



Plan Consideration Date: August 16, 2011

GENERAL INFORMATION

PlanID: cPlan05a Draft Option Plan 1

Original Plan: cPlan05

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 **9.48%** with an average deviation of **2.09%**.

The deviation range increased from 9.33% to 9.48% between cPlan05 and cPlan05a Draft Plan Option 1.

The average deviation decreased from 2.29% to 2.09% between cPlan05 and cPlan05 Draft Plan Option 1.

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

- Meets criteria
 Does not meet criteria

This plan includes 8 minority districts and 1 minority coalition district. There is no regression noted from the existing 2001 District Plan. District 4 total Hispanic population exceeds 70%; however, it is below 70% of total Voting Age Population.

The original cPlan05 submission had 7 minority districts and 2 minority coalition district, 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.



City of Dallas 2011 Redistricting

Plan Revision Summary – PlanID: cPlan05a Draft Option Plan 1

Attachments:

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



COMPACTNESS

| | Perimeter | Area | Reock | | Convex Hull | | Polsby-Popper | | Schwartzberg | |
|----------------|--------------|--------------|--------------|-------------|--------------|-------------|---------------|-------------|--------------|-------------|
| District | (mile) | (sq. mile) | Score | Index | Score | Index | Score | Index | Score | Index |
| District 1 | 31.32 | 13.61 | 20.87 | 0.71 | 48.62 | 0.68 | 17.44 | 0.63 | 41.76 | 0.79 |
| District 2 | 18.60 | 11.36 | 46.77 | 1.98 | 78.72 | 1.56 | 41.28 | 3.95 | 64.25 | 1.99 |
| District 3 | 59.97 | 49.88 | 27.26 | 0.94 | 64.65 | 1.13 | 17.43 | 1.60 | 41.75 | 1.26 |
| District 4 | 16.51 | 13.04 | 58.41 | 3.14 | 86.73 | 1.71 | 60.14 | 5.10 | 77.55 | 2.26 |
| District 5 | 35.24 | 29.43 | 23.79 | 1.64 | 77.32 | 1.66 | 29.78 | 2.70 | 54.57 | 1.64 |
| District 6 | 36.54 | 33.23 | 41.93 | 1.77 | 76.02 | 1.59 | 31.27 | 2.49 | 55.92 | 1.58 |
| District 7 | 26.14 | 33.45 | 52.88 | 2.15 | 91.17 | 1.42 | 61.50 | 4.90 | 78.42 | 2.21 |
| District 8 | 69.29 | 52.25 | 16.96 | 0.93 | 55.50 | 1.07 | 13.68 | 1.27 | 36.98 | 1.13 |
| District 9 | 24.77 | 20.46 | 61.32 | 1.45 | 79.92 | 1.04 | 41.91 | 1.26 | 64.74 | 1.12 |
| District 10 | 22.33 | 16.57 | 52.81 | 0.97 | 85.25 | 1.03 | 41.76 | 1.07 | 64.62 | 1.04 |
| District 11 | 25.42 | 15.91 | 30.54 | 0.81 | 70.41 | 1.09 | 30.94 | 1.32 | 55.62 | 1.15 |
| District 12 | 20.48 | 14.13 | 36.91 | 0.88 | 75.07 | 0.95 | 42.34 | 0.99 | 65.07 | 1.00 |
| District 13 | 32.58 | 22.00 | 37.61 | 0.99 | 69.84 | 0.98 | 26.05 | 1.04 | 51.04 | 1.02 |
| District 14 | 19.20 | 16.27 | 42.51 | 1.51 | 88.04 | 1.84 | 55.47 | 5.53 | 74.48 | 2.35 |
| <i>Average</i> | <i>31.31</i> | <i>24.40</i> | <i>39.33</i> | <i>1.30</i> | <i>74.80</i> | <i>1.21</i> | <i>36.50</i> | <i>1.82</i> | <i>59.05</i> | <i>1.37</i> |

