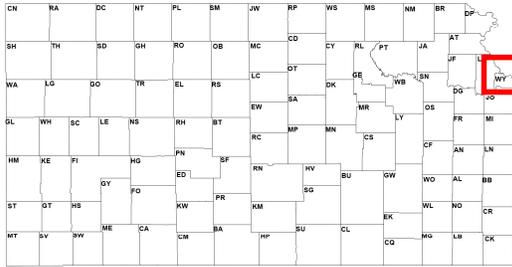
0 1 2 3
Miles

Kansas Legislative Research Dept. 03/15/2022



Liberty_3 for KLRD TR

Leavenworth and Wyandotte Counties

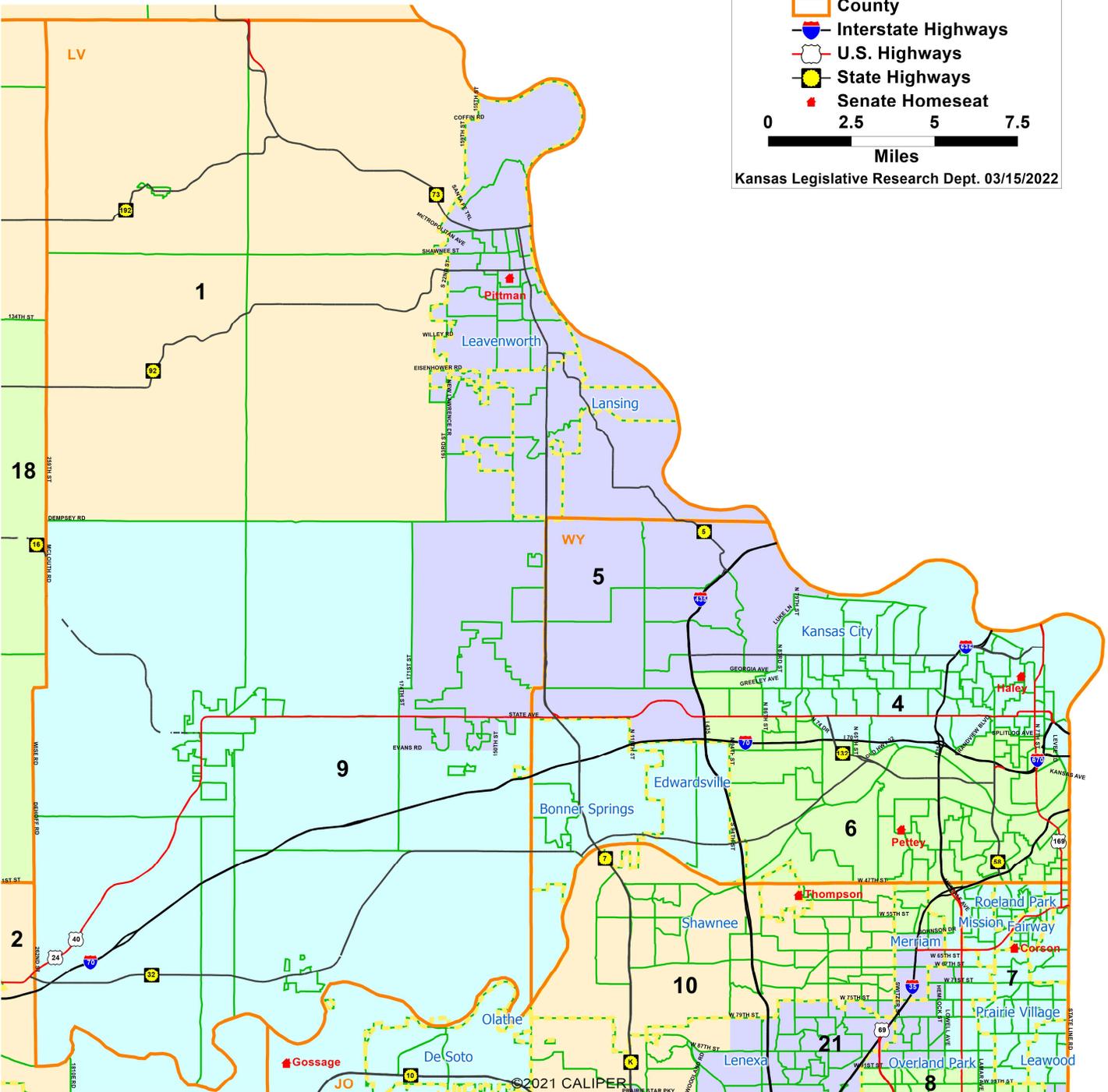


Plan: Liberty_3 for KLRD TR

- Voting District
- Cities class 1 or 2
- County
- Interstate Highways
- U.S. Highways
- State Highways
- Senate Homeseat



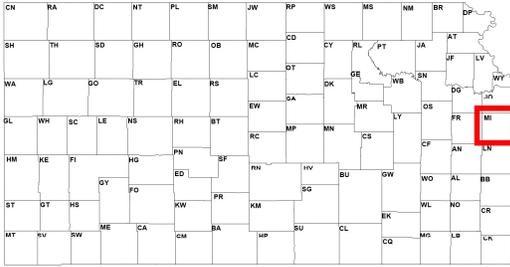
Kansas Legislative Research Dept. 03/15/2022



Liberty_3 for KLRD TR

Miami County

Page 9 of 10

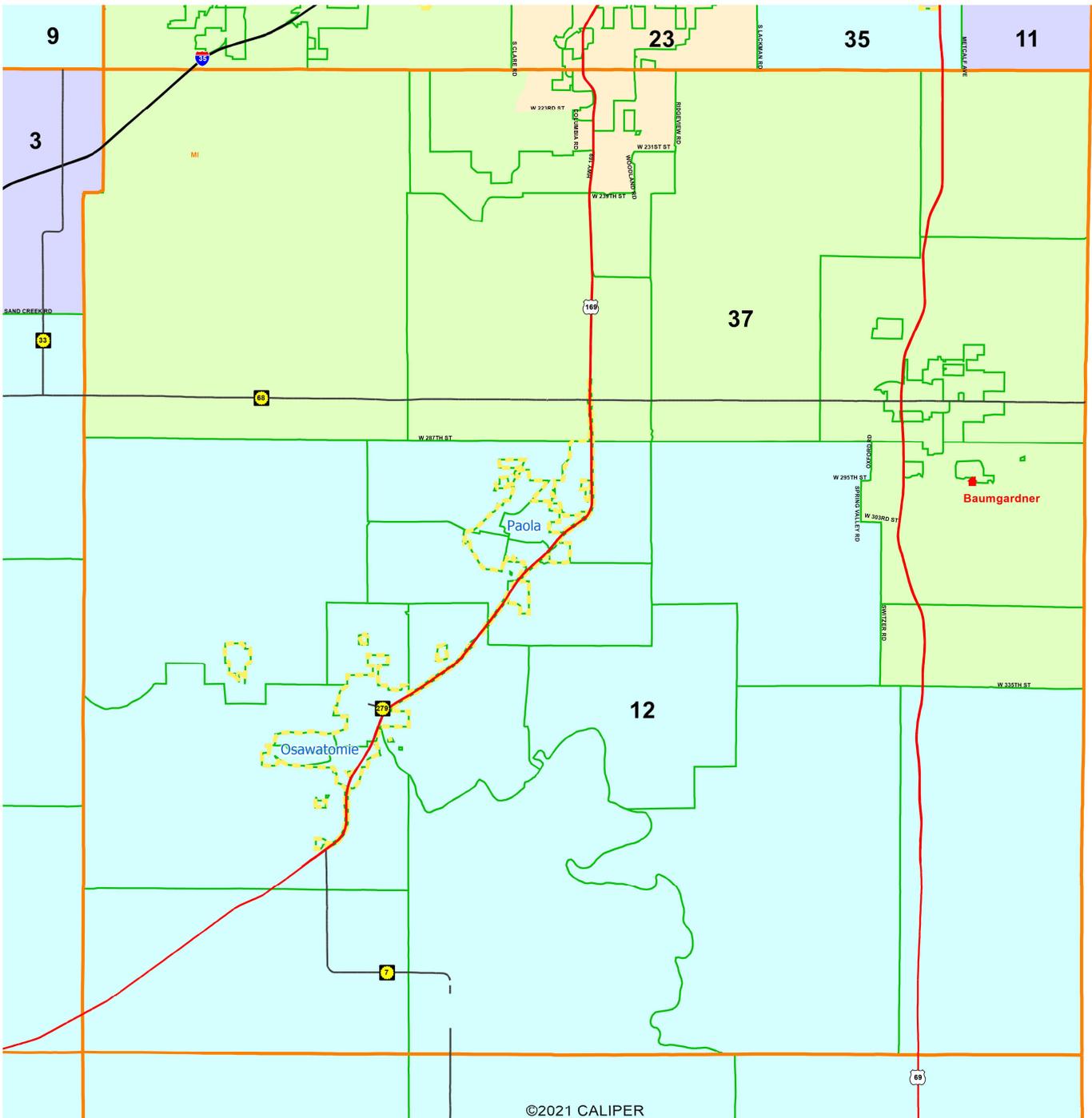


Plan: Liberty_3 for KLRD TR

- Voting District
- Cities class 1 or 2
- County
- Interstate Highways
- U.S. Highways
- State Highways
- Senate Homeseat

0 2 4 6
Miles

Kansas Legislative Research Dept. 03/15/2022



Plan: Liberty_3 for KLRD TR

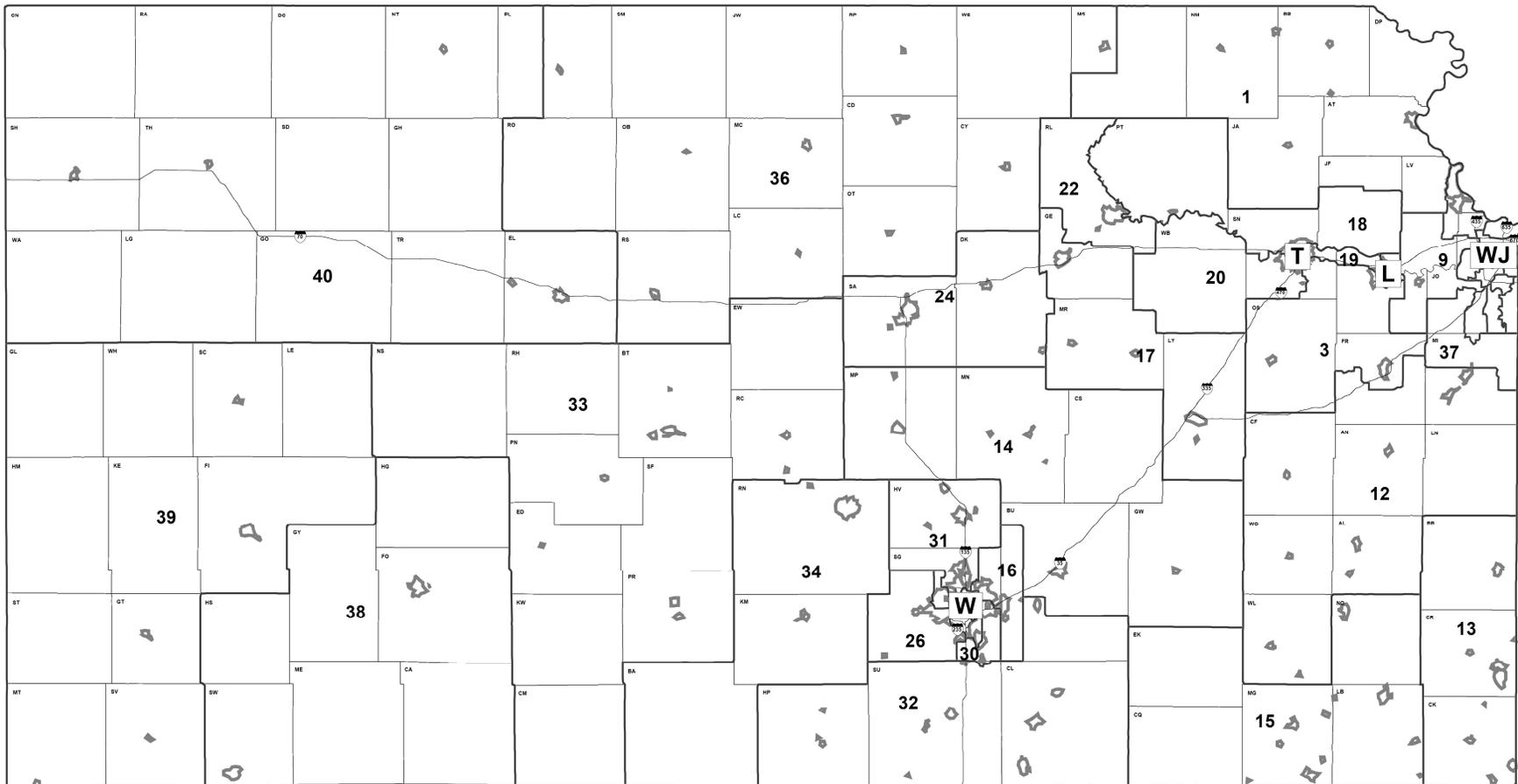
-  County
-  Districts
-  Cities class 1 or 2
-  Interstate Highways



Kansas Legislative Research Dept. 03/15/22

Liberty_3 for KLRD TR

NOTE: In some urban areas, district boundaries cannot be shown at this scale. For these urban districts, see the key below the map.



