

MINUTES OF THE HOUSE REDISTRICTING COMMITTEE.

The meeting was called to order by Vice Chairperson Doug Mays at 7:30 a.m. on February 5, 2002 in Room 313-S of the Capitol.

All members were present except:

- Representative Lisa Benlon - Excused
- Representative Michael O'Neal - Excused
- Representative Jeff Peterson - Excused
- Representative Bob Tomlinson - Excused
- Representative Jean Vickrey

Committee staff present:

- Mary Galligan, Kansas Legislative Research Department
- Kathie Sparks, Kansas Legislative Research Department
- Cindy O'Neal, Committee Secretary

Vice Chairperson Mays announced that no action would be taken today. He informed the Committee that the Republicans and Democrats have been working together for the past two weeks on a bi-partisan agreement. The map before the Committee is called Ad Astra (Attachment 1), however, it will probably not be the final map as agreements have not been finalized in Northeast Kansas and Western Kansas.

The committee received a brief explanation from Duane Simpson of major changes in the proposed map Ad Astra.

- ▶ In Franklin County a seat has been collapsed in order to allow Southeastern Kansas to retain all its seats
- ▶ Minor changes have been made in Johnson & Shawnee counties and the City of Atchinson is whole
- ▶ The City of Hays is further split 40/60 which allows Representative McClure to have a district
- ▶ Representatives Peterson and Neufeld will share a collapsed district

Representative Aurand explained that in two of the four collapsed districts only two representatives will be running against each other. The other two are due to retirements.

Representative Findley commented that he looks forward to continuing discussion on a workable map.

Vice Chairperson Mays agreed in that a map friendly to both sides needs to be made as to avoid a floor fight.

The committee meeting adjourned at 8:00 a.m. The next meeting was scheduled for February 6, 2002.

Plan: M2\_Ad Astra for KLRD TR  
Plan Type: House  
Administrator: Duane Simpson  
User: KLRD

## Population Summary Report

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DISTRICT	K_Population	DEVIATION	% DEVN.
1	21,237	-141	-0.66
2	20,342	-1,036	-4.85
3	20,338	-1,040	-4.86
4	20,913	-465	-2.18
5	22,019	641	3.00
6	22,426	1,048	4.90
7	21,402	24	0.11
8	20,666	-712	-3.33
9	22,216	838	3.92
10	22,447	1,069	5.00
11	21,932	554	2.59
12	20,435	-943	-4.41
13	20,355	-1,023	-4.79
14	22,177	799	3.74
15	22,234	856	4.00
16	20,352	-1,026	-4.80
17	21,718	340	1.59
18	21,324	-54	-0.25
19	21,380	2	0.01
20	22,289	911	4.26
21	21,689	311	1.45
22	21,257	-121	-0.57
23	20,937	-441	-2.06
24	21,761	383	1.79
25	20,860	-518	-2.42
26	22,059	681	3.19
27	22,101	723	3.38
28	22,255	877	4.10
29	20,639	-739	-3.46
30	22,018	640	2.99
31	20,508	-870	-4.07
32	21,518	140	0.65
33	21,815	437	2.04
34	21,278	-100	-0.47
35	22,064	686	3.21
36	22,311	933	4.36
37	21,726	348	1.63
38	22,038	660	3.09
39	21,771	393	1.84
40	20,409	-969	-4.53
41	20,508	-870	-4.07

Plan: M2\_Ad Astra for KLRD TR  
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DISTRICT	K_Population	DEVIATION	% DEVN.
42	21,006	-372	-1.74
43	22,152	774	3.62
44	22,413	1,035	4.84
45	22,430	1,052	4.92
46	22,103	725	3.39
47	20,667	-711	-3.33
48	21,814	436	2.04
49	22,141	763	3.57
50	20,329	-1,049	-4.91
51	20,386	-992	-4.64
52	20,778	-600	-2.81
53	22,323	945	4.42
54	20,746	-632	-2.96
55	21,061	-317	-1.48
56	20,826	-552	-2.58
57	20,479	-899	-4.21
58	20,694	-684	-3.20
59	21,995	617	2.89
60	21,544	166	0.78
61	20,332	-1,046	-4.89
62	21,760	382	1.79
63	21,426	48	0.22
64	20,637	-741	-3.47
65	21,111	-267	-1.25
66	21,417	39	0.18
67	21,962	584	2.73
68	22,164	786	3.68
69	21,451	73	0.34
70	20,585	-793	-3.71
71	22,200	822	3.85
72	20,737	-641	-3.00
73	20,552	-826	-3.86
74	20,499	-879	-4.11
75	21,313	-65	-0.30
76	22,254	876	4.10
77	21,681	303	1.42
78	20,471	-907	-4.24
79	20,828	-550	-2.57
80	22,441	1,063	4.97
81	21,448	70	0.33
82	21,058	-320	-1.50
83	20,790	-588	-2.75
84	20,410	-968	-4.53
85	21,814	436	2.04
86	22,116	738	3.45
87	22,153	775	3.63
88	21,779	401	1.88

Plan: M2\_Ad Astra for KLRD TR  
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DISTRICT	K_Population	DEVIATION	% DEVN.
89	21,122	-256	-1.20
90	21,015	-363	-1.70
91	21,217	-161	-0.75
92	20,624	-754	-3.53
93	21,969	591	2.76
94	20,528	-850	-3.98
95	21,305	-73	-0.34
96	22,107	729	3.41
97	21,071	-307	-1.44
98	21,848	470	2.20
99	21,958	580	2.71
100	22,197	819	3.83
101	21,331	-47	-0.22
102	21,935	557	2.61
103	21,330	-48	-0.22
104	20,487	-891	-4.17
105	20,567	-811	-3.79
106	20,631	-747	-3.49
107	21,194	-184	-0.86
108	22,441	1,063	4.97
109	20,358	-1,020	-4.77
110	20,316	-1,062	-4.97
111	20,657	-721	-3.37
112	20,350	-1,028	-4.81
113	21,961	583	2.73
114	22,226	848	3.97
115	22,353	975	4.56
116	22,220	842	3.94
117	21,918	540	2.53
118	21,382	4	0.02
119	20,635	-743	-3.48
120	20,404	-974	-4.56
121	20,588	-790	-3.70
122	22,201	823	3.85
123	20,957	-421	-1.97
124	21,706	328	1.53
125	22,148	770	3.60

Total Population: 2,672,257

Ideal District Population: 21,378

**Summary Statistics**

Population Range: 20,316 to 22,447

Ratio Range: 1.10

Absolute Range: -1,062 to 1,069

Absolute Overall Range: 2,131.00

Relative Range: -4.97% to 5.00%

Relative Overall Range: 9.97%

Absolute Mean Deviation: 619.54

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Plan: M2\_Ad Astra for KLRD TR  
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Relative Mean Deviation: 2.90%

Standard Deviation: 696.88

REVISED  
SUMMARY OF CHARACTERISTICS OF PROPOSED KS. HOUSE DISTRICTS

Plan Name (Author/Bill No.)	Population and Geography Basis	Deviation Max. to Min. and (Overall)	Minority Population <sup>1)</sup>	Preservation of Prior District Population Core (Primary source district) <sup>2)</sup>	Districts with More than one Incumbent	Districts With No Incumbent	Political Subdivisions <sup>3)</sup>	Contiguity and Compactness <sup>4)</sup>	Notes
<b>Ad Astra</b>	K-Population VTDs and Census blocks	<b>9.97% overall</b> -1,062 to 1,069 people, or -4.97% to 5.00%	The highest percent non-Hispanic Black population ranges from 65.6% -67.2% in the 34th district. Corresponding voting age population in the district is 63.3% - 64.2%.  The highest Hispanic population is 44.0% in the 116th district. Hispanic voting age population in the district is 38.8%.	<b># Dists.    %</b> 8    <=50 54   51% - 80% 16   81% - 85% 31   86% - 95% 16   96% - 100% <small>(6 districts contain 100% of the previous district population)</small>	Four: districts 35, 61, 114, 115.	Four: districts 38, 48 49, 105	58 VTDs are split. 15 of those splits involve no population. 45 cities are split. 53 counties are split.	Plan includes 125 districts. All districts are contiguous. Roeck = 0.17 min. 0.64 max.	Significantly different than <i>State House 4</i> . VTDs in 60 counties have different district assignments.

1) Non-Hispanic Black population ranges are established by the single race Black population category at the low end and the sum of all multirace categories that include non-Hispanic Blacks at the high end. Among existing House districts, District 34 has the highest percentage non-Hispanic Black population at 70.2% - 71.7%. The corresponding voting age population (18 years of age and older) of that district ranges from 69.1% - 70.0%.

Among existing districts, House District 116 has the highest Hispanic population at 44.1%. The corresponding voting age population in that district is 38.5%.

2) For each proposed district, one can identify a primary source district, that is, the district from which the largest block of population comes. That primary source district may not always have the same district number as the new district. For example, in *State House 4*, 62.3 percent of new district 2 is from existing district 11, and nearly 84 percent of new district 4 is from existing district 3. In both cases, a large portion of an existing district's population remains in a single district, but the district number changes in the new plan. From the summary of *State House 4* above, one can see that for two of the proposed districts the primary source district provided less than 50 percent of the total population. Further, 58 proposed districts draw 51 percent to 80 percent of their population from a primary source district.

3) The existing House districts split 50 counties. When enacted, the 1992 House districts did not split any VTDs.






4) The Roeck measure is an area-based measure that compares each district to a circle, which is considered to be the most compact shape possible. For each district, the Roeck test computes the ratio of the area of the district to the area of the minimum enclosing circle for the district. The measure is always between 0 and 1, with 1 being the most compact. The Roeck test computes one number for each district and the minimum, maximum, mean, and standard deviation for the plan. The current plan (1992) minimum is 0.20 and the maximum is 0.65.

REVISED  
SUMMARY OF CHARACTERISTICS OF PROPOSED KS. HOUSE DISTRICTS

Plan Name (Author/Bil No.)	Population and Geography Basis	Deviation Max. to Min. and (Overall)	Minority Population <sup>(1)</sup>	Preservation of Prior District Population Core (Primary source district) <sup>(2)</sup>	Districts with More than one Incumbent	Districts With No Incumbent	Political Subdivisions <sup>(3)</sup>	Contiguity and Compactness <sup>(4)</sup>	Notes
<b>State House 4</b> (Special Committee on Redistricting/ HB 2625)	K-Population VTDs and Census blocks	<b>9.83% overall</b> -1,040 to 1,063 people, or -4.86% to 4.97%	The highest percent non-Hispanic Black population ranges from 62.7% - 64.1% in the 35th district. Corresponding voting age population in the district is 60.6% - 61.6%.  The highest Hispanic population is 42.5% in the 125th district. Hispanic voting age population in the district is 36.4%.	<b># Dists. %</b> 2 <= 50% 58 51% - 80% 15 81% - 85% 31 86% - 95% 19 96% - 100%  (8 districts contain 100% of the previous district population.)	Five: districts 8, 35, 63, 111, and 116	Five: districts 11, 38, 48, 49, and 105	64 VTDs are split. 14 of those splits involve no population. 41 cities are split. 44 counties are split.	Plan includes 125 districts. All districts are contiguous. Roeck = 0.20 min. 0.64 max.	Plan approved by Special Committee on Redistricting at the close of the 2001 interim.
<b>Statewide 1A</b> (House Democrats)	K-Population VTDs and Census blocks	<b>9.93% overall</b> -1,058 to 1,065 people, or -4.95% to 4.98%	The highest percent non-Hispanic Black population ranges from 68.3% - 70.0% in the 34th district. Corresponding voting age population in the district is 66.5% - 67.4%.  The highest Hispanic population is 48.1% in the 122nd district. Hispanic voting age population in the district is 42.4%.	<b># Dists. %</b> 4 <= 50% 51 51% - 80% 11 81% - 85% 46 86% - 95% 13 96% - 100%  (7 districts contain 100% of the previous district population.)	Two: districts 35 and 105	Two: districts 36 and 80	6 VTDs are split. 2 of those splits involve no population. 46 cities are split. 59 counties are split.	Plan includes 125 districts. All districts are contiguous. Roeck = 0.17 min. 0.66 max.	This plan, submitted on January 24, differs from the original, <i>HD Statewide 1</i> by reassignment of two VTDs. Neither contained any population. One was in Newton (Ward 3 Precinct 3 Part B). The other was in Great Bend (Ward 4 Precinct 3 Exclave D2).