Previous Plan Average Compactness Scores

| | Perimeter | Area | Reock | | Convex Hull | | Polsby-Popper | | Schwartzberg | |
|-----------------|--------------|--------------|--------------|-------------|--------------|-------------|---------------|-------------|--------------|-------------|
| Plan | (mile) | (sq. mile) | Score | Index | Score | Index | Score | Index | Score | Index |
| <i>cPlan05</i> | <i>33.38</i> | <i>24.40</i> | <i>40.20</i> | <i>1.33</i> | <i>70.33</i> | <i>1.14</i> | <i>30.43</i> | <i>1.52</i> | <i>54.37</i> | <i>1.26</i> |
| <i>cPlan05a</i> | <i>33.57</i> | <i>24.40</i> | <i>38.49</i> | <i>1.27</i> | <i>69.29</i> | <i>1.12</i> | <i>29.73</i> | <i>1.48</i> | <i>53.80</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 | 80,521 | -5,037 | -5.89 | 45,602 | 56.63 | 16,221 | 20.15 | 16,008 | 19.88 | 56,440 | 28,785 | 51.00 | 11,397 | 20.19 | 14,248 | 25.24 |
| District 2 | 85,119 | -439 | -0.51 | 22,629 | 26.59 | 12,126 | 14.25 | 45,997 | 54.04 | 75,722 | 17,028 | 22.49 | 10,629 | 14.04 | 44,150 | 58.31 |
| District 3 ¹ | 86,617 | 1,059 | 1.24 | 56,955 | 65.75 | 20,366 | 23.51 | 7,319 | 8.45 | 56,905 | 35,618 | 62.59 | 13,482 | 23.69 | 6,332 | 11.13 |
| District 4 ¹ | 85,180 | -378 | -0.44 | 63,936 | 75.06 | 8,757 | 10.28 | 11,566 | 13.58 | 59,087 | 41,059 | 69.49 | 6,884 | 11.65 | 10,389 | 17.58 |
| District 5 ¹ | 88,004 | 2,446 | 2.86 | 33,564 | 38.14 | 47,550 | 54.03 | 5,511 | 6.26 | 63,003 | 20,437 | 32.44 | 36,528 | 57.98 | 5,008 | 7.95 |
| District 6 ¹ | 85,552 | -6 | -0.01 | 59,622 | 69.69 | 7,622 | 8.91 | 15,361 | 17.96 | 61,741 | 39,295 | 63.64 | 6,060 | 9.82 | 13,940 | 22.58 |
| District 7 ¹ | 81,094 | -4,464 | -5.22 | 31,005 | 38.23 | 45,408 | 55.99 | 4,095 | 5.05 | 57,782 | 18,738 | 32.43 | 34,836 | 60.29 | 3,765 | 6.52 |
| District 8 ¹ | 86,840 | 1,282 | 1.50 | 30,615 | 35.25 | 47,101 | 54.24 | 8,393 | 9.66 | 57,989 | 17,875 | 30.82 | 32,720 | 56.42 | 6,873 | 11.85 |
| District 9 | 83,665 | -1,893 | -2.21 | 18,253 | 21.82 | 6,648 | 7.95 | 54,883 | 65.60 | 68,101 | 12,518 | 18.38 | 5,141 | 7.55 | 47,242 | 69.37 |
| District 10 ² | 86,724 | 1,166 | 1.36 | 19,810 | 22.84 | 27,925 | 32.20 | 33,069 | 38.13 | 63,916 | 12,552 | 19.64 | 19,701 | 30.82 | 27,107 | 42.41 |
| 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 | 86,509 | 951 | 1.11 | 26,238 | 30.33 | 7,386 | 8.54 | 47,648 | 55.08 | 64,140 | 16,601 | 25.88 | 5,400 | 8.42 | 38,469 | 59.98 |
| District 14 ¹ | 88,090 | 2,532 | 2.96 | 54,266 | 61.60 | 26,142 | 29.68 | 6,792 | 7.71 | 57,500 | 32,787 | 57.02 | 18,008 | 31.32 | 6,023 | 10.47 |
| City | 1,197,816 | 9.48 | | 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 cPlan05

District 1 – Remains a Hispanic majority district. Deviation change from 2.17 to -5.89%.