©2021 CALIPER

W= Wichita districts 16, 25-31

T=Topeka districts 18-20

L=Lawrence districts 2, 3, 19

WJ=Wyandotte and Johnson County districts 4-11, 21, 23, 35, 37

User: Mike Pirner

Plan Name: Liberty_3 for KLRD TR

Plan Type: Senate

Population Summary

Monday, March 14, 2022

4:54 PM

District	Population	Deviation	% Devn.
1	71,739	-1,708	-2.33%
2	73,585	138	0.19%
3	70,949	-2,498	-3.40%
4	73,501	54	0.07%
5	76,345	2,898	3.95%
6	72,548	-899	-1.22%
7	75,349	1,902	2.59%
8	73,777	330	0.45%
9	74,290	843	1.15%
10	75,066	1,619	2.20%
11	73,908	461	0.63%
12	72,409	-1,038	-1.41%
13	72,694	-753	-1.03%
14	75,369	1,922	2.62%
15	73,436	-11	-0.01%
16	74,139	692	0.94%
17	74,304	857	1.17%
18	73,947	500	0.68%
19	73,960	513	0.70%
20	73,301	-146	-0.20%
21	74,509	1,062	1.45%
22	71,959	-1,488	-2.03%
23	72,806	-641	-0.87%
24	72,705	-742	-1.01%
25	73,707	260	0.35%
26	73,190	-257	-0.35%
27	72,864	-583	-0.79%
28	72,346	-1,101	-1.50%
29	75,016	1,569	2.14%
30	72,079	-1,368	-1.86%
31	74,249	802	1.09%
32	75,319	1,872	2.55%
33	73,477	30	0.04%
34	73,596	149	0.20%
35	73,789	342	0.47%
36	71,799	-1,648	-2.24%
37	71,781	-1,666	-2.27%
38	73,453	6	0.01%

District	Population	Deviation	% Devn.
39	72,519	-928	-1.26%
40	72,101	-1,346	-1.83%

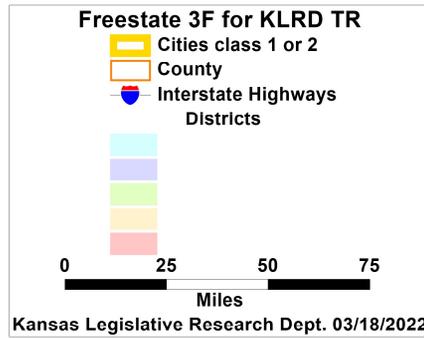
Total Population: 2,937,880

Ideal District Population: 73,447

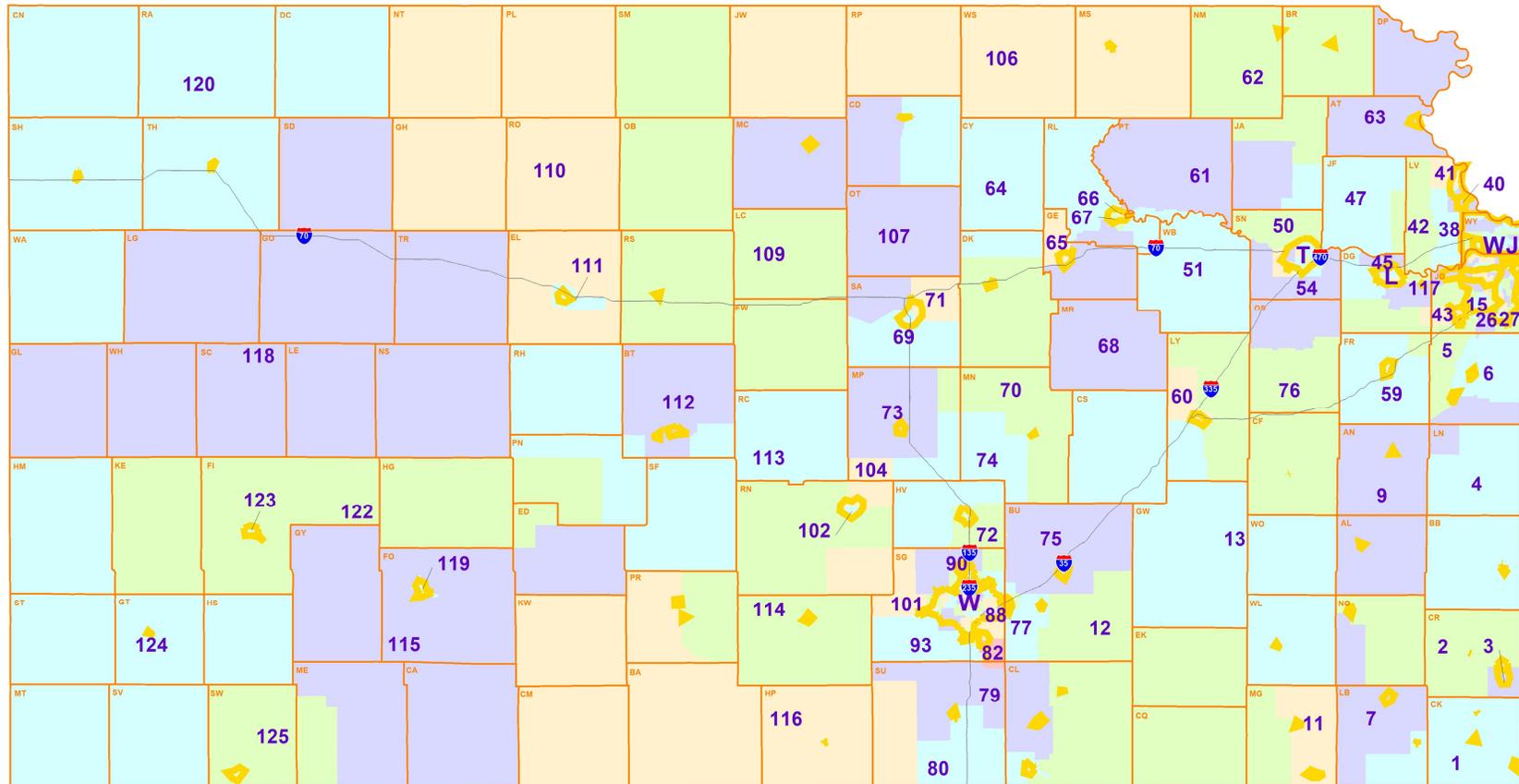
Summary Statistics:

Population Range: 70,949 to 76,345
Ratio Range: 0.08
Absolute Range: -2,498 to 2,898
Absolute Overall Range: 5,396
Relative Range: -3.00% to 3.95%
Relative Overall Range: 7.35%
Absolute Mean Deviation: 941.05
Relative Mean Deviation: 1.28%
Standard Deviation: 1,178.11

Freestate 3F for KLRD TR



NOTE: In urban areas, VTD boundaries and highways have been hidden so that other information can be displayed. Detailed maps of urban areas follow this statewide map.

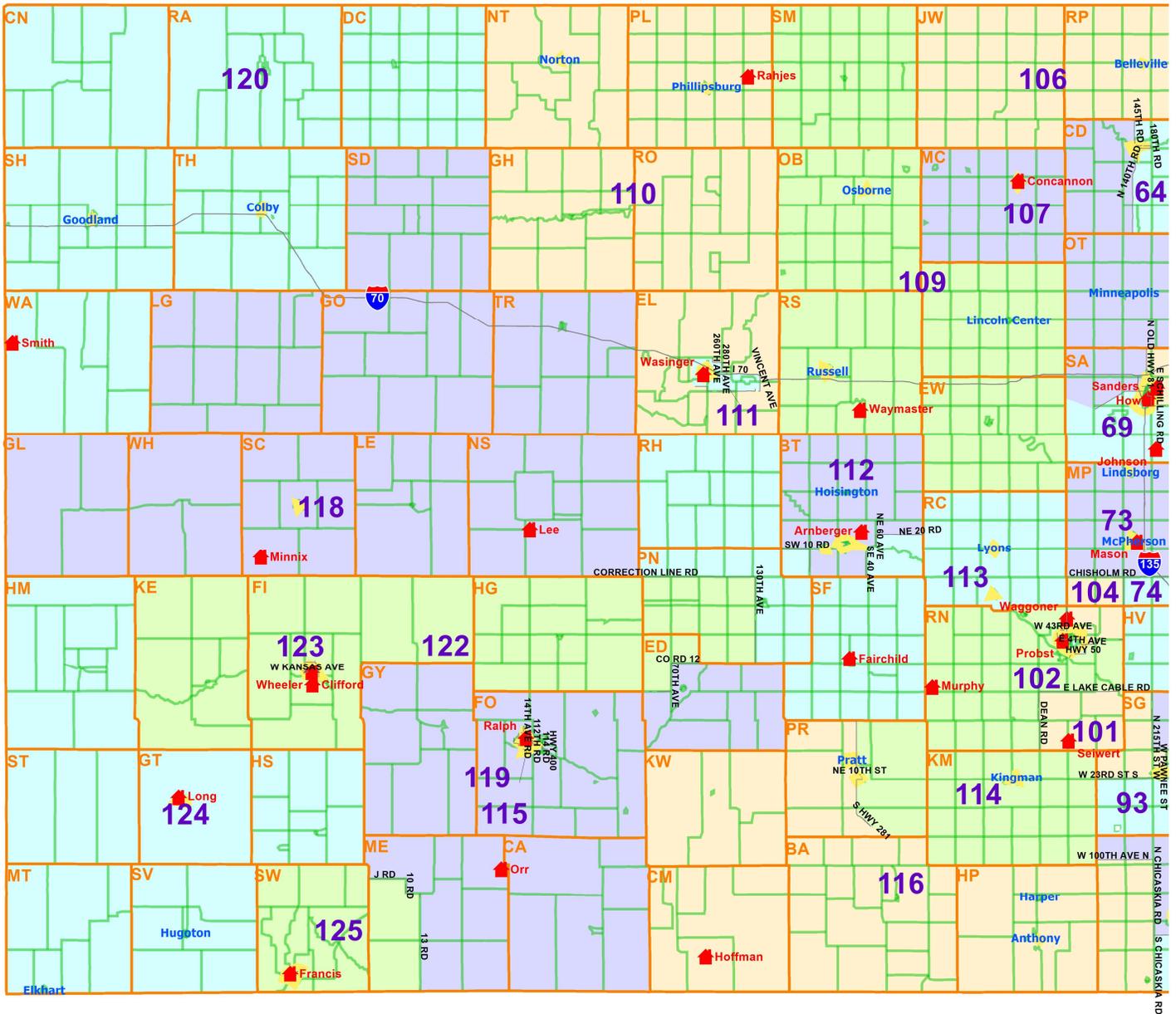
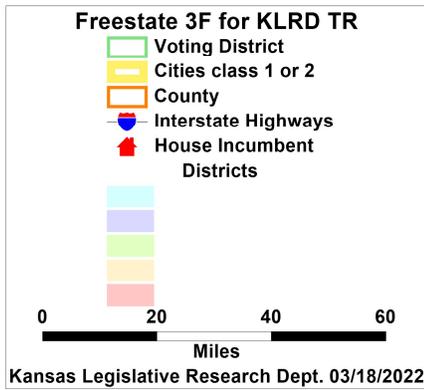


©2021 CALIPER

W=Wichita districts 81-101, 103,105 T=Topeka districts 50,52-58 L=Lawrence districts 10,42,44-47 WJ=Wyandotte and Johnson County districts 5,8,14-37,39,43,48,49,78,108,121