**Plan: M2\_Ad Astra for KLRD TR**

Map Features

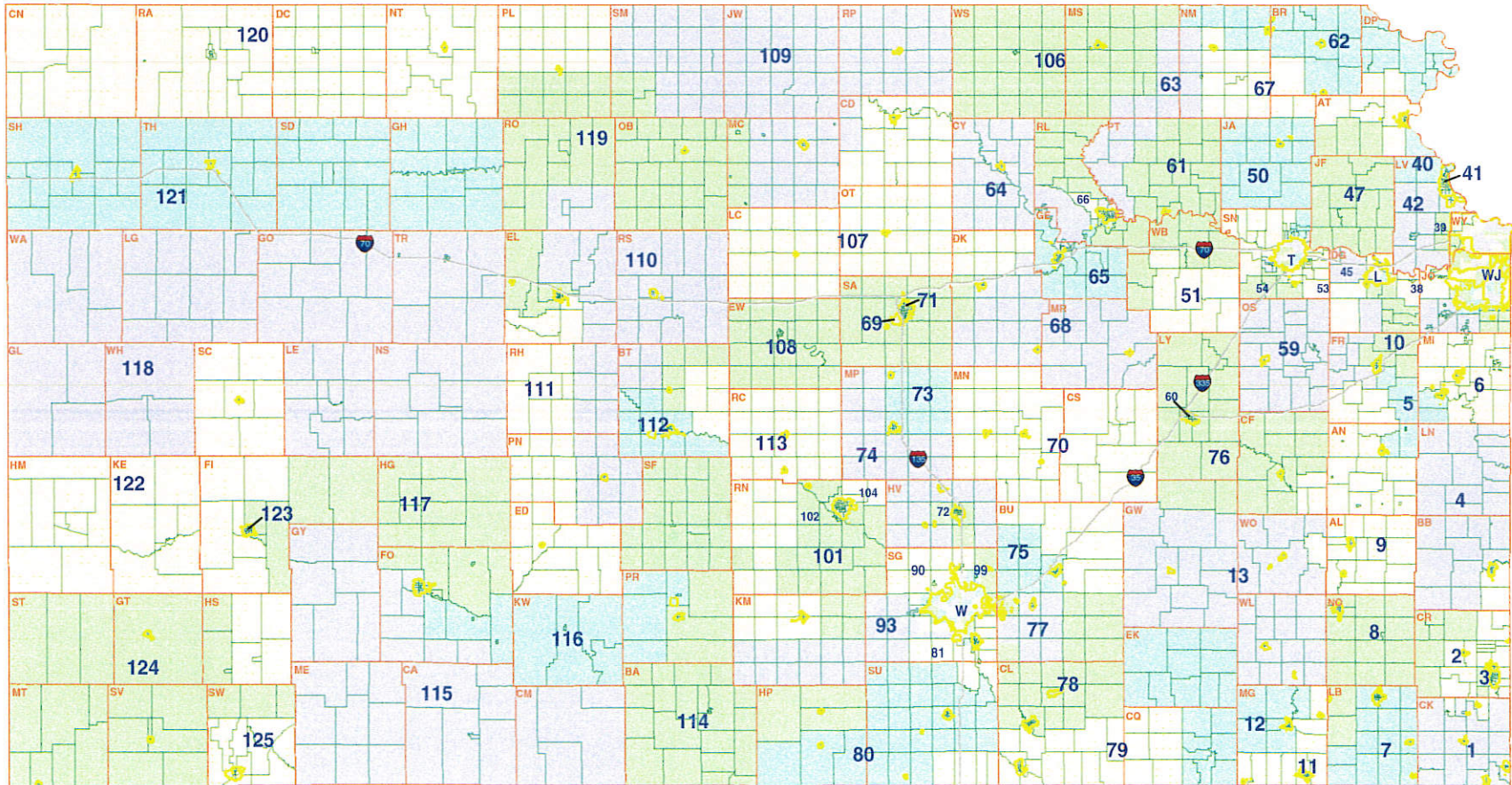
-  Voting District
-  Cities class 1 or 2
-  County
-  Interstate Highway
-  House Districts

0 20 40 60  
Miles

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**Ad Astra**  
page 1 of 18

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.



W= Wichita districts 82-89,91-92,94-98,100,103,105

T=Topeka districts 52,55-58

L=Lawrence districts 44,46

WJ=Wyandotte and Johnson County districts 14-37,43,48,49



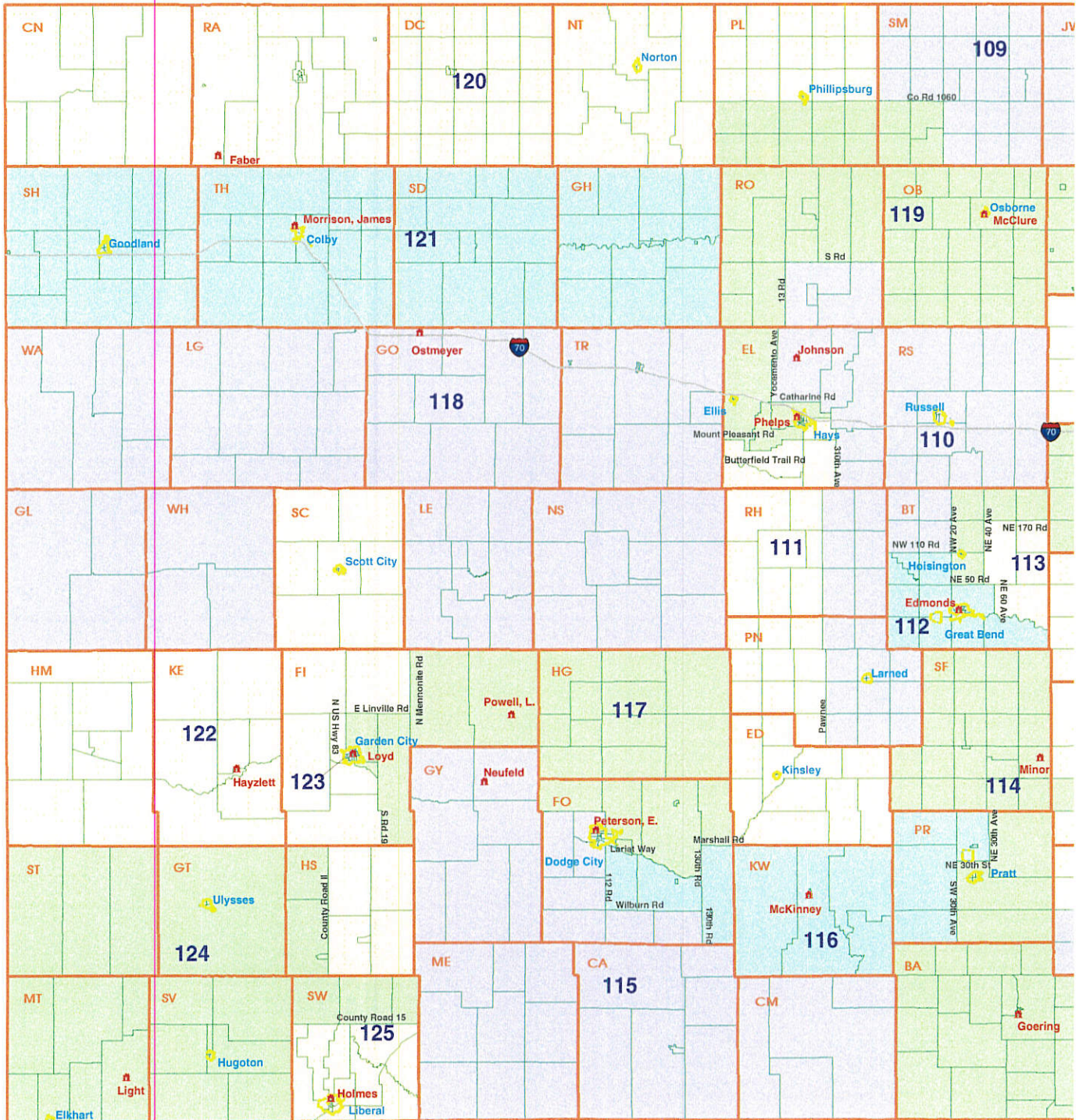
Plan: M2\_Ad Astra for KLRD TR

Map Features

- Voting District
- County
- Cities class 1 or 2
- Interstate Highway
- ▲ House Incumbent

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 Miles

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Plan: M2\_Ad Astra for KLRD TR

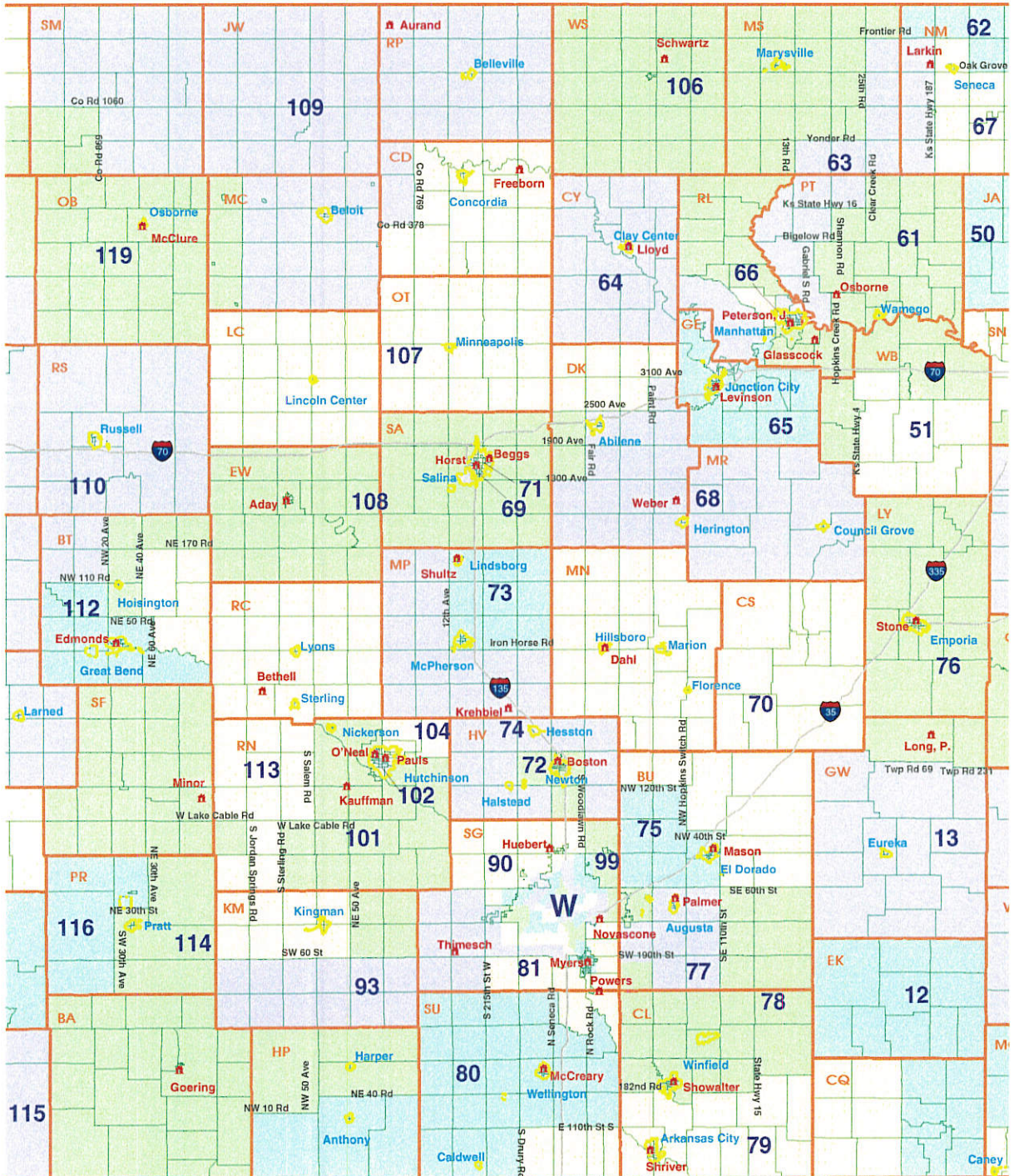
- Map Features
- Voting District
- County
- Interstate Highway
- Cities class 1 or 2
- House Incumbent

