



## City of Dallas 2021-22 Redistricting

### Submitted Map Analysis

**Plan Summary** – Plan ID: COD-015-Betzen (Submitter: Bill Betzen)

**Date Submitted:** - 2-16-22

**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 – 8.97%

**2. Contiguity:** All districts should be geographically contiguous.

**Plan meets Criteria**

**Plan does not meet Criteria**

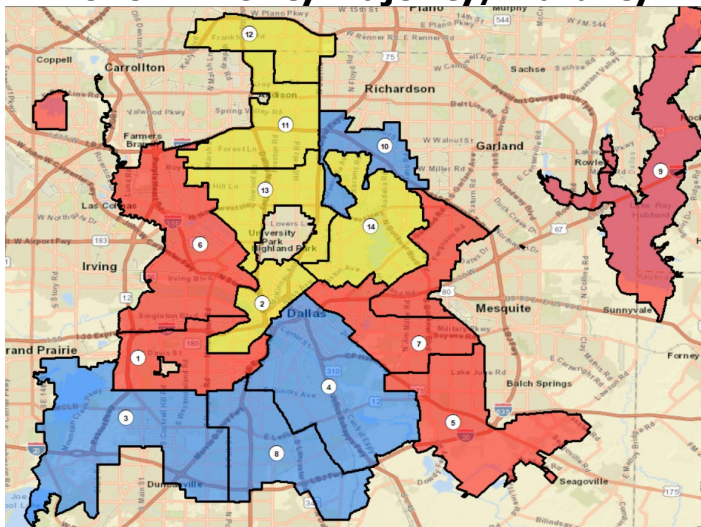
**3. Unassigned Units – None**

**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 – 4

(3, 4, 8, 10)

Hispanic – 5

(1, 5, 6, 7, 9)

(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	90,379	-2,791.00	-3.00%	71,735	<b>79.37%</b>	9,746	10.78%	6,646	7.35%	678	0.75%	1,574	1.74%
2	92,754	-416.00	-0.45%	18,183	19.60%	53,651	57.84%	11,938	12.87%	5,101	5.50%	3,881	4.18%
3	91,014	-2,156.00	-2.31%	36,394	39.99%	7,824	8.60%	42,693	<b>46.91%</b>	1,722	1.89%	2,381	2.62%
4	90,016	-3,154.00	-3.39%	29,145	32.38%	9,162	10.18%	48,209	<b>53.56%</b>	1,120	1.24%	2,380	2.64%
5	90,011	-3,159.00	-3.39%	67,560	<b>75.06%</b>	7,347	8.16%	13,413	14.90%	264	0.29%	1,427	1.59%
6	90,515	-2,655.00	-2.85%	66,485	<b>73.45%</b>	7,944	8.78%	11,275	12.46%	3,137	3.47%	1,674	1.85%
7	91,420	-1,750.00	-1.88%	60,199	<b>65.85%</b>	8,732	9.55%	20,070	21.95%	682	0.75%	1,737	1.90%
8	89,993	-3,177.00	-3.41%	41,684	46.32%	3,284	3.65%	42,687	<b>47.43%</b>	447	0.50%	1,891	2.10%
9	90,179	-2,991.00	-3.21%	49,543	<b>54.94%</b>	16,214	17.98%	19,551	21.68%	2,538	2.81%	2,333	2.59%
10	94,805	1,635.00	1.75%	33,182	35.00%	14,134	14.91%	36,371	<b>38.36%</b>	7,871	8.30%	3,247	3.42%
11	98,321	5,151.00	5.53%	27,142	27.61%	48,757	49.59%	12,970	13.19%	5,551	5.65%	3,901	3.97%
12	98,347	5,177.00	5.56%	19,305	19.63%	44,267	45.01%	19,936	20.27%	9,918	10.08%	4,921	5.00%
13	98,272	5,102.00	5.48%	15,883	16.16%	64,355	65.49%	7,879	8.02%	6,042	6.15%	4,113	4.19%
14	98,353	5,183.00	5.56%	14,734	14.98%	70,976	72.16%	5,126	5.21%	2,749	2.80%	4,768	4.85%
	1,304,379		8.97%	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	66,922	51,234	<b>76.56%</b>	8,765	13.10%	5,118	7.65%	585	0.87%	1,220	1.82%
2	85,839	15,525	18.09%	51,694	60.22%	10,316	12.02%	4,888	5.69%	3,416	3.98%
3	66,310	24,388	36.78%	6,922	10.44%	31,872	<b>48.07%</b>	1,438	2.17%	1,690	2.55%
4	67,490	19,029	28.20%	8,672	12.85%	37,010	<b>54.84%</b>	954	1.41%	1,825	2.70%
5	61,012	43,547	<b>71.37%</b>	6,126	10.04%	10,194	16.71%	193	0.32%	952	1.56%
6	65,925	46,295	<b>70.22%</b>	7,140	10.83%	8,566	12.99%	2,675	4.06%	1,249	1.89%
7	65,980	41,032	<b>62.19%</b>	7,816	11.85%	15,218	23.06%	622	0.94%	1,292	1.96%
8	64,652	27,089	41.90%	2,858	4.42%	33,037	<b>51.10%</b>	378	0.58%	1,290	2.00%
9	66,756	33,959	<b>50.87%</b>	14,320	21.45%	14,801	22.17%	1,975	2.96%	1,701	2.55%
10	70,270	22,409	31.89%	12,530	17.83%	27,333	<b>38.90%</b>	5,676	8.08%	2,322	3.30%
11	78,855	19,348	24.54%	41,501	52.63%	10,402	13.19%	4,778	6.06%	2,826	3.58%
12	79,342	14,187	17.88%	37,446	47.20%	15,526	19.57%	8,640	10.89%	3,543	4.47%
13	83,796	12,558	14.99%	56,152	67.01%	6,829	8.15%	5,241	6.25%	3,016	3.60%
14	76,556	10,362	13.54%	56,825	74.23%	4,035	5.27%	2,148	2.81%	3,186	4.16%
	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 - 50 out of 443 Neighborhood Associations**