Freestate 3F for KLRD TR

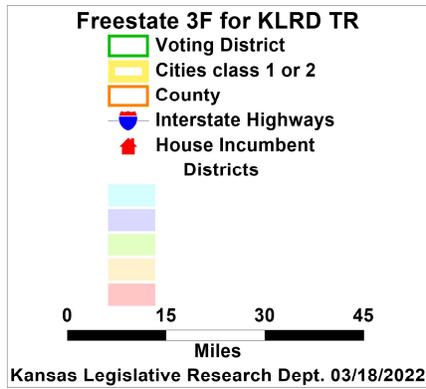
Western Kansas



Freestate 3F for KLRD TR

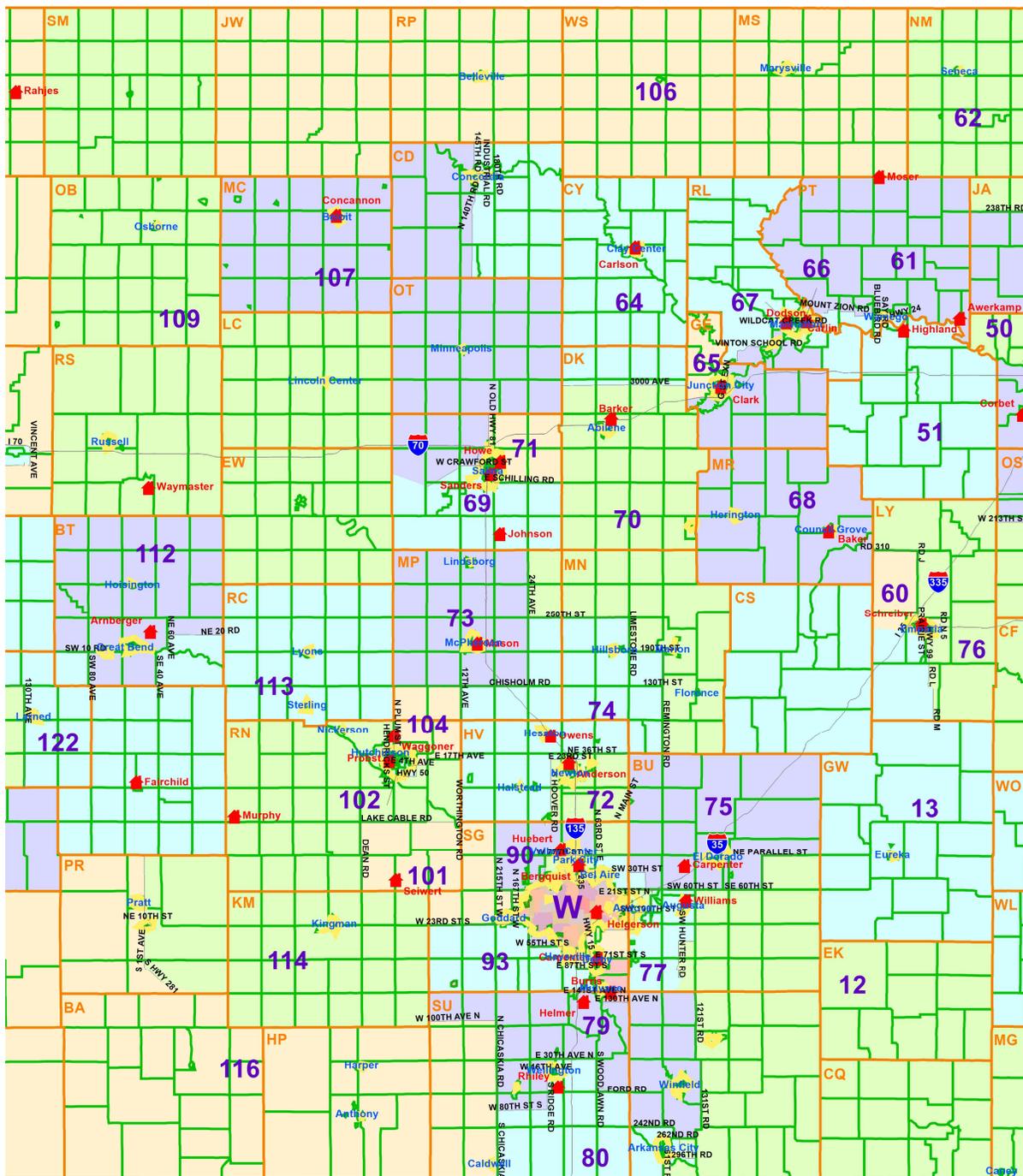
Central Kansas

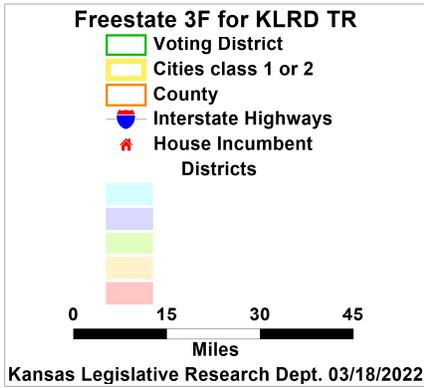
Page 3 of 17



NOTE: In urban areas, VTD boundaries, incumbents, and highways have been hidden so that other information can be displayed. Detailed maps of urban areas follow this statewide map.

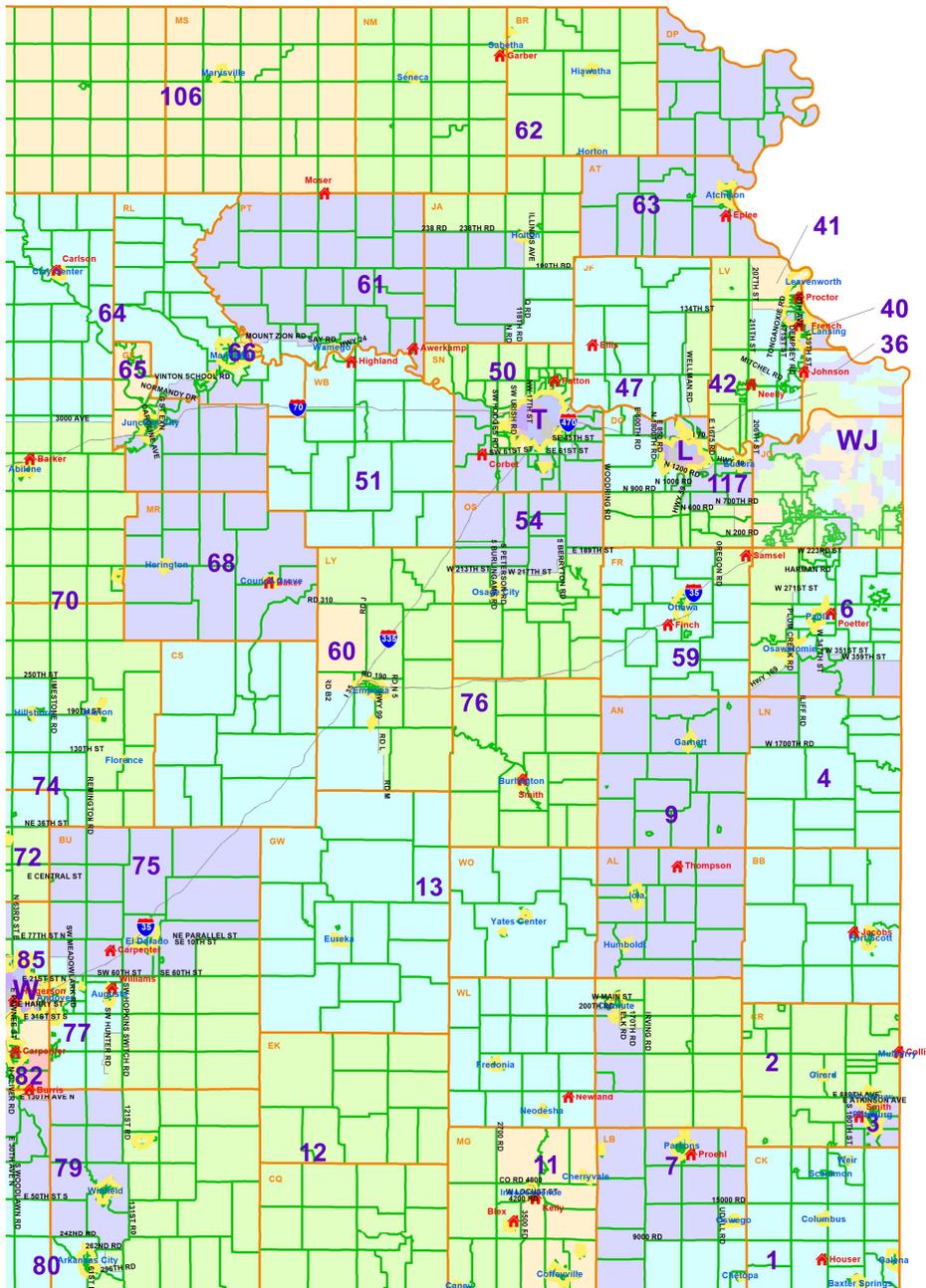
W= Wichita districts 81-101, 103,105





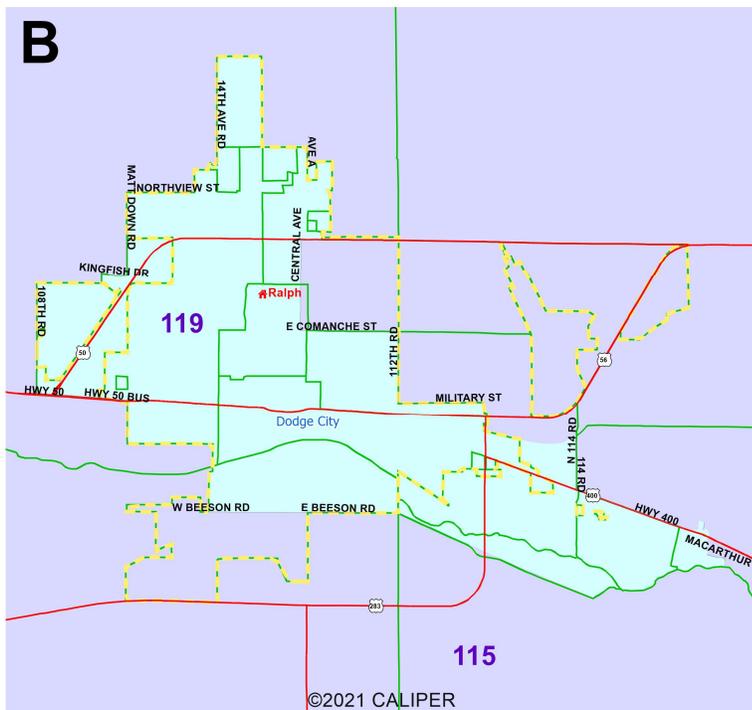
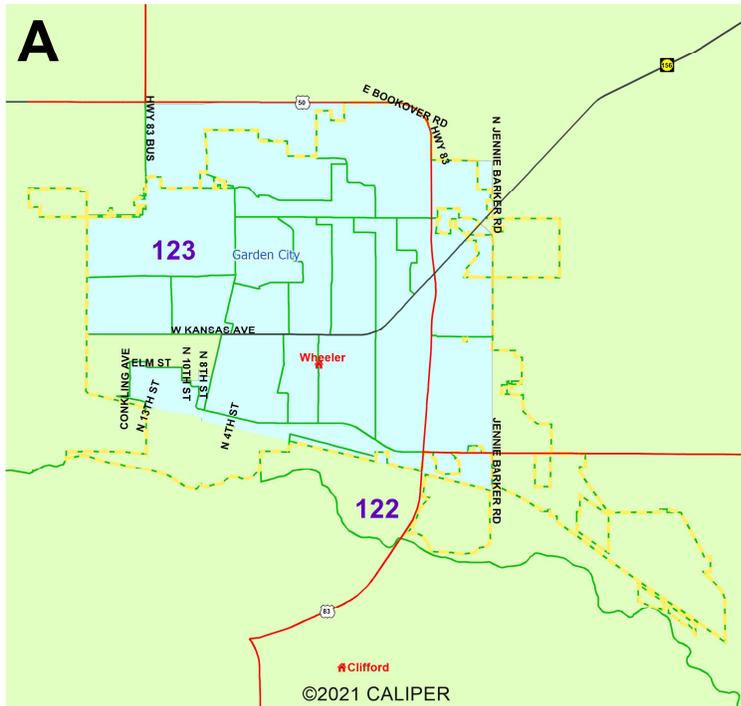
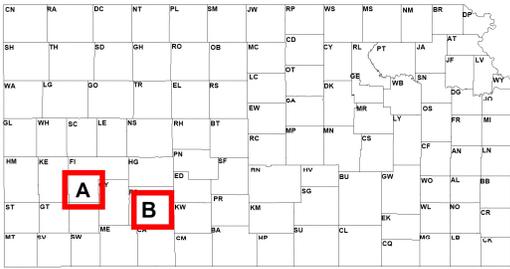
NOTE: In urban areas, VTD boundaries, incumbents, and highways have been hidden so that other information can be displayed. Detailed maps of urban areas follow this map.