0 10 20 30  
 Miles

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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 82-92, 94-98, 100, 103, 105



**Plan: M2\_Ad Astra for KLRD TR**

Map Layers

- Cities class 1 or 2
- Voting District
- County
- House Incumbent
- Interstate Highway

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Miles

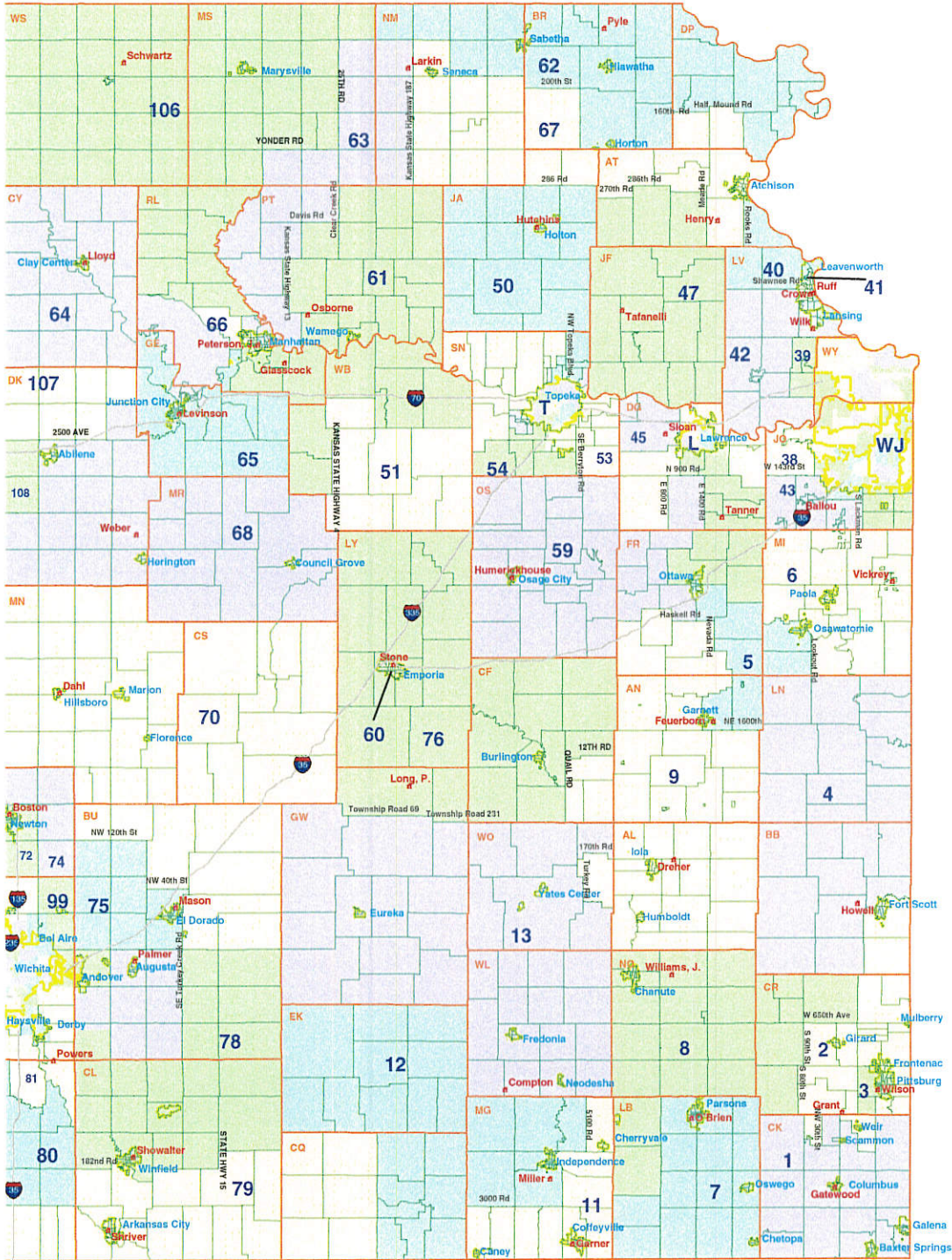
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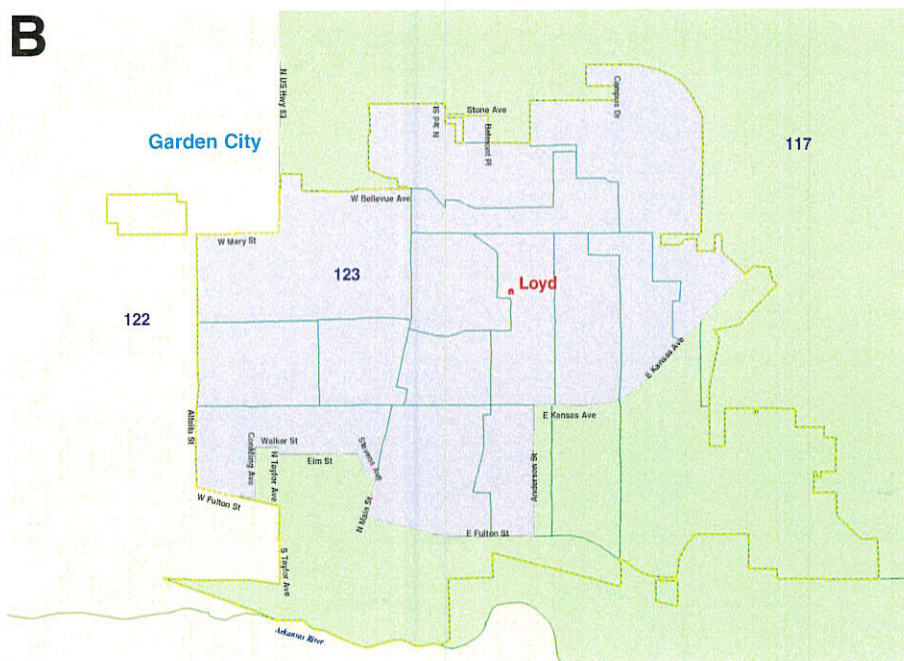
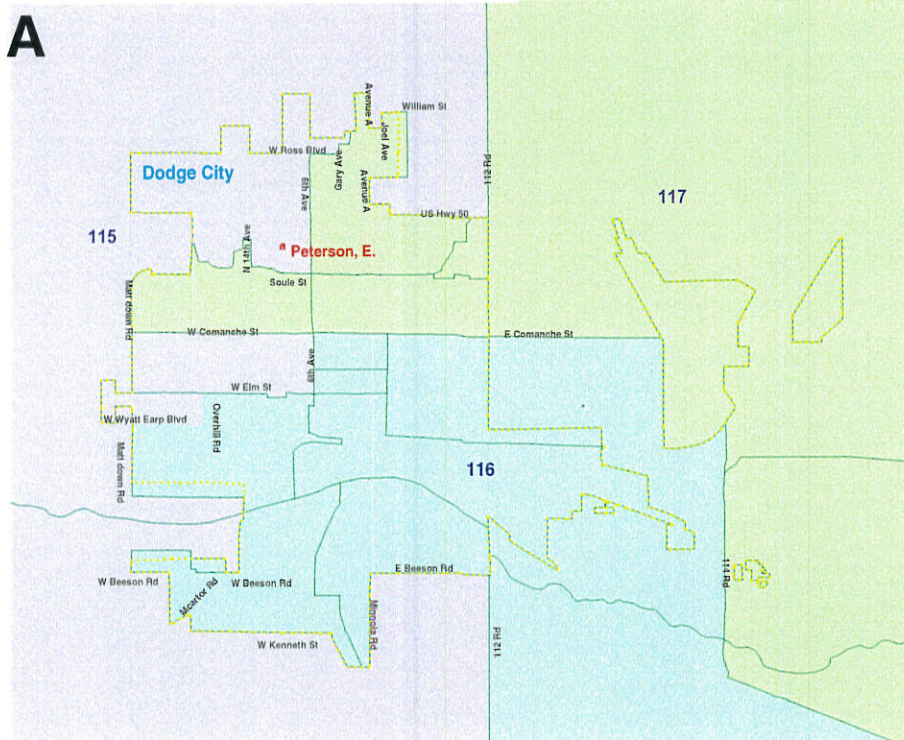
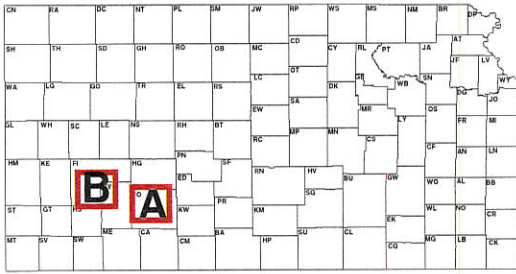
NOTE: In urban areas, VTD boundaries, incumbents, and highways have been hidden so that other information can be displayed. Detailed maps of urban areas follow this map.

