



City of Dallas 2021-22 Redistricting

Submitted Map Analysis

Plan Summary – Plan ID: COD-034-Felder (Submitter: Kevin Felder)

Date Submitted: 4-13-22

Current Status: Meets the City of Dallas Redistricting Criteria

REVIEW CRITERIA FOR PLAN ACCEPTANCE

1. Maximum Deviation Less than 10%: Population Difference between most populated and least populated district divided by ideal population is less than 10%

Plan meets Criteria

Plan does not meet Criteria

Plan Max Deviation – 7.79%

2. Contiguity: All districts should be geographically contiguous.

Plan meets Criteria

Plan does not meet Criteria

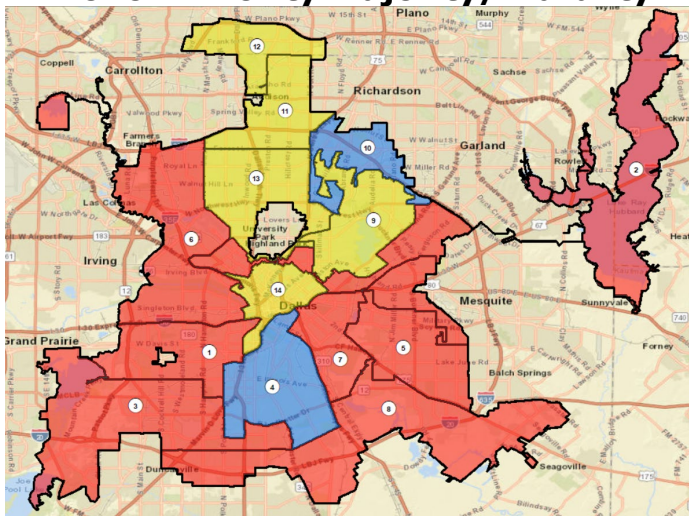
3. Unassigned Units – None

Plan meets Criteria

Plan does not meet Criteria

4. Other Map Characteristics for further evaluation:

1. No. of Minority Majority/Plurality Districts: 9



NH-Black – 2(4, 10)

Hispanic – 7

(1, 2, 3, 5, 6, 7, 8)

(NH White – Yellow, Hispanic – Red; NH Black – Blue)

Total Population by Race and Ethnicity

	Total Population	Deviation		Hispanic		NH-White		NH-Black		NH-Asian		NH-Other	
		#	%	#	%	#	%	#	%	#	%	#	%
1	93,740	570.00	0.61%	71,702	76.49%	13,358	14.25%	6,335	6.76%	724	0.77%	1,621	1.73%
2	94,208	1,038.00	1.11%	42,924	45.56%	33,202	35.24%	10,339	10.97%	4,393	4.66%	3,350	3.56%
3	90,335	-2,835.00	-3.04%	40,033	44.32%	8,180	9.06%	38,072	42.15%	1,706	1.89%	2,344	2.59%
4	95,872	2,702.00	2.90%	44,283	46.19%	4,197	4.38%	44,771	46.70%	462	0.48%	2,159	2.25%
5	93,471	301.00	0.32%	73,422	78.55%	5,204	5.57%	13,445	14.38%	190	0.20%	1,210	1.29%
6	94,647	1,477.00	1.59%	66,909	70.69%	12,552	13.26%	11,131	11.76%	2,220	2.35%	1,835	1.94%
7	88,613	-4,557.00	-4.89%	39,563	44.65%	8,063	9.10%	38,024	42.91%	862	0.97%	2,101	2.37%
8	89,389	-3,781.00	-4.06%	41,826	46.79%	6,007	6.72%	39,425	44.10%	334	0.37%	1,797	2.01%
9	94,416	1,246.00	1.34%	17,887	18.94%	60,023	63.57%	7,196	7.62%	5,167	5.47%	4,143	4.39%
10	90,749	-2,421.00	-2.60%	25,852	28.49%	18,876	20.80%	36,543	40.27%	6,167	6.80%	3,311	3.65%
11	95,301	2,131.00	2.29%	31,140	32.68%	43,558	45.71%	12,086	12.68%	4,876	5.12%	3,641	3.82%
12	95,246	2,076.00	2.23%	19,906	20.90%	39,082	41.03%	21,572	22.65%	9,934	10.43%	4,752	4.99%
13	94,255	1,085.00	1.16%	13,738	14.58%	64,778	68.73%	6,138	6.51%	5,563	5.90%	4,038	4.28%
14	94,137	967.00	1.04%	21,989	23.36%	49,313	52.38%	13,687	14.54%	5,222	5.55%	3,926	4.17%
	1,304,379		7.79%	551,174	42.26%	366,393	28.09%	298,764	22.90%	47,820	3.67%	40,228	3.08%

