



## GENERAL INFORMATION

**PlanID:** cPlan16d  
**Sponsor:** Councilmember Vonciel Jones Hill (D5)  
**Modification record:** cPlan16  
cPlan16a  
cPlan16a Draft Plan Option 2/cPlan16b  
cPlan16c  
cPlan16c Draft Plan Option 1  
cPlan16d  
cPlan16d (Hill – 09/24/2011)

## 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 **8.70%** with an average deviation of **2.53%**.

**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 70.41%.

**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)



**COMPACTNESS**

District	Perimeter	Area	Reock		Convex Hull		Polsby-Popper		Schwartzberg	
	(mile)	(sq. mile)	Score	Index	Score	Index	Score	Index	Score	Index
District 1	22.65	14.72	36.03	1.22	76.03	1.06	36.05	1.30	60.04	1.14
District 2	21.30	10.04	32.19	1.36	63.71	1.26	27.82	2.66	52.74	1.63
District 3	44.08	42.02	37.31	1.29	71.68	1.25	27.18	2.49	52.13	1.58
District 4	30.89	20.72	37.12	1.99	67.65	1.33	27.29	2.32	52.24	1.52
District 5	69.83	34.44	11.32	0.78	42.53	0.91	8.88	0.80	29.79	0.90
District 6	39.28	33.47	39.07	1.65	71.65	1.50	27.27	2.17	52.22	1.47
District 7	39.87	27.46	28.19	1.14	62.10	0.97	21.70	1.73	46.59	1.31
District 8	69.27	52.34	16.99	0.93	55.72	1.08	13.71	1.27	37.02	1.13
District 9	26.84	21.80	46.50	1.10	78.82	1.03	38.02	1.14	61.66	1.07
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	33.34	22.85	37.70	0.99	67.48	0.94	25.83	1.04	50.83	1.02
District 14	17.56	15.14	56.80	2.02	88.69	1.85	61.71	6.15	78.56	2.48
<i>Average</i>	<i>34.46</i>	<i>24.40</i>	<i>35.80</i>	<i>1.18</i>	<i>69.94</i>	<i>1.13</i>	<i>31.08</i>	<i>1.55</i>	<i>54.45</i>	<i>1.26</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 (Hill)</i>	<i>33.77</i>	<i>24.40</i>	<i>34.62</i>	<i>1.14</i>	<i>70.90</i>	<i>1.15</i>	<i>32.01</i>	<i>1.59</i>	<i>55.21</i>	<i>1.28</i>