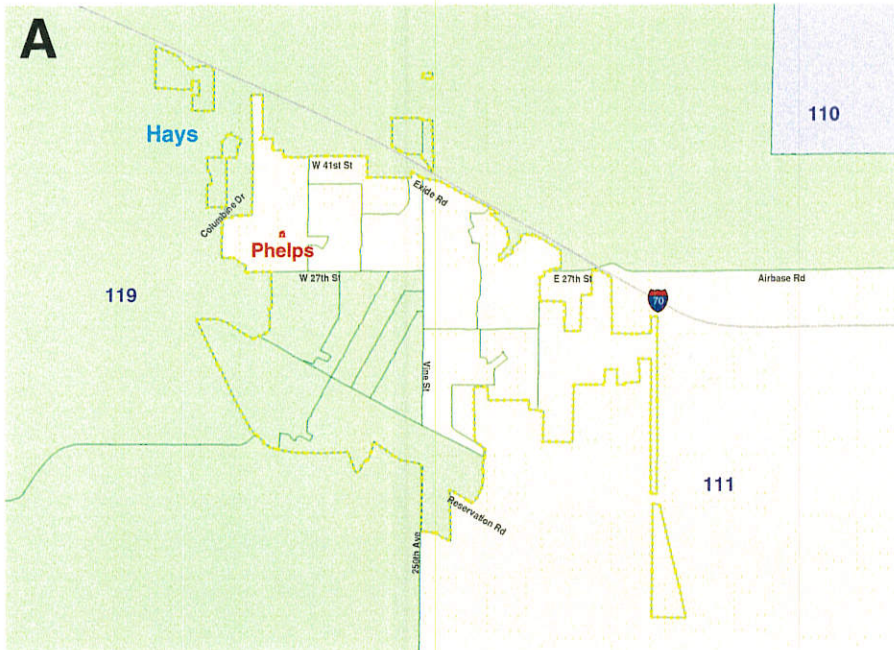
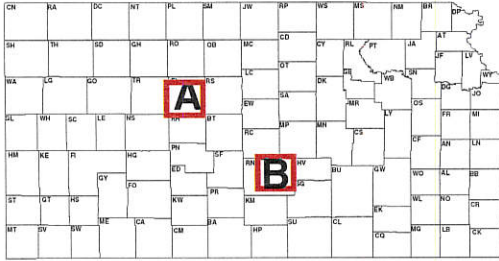
T=Topeka districts 52, 55-58

L=Lawrence districts 44, 46

WJ=Wyandotte and Johnson County districts 14-37,43,48,49







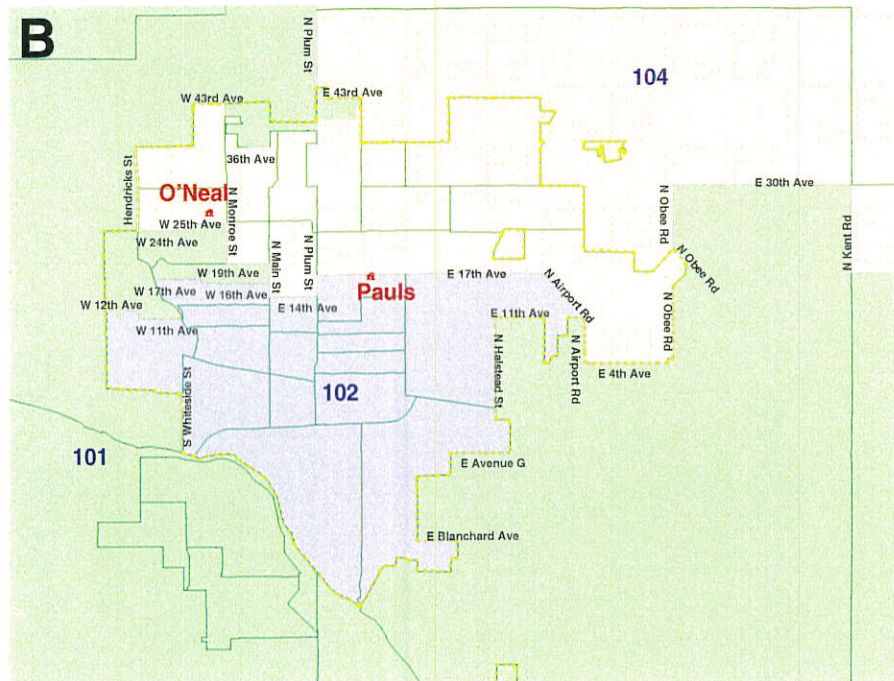
**Plan: M2\_Ad Astra for KLRD TR**

Map Features

- Voting District
- Cities class 1 or 2
- I Interstate Highway
- House Incumbent

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 Miles

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**Plan: M2\_Ad Astra for KLRD TR**

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 Miles

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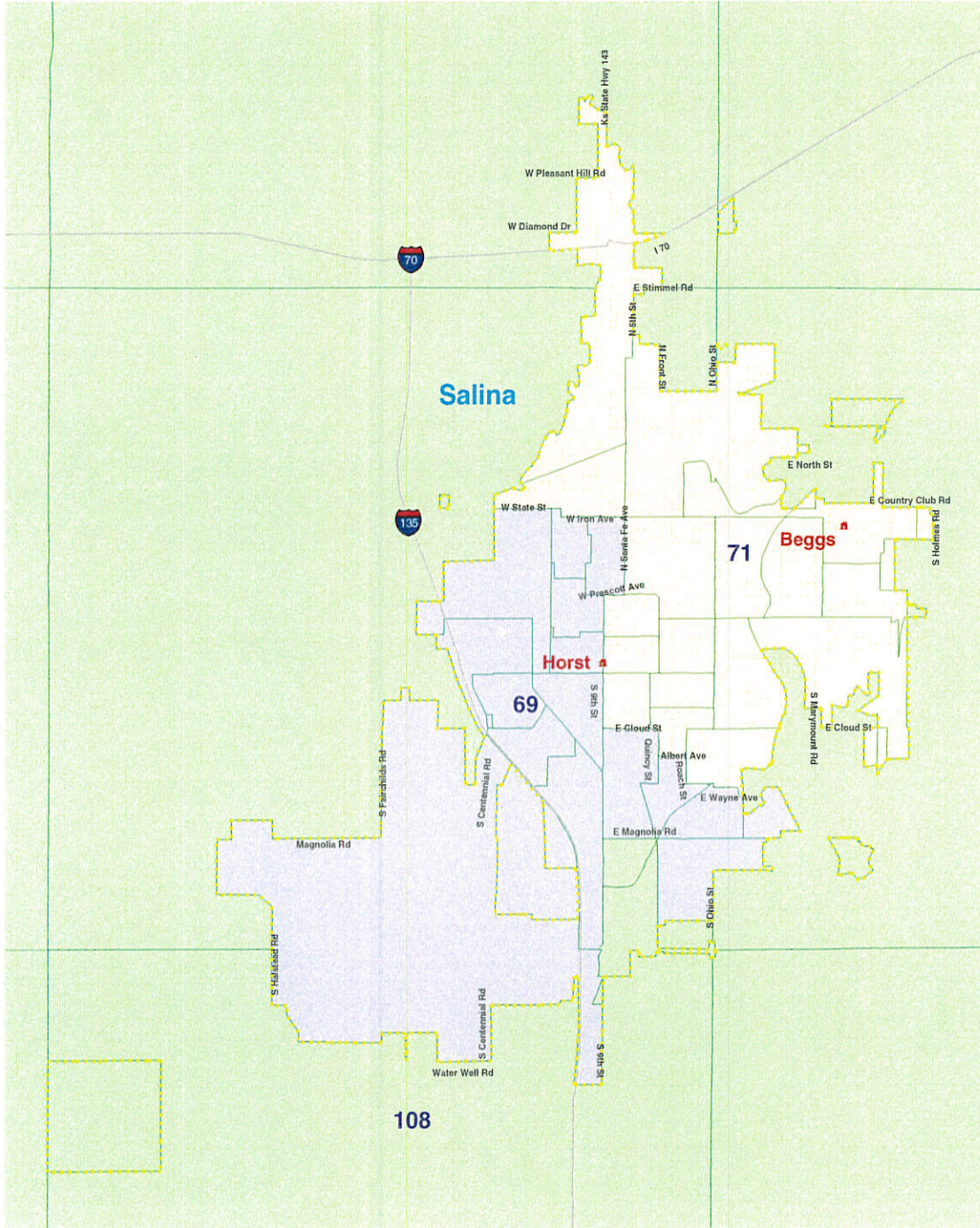
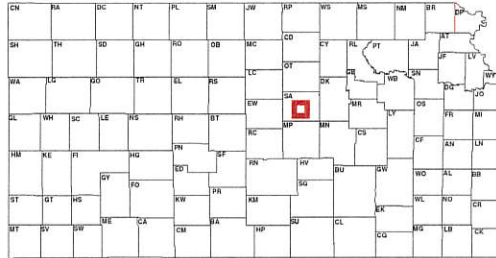
**Plan: M2\_Ad Astra for KLRD TR**

Map Features

- Voting District
- Interstate Highway
- Cities class 1 or 2
- House Incumbent

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Miles

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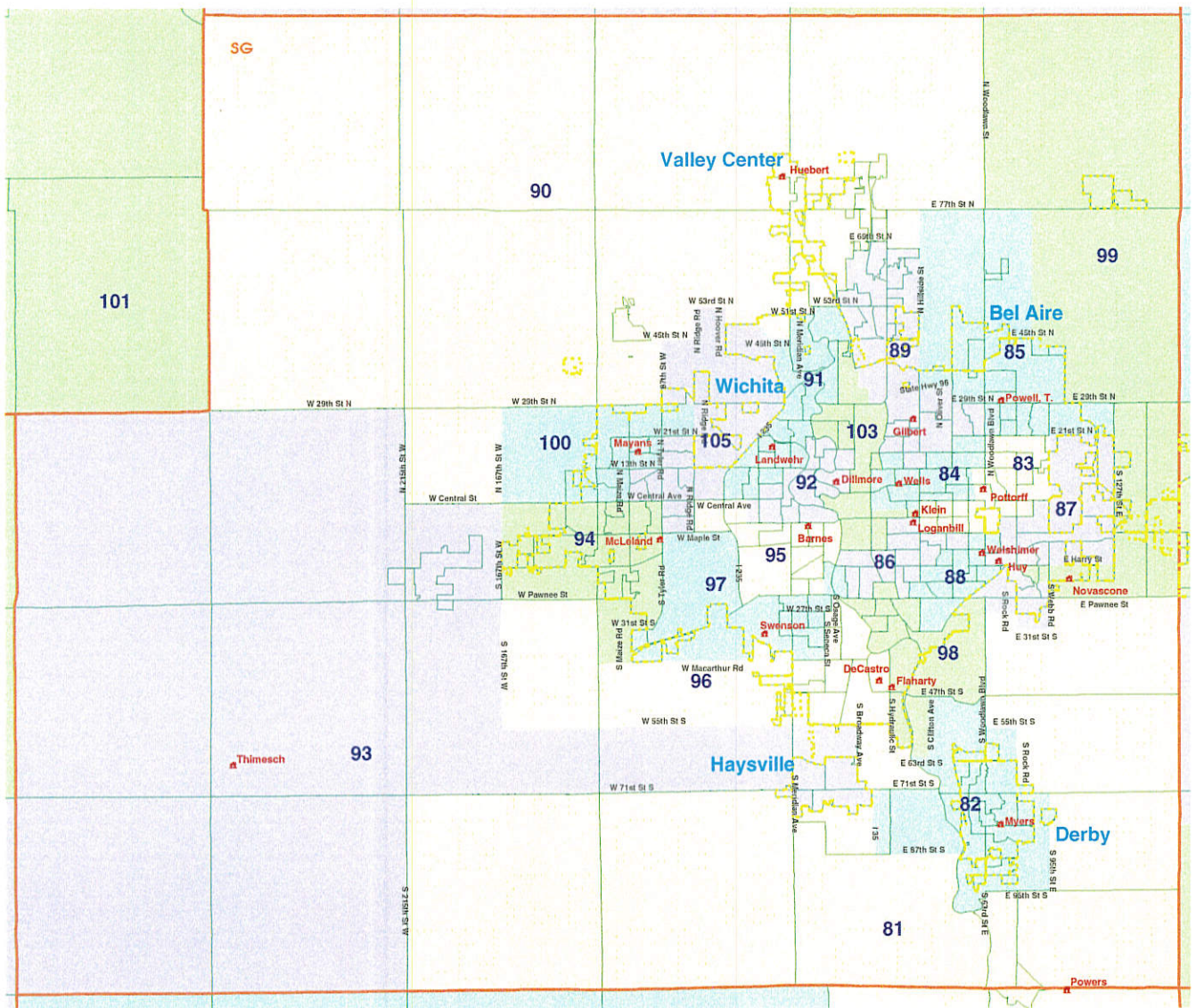
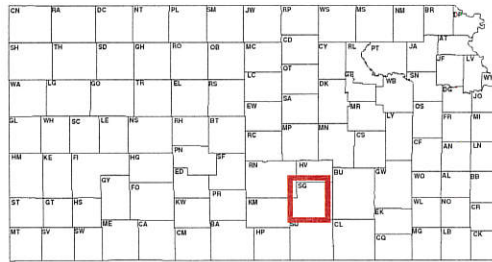


