



Plan Consideration Date: June 30, 2011

GENERAL INFORMATION

PlanID: wPlan24a

Original Plan: wPlan24

REVIEW CRITERIA

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

- Meets criteria
 Does not meet criteria

This plan submission meets the population equality test. All districts have less than a 2% percent deviation from the optimal district size, with an average deviation of **1.06%**. The total range of deviation is **3.94%**.

The deviation range increased from 2.82% to 3.94%.
The average deviation increased from 0.71% to 1.06%

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

- Meets criteria
 Does not meet criteria

This plan includes 8 minority districts and 2 minority coalition districts. There is no regression noted from the existing 2001 District Plan. No packing is noted.

The original wPlan24 submission had 8 minority districts and 2 minority coalition districts, with no packing noted.

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	25.62	13.64	34.04	1.16	57.15	0.79	26.11	0.94	51.10	0.97
District 2	29.62	16.78	21.68	0.92	67.72	1.34	24.04	2.30	49.03	1.52
District 3	35.34	33.82	49.50	1.72	81.34	1.42	34.03	3.12	58.34	1.77
District 4	40.01	39.75	37.47	2.01	77.05	1.52	31.21	2.65	55.86	1.63
District 5	58.04	45.53	40.27	2.77	64.45	1.38	16.98	1.54	41.21	1.24
District 6	39.22	25.49	36.69	1.55	64.48	1.35	20.83	1.66	45.64	1.29
District 7	45.02	34.03	36.07	1.46	66.03	1.03	21.10	1.68	45.94	1.30
District 8	38.84	31.07	33.72	1.84	62.36	1.21	25.88	2.40	50.88	1.55
District 9	27.96	14.27	35.01	0.83	58.59	0.76	22.94	0.69	47.89	0.83
District 10	19.74	15.70	57.66	1.05	87.59	1.05	50.63	1.30	71.15	1.14
District 11	23.56	16.16	53.34	1.42	77.40	1.19	36.59	1.56	60.49	1.25
District 12	20.59	14.62	38.21	0.91	80.64	1.02	43.36	1.02	65.85	1.01
District 13	28.28	20.49	39.86	1.05	69.67	0.97	32.19	1.29	56.74	1.14
District 14	32.05	20.25	29.88	1.06	63.64	1.33	24.78	2.47	49.78	1.57
<i>Average</i>	<i>33.13</i>	<i>24.40</i>	<i>38.82</i>	<i>1.28</i>	<i>69.87</i>	<i>1.13</i>	<i>29.33</i>	<i>1.46</i>	<i>53.56</i>	<i>1.24</i>

wPlan24 Original Average Compactness Scores

District	Perimeter	Area	Reock		Convex Hull		Polsby-Popper		Schwartzberg	
	(mile)	(sq. mile)	Score	Index	Score	Index	Score	Index	Score	Index
<i>Average</i>	<i>32.96</i>	<i>24.40</i>	<i>39.58</i>	<i>1.31</i>	<i>70.73</i>	<i>1.15</i>	<i>29.68</i>	<i>1.48</i>	<i>53.92</i>	<i>1.25</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 ¹	83,850	-1,708	-2.00	58,574	69.86	8,688	10.36	15,344	18.30	60,879	38,173	62.70	7,075	11.62	14,525	23.86
District 2 ¹	85,237	-321	-0.38	52,225	61.27	15,195	17.83	16,297	19.12	60,167	33,349	55.43	10,960	18.22	14,645	24.34
District 3 ¹	87,218	1,660	1.94	60,434	69.29	16,017	18.36	9,377	10.75	60,047	38,513	64.14	12,004	19.99	8,470	14.11
District 4 ¹	84,281	-1277	-1.49	17,738	21.05	47,399	56.24	16,675	19.79	65,216	11,525	17.67	35,354	54.21	16,187	24.82
District 5 ¹	84,279	-1279	-1.49	27,319	32.41	46,400	55.06	8,678	10.30	58,788	16,582	28.21	33,122	56.34	7,678	13.06
District 6 ¹	86,257	699	0.82	60,325	69.94	6,508	7.54	16,455	19.08	61,551	39,341	63.92	5,076	8.25	14,683	23.86
District 7 ¹	86,541	983	1.15	58,165	67.21	16,621	19.21	11,050	12.77	55,691	34,469	61.89	11,463	20.58	9,232	16.58
District 8 ¹	84,155	-1,403	-1.64	25,917	30.80	54,731	65.04	2,664	3.17	59,875	15,407	25.73	41,460	69.24	2,377	3.97
District 9 ²	86,254	696	0.81	43,970	50.98	21,797	25.27	17,604	20.41	60,518	27,329	45.16	15,317	25.31	15,732	26.00
District 10 ²	85,484	-74	-0.09	19,275	22.55	27,768	32.48	32,552	38.08	62,988	12,215	19.39	19,599	31.12	26,647	42.30
District 11	85,252	-306	-0.36	28,835	33.82	10,579	12.41	41,155	48.27	65,879	19,061	28.93	8,058	12.23	34,902	52.98
District 12	85,938	380	0.44	14,893	17.33	14,996	17.45	46,800	54.46	69,758	10,660	15.28	11,616	16.65	39,929	57.24
District 13	86,752	1,194	1.40	22,258	25.66	8,298	9.57	49,920	57.54	67,008	14,667	21.89	6,339	9.46	41,356	61.72
District 14	86,318	760	0.89	17,381	20.14	4,637	5.37	60,634	70.24	72,323	12,611	17.44	3,700	5.12	52,988	73.27
City	1,197,816	3.94%		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

