



## City of Dallas 2011 Redistricting

Plan Summary – PlanID: cPlan16d (Caraway, Davis, DMPT  
Atkins) - Amendment 2

### GENERAL INFORMATION

**PlanID:** cPlan16d (Caraway, Davis, Deputy Mayor Pro Tem Atkins) - Amendment 2

**Modification record:** cPlan16  
cPlan16a  
cPlan16a Draft Plan Option 2/cPlan16b  
cPlan16c  
cPlan16c Draft Plan Option 1  
cPlan16d

### REVIEW CRITERIA

**1. Population Equality:** All districts should have substantially equal population.

- Meets criteria – **Deviation exceeds 5%**  
 Does not meet criteria

This plan revision meets the population equality test. The total range of deviation is **9.78%** with an average deviation of **2.87%**.

**2. Minority Representation:** Voting strength of minorities should not be diluted.

- Meets criteria  
 Does not meet criteria

This plan includes 7 minority districts and 3 minority coalition district.

**3. Contiguity and Compactness:** All districts should be geographically compact and contiguous.

- Meets criteria  
 Does not meet criteria

This plan meets the contiguity and compactness test. All districts are contiguous. On the following page are the compactness scores based on four measures of geographic compactness compared to the City as a whole.

### Other considerations

**1. Incumbents:** The configuration of districts shall be neutral to incumbents.

**2. Communities of Interest:** Where possible, communities of interest shall be maintained in a single district.

### Attachments:

1. Map and summary demographic report of proposed council districts (11x17)



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## COMPACTNESS

District	Perimeter	Area	Reock		Convex Hull		Polsby-Popper		Schwartzberg	
	(mile)	(sq. mile)	Score	Index	Score	Index	Score	Index	Score	Index
District 1	24.52	12.19	22.92	0.78	54.15	0.75	25.49	0.92	50.48	0.96
District 2	23.41	19.10	41.88	1.77	85.24	1.69	43.81	4.20	66.19	2.05
District 3	33.93	30.62	50.00	1.73	74.96	1.31	33.44	3.06	57.82	1.75
District 4	22.41	20.69	57.98	3.11	82.57	1.62	51.75	4.39	71.94	2.10
District 5	55.83	45.54	40.16	2.76	64.04	1.37	18.36	1.66	42.85	1.29
District 6	34.40	27.34	31.12	1.31	77.90	1.63	29.03	2.31	53.88	1.52
District 7	41.85	26.47	33.58	1.36	53.81	0.84	18.99	1.51	43.58	1.23
District 8	64.86	56.28	18.97	1.04	64.81	1.25	16.81	1.56	41.00	1.25
District 9	30.70	12.89	20.71	0.49	42.77	0.56	17.18	0.52	41.45	0.72
District 10	20.54	16.00	52.05	0.95	87.44	1.05	47.67	1.22	69.04	1.11
District 11	26.85	16.43	31.64	0.84	69.79	1.08	28.63	1.22	53.51	1.10
District 12	20.52	14.12	36.90	0.88	75.05	0.95	42.15	0.99	64.92	0.99
District 13	34.92	22.63	37.26	0.98	66.90	0.94	23.32	0.94	48.29	0.97
District 14	24.15	21.31	49.62	1.76	84.45	1.76	45.93	4.58	67.77	2.14
<i>Average</i>	<i>32.78</i>	<i>24.40</i>	<i>37.48</i>	<i>1.24</i>	<i>70.28</i>	<i>1.14</i>	<i>31.61</i>	<i>1.57</i>	<i>55.20</i>	<i>1.28</i>