Plan: M2\_Ad Astra for KLRD TR  
 Map Features

- Voting District
- County
- Cities class 1 or 2
- ▲ House Incumbent

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 Miles

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Plan: M2\_Ad Astra for KLRD TR

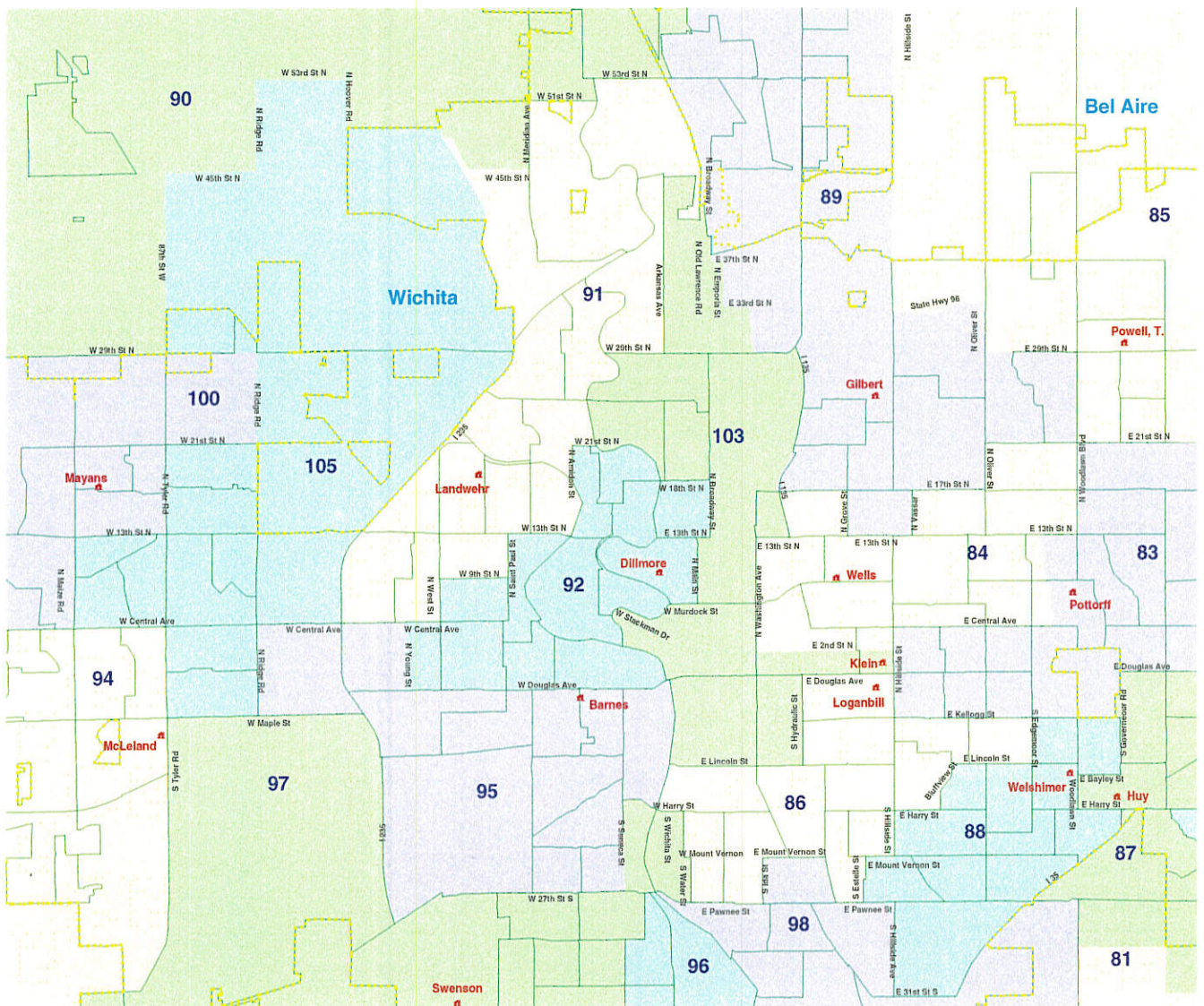
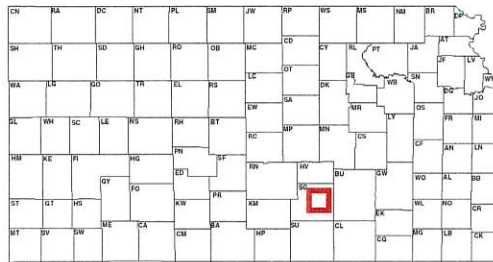
Map Features

- Voting District
- Cities class 1 or 2
- House Incumbent

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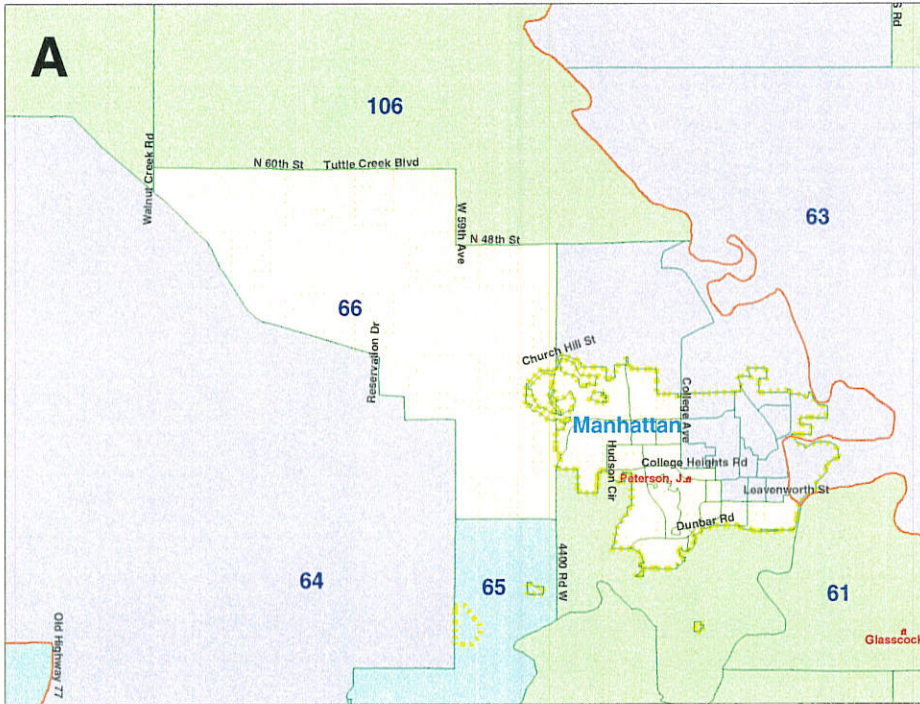
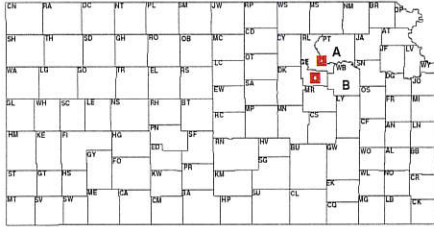
Miles

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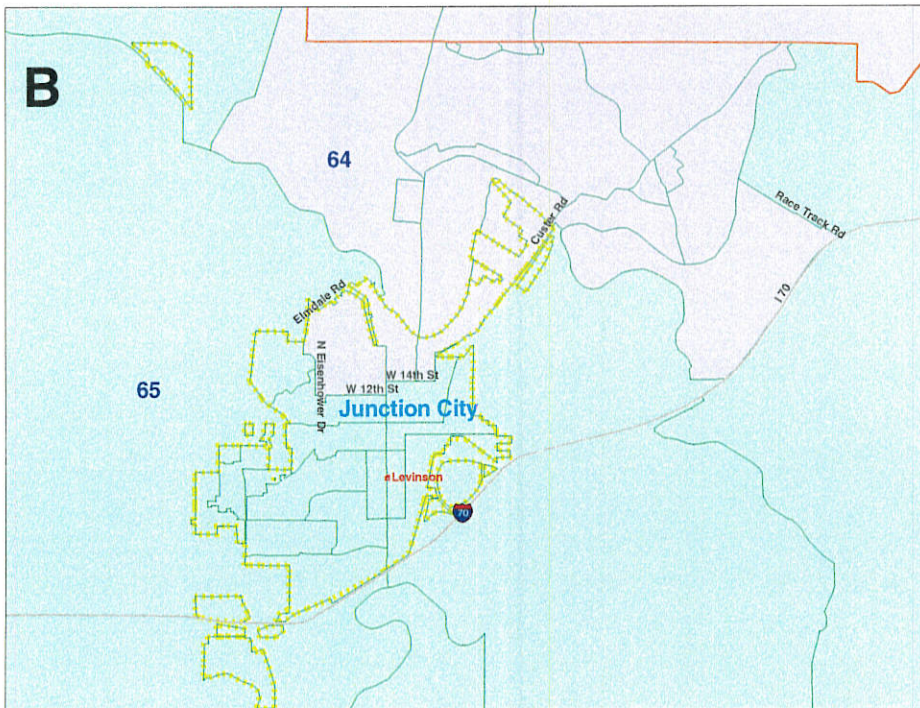