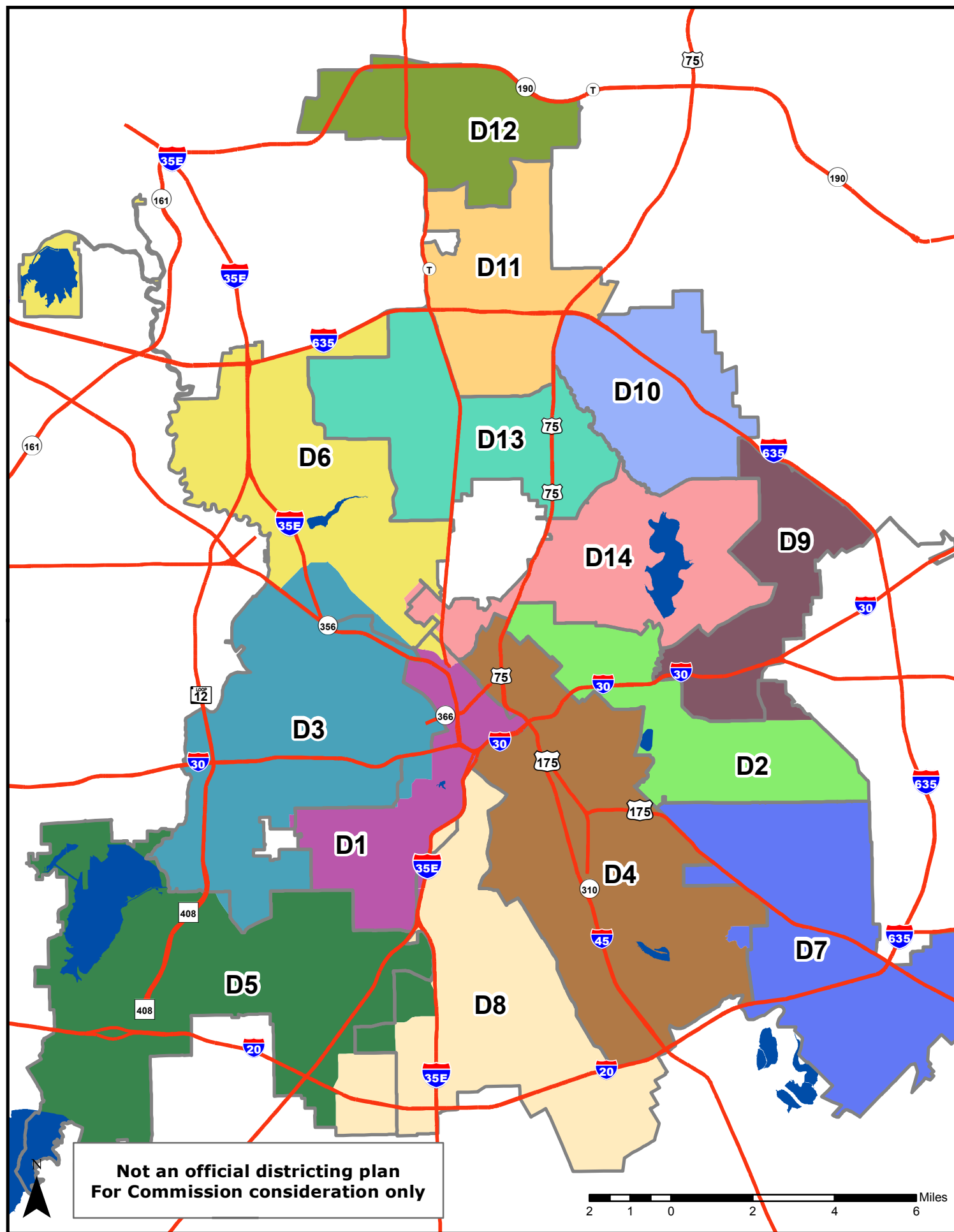
1 – Indicates minority districts
2 – Indicates minority coalition districts