T=Topeka districts 50,52-58
L=Lawrence districts 10,42,44-47x
WJ=Wyandotte and Johnson County districts 5,8,14-37,39,43,48,49,78,108,115,121



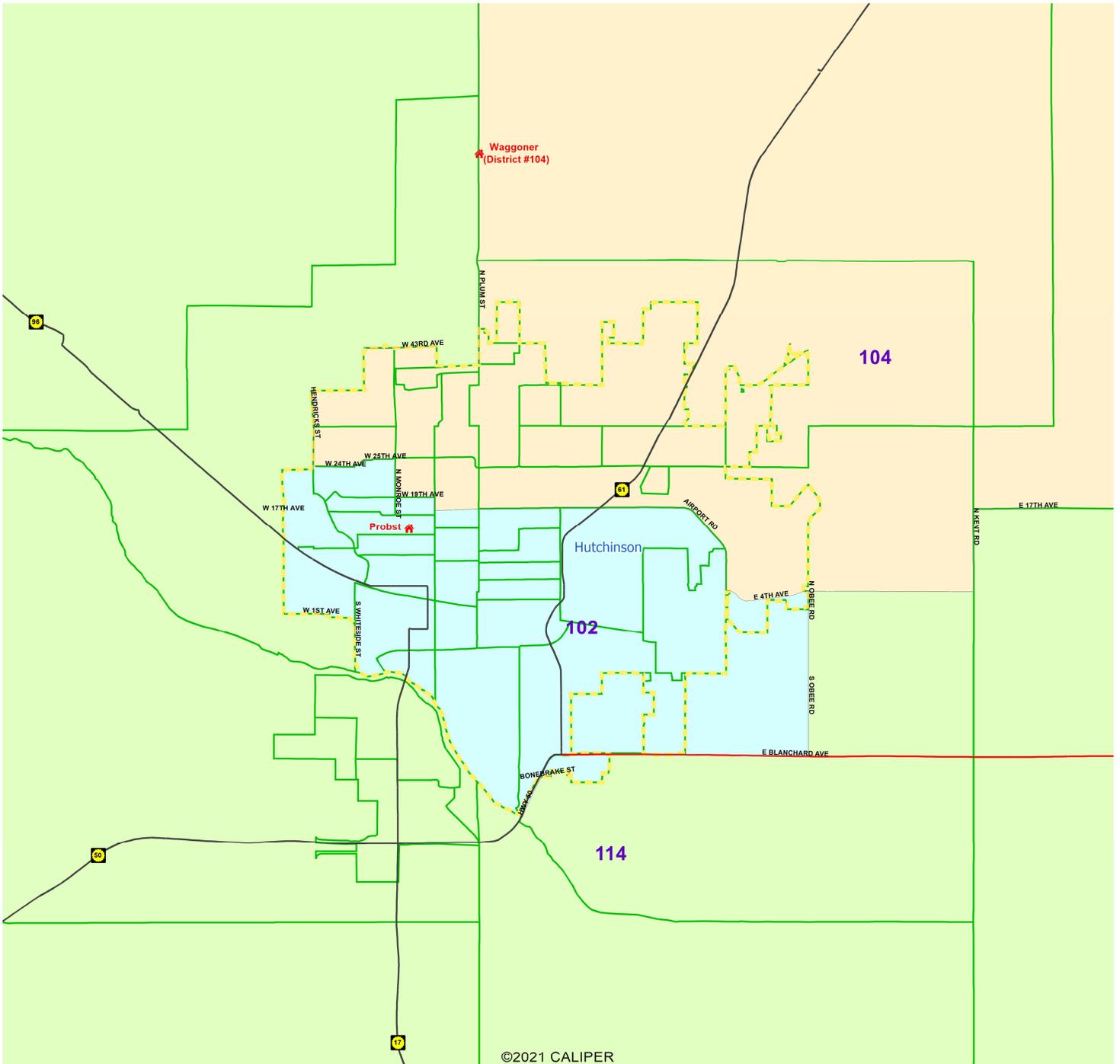
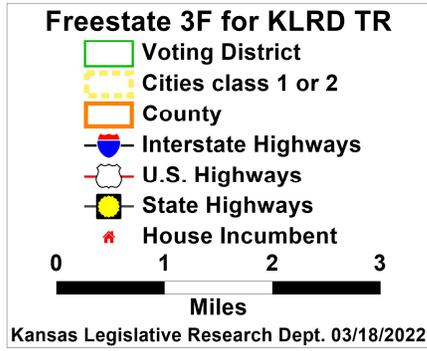
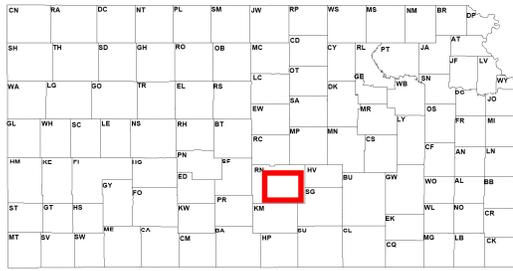
Freestate 3F for KLRD TR

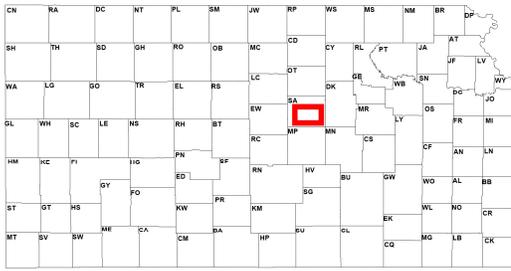
Dodge City and Garden City



Freestate 3F for KLRD TR

Hutchinson
Page 6 of 17





Freestate 3F for KLRD TR

- Voting District
- Cities class 1 or 2
- County
- Interstate Highways
- U.S. Highways
- State Highways
- House Incumbent

0 .5 1 1.5

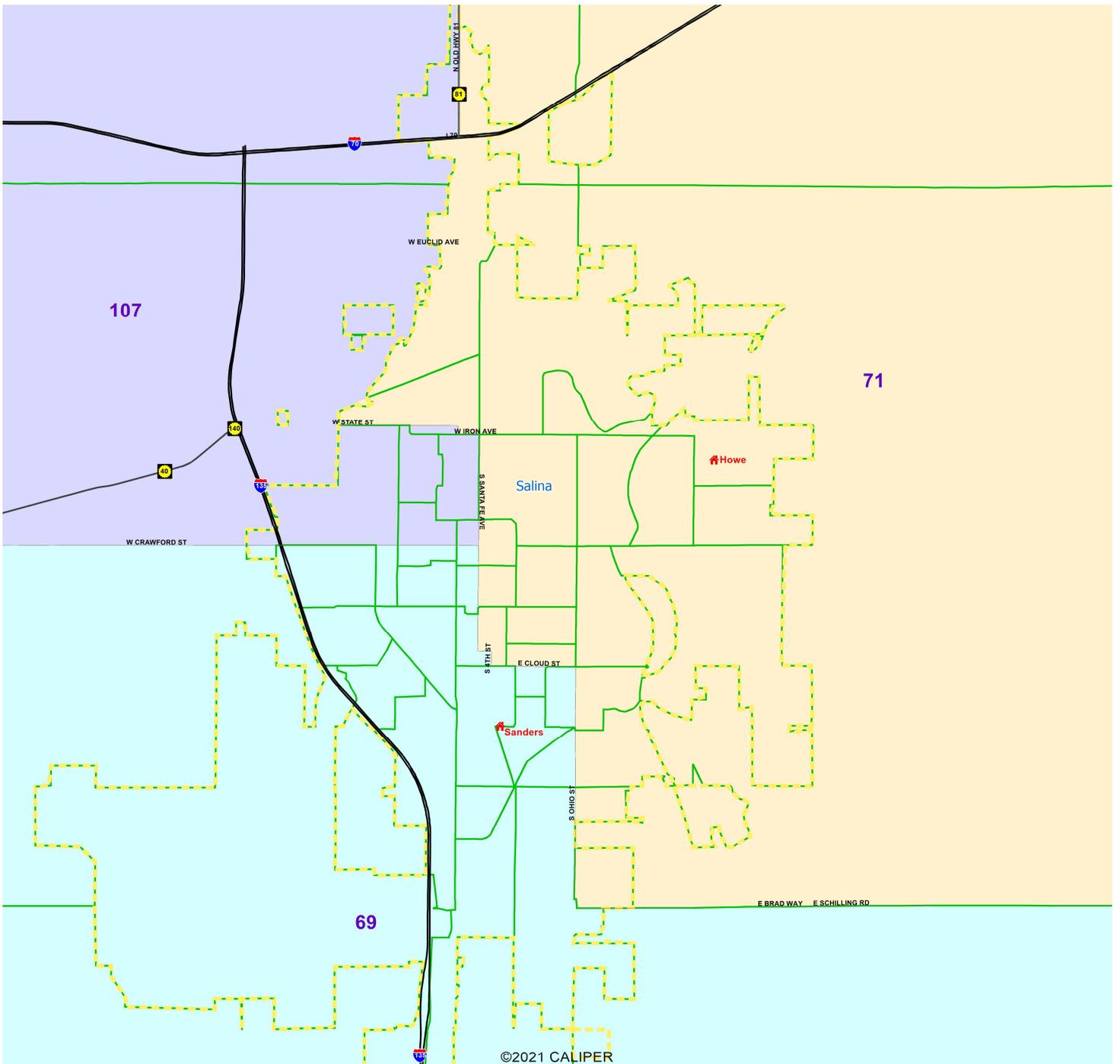
Miles

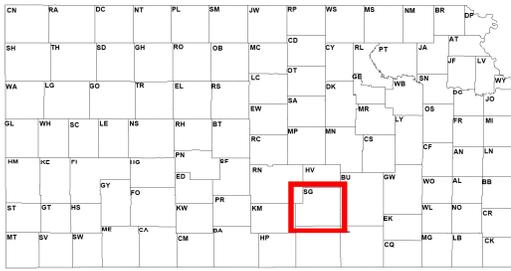
Kansas Legislative Research Dept. 03/18/2022

Freestate 3F for KLRD TR

Salina

Page 7 of 17



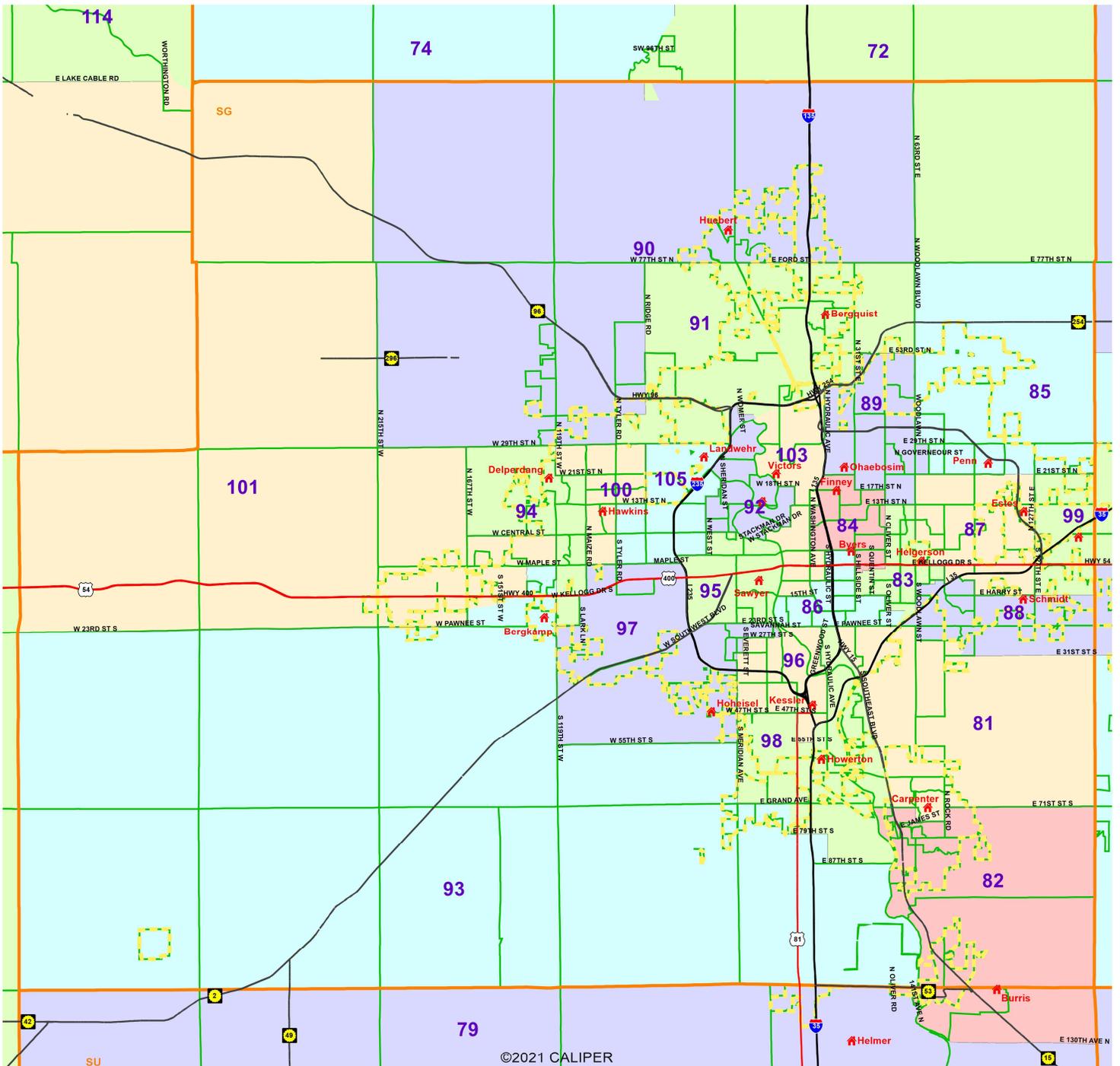


Freestate 3F for KLRD TR

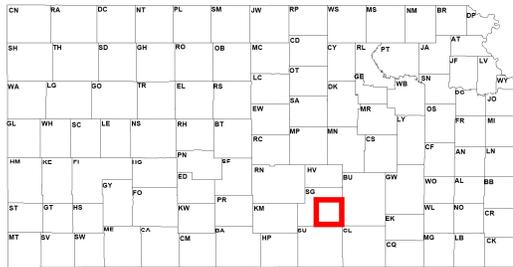
- Voting District
- Cities class 1 or 2
- County
- Interstate Highways
- U.S. Highways
- State Highways
- ▲ House Incumbent