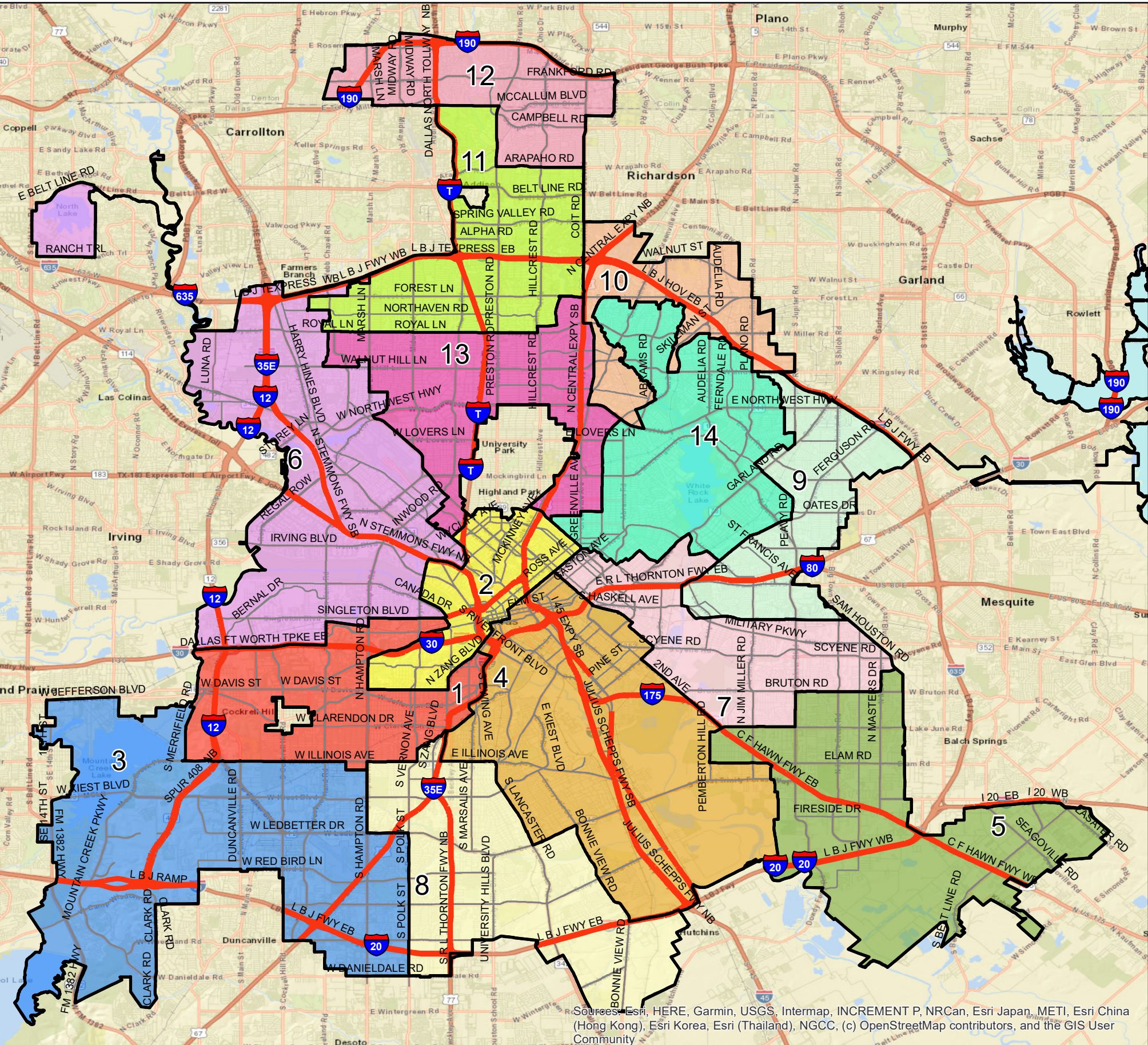
**3. Compactness analysis for each district:**