## Previous Plan Average Compactness Scores

Plan	Perimeter	Area	Reock		Convex Hull		Polsby-Popper		Schwartzberg	
	(mile)	(sq. mile)	Score	Index	Score	Index	Score	Index	Score	Index
<i>cPlan16</i>	<i>35.87</i>	<i>24.40</i>	<i>33.78</i>	<i>1.12</i>	<i>67.44</i>	<i>1.09</i>	<i>26.82</i>	<i>1.34</i>	<i>50.44</i>	<i>1.17</i>
<i>cPlan16a</i>	<i>34.91</i>	<i>24.40</i>	<i>36.23</i>	<i>1.20</i>	<i>69.01</i>	<i>1.12</i>	<i>28.84</i>	<i>1.44</i>	<i>52.37</i>	<i>1.21</i>
<i>cPlan16b</i>	<i>34.37</i>	<i>24.40</i>	<i>36.22</i>	<i>1.20</i>	<i>69.48</i>	<i>1.13</i>	<i>30.25</i>	<i>1.51</i>	<i>53.57</i>	<i>1.24</i>
<i>cPlan16c</i>	<i>34.62</i>	<i>24.40</i>	<i>35.09</i>	<i>1.16</i>	<i>69.10</i>	<i>1.12</i>	<i>29.37</i>	<i>1.46</i>	<i>52.85</i>	<i>1.22</i>
<i>C Option 1</i>	<i>34.47</i>	<i>24.40</i>	<i>35.09</i>	<i>1.16</i>	<i>69.25</i>	<i>1.12</i>	<i>29.66</i>	<i>1.48</i>	<i>53.11</i>	<i>1.23</i>
<i>cPlan16d</i>	<i>34.62</i>	<i>24.40</i>	<i>35.52</i>	<i>1.17</i>	<i>69.01</i>	<i>1.12</i>	<i>29.05</i>	<i>1.45</i>	<i>52.66</i>	<i>1.22</i>



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## DEMOGRAPHICS

District	Total Population									Voting Age Population						
	Total Population	Deviation		Hispanic		Non-Hispanic				Total VAP	Hispanic		Non-Hispanic			
		#	%	#	%	Black		White			#	%	Black		White	
						#	%	#	%				#	%	#	%
District 1 <sup>2</sup>	84,712	-846	-0.99	44,765	52.84	5,008	5.91	32,304	38.13	67,586	29,976	44.35	4,381	6.48	30,808	45.58
District 2 <sup>1</sup>	84,316	-1,242	-1.45	58,628	69.53	18,190	21.57	6,922	8.21	54,793	35,392	64.59	12,740	23.25	6,214	11.34
District 3 <sup>1</sup>	83,648	-1,910	-2.23	58,727	70.21	16,963	20.28	6,695	8.00	57,609	37,439	64.99	12,941	22.46	6,267	10.88
District 4 <sup>1</sup>	81,817	-3,741	-4.37	35,875	43.85	42,181	51.56	3,223	3.94	57,884	21,878	37.80	32,668	56.44	2,910	5.03
District 5 <sup>1</sup>	81,512	-4,046	-4.73	30,422	37.32	39,823	48.86	9,169	11.25	57,301	18,601	32.46	29,038	50.68	8,091	14.12
District 6 <sup>1</sup>	88,463	2,905	3.40	61,802	69.86	7,966	9.00	15,609	17.64	64,128	40,779	63.59	6,277	9.79	14,479	22.58
District 7 <sup>2</sup>	84,321	-1,237	-1.45	32,882	39.00	38,770	45.98	10,482	12.43	61,456	20,936	34.07	28,887	47.00	9,879	16.07
District 8 <sup>1</sup>	81,667	-3,891	-4.55	26,716	32.71	46,445	56.87	7,835	9.59	54,731	15,522	28.36	32,366	59.14	6,367	11.63
District 9 <sup>1</sup>	87,717	2,159	2.52	50,037	57.04	17,054	19.44	17,773	20.26	61,565	31,581	51.30	11,995	19.48	15,866	25.77
District 10 <sup>2</sup>	87,505	1,947	2.28	20,333	23.24	28,046	32.05	33,189	37.93	64,435	12,871	19.98	19,782	30.70	27,214	42.23
District 11	85,271	-287	-0.34	29,584	34.69	11,252	13.20	39,635	46.48	66,918	19,750	29.51	8,667	12.95	34,538	51.61
District 12	88,629	3,071	3.59	15,229	17.18	15,130	17.07	48,928	55.21	71,443	10,858	15.20	11,690	16.36	41,267	57.76
District 13	88,362	2,804	3.28	26,321	29.79	7,430	8.41	49,289	55.78	65,622	16,662	25.39	5,437	8.29	39,789	60.63
District 14	89,876	4,318	5.05	15,988	17.79	5,376	5.98	64,152	71.38	75,217	11,657	15.50	4,274	5.68	55,662	74.00
<b>City</b>	<b>1,197,816</b>	<b>9.78</b>		<b>507,309</b>	<b>42.35</b>	<b>299,634</b>	<b>25.02</b>	<b>345,205</b>	<b>28.82</b>	<b>880,688</b>	<b>323,902</b>	<b>36.78</b>	<b>221,143</b>	<b>25.11</b>	<b>299,351</b>	<b>33.99</b>