District 2 – Remains a White majority district. Deviation change from -3.50 to -0.51%.

District 3 – Remains a Hispanic majority district. Deviation change from 2.79% to 1.24%.

District 4 – Changed to a Hispanic majority district. Deviation change from -5.21% to -0.44%.

District 5 – Remains a Black majority district. Deviation change from -4.54% to 2.86%.

District 6 – Remains a Hispanic majority district. Deviation change from -1.29% to -0.01%.

District 7 – Remains a Black majority district. Deviation change from 2.41% to -5.22%.

District 8 – Remains a Black majority district. Deviation change from 4.12% to 1.50%.

District 9 – Remains a White majority district. Deviation change from -0.44% to -2.21%.

District 10 – Remains a minority coalition district. Deviation change from 0.22% to 1.36%.

District 11 – Remains a White majority district. Deviation change from -0.36% to -0.33%.

District 12 – Remains a White majority district. Deviation change from 0.44% to 3.59%.

District 13 – Remains a White majority district. Deviation change from -0.70% to 1.11%.

District 14 – Remains a Hispanic majority district. Deviation change from 3.89% to 2.96%.

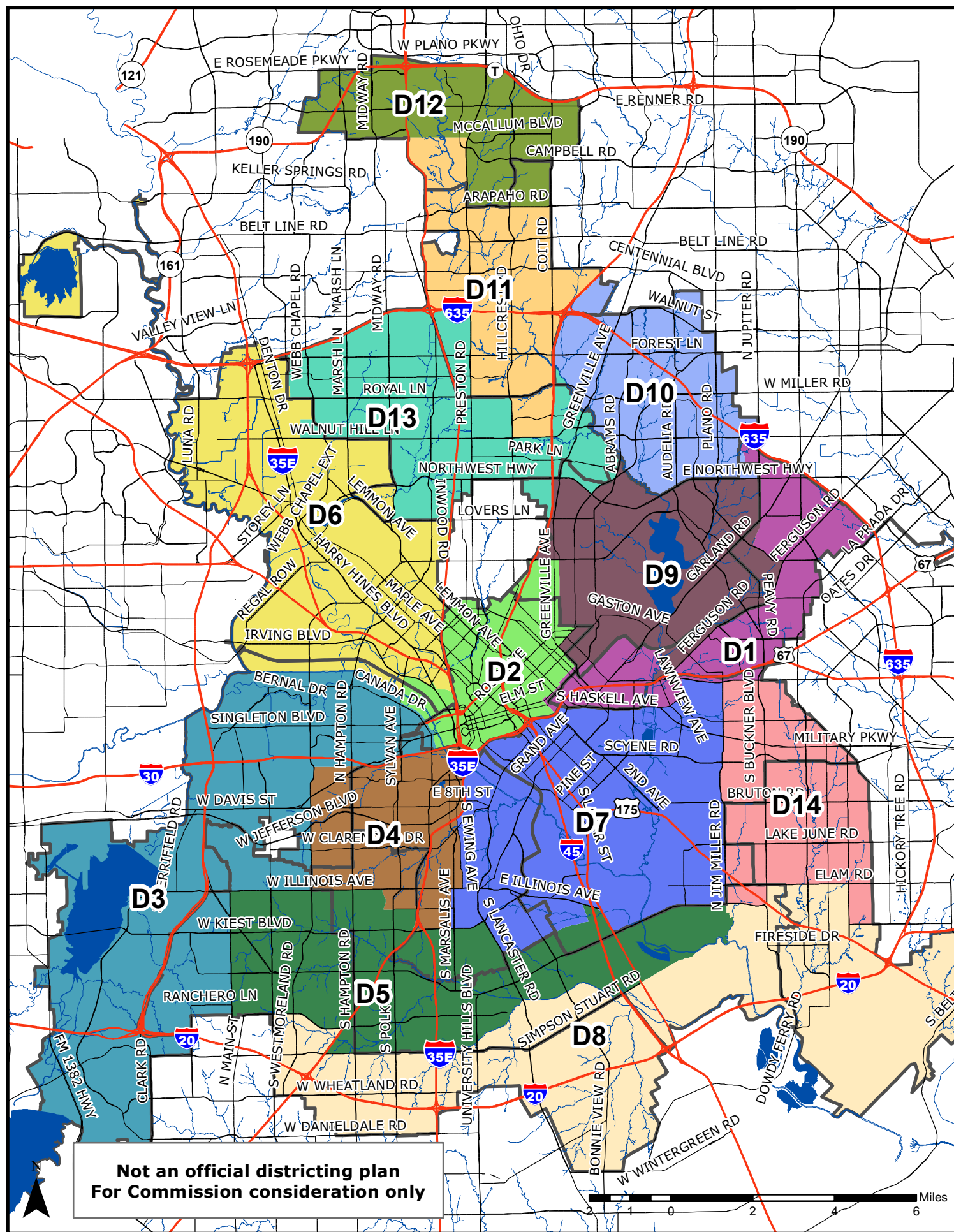


Included Amendments

1. Incorporation of cPlan05 amendments as proposed by Commissioner Brashear.
2. Inclusion of cPlan13 (with modifications) as proposed by Commissioner Halstead.
3. Exchange areas between District 7 and 14 as proposed by Commissioner Halstead.
4. Remove area west of Duncanville from District 5 as proposed by Commissioner Halstead.
5. Unify West Dallas area as proposed by Commissioner Halstead.
6. Unify Kessler Stevens area as proposed by Commissioner Sherman.