Demographic Change Summary from wPlan24

- District 1 – Remains a Hispanic majority district. Deviation change from 0.41% to -2.00%.
- District 2 – Remains a Hispanic majority district. Deviation change from -0.34% to -0.38%.
- District 3 – Remains a Hispanic majority district. Deviation change from -1.42% to 1.94%.
- District 4 – Remains a Black majority district. Deviation change from -1.36% to -1.49%.
- District 5 – Remains a Black majority district. Deviation change from 0.05% to -1.49%.
- District 6 – Remains a Hispanic majority district. Deviation change from -0.04% to 0.82%.
- District 7 – Remains a Hispanic majority district. Deviation change from 1.06% to 1.15%.
- District 8 – Remains a Black majority district. Deviation change from -1.34% to -1.64%.
- District 9 – Remains a minority coalition district. Deviation change from 0.78% to 0.81%.
- District 10 – Remains a minority coalition district. No deviation change.
- District 11 – Remains a White majority district. No deviation change.
- District 12 – Remains a White majority district. No deviation change.
- District 13 – Remains a White majority district. No deviation change.
- District 14 – Remains a White majority. Deviation change from 0.80% to 0.89%.

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	83,850	-1,708	-2.00	69.86	10.36	18.30	62.70	11.62	23.86
District 2 ¹	85,237	-321	-0.38	61.27	17.83	19.12	55.43	18.22	24.34
District 3 ¹	87,218	1,660	1.94	69.29	18.36	10.75	64.14	19.99	14.11
District 4 ¹	84,281	-1,277	-1.49	21.05	56.24	19.79	17.67	54.21	24.82
District 5 ¹	84,279	-1,279	-1.49	32.41	55.06	10.30	28.21	56.34	13.06
District 6 ¹	86,257	699	0.82	69.94	7.54	19.08	63.92	8.25	23.86
District 7 ¹	86,541	983	1.15	67.21	19.21	12.77	61.89	20.58	16.58
District 8 ¹	84,155	-1,403	-1.64	30.80	65.04	3.17	25.73	69.24	3.97
District 9 ²	86,254	696	0.81	50.98	25.27	20.41	45.16	25.31	26.00
District 10 ²	85,484	-74	-0.09	22.55	32.48	38.08	19.39	31.12	42.30
District 11	85,252	-306	-0.36	33.82	12.41	48.27	28.93	12.23	52.98
District 12	85,938	380	0.44	17.33	17.45	54.46	15.28	16.65	57.24
District 13	86,752	1,194	1.40	25.66	9.57	57.54	21.89	9.46	61.72
District 14	86,318	760	0.89	20.14	5.37	70.24	17.44	5.12	73.27
City	1,197,816		3.94%	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
- wPlan24 Original Boundaries
- Council Districts**
- District 1 (Purple)
- District 2 (Light Green)
- District 3 (Light Blue)
- District 4 (Brown)
- District 5 (Dark Green)
- District 6 (Yellow)
- District 7 (Blue)
- District 8 (Light Yellow)
- District 9 (Dark Brown)
- District 10 (Light Blue)
- District 11 (Orange)
- District 12 (Dark Green)
- District 13 (Teal)
- District 14 (Pink)

Data Source:

Council Districts - City of Dallas, Redistricting Commission
 Streets - City of Dallas, GIS Division
 Major Lakes - City of Dallas, GIS Division

This data is believed to be correct, but its accuracy cannot be guaranteed. It is the users' responsibility to confirm the accuracy of this data. Please contact the original creators of this data for questions pertaining to its use.

Projected coordinate system name:
 NAD_1983_StatePlane_Texas_North_Central_FIPS_4202_Feet
 Geographic coordinate system name: GCS_North_American_1983

GENERAL INFORMATION

PlanID: wPlan24a
Review Date: June 29, 2011
Commission Date: June 30, 2011
Plan File: wPlan24a.shp
Plan Status: Continued for discussion

Average Deviation: 1.06%
Total Deviation: 3.94%
Contiguous: Yes

Average Reock Index: 1.28
Average Convex Hull Index: 1.13
Average Polsby-Popper Index: 1.46
Average Schwartzberg Index: 1.24
Minority Representation: 8 (minority)
 2 (minority coalition)