Total Voting Age Population by Race and Ethnicity

	Total Voting Age Population	Hispanic		NH-White		NH-Black		NH-Asian		NH-Other	
		#	%	#	%	#	%	#	%	#	%
1	69,988	51,374	73.40%	11,787	16.84%	4,942	7.06%	636	0.91%	1,249	1.78%
2	75,703	30,926	40.85%	29,907	39.51%	8,397	11.09%	3,890	5.14%	2,583	3.41%
3	66,675	26,804	40.20%	7,251	10.88%	29,522	44.28%	1,422	2.13%	1,676	2.51%
4	68,599	28,653	41.77%	3,686	5.37%	34,378	50.11%	384	0.56%	1,498	2.18%
5	65,131	49,020	75.26%	4,635	7.12%	10,483	16.10%	152	0.23%	841	1.29%
6	68,856	46,449	67.46%	10,873	15.79%	8,373	12.16%	1,840	2.67%	1,321	1.92%
7	64,702	26,544	41.03%	7,068	10.92%	28,833	44.56%	735	1.14%	1,522	2.35%
8	60,829	25,869	42.53%	4,926	8.10%	28,564	46.96%	250	0.41%	1,220	2.01%
9	71,867	12,322	17.15%	47,651	66.30%	5,608	7.80%	3,536	4.92%	2,750	3.83%
10	68,862	17,828	25.89%	16,418	23.84%	27,519	39.96%	4,729	6.87%	2,368	3.44%
11	73,771	21,449	29.08%	36,057	48.88%	9,554	12.95%	4,179	5.66%	2,532	3.43%
12	79,006	14,922	18.89%	34,787	44.03%	16,950	21.45%	8,748	11.07%	3,599	4.56%
13	79,682	10,750	13.49%	55,931	70.19%	5,370	6.74%	4,741	5.95%	2,890	3.63%
14	86,034	18,052	20.98%	47,790	55.55%	11,764	13.67%	4,949	5.75%	3,479	4.04%
	999,705	380,962	38.11%	318,767	31.89%	230,257	23.03%	40,191	4.02%	29,528	2.95%

The Majority/Plurality District percentages are in bold

2. No. of Neighborhoods splits - 49 out of 443 Neighborhood Associations

3. Compactness analysis for each district:

District	Area:	Perimeter:	Reock	Polsby-Popper	Convex Hull Ratio:	Schwartzberg
District 1	20.52	33.33	0.27	0.23	0.70	0.48
District 2	55.37	135.71	0.08	0.04	0.25	0.19
District 3	45.84	58.92	0.24	0.17	0.60	0.41
District 4	25.33	25.88	0.34	0.48	0.83	0.69
District 5	21.52	26.54	0.32	0.38	0.80	0.62
District 6	42.55	66.74	0.18	0.12	0.46	0.35
District 7	22.50	41.23	0.20	0.17	0.51	0.41
District 8	51.75	68.08	0.15	0.14	0.51	0.37
District 9	21.68	37.52	0.18	0.19	0.51	0.44
District 10	13.03	41.46	0.25	0.10	0.53	0.31
District 11	16.55	25.87	0.31	0.31	0.72	0.56
District 12	13.21	22.87	0.25	0.32	0.64	0.56
District 13	22.66	38.70	0.35	0.19	0.70	0.44
District 14	10.85	22.04	0.26	0.28	0.69	0.53
Average	27.38	46.06	0.24	0.22	0.61	0.45



City of Dallas

2021/22 City of Dallas Redistricting Plan Submission - COD-034-Felder on 4-13-22

Map Meets the Redistricting Criteria

General Information	
Plan-ID	COD-034-Felder
Submitted By	Kevin Felder
Submitted On	4/13/2022
Status	Meets Criteria
Deviation, Area and Perimeter	
Maximum Deviation	7.79%
Average Area	27.38
Average Perimeter	46.06
Average Compactness Scores	
Average Reock Score	0.24
Average Polsby-Popper Score	0.22
Average Convex Hull Score	0.61
Average Schwartzberg Score	0.45
Minority Majority Districts	
Number of Minority/Plurality Districts (2 NH-Black, 7 Hisp)	
Number of Neighborhood splits	49

