



City of Dallas 2011 Redistricting

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

Proposed Floor Amendment 10/03/11

GENERAL INFORMATION

PlanID: cPlan16d (Caraway, Davis, DMPT Atkins) 10/03/11
Proposed Floor Amendment

Sponsor: Councilmember Dwaine R. Caraway (D4)
Councilmember Carolyn R. Davis (D7)
Deputy Mayor Pro Tem Tennell Atkins (D8)

Modification record: cPlan16
cPlan16a
cPlan16a Draft Plan Option 2/cPlan16b
cPlan16c
cPlan16c Draft Plan Option 1
cPlan16d (*Commission Recommended Plan*)
cPlan16d (Jasso/Griggs/Alonzo/Koop/Margolin)
cPlan16d (Combination Map) 09/24/11
cPlan16d (Jasso , Griggs, Hunt) Combination 09/29/11

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 **8.19%** with an average deviation of **2.41%**.

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

- Meets criteria
 Does not meet criteria

This plan includes 7 minority districts and 2 minority coalition district. District 1 total Hispanic population exceeds 70% and has a Hispanic voting age population of 73.73%.

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.



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- 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	17.96	12.81	46.53	1.58	85.29	1.18	49.90	1.80	70.64	1.34
District 2	43.27	18.50	25.74	1.09	46.96	0.93	12.41	1.19	35.23	1.09
District 3	67.58	50.60	34.45	1.19	54.68	0.96	13.92	1.28	37.31	1.13
District 4	20.97	20.75	50.34	2.70	88.41	1.74	59.31	5.03	77.01	2.24
District 5	23.12	18.36	40.57	2.79	82.28	1.76	43.16	3.91	65.69	1.98
District 6	53.36	36.89	28.94	1.22	56.25	1.17	16.28	1.30	40.35	1.14
District 7	39.65	26.45	34.69	1.41	57.97	0.90	21.14	1.68	45.98	1.30
District 8	64.11	55.04	17.86	0.98	60.88	1.18	16.83	1.56	41.02	1.25
District 9	27.85	21.24	49.39	1.17	74.61	0.97	34.41	1.03	58.66	1.02
District 10	20.39	15.92	53.13	0.97	87.81	1.06	48.13	1.24	69.37	1.11
District 11	26.73	16.58	31.87	0.85	70.25	1.08	29.15	1.24	53.99	1.11
District 12	20.48	14.13	36.91	0.88	75.07	0.95	42.34	0.99	65.07	1.00
District 13	33.55	22.72	39.01	1.03	67.26	0.94	25.37	1.02	50.37	1.01
District 14	30.66	11.63	33.53	1.19	54.35	1.13	15.55	1.55	39.43	1.25
<i>Average</i>	<i>34.98</i>	<i>24.40</i>	<i>37.35</i>	<i>1.23</i>	<i>68.72</i>	<i>1.11</i>	<i>30.56</i>	<i>1.52</i>	<i>53.58</i>	<i>1.24</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>
<i>cPlan16d (09/24/11)</i>	<i>36.94</i>	<i>24.40</i>	<i>34.70</i>	<i>1.15</i>	<i>67.38</i>	<i>1.09</i>	<i>26.65</i>	<i>1.33</i>	<i>50.12</i>	<i>1.16</i>
<i>cPlan16d (09/29/11)</i>	<i>35.91</i>	<i>24.40</i>	<i>35.15</i>	<i>1.16</i>	<i>67.94</i>	<i>1.10</i>	<i>27.59</i>	<i>1.37</i>	<i>51.24</i>	<i>1.19</i>