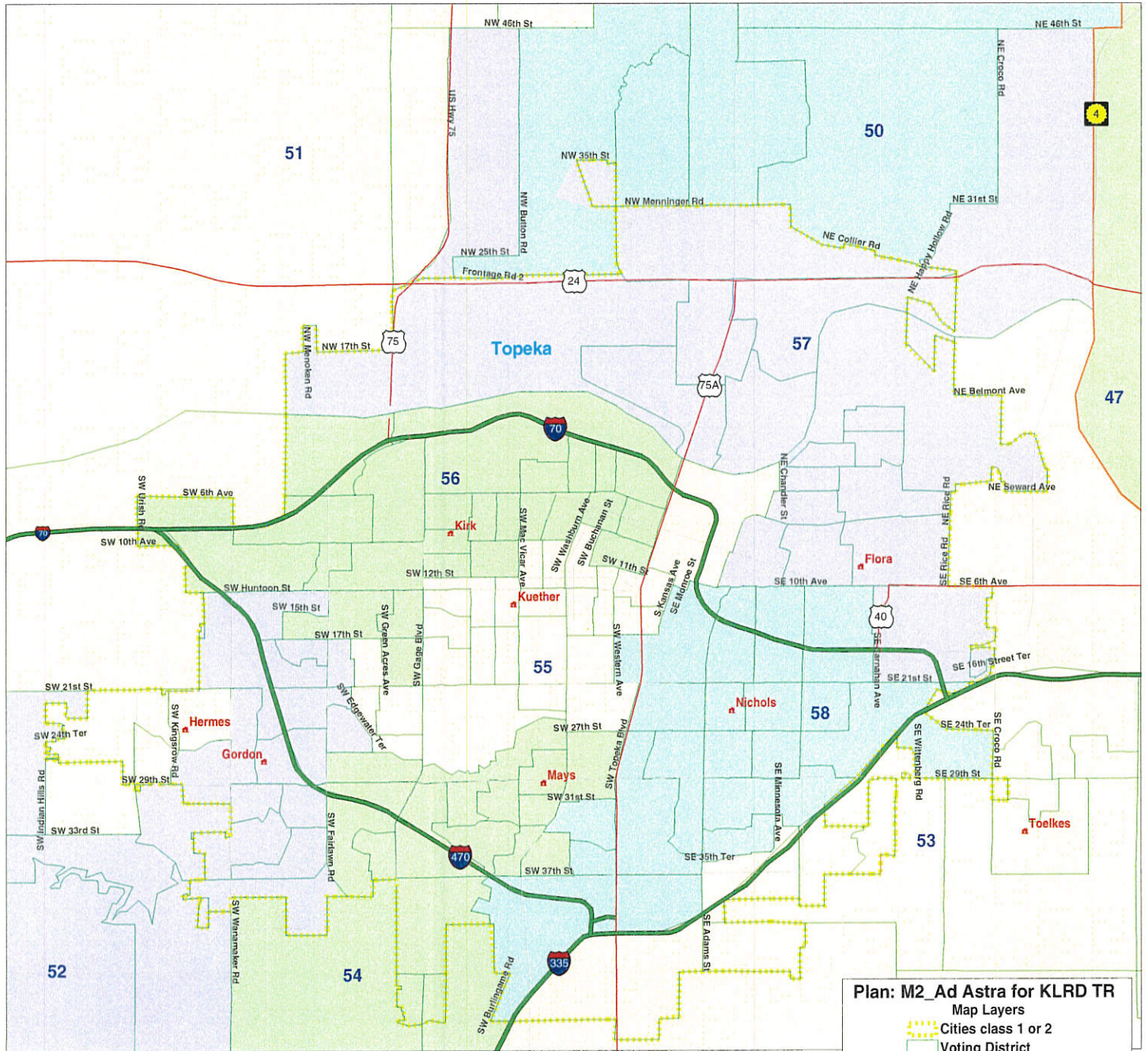
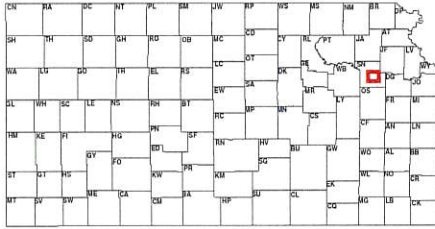
# Ad Astra Manhattan and Junction City



**Plan: M2\_Ad Astra for KLRD TR**  
Map Layers  
 Cities class 1 or 2  
 Voting District  
 County  
 House Incumbent  
 Interstate Highway  
 0 2 4 6  
 Miles  
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**Plan: M2\_Ad Astra for KLRD TR**  
Map Layers  
 Cities class 1 or 2  
 Voting District  
 County  
 House Incumbent  
 Interstate Highway  
 0 1 2 3  
 Miles  
 Kansas Legislative Research Dept. 02/04/02

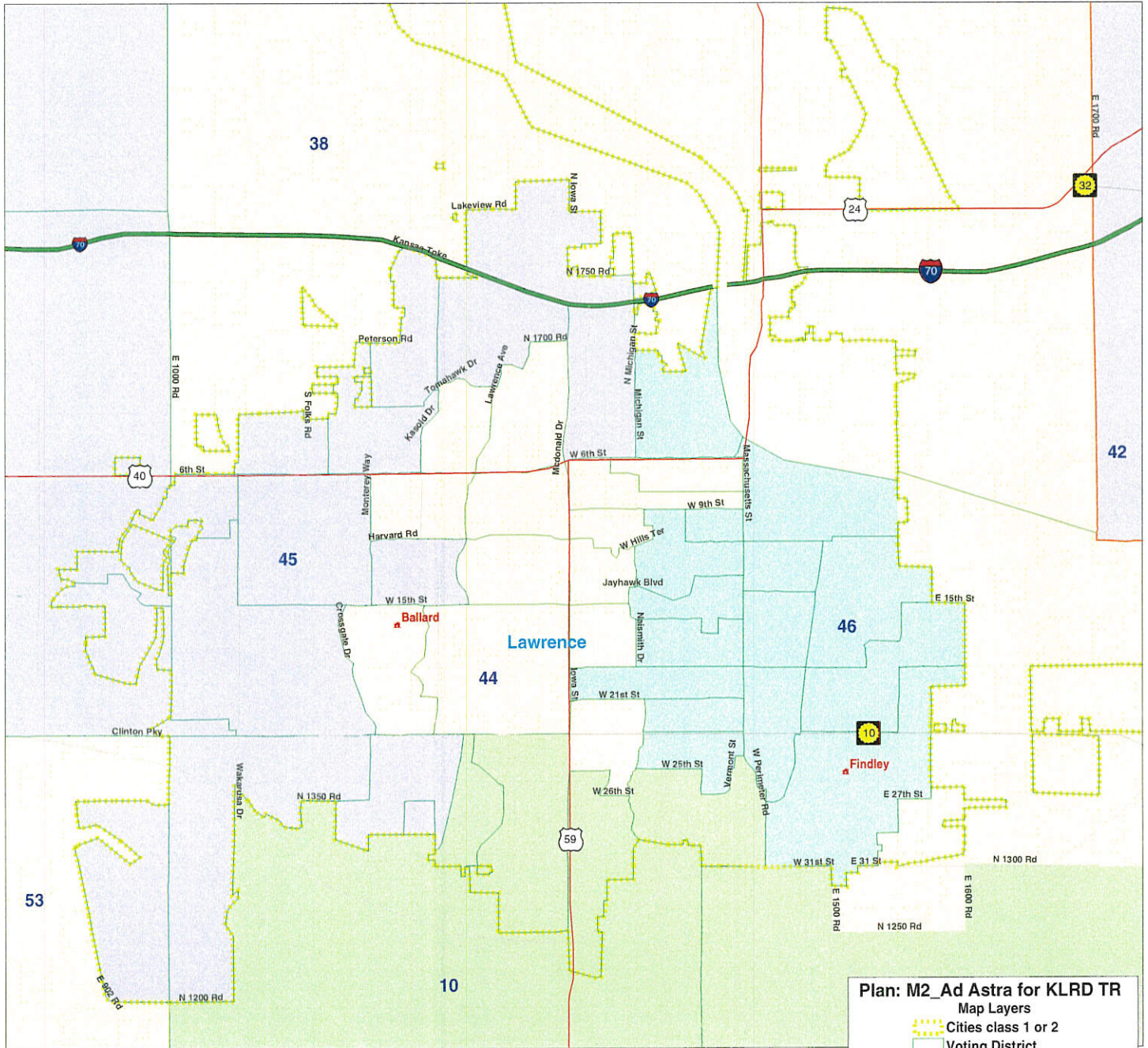
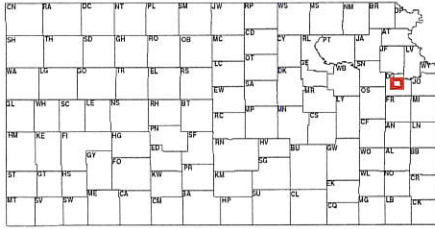


**Plan: M2\_Ad Astra for KLRD TR**  
 Map Layers

- Cities class 1 or 2
- Voting District
- County
- Interstate Highway
- House Incumbent :1

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 Miles

Kansas Legislative Research Dept. 02/04/02

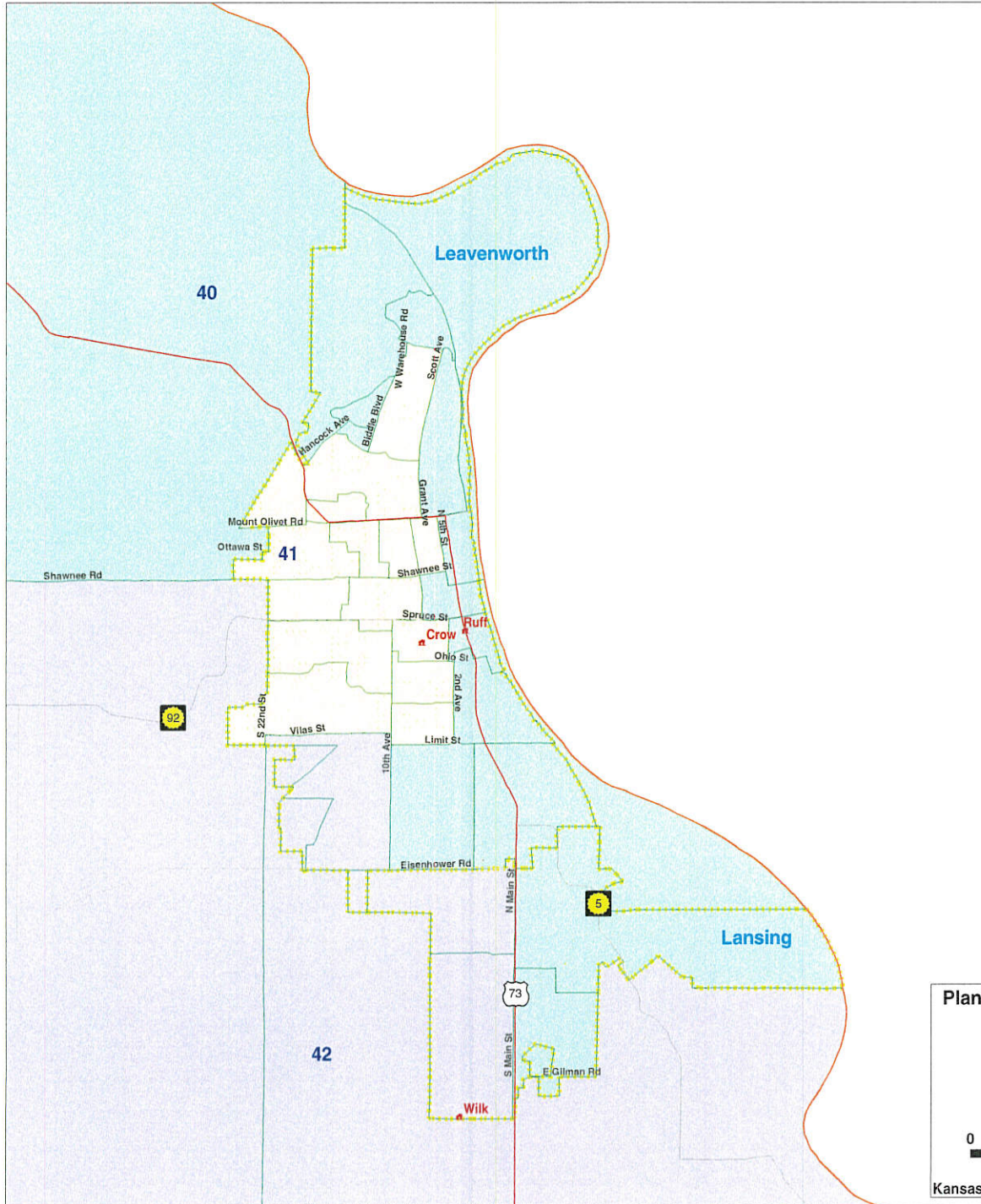
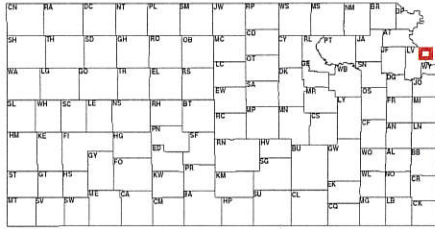