7. Modifications between District 9 and District 2 as proposed by Commissioner Love.
8. Modifications between District 9 and District 14 as proposed by Commissioner Griffith.
9. Staff modifications for streets as approved by the Commission.
10. Staff modifications to meet deviation.

Due to large shifts in population regarding District 4 boundaries as proposed by Commissioner Ratcliff, an additional option map has been provided separately as the changes to Districts 3, 4, 5, 7, 8, and 14 conflict with amendments 1, 3, 4, and 6 included in cPlan05a.

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 | 80,521 | -5,037 | -5.89 | 56.63 | 20.15 | 19.88 | 51.00 | 20.19 | 25.24 |
| District 2 | 85,119 | -439 | -0.51 | 26.59 | 14.25 | 54.04 | 22.49 | 14.04 | 58.31 |
| District 3 ¹ | 86,617 | 1,059 | 1.24 | 65.75 | 23.51 | 8.45 | 62.59 | 23.69 | 11.13 |
| District 4 ¹ | 85,180 | -378 | -0.44 | 75.06 | 10.28 | 13.58 | 69.49 | 11.65 | 17.58 |
| District 5 ¹ | 88,004 | 2,446 | 2.86 | 38.14 | 54.03 | 6.26 | 32.44 | 57.98 | 7.95 |
| District 6 ¹ | 85,552 | -6 | -0.01 | 69.69 | 8.91 | 17.96 | 63.64 | 9.82 | 22.58 |
| District 7 ¹ | 81,094 | -4,464 | -5.22 | 38.23 | 55.99 | 5.05 | 32.43 | 60.29 | 6.52 |
| District 8 ¹ | 86,840 | 1,282 | 1.50 | 35.25 | 54.24 | 9.66 | 30.82 | 56.42 | 11.85 |
| District 9 | 83,665 | -1,893 | -2.21 | 21.82 | 7.95 | 65.60 | 18.38 | 7.55 | 69.37 |
| District 10 ² | 86,724 | 1,166 | 1.36 | 22.84 | 32.20 | 38.13 | 19.64 | 30.82 | 42.41 |
| 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 | 86,509 | 951 | 1.11 | 30.33 | 8.54 | 55.08 | 25.88 | 8.42 | 59.98 |
| District 14 ¹ | 88,090 | 2,532 | 2.96 | 61.60 | 29.68 | 7.71 | 57.02 | 31.32 | 10.47 |
| City | 1,197,816 | | 9.48% | 42.35 | 25.02 | 28.82 | 36.78 | 25.11 | 33.99 |