0 2.5 5 7.5
Miles

Kansas Legislative Research Dept. 03/18/2022



Freestate 3F for KLRD TR

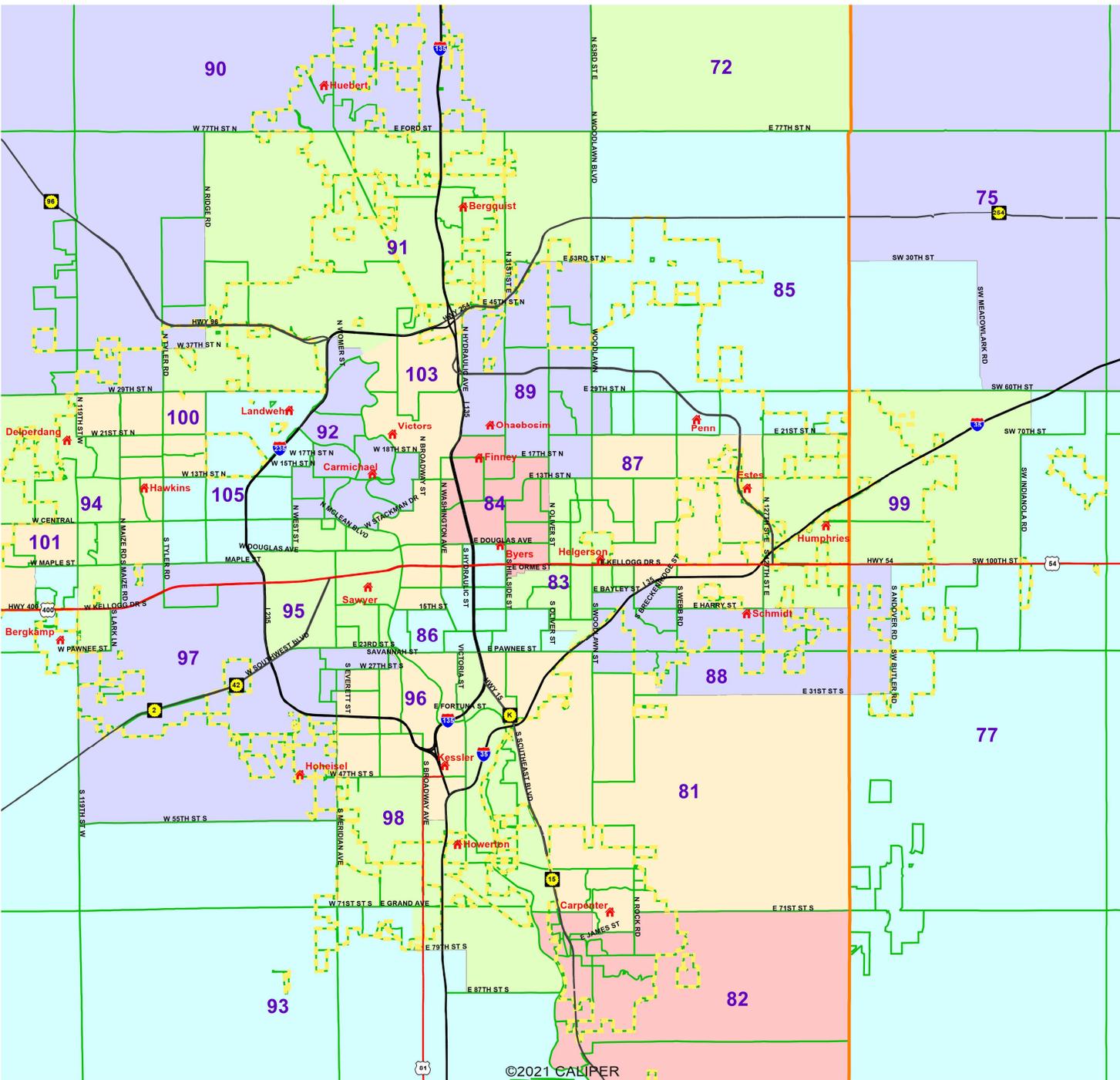


Freestate 3F for KLRD TR

- Voting District
- Cities class 1 or 2
- County
- Interstate Highways
- U.S. Highways
- State Highways
- 🏠 House Incumbent

0 2 4 6
Miles

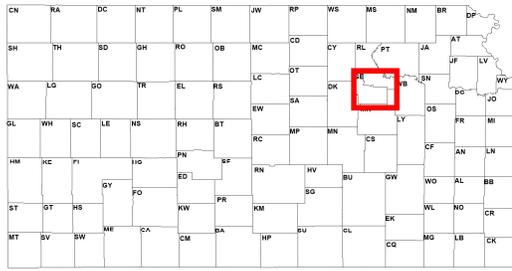
Kansas Legislative Research Dept. 03/18/2022



Freestate 3F for KLRD TR

Manhattan and Junction City

Page 10 of 17



Freestate 3F for KLRD TR

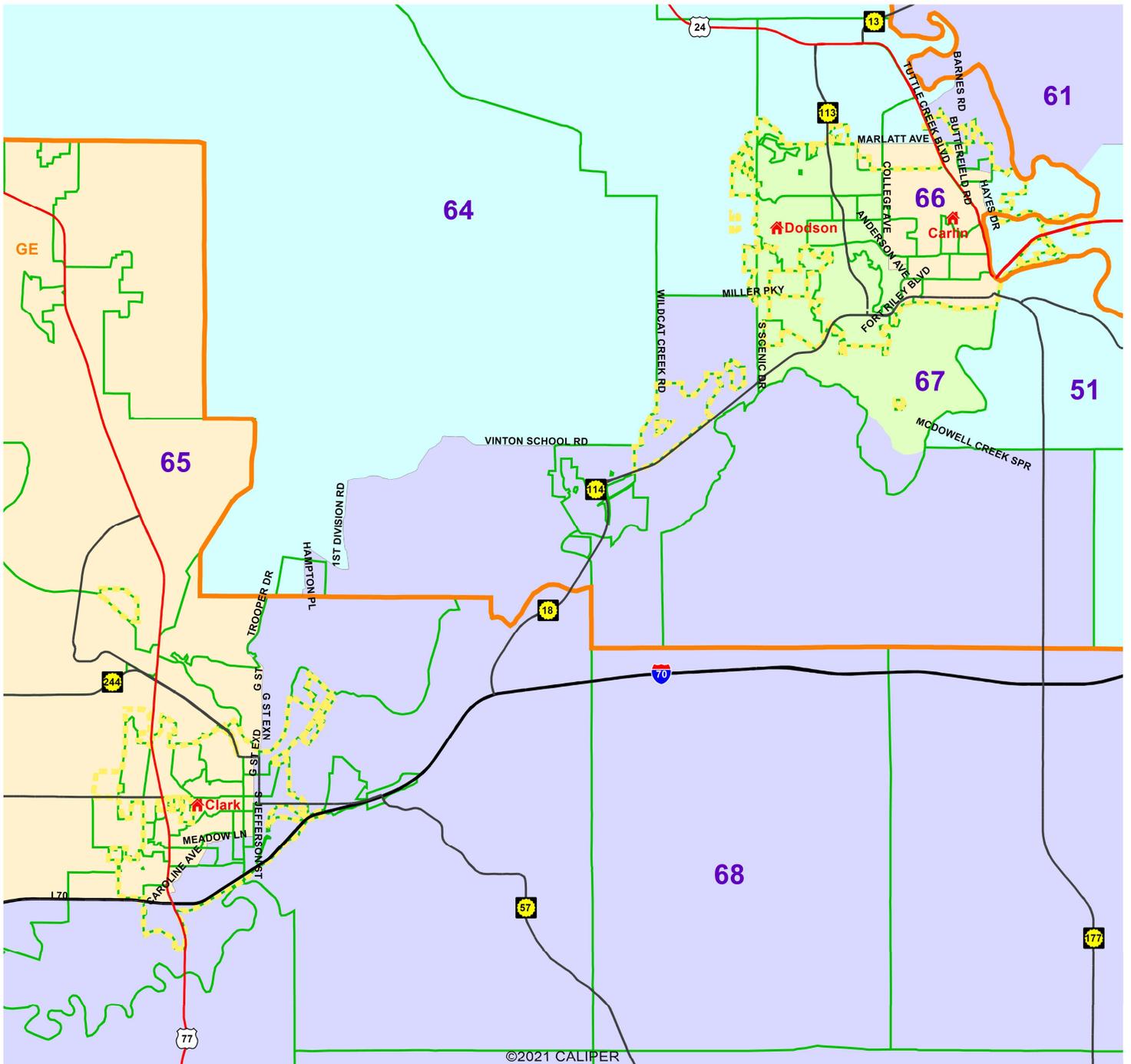
- Voting District
- Cities class 1 or 2
- County
- Interstate Highways
- U.S. Highways
- State Highways
- House Incumbent

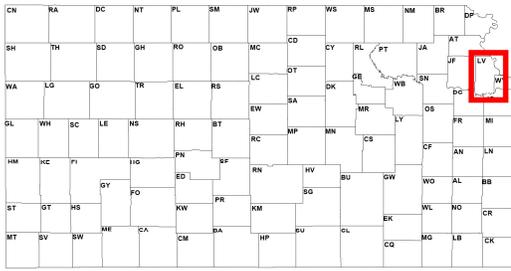
0 1.5 3 4.5



Miles

Kansas Legislative Research Dept. 03/18/2022



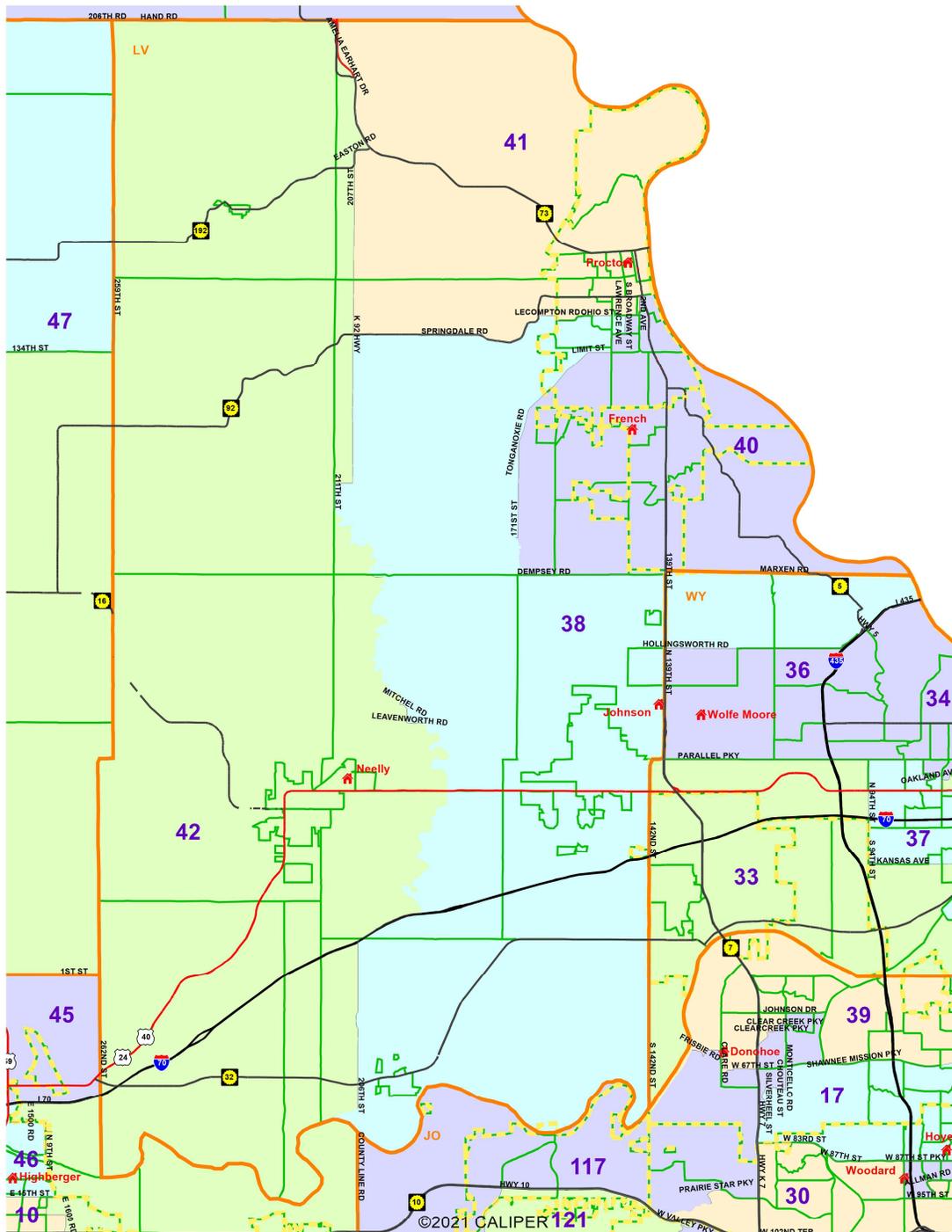


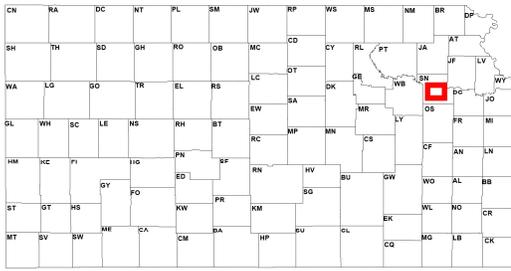
Freestate 3F for KLRD TR

- Voting District
- Cities class 1 or 2
- County
- Interstate Highways
- U.S. Highways
- State Highways
- ▲ House Incumbent