District	Area:	Perimeter:	Reock	Polsby-Popper	Convex Hull Ratio:	Schwartzberg
District 1	19.55	32.32	0.35	0.24	0.77	0.48
District 2	10.93	19.63	0.27	0.36	0.77	0.60
District 3	46.74	53.64	0.35	0.20	0.67	0.45
District 4	41.23	32.54	0.18	0.49	0.56	0.70
District 5	32.40	42.47	0.26	0.23	0.63	0.48
District 6	41.04	68.86	0.17	0.11	0.38	0.33
District 7	18.20	26.14	0.24	0.33	0.72	0.58
District 8	27.66	32.05	0.29	0.34	0.71	0.58
District 9	53.82	118.69	0.13	0.05	0.32	0.22
District 10	12.05	33.32	0.26	0.14	0.55	0.37
District 11	20.65	29.12	0.32	0.31	0.66	0.55
District 12	14.12	20.47	0.29	0.42	0.75	0.65
District 13	20.21	36.60	0.27	0.19	0.59	0.44
District 14	24.74	33.56	0.35	0.28	0.74	0.53
<b>Average</b>	<b>27.38</b>	<b>41.39</b>	<b>0.27</b>	<b>0.26</b>	<b>0.63</b>	<b>0.50</b>



# 2021/22 City of Dallas Redistricting Plan Submission - COD-015-Betzen on 2-16-22

## Map Meets the Redistricting Criteria



**Highways**

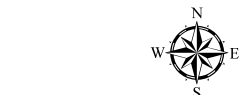
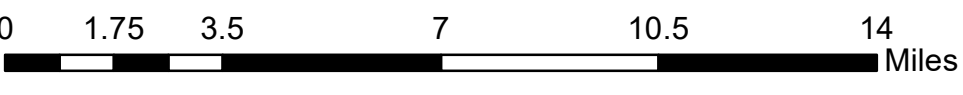
**Districts**

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

General Information	
Plan-ID	COD-015-Betzen
Submitted By	Bill Betzen
Submitted On	2/16/2022
Status	Meets Criteria
Deviation, Area and Perimeter	
Maximum Deviation	8.97%
Average Area	27.38
Average Perimeter	41.39
Average Compactness Scores	
Average Reock Score	0.27
Average Polsby-Popper Score	0.26
Average Convex Hull Score	0.63
Average Schwartzberg Score	0.50
Minority Majority Districts	
Number of Minority/Plurality Districts	9
Number of Neighborhood splits	50

District	Total Population		Deviation		Hispanic		NH-White		NH-Black		NH-Asian		NH-Other	
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<b>Total</b>	<b>1,304,379</b>	<b>8.97%</b>		<b>551,174</b>	<b>42.26%</b>	<b>366,393</b>	<b>28.09%</b>	<b>298,764</b>	<b>22.90%</b>	<b>47,820</b>	<b>3.67%</b>	<b>40,228</b>	<b>3.08%</b>	

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<b>Total</b>	<b>999,705</b>	<b>380,962</b>	<b>38.11%</b>	<b>318,767</b>	<b>31.89%</b>	<b>230,257</b>	<b>23.03%</b>	<b>40,191</b>	<b>4.02%</b>	<b>29,528</b>	<b>2.95%</b>	



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