1 - Indicates minority districts
 2 - Indicates minority coalition districts

LEGEND

- Highways
- Major Roads
- Waterways
- Major Lakes
- cPlan05 District Boundaries

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, 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: cPlan05a Draft Plan Option 1
 Previous PlanID: cPlan05
 Review Date: August 12, 2011
 Commission Date: August 16, 2011
 Plan File: cPlan05av1.shp
 Plan Status: Draft Plan

Average Deviation: 2.09%
 Total Deviation: 9.48%
 Contiguous: Yes

 Average Reock Index: 1.30
 Average Convex Hull Index: 1.21
 Average Polsby-Popper Index: 1.82
 Average Schwartzberg Index: 1.37
 Minority Representation: 8 (minority)
 Representation: 1 (minority coalition)

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 | 80,521 | -5,037 | -5.89 | 56.63 | 20.15 | 19.88 | 51.00 | 20.19 | 25.24 |
| District 2 | 85,119 | -439 | -0.51 | 26.59 | 14.25 | 54.04 | 22.49 | 14.04 | 58.31 |
| District 3 ¹ | 86,617 | 1,059 | 1.24 | 65.75 | 23.51 | 8.45 | 62.59 | 23.69 | 11.13 |
| District 4 ¹ | 85,180 | -378 | -0.44 | 75.06 | 10.28 | 13.58 | 69.49 | 11.65 | 17.58 |
| District 5 ¹ | 88,004 | 2,446 | 2.86 | 38.14 | 54.03 | 6.26 | 32.44 | 57.98 | 7.95 |
| District 6 ¹ | 85,552 | -6 | -0.01 | 69.69 | 8.91 | 17.96 | 63.64 | 9.82 | 22.58 |
| District 7 ¹ | 81,094 | -4,464 | -5.22 | 38.23 | 55.99 | 5.05 | 32.43 | 60.29 | 6.52 |
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| District 13 | 86,509 | 951 | 1.11 | 30.33 | 8.54 | 55.08 | 25.88 | 8.42 | 59.98 |
| District 14 ¹ | 88,090 | 2,532 | 2.96 | 61.60 | 29.68 | 7.71 | 57.02 | 31.32 | 10.47 |
| City | 1,197,816 | | 9.48% | 42.35 | 25.02 | 28.82 | 36.78 | 25.11 | 33.99 |

1 - Indicates minority districts
 2 - Indicates minority coalition districts

LEGEND

- Highways
- Major Roads
- cPlan05a Option 1 Council Districts
- Areas of Change

GENERAL INFORMATION

PlanID: cPlan05a Draft Plan Option 1
Previous PlanID: cPlan05
Review Date: August 12, 2011
Commission Date: August 16, 2011
Plan File: cPlan05av1.shp
Plan Status: Draft Plan for Discussion

Average Deviation: 2.09%
Total Deviation: 9.48%
Contiguous: Yes

Average Reock Index: 1.30
Average Convex Hull Index: 1.21
Average Polsby-Popper Index: 1.82
Average Schwartzberg Index: 1.37
Minority Representation: 8 (minority)
Representation: 1 (minority coalition)

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:
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Geographic coordinate system name: GCS_North_American_1983