0 2.5 5 7.5
Miles

Kansas Legislative Research Dept. 03/18/2022





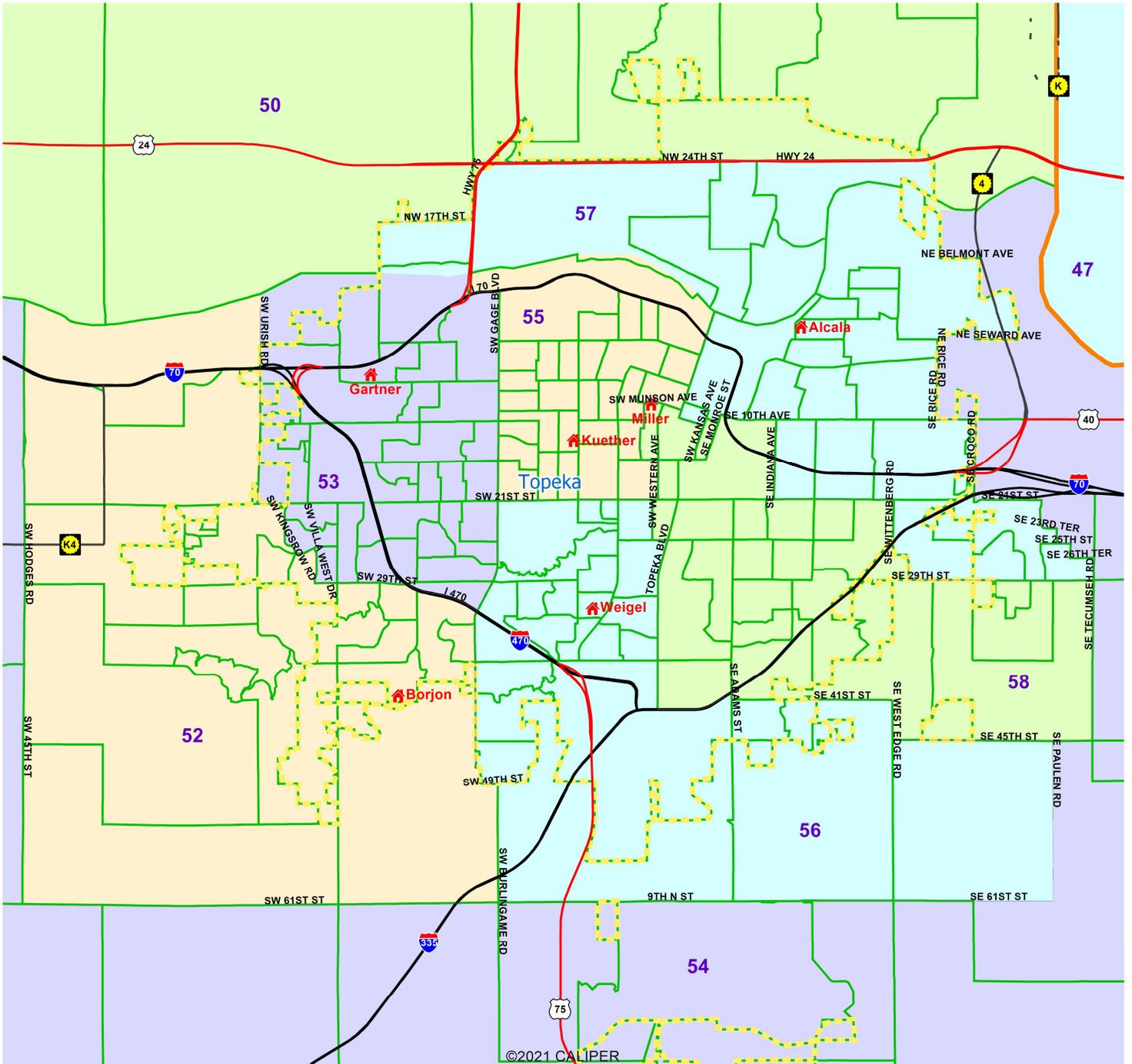
Freestate 3F for KLRD TR

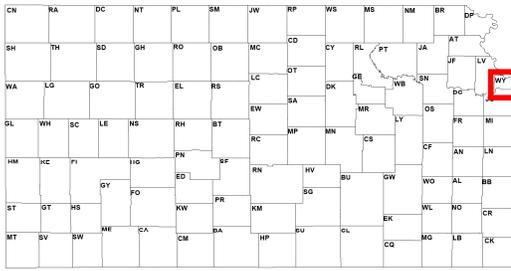
- Voting District
- Cities class 1 or 2
- County
- Interstate Highways
- U.S. Highways
- State Highways
- 🏠 House Incumbent

0 1 2 3

Miles

Kansas Legislative Research Dept. 03/18/2022



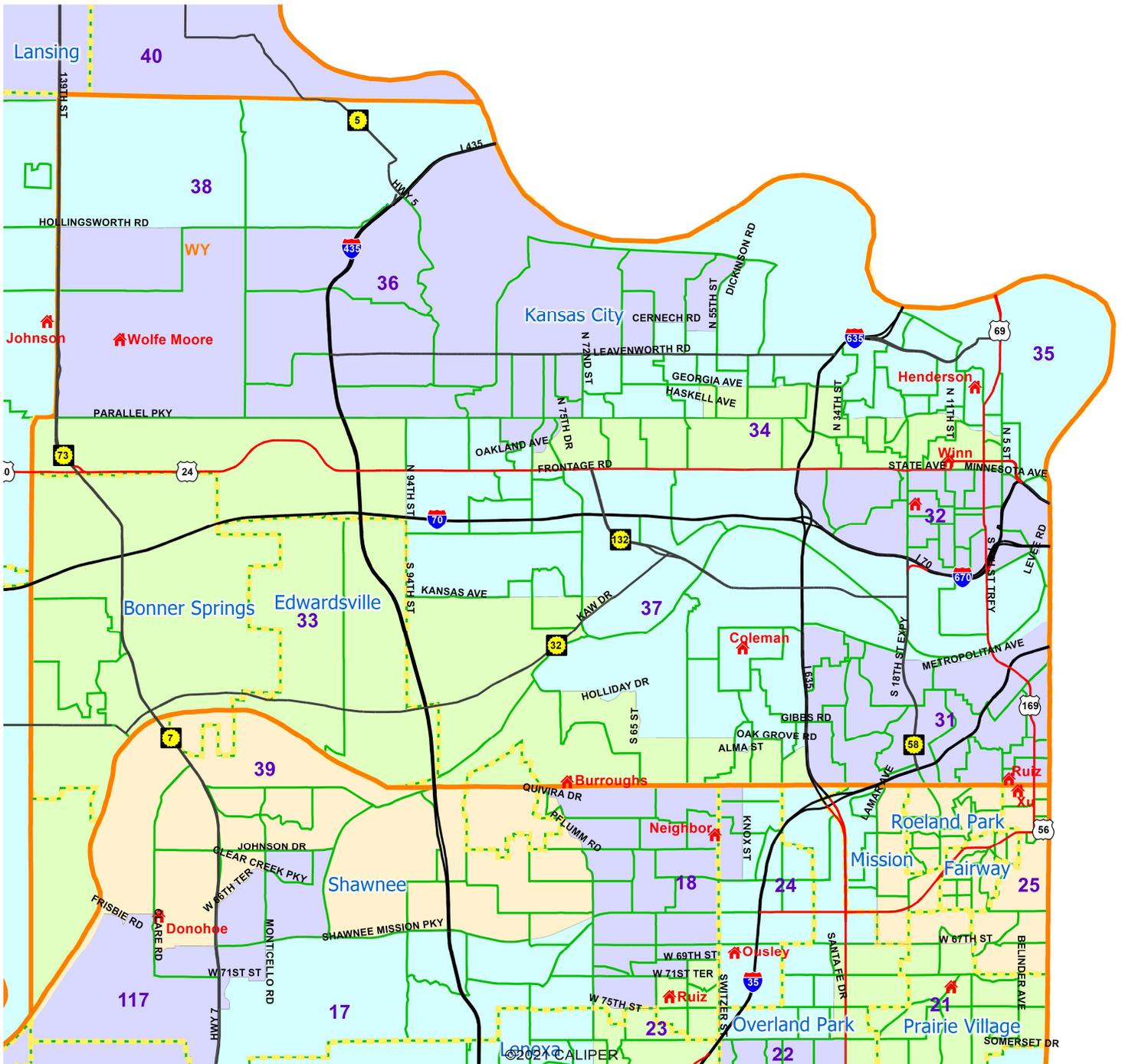


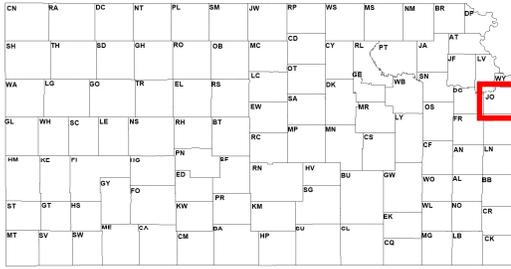
Freestate 3F for KLRD TR

- Voting District
- Cities class 1 or 2
- County
- Interstate Highways
- U.S. Highways
- State Highways
- ▲ House Incumbent

0 1 2 3
Miles

Kansas Legislative Research Dept. 03/18/2022



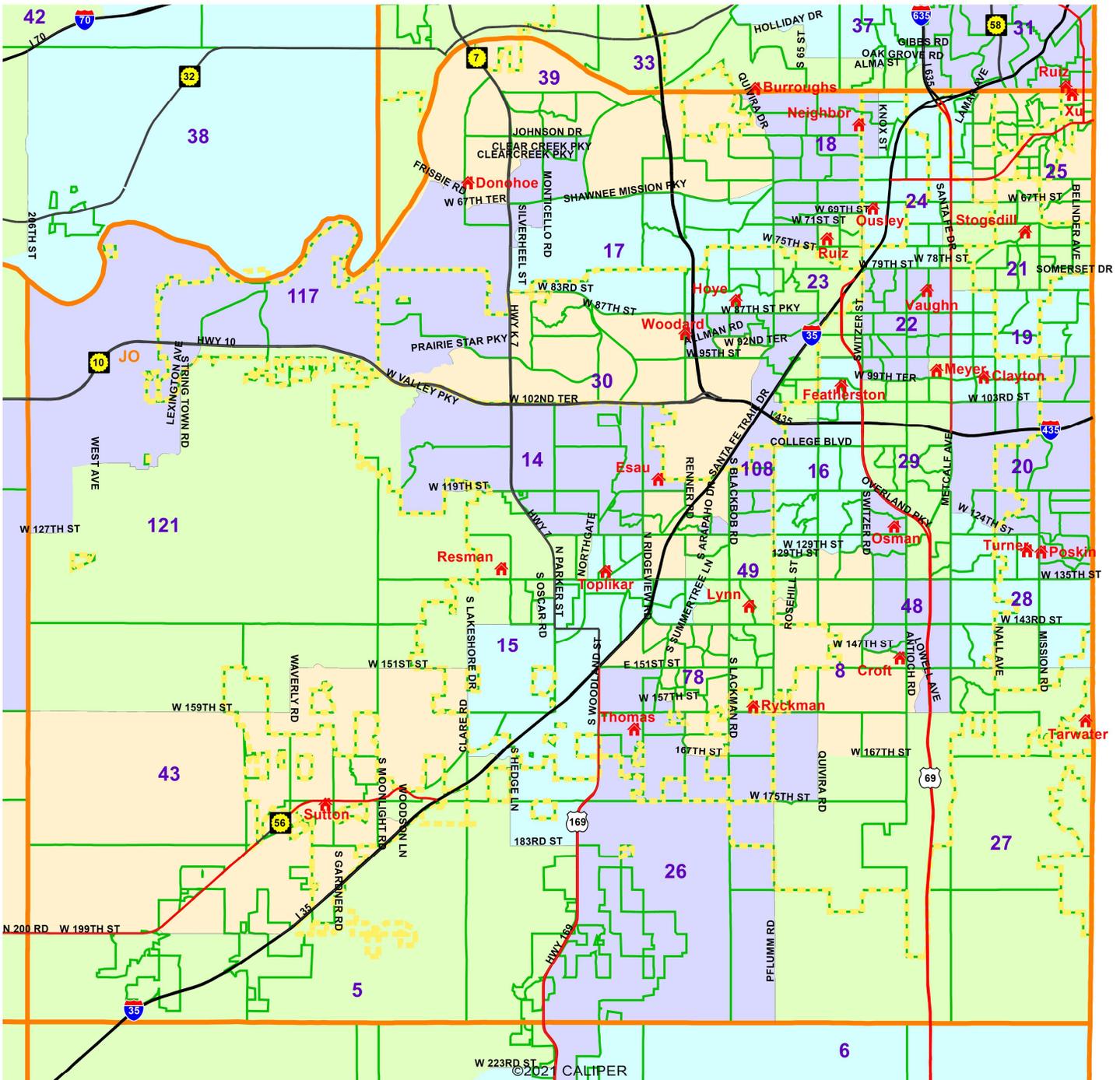


Freestate 3F for KLRD TR

- Voting District
- Cities class 1 or 2
- County
- Interstate Highways
- U.S. Highways
- State Highways
- ↑ House Incumbent

