



City of Dallas 2021-22 Redistricting

Submitted Map Analysis

Plan Summary – Plan ID: COD-039-Felder (Submitter: Kevin Felder)

Date Submitted: 4-15-22

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 – 6.37%

2. Contiguity: All districts should be geographically contiguous.

Plan meets Criteria

Plan does not meet Criteria

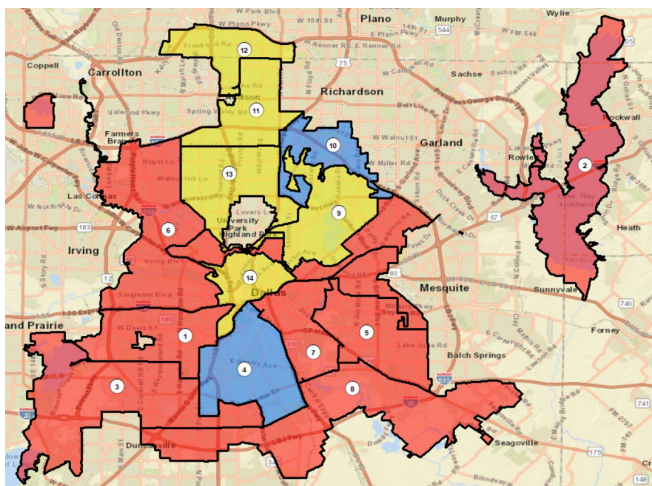
3. Unassigned Units – None

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	94,349	1,179.00	1.27%	42,949	45.52%	33,231	35.22%	10,418	11.04%	4,395	4.66%	3,356	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	94,926	1,756.00	1.88%	43,965	46.32%	3,980	4.19%	44,440	46.82%	444	0.47%	2,097	2.21%
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	89,617	-3,553.00	-3.81%	39,901	44.52%	8,302	9.26%	38,367	42.81%	884	0.99%	2,163	2.41%
8	89,368	-3,802.00	-4.08%	41,807	46.78%	6,007	6.72%	39,424	44.11%	333	0.37%	1,797	2.01%
9	94,275	1,105.00	1.19%	17,862	18.95%	59,994	63.64%	7,117	7.55%	5,165	5.48%	4,137	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	94,100	930.00	1.00%	21,988	23.37%	49,291	52.38%	13,676	14.53%	5,219	5.55%	3,926	4.17%
	1,304,379	6.37%		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	75,803	30,939	40.82%	29,933	39.49%	8,452	11.15%	3,892	5.13%	2,587	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	67,891	28,412	41.85%	3,491	5.14%	34,176	50.34%	367	0.54%	1,445	2.13%
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	65,464	26,801	40.94%	7,285	11.13%	29,047	44.37%	756	1.15%	1,575	2.41%
8	60,812	25,854	42.51%	4,926	8.10%	28,563	46.97%	249	0.41%	1,220	2.01%
9	71,767	12,309	17.15%	47,625	66.36%	5,553	7.74%	3,534	4.92%	2,746	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	85,997	18,051	20.99%	47,768	55.55%	11,753	13.67%	4,946	5.75%	3,479	4.05%
	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 - 51 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	55.38	136.21	0.08	0.04	0.25	0.19
District 3	45.84	58.92	0.24	0.17	0.60	0.41
District 4	24.83	25.20	0.35	0.49	0.84	0.70
District 5	21.51	27.09	0.32	0.37	0.80	0.61
District 6	42.55	66.74	0.18	0.12	0.46	0.35
District 7	24.16	43.14	0.20	0.16	0.54	0.40
District 8	50.59	65.79	0.15	0.15	0.55	0.38
District 9	21.67	37.03	0.31	0.20	0.71	0.45
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	22.15	0.26	0.28	0.69	0.53
Average	27.38	46.03	0.25	0.22	0.62	0.45



2021/22 City of Dallas Redistricting Plan Submission - COD-039-Felder on 4/15/22

Map Meets the Redistricting Criteria

General Information	
Plan-ID	COD-039-Felder
Submitted By	Kevin Felder
Submitted On	4/15/2022
Status	Meets Criteria
Deviation, Area and Perimeter	
Maximum Deviation	6.37%
Average Area	27.38
Average Perimeter	46.03
Average Compactness Scores	
Average Reock Score	0.25
Average Polsby-Popper Score	0.22
Average Convex Hull Score	0.62
Average Schwartzberg Score	0.45
Minority Majority Districts	
Number of Minority/Plurality Districts (2 NH-Black, 7 Hisp)	
Number of Neighborhood splits	51