**Plan: M2\_Ad Astra for KLRD TR**  
 Map Layers

- Cities class 1 or 2
- Voting District
- County
- Interstate Highway
- House Incumbent

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 Miles

Kansas Legislative Research Dept. 02/04/02



**Plan: M2\_Ad Astra for KLRD TR**

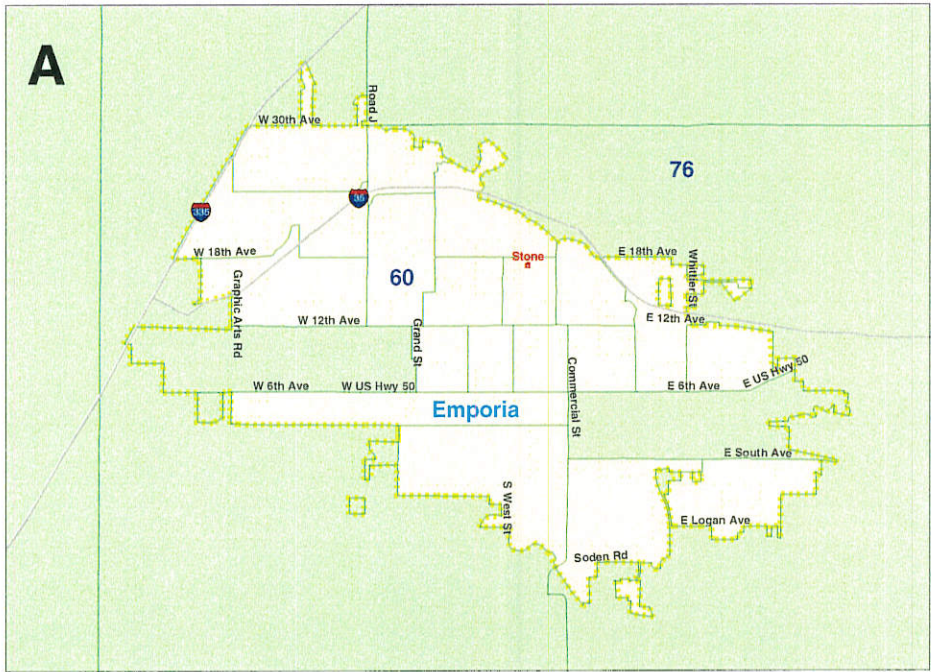
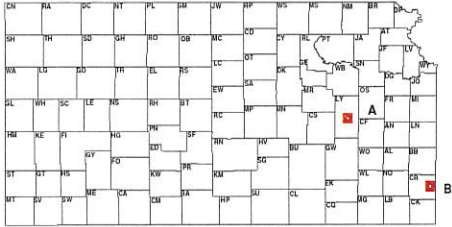
Map Features

- Cities class 1 or 2
- Voting District
- County
- Interstate Highway
- House Incumbent

0 .9 1.8 2.7  
 Miles

Kansas Legislative Research Dept. 02/04/02

**Ad Astra**  
**Emporia and Pittsburg**  
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Plan: M2\_Ad Astra for KLRD TR

Map Features

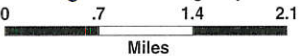
Cities class 1 or 2

Voting District

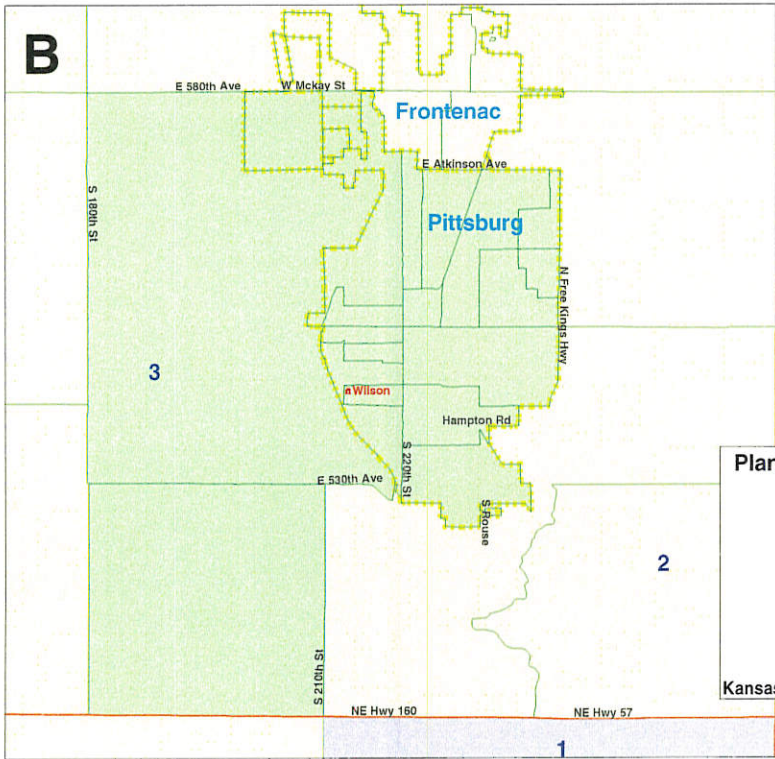
County

House Incumbent

Interstate Highway



Kansas Legislative Research Dept. 02/04/02



Plan: M2\_Ad Astra for KLRD TR

Map Features

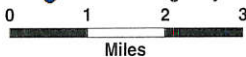
Cities class 1 or 2

Voting District

County

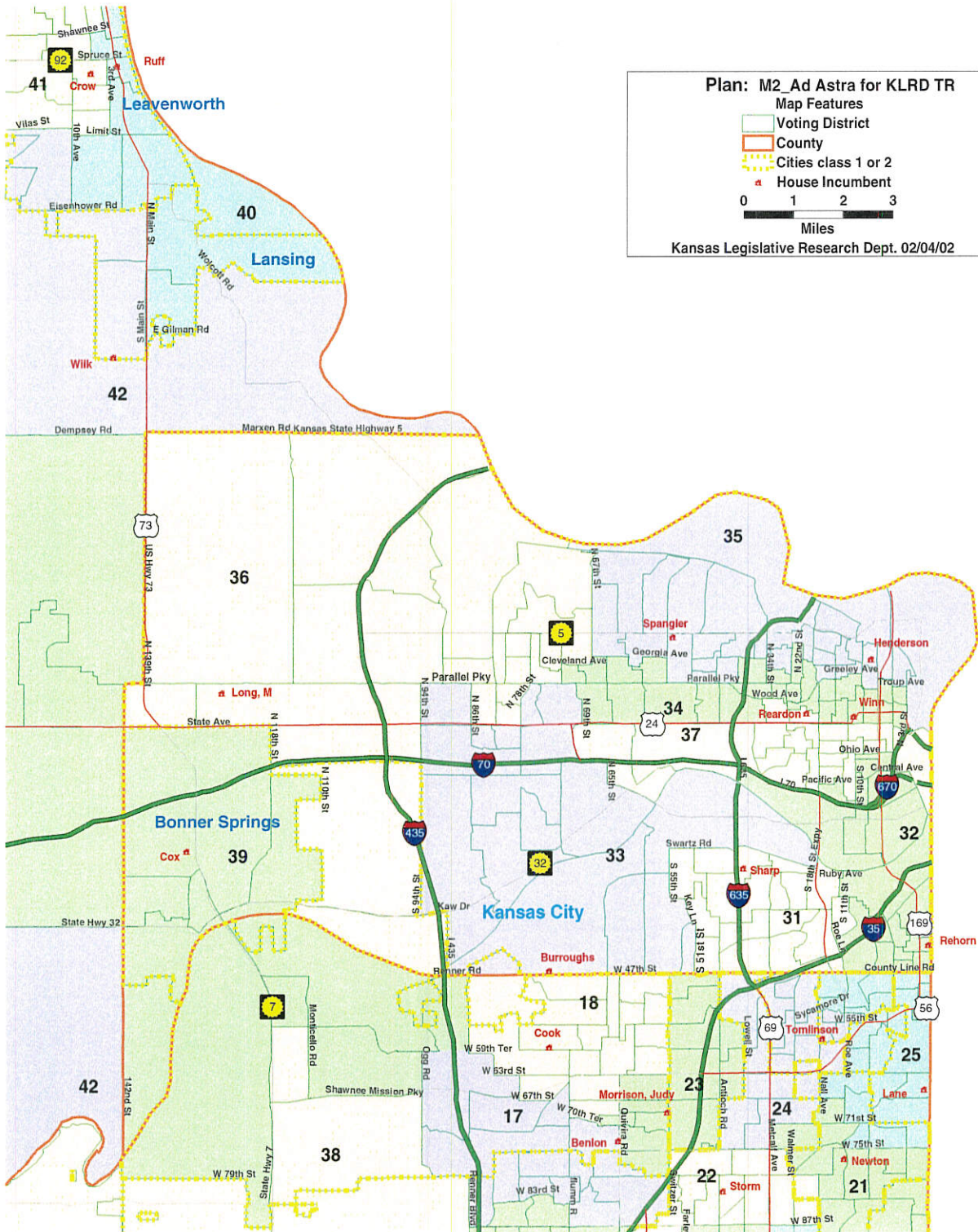
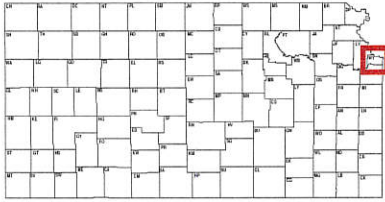
House Incumbent