1 - Indicates minority districts  
 2 - Indicates minority coalition district

# SUMMARY DEMOGRAPHIC REPORT

District	Total Population					Voting Age Population			
	Total Population	Deviation		Hispanic %	Non-Hispanic		Hispanic %	Non-Hispanic	
		#	%		Black %	White %		Black %	White %
District 1 <sup>2</sup>	84,712	-846	-0.99	52.84	5.91	38.13	44.35	6.48	45.58
District 2 <sup>1</sup>	84,316	-1,242	-1.45	69.53	21.57	8.21	64.59	23.25	11.34
District 3 <sup>1</sup>	83,648	-1,910	-2.23	70.21	20.28	8.00	64.99	22.46	10.88
District 4 <sup>1</sup>	81,817	-3,741	-4.37	43.85	51.56	3.94	37.80	56.44	5.03
District 5 <sup>1</sup>	81,512	-4,046	-4.73	37.32	48.86	11.25	32.46	50.68	14.12
District 6 <sup>1</sup>	88,463	2,905	3.40	69.86	9.00	17.64	63.59	9.79	22.58
District 7 <sup>2</sup>	84,321	-1,237	-1.45	39.00	45.98	12.43	34.07	47.00	16.07
District 8 <sup>1</sup>	81,667	-3,891	-4.55	32.71	56.87	9.59	28.36	59.14	11.63
District 9 <sup>1</sup>	87,717	2,159	2.52	57.04	19.44	20.26	51.30	19.48	25.77
District 10 <sup>2</sup>	87,505	1,947	2.28	23.24	32.05	37.93	19.98	30.70	42.23
District 11	85,271	-287	-0.34	34.69	13.20	46.48	29.51	12.95	51.61
District 12	88,629	3,071	3.59	17.18	17.07	55.21	15.20	16.36	57.76
District 13	88,362	2,804	3.28	29.79	8.41	55.78	25.39	8.29	60.63
District 14	89,876	4,318	5.05	17.79	5.98	71.38	15.50	5.68	74.00
City	1,197,816		9.78	42.35	25.02	28.82	36.78	25.11	33.99

1 - Indicates minority districts  
2 - Indicates minority coalition districts

## LEGEND

- Highways
  - Major Lakes
  - Major Roads
  - Waterways
- Council Districts
- District 1
  - District 2
  - District 3
  - District 4
  - District 5
  - District 6
  - District 7
  - District 8
  - District 9
  - District 10
  - District 11
  - District 12
  - District 13
  - District 14

## GENERAL INFORMATION

PlanID: cPlan16d (Caraway, Davis, DMPT Atkins) - Amendment 2

Average Deviation: 2.87%  
Total Deviation: 9.78%  
Contiguous: Yes  
Minority Representation: 7 (minority)  
Representation: 3 (minority coalition)

Average Reock Index: 1.24  
Average Convex Hull Index: 1.14  
Average Polsby-Popper Index: 1.57  
Average Schwartzberg Index: 1.28