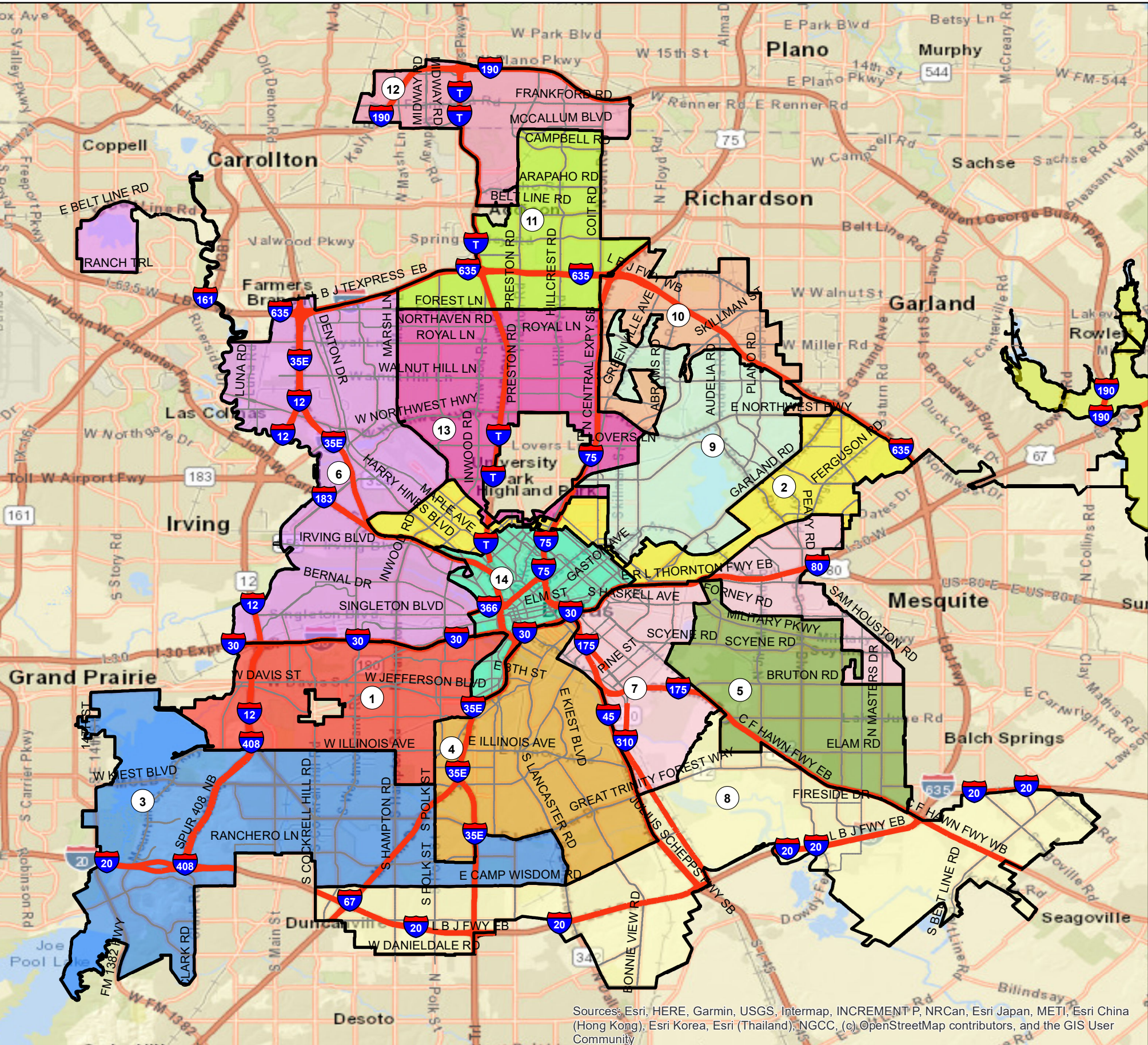
Highways

Districts

	1		8
	2		9
	3		10
	4		11
	5		12
	6		13
	7		14

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Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