0 2 4 6
Miles

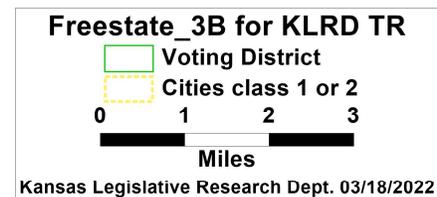
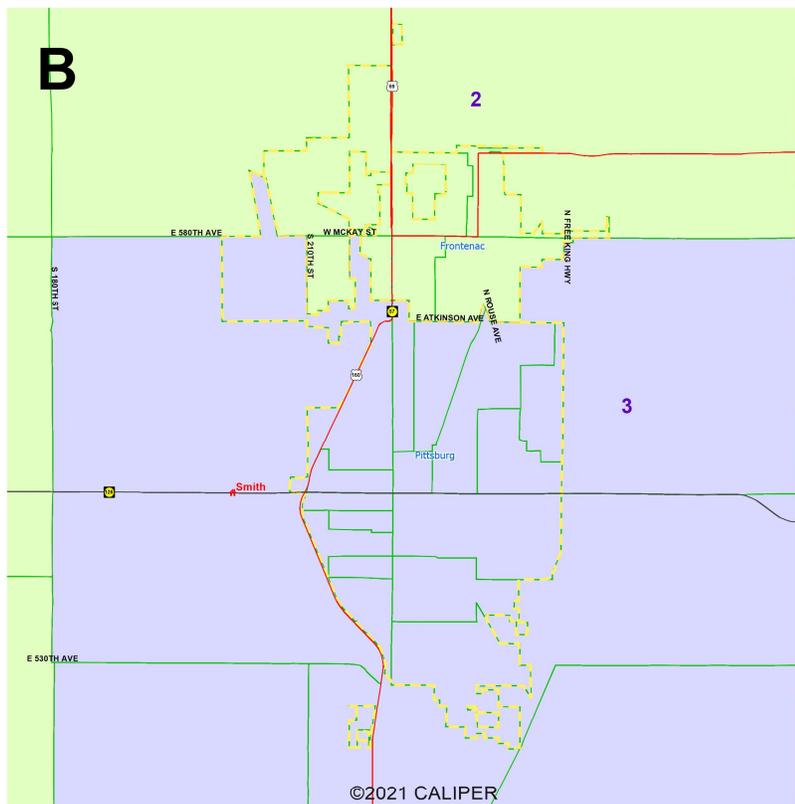
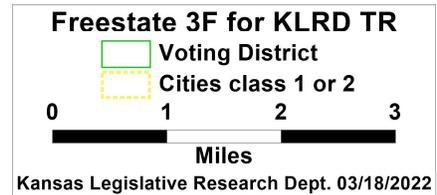
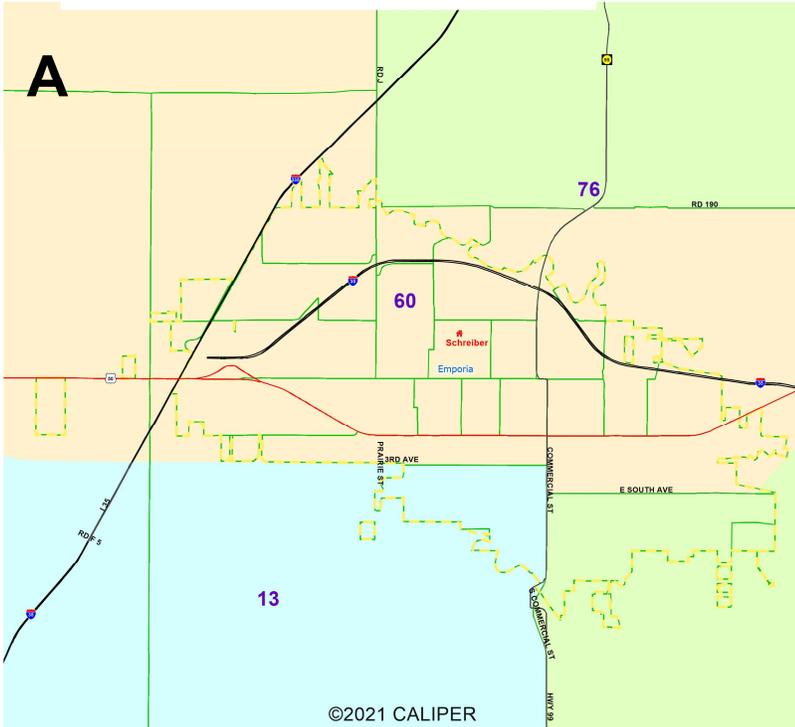
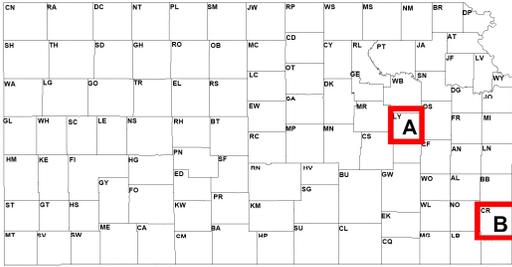
Kansas Legislative Research Dept. 03/18/2022



Freestate 3F for KLRD TR

Emporia and Pittsburg

Page 16 of 17



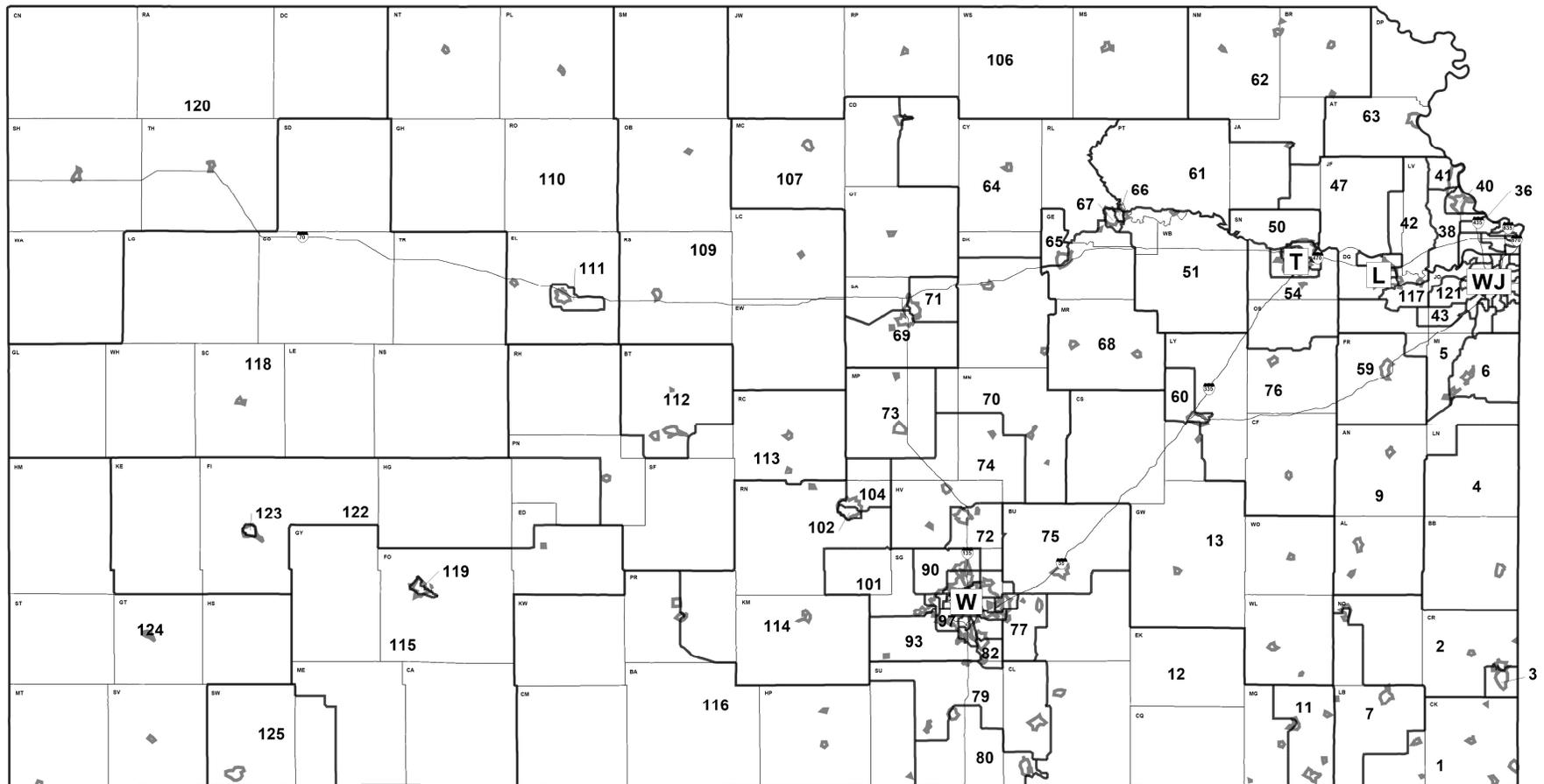
Freestate 3F for KLRD TR

- County
- Cities class 1 or 2
- Interstate Highways

0 25 50 75
Miles

Kansas Legislative Research Dept. 03/18/2022

NOTE: In some urban areas, district boundaries cannot be shown at this scale. For these urban districts, see the key below the map.



©2021 CALIPER

W= Wichita districts 81-101, 103,105 T=Topeka districts 50,52-58 L=Lawrence districts 10,42,44-47 WJ=Wyandotte and Johnson County districts 5,8,14-37,39,43,48,49,78,108,121

User: Rep. Chris Croft

Plan Name: Freestate 3F for KLRD TR

Plan Type: House

Population Summary

Friday, March 18, 2022

12:23 PM

District	Population	Deviation	% Devn.
1	23,705	202	0.86%
2	22,863	-640	-2.72%
3	24,113	610	2.60%
4	23,030	-473	-2.01%
5	23,522	19	0.08%
6	23,102	-401	-1.71%
7	23,741	238	1.01%
8	23,313	-190	-0.81%
9	23,244	-259	-1.10%
10	23,042	-461	-1.96%
11	23,072	-431	-1.83%
12	23,135	-368	-1.57%
13	22,781	-722	-3.07%
14	22,977	-526	-2.24%
15	22,856	-647	-2.75%
16	23,745	242	1.03%
17	23,226	-277	-1.18%
18	23,693	190	0.81%
19	24,080	577	2.46%
20	23,650	147	0.63%
21	23,871	368	1.57%
22	23,899	396	1.68%
23	24,042	539	2.29%
24	23,314	-189	-0.80%
25	24,050	547	2.33%
26	23,543	40	0.17%
27	23,335	-168	-0.71%
28	23,453	-50	-0.21%
29	24,071	568	2.42%
30	23,578	75	0.32%
31	23,924	421	1.79%
32	23,900	397	1.69%
33	24,314	811	3.45%
34	24,230	727	3.09%
35	24,209	706	3.00%
36	23,783	280	1.19%
37	23,201	-302	-1.28%
38	23,097	-406	-1.73%

District	Population	Deviation	% Devn.
39	22,663	-840	-3.57%
40	23,973	470	2.00%
41	23,430	-73	-0.31%
42	23,075	-428	-1.82%
43	23,744	241	1.03%
44	24,346	843	3.59%
45	23,558	55	0.23%
46	23,753	250	1.06%
47	22,746	-757	-3.22%
48	23,506	3	0.01%
49	23,860	357	1.52%
50	23,076	-427	-1.82%
51	22,839	-664	-2.83%
52	23,602	99	0.42%
53	23,144	-359	-1.53%
54	22,912	-591	-2.51%
55	23,517	14	0.06%
56	23,535	32	0.14%
57	23,487	-16	-0.07%
58	23,516	13	0.06%
59	22,916	-587	-2.50%
60	22,790	-713	-3.03%
61	23,108	-395	-1.68%
62	23,099	-404	-1.72%
63	23,858	355	1.51%
64	23,186	-317	-1.35%
65	23,511	8	0.03%
66	24,145	642	2.73%
67	23,696	193	0.82%
68	23,694	191	0.81%
69	24,131	628	2.67%
70	22,912	-591	-2.51%
71	24,005	502	2.14%
72	23,363	-140	-0.60%
73	23,632	129	0.55%
74	22,927	-576	-2.45%
75	23,998	495	2.11%
76	23,181	-322	-1.37%
77	24,094	591	2.51%
78	23,056	-447	-1.90%
79	23,609	106	0.45%
80	23,973	470	2.00%