City of Dallas 2011 Redistricting

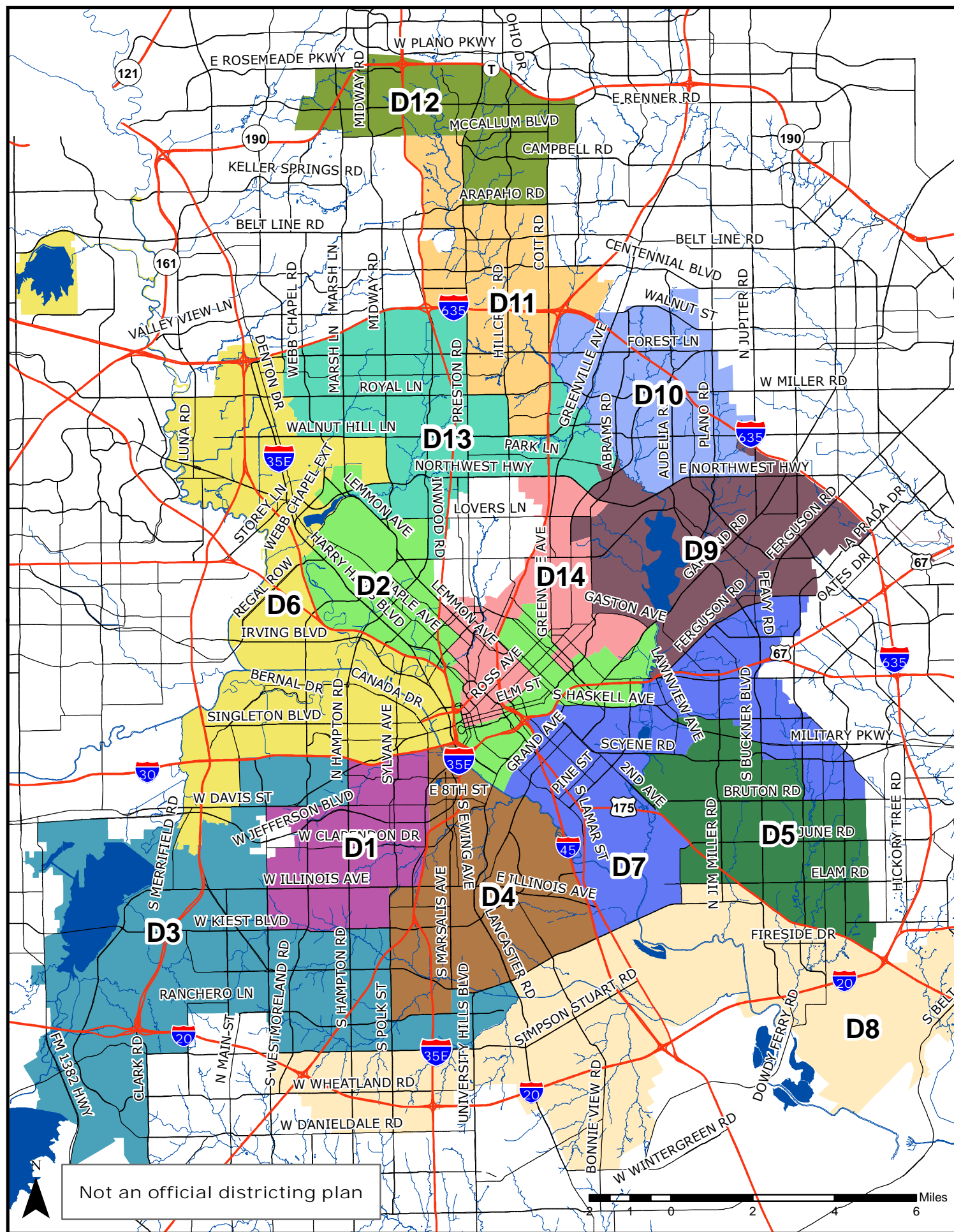
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DEMOGRAPHICS