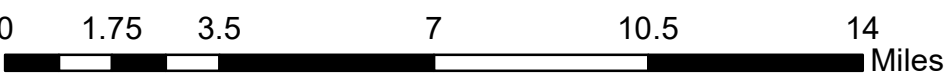
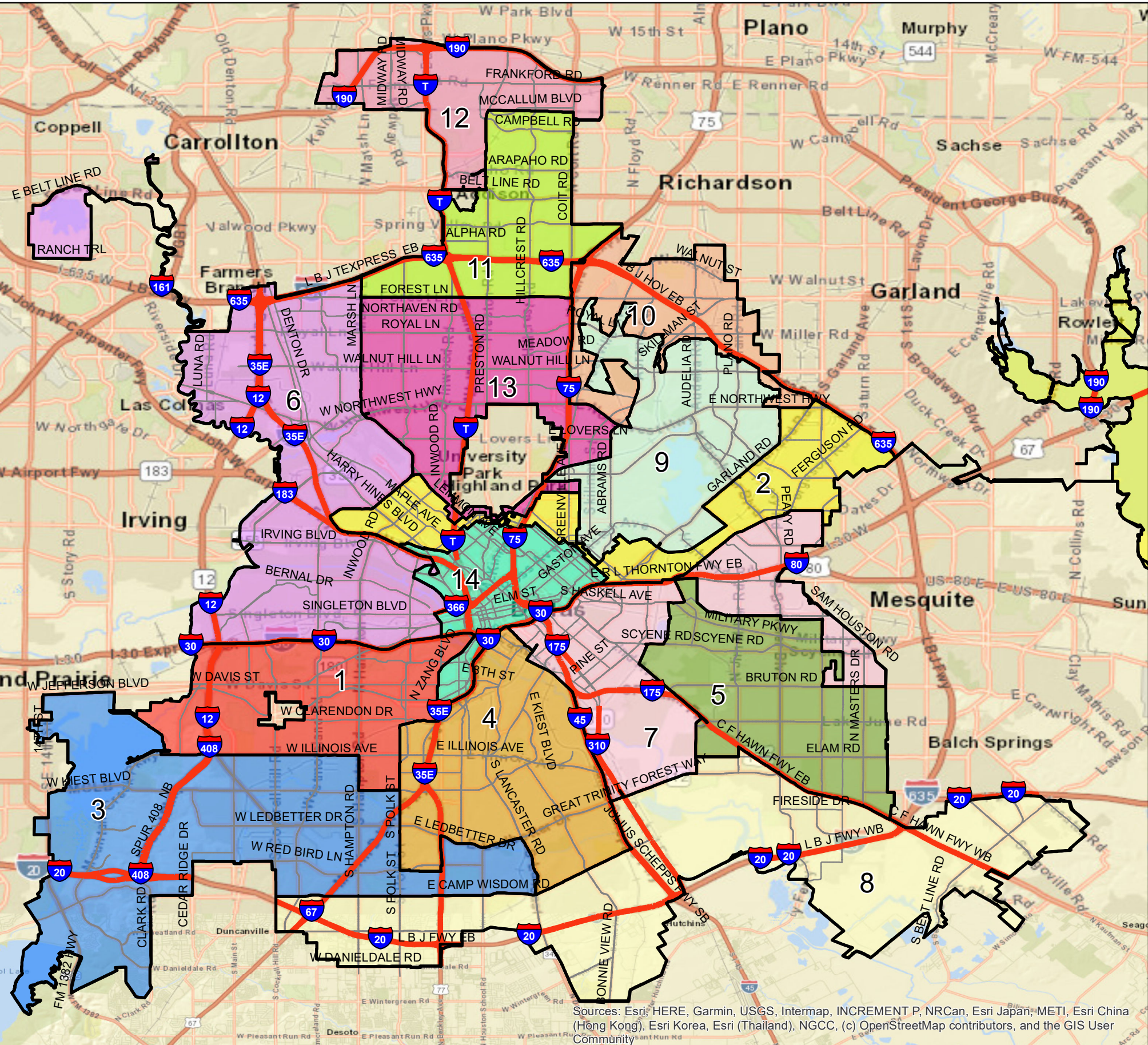
Highways

Districts

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

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Demographic Data Source: 2020 - PL94-171 Data from Bureau of Census; Geography: 2020 Census Blocks from the Bureau of Census; Districts: As Drawn by the Plan Submitter