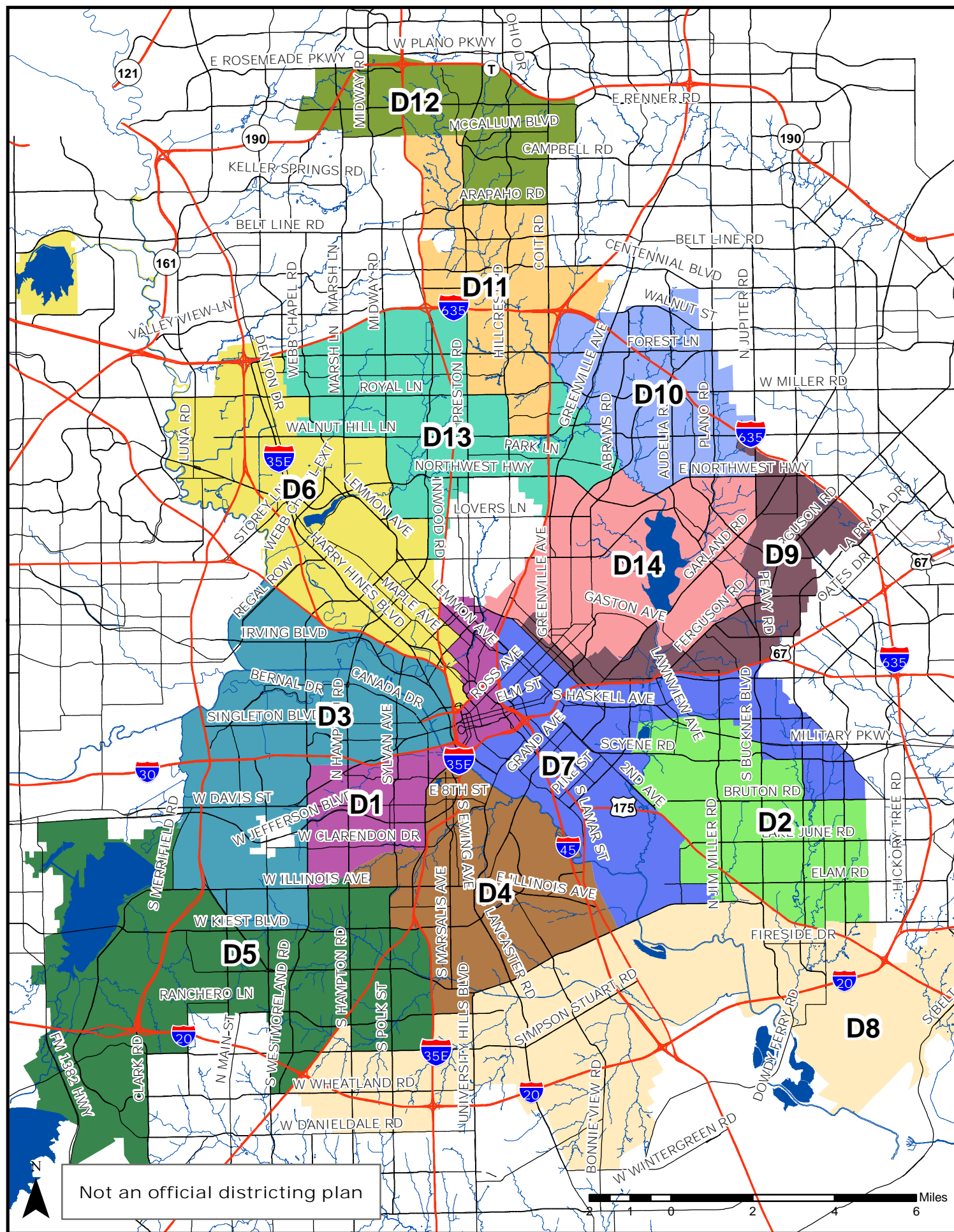
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City of Dallas GIS

\* State of Texas: **H.B. 1147 (W. Smith) - 05/27/2011, Effective on 09/01/2011**



Data Source:

Council Districts - City of Dallas, Councilmembers Caraway (D4), Davis (D7), Deputy Mayor Pro Tem Atkins (D8)  
Streets - City of Dallas, GIS Division  
Major Lakes - City of Dallas, GIS Division

Projected coordinate system name:  
NAD\_1983\_StatePlane\_Texas\_North\_Central\_FIPS\_4202\_Feet

Geographic coordinate system name:  
GCS\_North\_American\_1983