District	Population	Deviation	% Devn.
81	23,040	-463	-1.97%
82	23,223	-280	-1.19%
83	24,120	617	2.63%
84	23,539	36	0.15%
85	23,565	62	0.26%
86	24,159	656	2.79%
87	23,768	265	1.13%
88	23,527	24	0.10%
89	24,153	650	2.77%
90	23,547	44	0.19%
91	24,248	745	3.17%
92	23,647	144	0.61%
93	22,688	-815	-3.47%
94	23,075	-428	-1.82%
95	23,956	453	1.93%
96	22,823	-680	-2.89%
97	23,588	85	0.36%
98	23,362	-141	-0.60%
99	23,491	-12	-0.05%
100	23,853	350	1.49%
101	23,265	-238	-1.01%
102	23,668	165	0.70%
103	23,991	488	2.08%
104	23,650	147	0.63%
105	23,307	-196	-0.83%
106	23,174	-329	-1.40%
107	24,305	802	3.41%
108	24,157	654	2.78%
109	23,076	-427	-1.82%
110	22,587	-916	-3.90%
111	24,121	618	2.63%
112	22,577	-926	-3.94%
113	23,990	487	2.07%
114	23,846	343	1.46%
115	23,901	398	1.69%
116	23,588	85	0.36%
117	23,087	-416	-1.77%
118	23,583	80	0.34%
119	23,670	167	0.71%
120	23,310	-193	-0.82%
121	23,004	-499	-2.12%
122	22,931	-572	-2.43%

District	Population	Deviation	% Devn.
123	22,957	-546	-2.32%
124	23,685	182	0.77%
125	23,208	-295	-1.26%

Total Population: 2,937,880

Ideal District Population: 23,503

Summary Statistics:

Population Range: 22,577 to 24,346
Ratio Range: 0.08
Absolute Range: -926 to 843
Absolute Overall Range: 1,769
Relative Range: -3.00% to 3.59%
Relative Overall Range: 7.53%
Absolute Mean Deviation: 376.50
Relative Mean Deviation: 1.60%
Standard Deviation: 445.80

Plan: Apple7 for KLRD TR

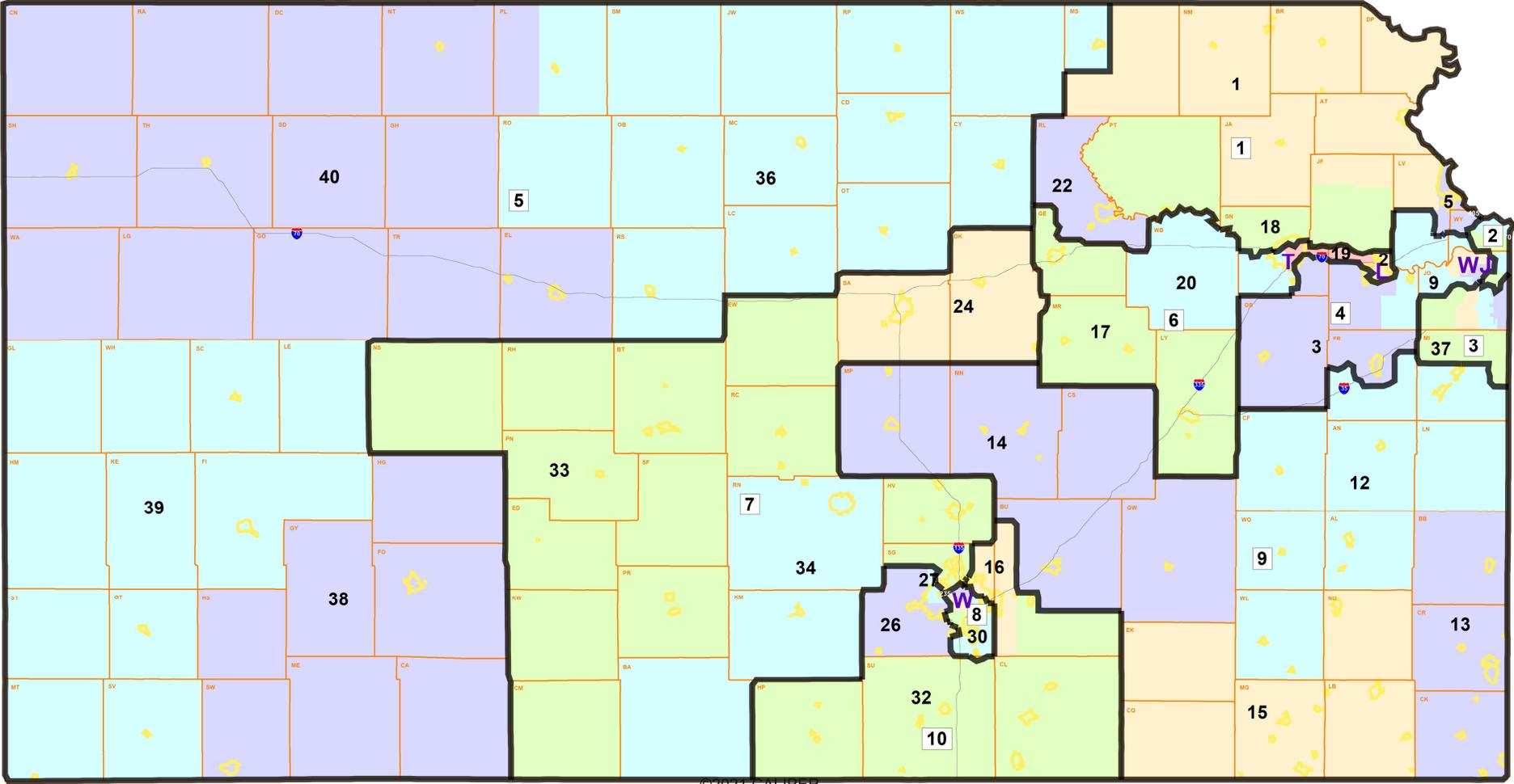
- Cities class 1 or 2
- County
- Interstate Highways
- SBOE Districts
- Senate Districts

Kansas Legislative Research Dept. 03/28/2022

State Board of Education (SBOE) districts are based on Senate districts.

SBOE District	Senate Districts
1	1,5,18,22
2	4,6,7,8
3	11,23,35,37
4	3,9,10,21
5	36,38,39,40
6	2,17,19,20
7	24,31,33,34
8	25,28,29,30
9	12,13,14,15
10	16,26,27,32

NOTE: In urban areas, VTD boundaries and highways have been hidden so that other information can be displayed. Detailed maps of urban areas follow this statewide map.



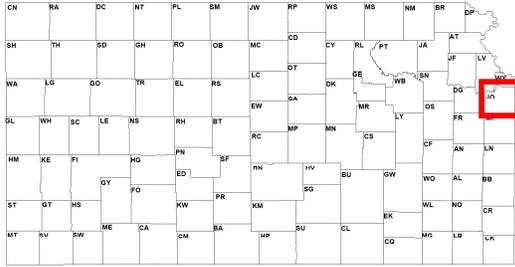
©2021 CALIPER

W= Wichita districts 16, 25-31

T=Topeka districts 18-20

L=Lawrence districts 2, 3, 19

WJ=Wyandotte and Johnson County districts 4-11, 21, 23, 35, 37



Plan: Apple7 for KLRD TR

Apple7 for KLRD TR

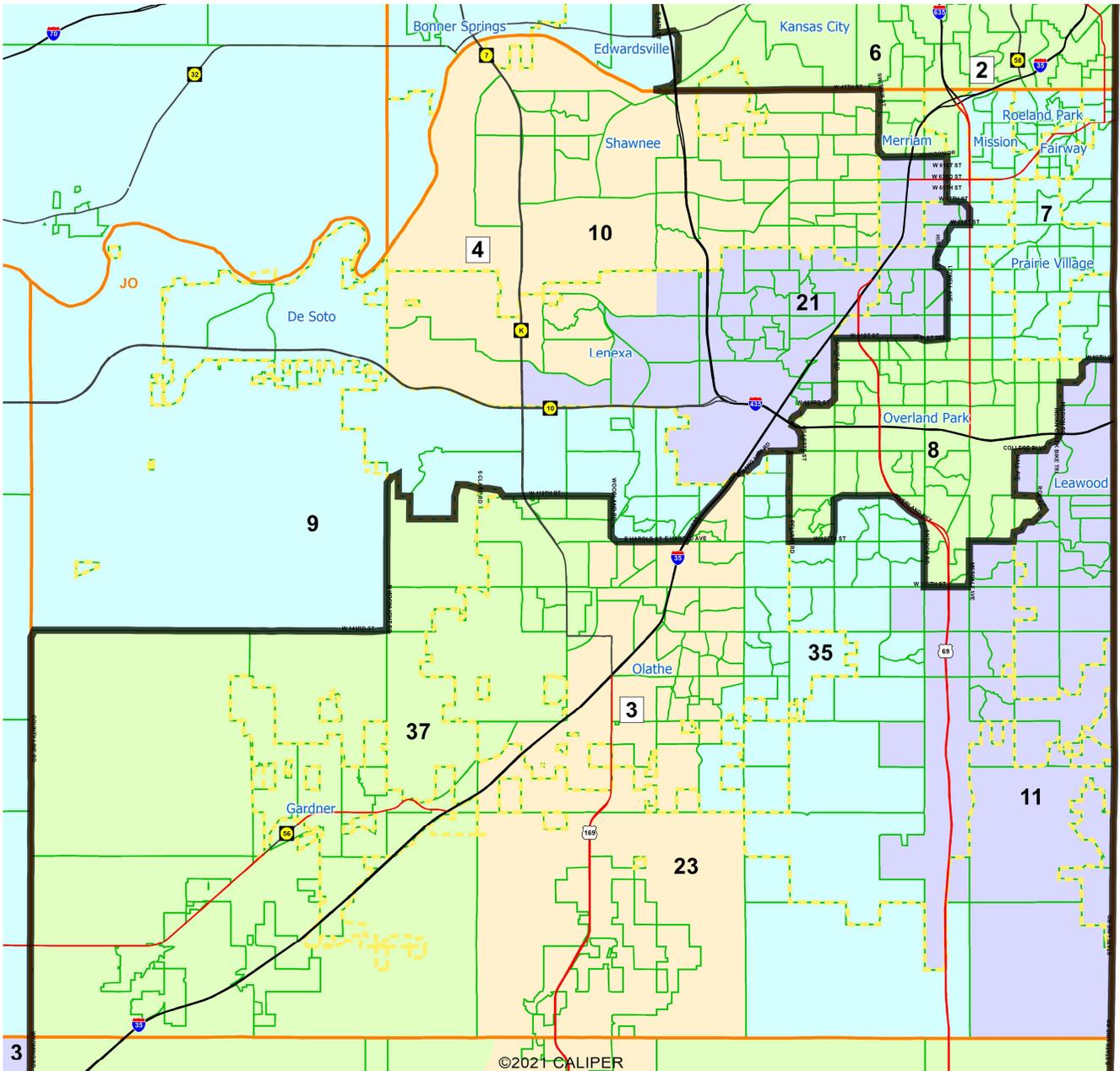
Johnson County

Page 3 of 3

- Voting District
- Cities class 1 or 2
- County
- Interstate Highways
- SBOE Districts
- U.S. Highways
- State Highways
- Senate Districts



Kansas Legislative Research Dept. 03/28/2022



User: Mike Pirner

Plan Name: Apple7 for KLRD TR

Plan Type: SBOE

Error Check Report

Monday, March 28, 2022

6:14 PM

DISTRICT	POPULATION	% DEVIATION	OUTSIDE*
1	293,990	0.07	
2	295,175	0.47	
3	292,284	-0.51	
4	294,814	0.35	
5	289,872	-1.33	
6	295,150	0.46	
7	294,027	0.08	
8	293,148	-0.22	
9	293,908	0.04	
10	295,512	0.59	

Total Population:

2,937,880

*OUTSIDE = Y if the deviation from
the target value is greater than 5%

Number of Districts:

10

Unassigned Units

County	VTD	Block
--------	-----	-------

Number of Units Unassigned: 0

User: Mike Pirner

Plan Name: Apple7 for KLRD TR

Plan Type: SBOE

Population Summary

Monday, March 28, 2022

6:16 PM

District	Population	Deviation	% Devn.
1	293,990	202	0.07%
2	295,175	1,387	0.47%
3	292,284	-1,504	-0.51%
4	294,814	1,026	0.35%
5	289,872	-3,916	-1.33%
6	295,150	1,362	0.46%
7	294,027	239	0.08%
8	293,148	-640	-0.22%
9	293,908	120	0.04%
10	295,512	1,724	0.59%

Total Population: 2,937,880

Ideal District Population: 293,788

Summary Statistics:

Population Range: 289,872 to 295,512

Ratio Range: 0.02

Absolute Range: -3,916 to 1,724

Absolute Overall Range: 5,640

Relative Range: -1.33% to 0.59%

Relative Overall Range: 1.92%

Absolute Mean Deviation: 1,212.00

Relative Mean Deviation: 0.41%

Standard Deviation: 1,610.05