Interstate Highway



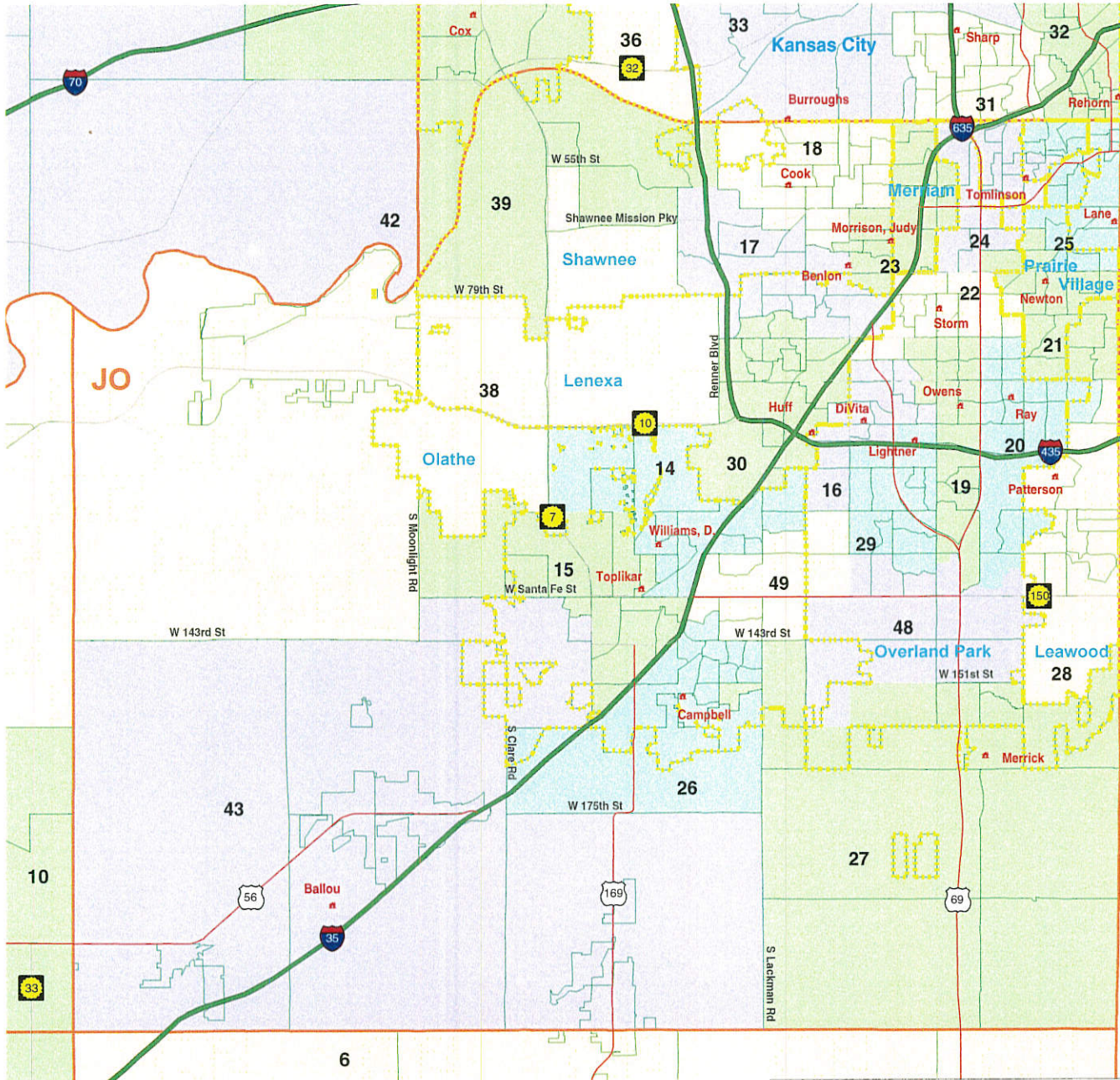
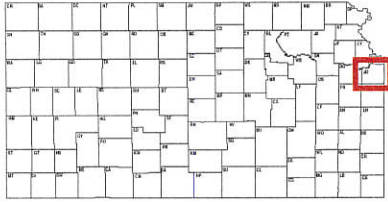
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# Ad Astra Wyandotte County



# Ad Astra Johnson County

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Plan: M2\_Ad Astra for KLRD TR

Map Features

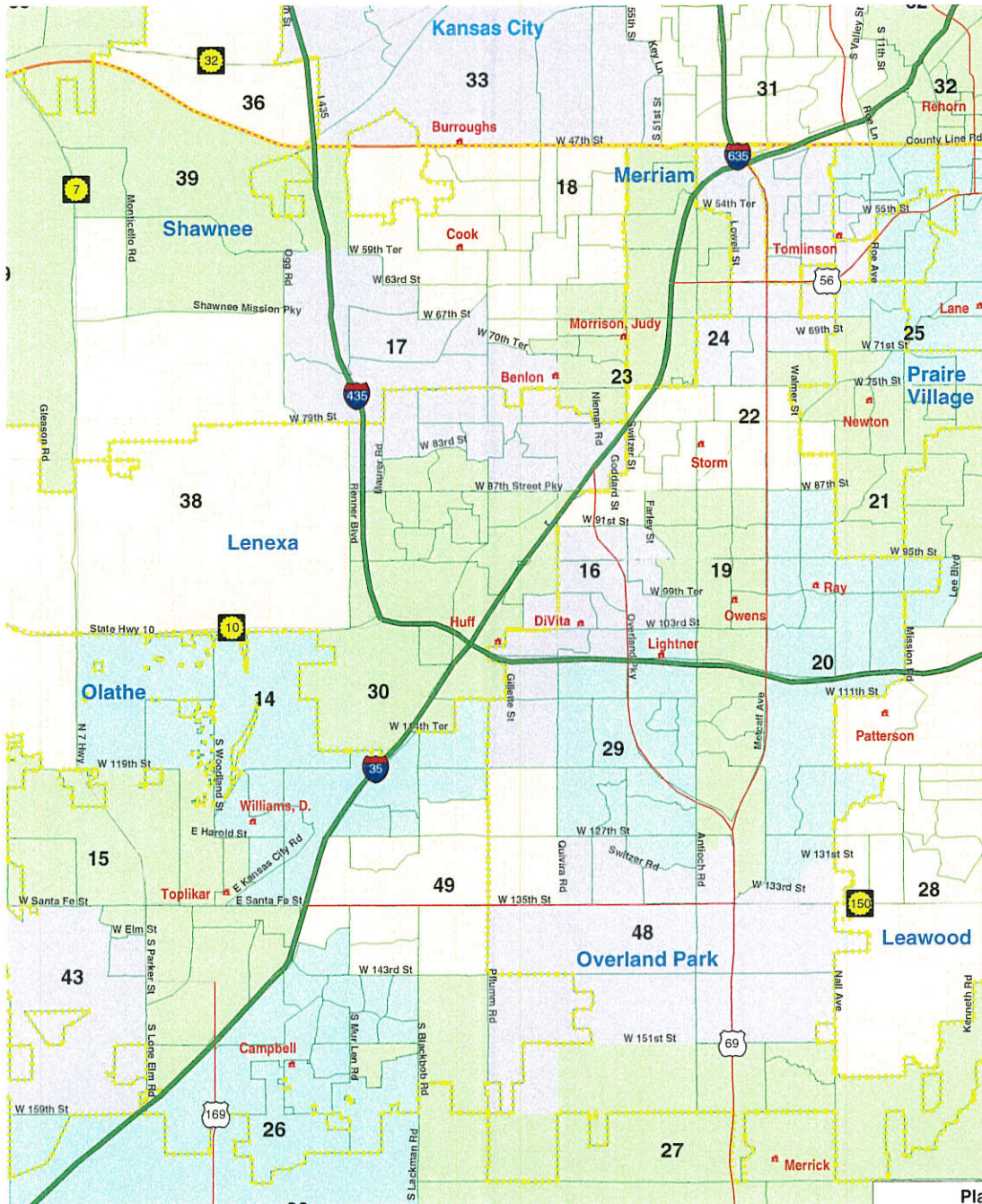
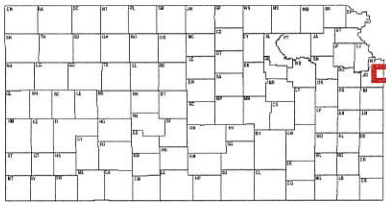
- Voting District
- County
- Cities class 1 or 2
- ▲ House Incumbent

0 1 2 3  
Miles

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# Ad Astra Johnson County detail

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Plan: M2\_Ad Astra for KLRD TR

- Map Features
- Voting District
- County
- Cities class 1 or 2
- House Incumbent

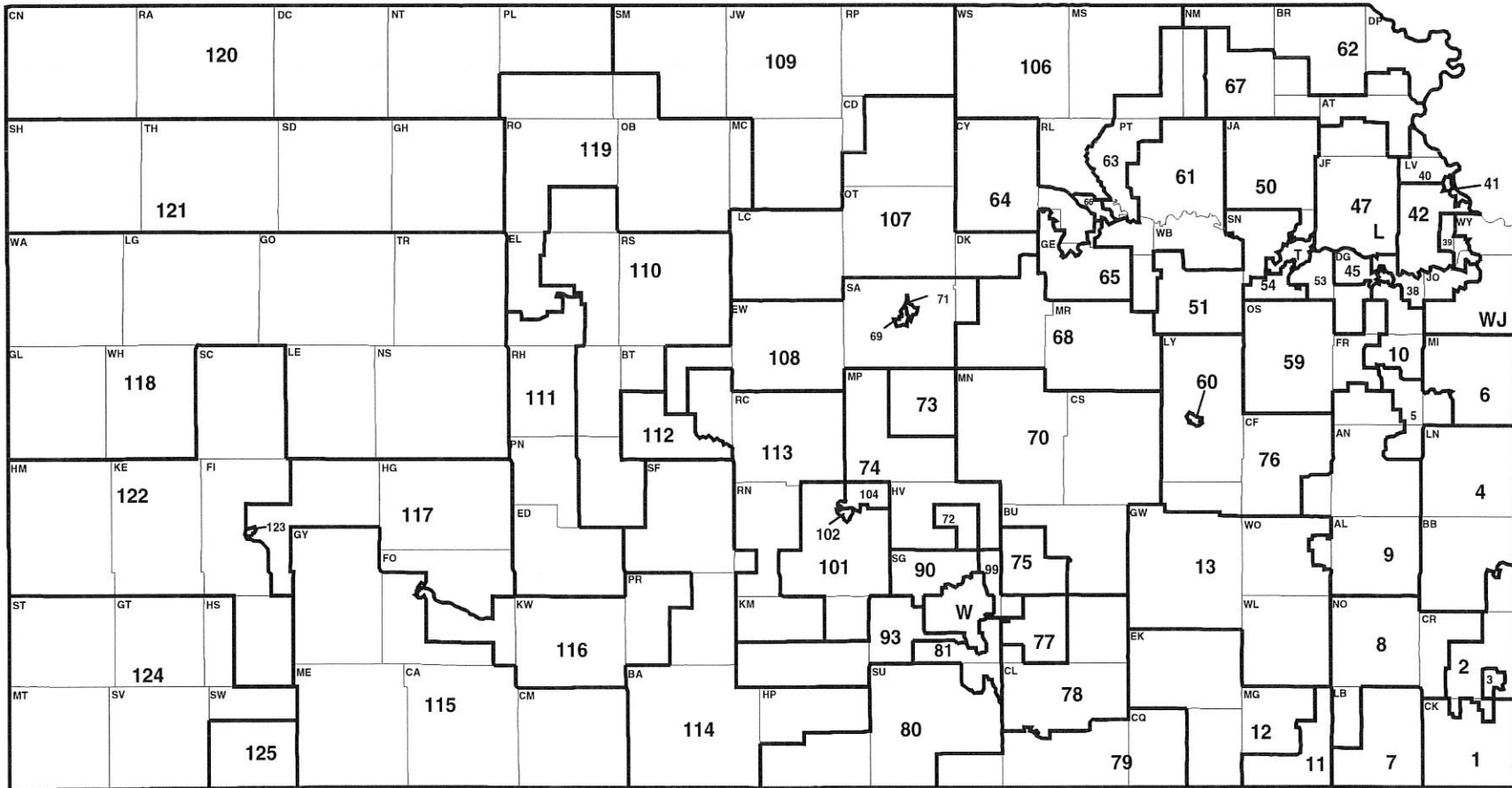
0 1 2 3  
Miles

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**Plan: M2\_Ad Astra for KLRD TR**  
 Map Layers  
 District  
 County  
 0 20 40 60  
 Miles  
 Kansas Legislative Research Dept. 02/04/02

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



W= Wichita districts 82-89,91-92,94-98,100,103,105

T=Topeka districts 52,55-58

L=Lawrence districts 44,46

WJ=Wyandotte and Johnson County districts 14-37,43,48,49