District	Total Population									Voting Age Population						
	Total Population	Deviation		Hispanic		Non-Hispanic				Total VAP	Hispanic		Non-Hispanic			
		#	%	#	%	Black		White			#	%	Black		White	
						#	%	#	%				#	%	#	%
District 1 ¹	86,268	710	0.83	67,803	78.60	6,653	7.71	10,996	12.75	58,875	43,406	73.73	4,976	8.45	9,857	16.74
District 2 ¹	86,790	1,232	1.44	53,071	61.15	11,996	13.82	17,739	20.44	65,632	35,767	54.50	9,663	14.72	16,914	25.77
District 3 ²	88,431	2,873	3.36	39,935	45.16	36,927	41.76	9,488	10.73	61,861	24,674	39.89	27,130	43.86	8,459	13.67
District 4 ¹	83,496	-2,062	-2.41	33,516	40.14	45,531	54.53	3,425	4.10	59,301	20,276	34.19	35,206	59.37	3,039	5.12
District 5 ¹	81,619	-3,939	-4.60	57,659	70.64	16,837	20.63	6,579	8.06	52,996	34,747	65.57	11,942	22.53	5,888	11.11
District 6 ¹	82,119	-3,439	-4.02	58,122	70.78	13,911	16.94	8,940	10.89	57,571	37,644	65.39	10,832	18.82	8,183	14.21
District 7 ¹	81,841	-3,717	-4.34	31,269	38.21	40,040	48.92	9,091	11.11	57,847	19,248	33.27	29,364	50.76	8,169	14.12
District 8 ¹	84,682	-876	-1.02	26,561	31.37	49,689	58.68	7,728	9.13	56,373	15,466	27.44	34,145	60.57	6,269	11.12
District 9	88,483	2,925	3.42	34,229	38.68	10,414	11.77	40,734	46.04	65,976	21,584	32.71	7,448	11.29	34,621	52.48
District 10 ²	87,504	1,946	2.27	20,332	23.24	28,046	32.05	33,189	37.93	64,434	12,870	19.97	19,782	30.70	27,214	42.24
District 11	85,272	-286	-0.33	29,585	34.69	11,252	13.20	39,635	46.48	66,919	19,751	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	87,236	1,678	1.96	26,859	30.79	6,969	7.99	48,116	55.16	64,971	17,073	26.28	5,134	7.90	39,042	60.09
District 14	85,446	-112	-0.13	13,139	15.38	6,239	7.30	60,617	70.94	76,489	10,538	13.78	5,164	6.75	55,891	73.07
City	1,197,816	8.19		507,309	42.35	299,634	25.02	345,205	28.82	880,688	323,902	36.78	221,143	25.11	299,351	33.99

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 ¹	86,268	710	0.83	78.60	7.71	12.75	73.73	8.45	16.74
District 2 ¹	86,790	1,232	1.44	61.15	13.82	20.44	54.50	14.72	25.77
District 3 ²	88,431	2,873	3.36	45.16	41.76	10.73	39.89	43.86	13.67
District 4 ¹	83,496	-2,062	-2.41	40.14	54.53	4.10	34.19	59.37	5.12
District 5 ¹	81,619	-3,939	-4.60	70.64	20.63	8.06	65.57	22.53	11.11
District 6 ¹	82,119	-3,439	-4.02	70.78	16.94	10.89	65.39	18.82	14.21
District 7 ¹	81,841	-3,717	-4.34	38.21	48.92	11.11	33.27	50.76	14.12
District 8 ¹	84,682	-876	-1.02	31.37	58.68	9.13	27.44	60.57	11.12
District 9	88,483	2,925	3.42	38.68	11.77	46.04	32.71	11.29	52.48
District 10 ²	87,504	1,946	2.27	23.24	32.05	37.93	19.97	30.70	42.24
District 11	85,272	-286	-0.33	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	87,236	1,678	1.96	30.79	7.99	55.16	26.28	7.90	60.09
District 14	85,446	-112	-0.13	15.38	7.30	70.94	13.78	6.75	73.07
City	1,197,816		8.19	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

Data Source:

Council Districts - City of Dallas, Councilmembers Caraway (D4), Davis (D7), DMPT 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

GENERAL INFORMATION

PlanID: cPlan16d - Caraway (D4), Davis (D7), DMPT Atkins (D8) - 10/03/11
Proposed Floor Amendment

Average Deviation: 2.41%
Total Deviation: 8.19%
Contiguous: Yes
Minority Representation: 7 (minority)
Minority Coalition Representation: 2 (minority coalition)

Average Reock Index: 1.23
Average Convex Hull Index: 1.11
Average Polsby-Popper Index: 1.52
Average Schwartzberg Index: 1.24

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