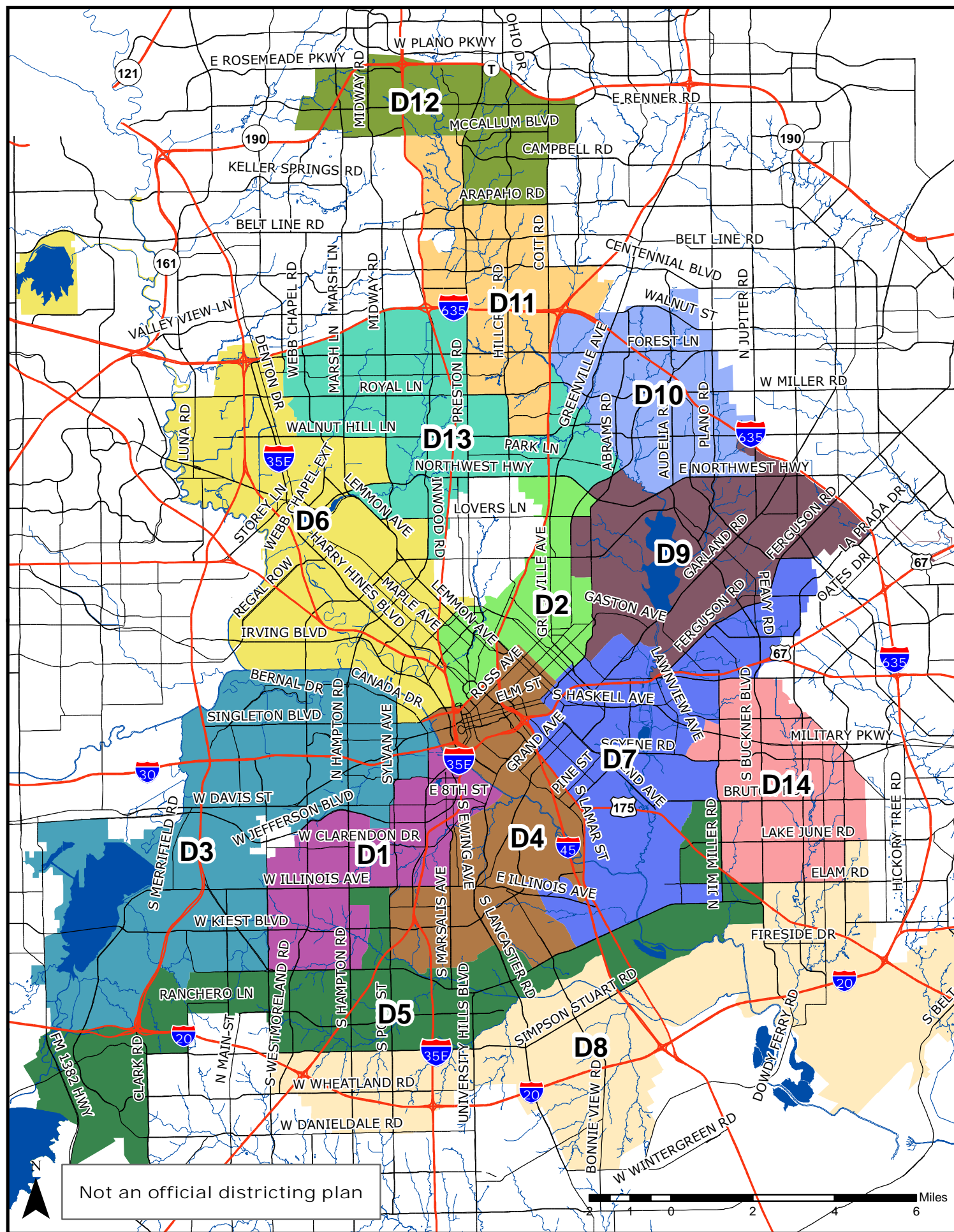


**DEMOGRAPHICS**

District	Total Population									Voting Age Population						
	Total Population	Deviation		Hispanic		Non-Hispanic				Total VAP	Hispanic		Non-Hispanic			
		#	%	#	%	Black		White			#	%	Black		White	
						#	%	#	%				#	%	#	%
District 1 <sup>1</sup>	84,125	-1,433	-1.67	63,359	75.32	11,938	14.19	8,083	9.61	57,726	40,644	70.41	9,078	15.73	7,396	12.81
District 2	88,788	3,230	3.78	23,847	26.86	6,001	6.76	53,490	60.24	76,710	17,330	22.59	4,926	6.42	49,637	64.71
District 3 <sup>1</sup>	81,909	-3,649	-4.26	56,955	69.53	13,857	16.92	9,337	11.40	54,876	35,814	65.26	9,430	17.18	8,276	15.08
District 4 <sup>1</sup>	82,519	-3,039	-3.55	26,921	32.62	40,618	49.22	12,996	15.75	64,209	17,301	26.94	32,769	51.03	12,486	19.45
District 5 <sup>1</sup>	82,549	-3,009	-3.52	30,243	36.64	44,936	54.44	6,146	7.45	57,762	18,331	31.74	33,187	57.45	5,359	9.28
District 6 <sup>1</sup>	84,425	-1,133	-1.32	59,133	70.04	7,674	9.09	14,672	17.38	61,356	39,097	63.72	6,130	9.99	13,661	22.27
District 7 <sup>2</sup>	85,186	-372	-0.43	36,931	43.35	35,501	41.67	11,337	13.31	60,401	23,165	38.35	26,076	43.17	10,108	16.73
District 8 <sup>1</sup>	86,259	701	0.82	32,029	37.13	44,908	52.06	8,591	9.96	57,276	18,715	32.68	30,998	54.12	7,038	12.29
District 9	87,992	2,434	2.84	31,061	35.30	10,040	11.41	43,772	49.75	66,642	19,845	29.78	7,278	10.92	37,177	55.79
District 10 <sup>2</sup>	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	89,354	3,796	4.44	28,043	31.38	7,591	8.50	48,350	54.11	66,384	17,781	26.79	5,567	8.39	39,257	59.14
District 14 <sup>1</sup>	83,305	-2,253	-2.63	53,641	64.39	22,142	26.58	6,679	8.02	54,550	32,400	59.40	15,565	28.53	5,937	10.88
<b>City</b>	<b>1,197,816</b>	<b>8.70</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>1</sup>	84,125	-1,433	-1.67	75.32	14.19	9.61	70.41	15.73	12.81
District 2	88,788	3,230	3.78	26.86	6.76	60.24	22.59	6.42	64.71
District 3 <sup>1</sup>	81,909	-3,649	-4.26	69.53	16.92	11.40	65.26	17.18	15.08
District 4 <sup>1</sup>	82,519	-3,039	-3.55	32.62	49.22	15.75	26.94	51.03	19.45
District 5 <sup>1</sup>	82,549	-3,009	-3.52	36.64	54.44	7.45	31.74	57.45	9.28
District 6 <sup>1</sup>	84,425	-1,133	-1.32	70.04	9.09	17.38	63.72	9.99	22.27
District 7 <sup>2</sup>	85,186	-372	-0.43	43.35	41.67	13.31	38.35	43.17	16.73
District 8 <sup>1</sup>	86,259	701	0.82	37.13	52.06	9.96	32.68	54.12	12.29
District 9	87,992	2,434	2.84	35.30	11.41	49.75	29.78	10.92	55.79
District 10 <sup>2</sup>	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	89,354	3,796	4.44	31.38	8.50	54.11	26.79	8.39	59.14
District 14 <sup>1</sup>	83,305	-2,253	-2.63	64.39	26.58	8.02	59.40	28.53	10.88
City	1,197,816		8.70	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, Councilmember Hill (D5)  
 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 - Hill (D5)

Average Deviation: 2.53%  
 Total Deviation: 8.70%  
 Contiguous: Yes  
 Minority: 7 (minority)  
 Representation: 2 (minority coalition)

Average Reock Index: 1.18  
 Average Convex Hull Index: 1.13  
 Average Polsby-Popper Index: 1.55  
 Average Schwartzberg Index: 1.26

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