

Public Maps: FAIR MAPS Act Assessment

The following maps were submitted by June 24, 2024, and can be considered during the July 16 public hearing

Under the FAIR MAPS Act, Dry Creek Joint Elementary School District is required to follow a ranked list of criteria in their districting process:

- Relatively equal in population size – total deviation is under 10%
- Contiguous
- Maintains “communities of interest”
- Easily identifiable and understandable lines, following city, natural, and man-made boundaries
- Compact

As demographers, we can assess all criteria objectively except for “maintaining communities of interest.” This particular criterion is subjective by definition and should be discussed by the public and Board of Trustees to determine how well these maps fulfil this criterion.

Districtr ID: 242831

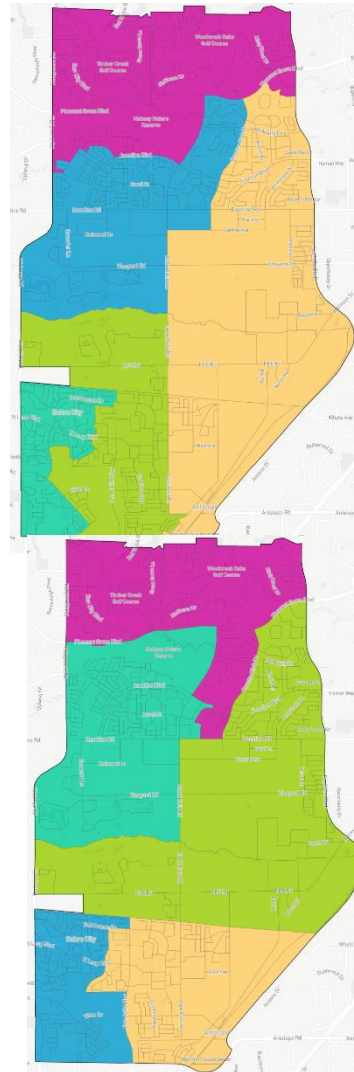
“Final MapB for Consideration - Representation”

Total Deviation: 1.1%

Date of submission: 6/24/2024

| | |
|--|---|
| Relatively equal in population size? | ✓ |
| Contiguous? | ✓ |
| Lines are easy to understand and identify? | ✗ |
| Compact? | ✗ |

Notes: While the map prioritizes population, it often uses streets that are adjacent to main throughfares. It also bypasses nearby populations for further population.



Districtr ID: 242830

“Final MapA For Consideration - Regions”

Total Deviation: 7.4%

Date of submission: 6/24/2024

| | |
|--|---|
| Relatively equal in population size? | ✓ |
| Contiguous? | ✓ |
| Lines are easy to understand and identify? | ✓ |
| Compact? | ✓ |

District ID: 242572

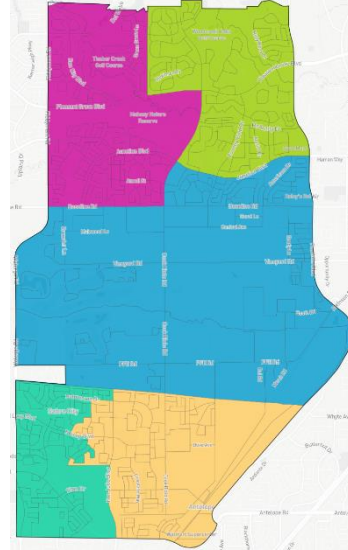
“240621”

Total Deviation: 8.7%

Date of submission: 6/21/2024

| | |
|--|---|
| Relatively equal in population size? | ✓ |
| Contiguous? | ✓ |
| Lines are easy to understand and identify? | ✗ |
| Compact? | ✓ |

Notes: The border between the two most southern trustee Areas uses small streets (not main roads) and zigzags in an unnecessary manner.

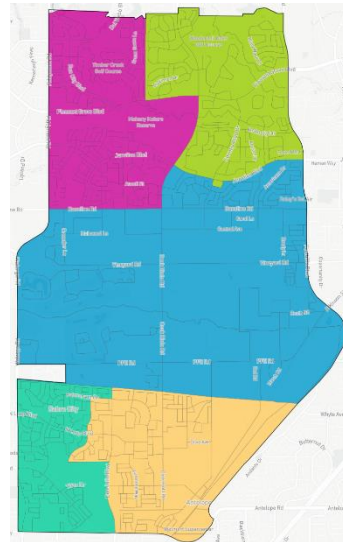

District ID: 241851

Total Deviation: 9.1%

Date of submission: 6/9/2024

| | |
|--|---|
| Relatively equal in population size? | ✓ |
| Contiguous? | ✓ |
| Lines are easy to understand and identify? | ✓ |
| Compact? | ✓ |

Notes: Similar to ID: 242572 but follows more main roads in the Southwest portion of the district.


District ID: 241833

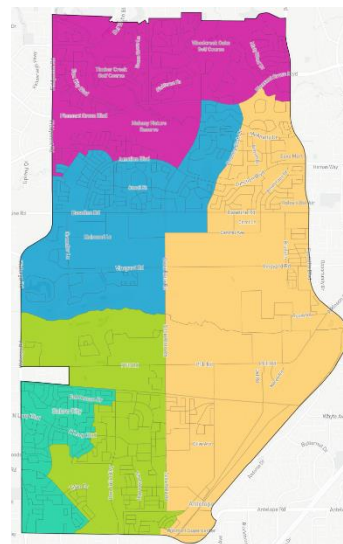
“Equal Representation”

Total Deviation: 1.1%

Date of submission: 6/9/2024

| | |
|--|---|
| Relatively equal in population size? | ✓ |
| Contiguous? | ✓ |
| Lines are easy to understand and identify? | ✗ |
| Compact? | ✗ |

Notes: While the map prioritizes population, it often uses streets that are adjacent to main throughfares. It also bypasses nearby populations for further population.



District ID: 241600

“240605”

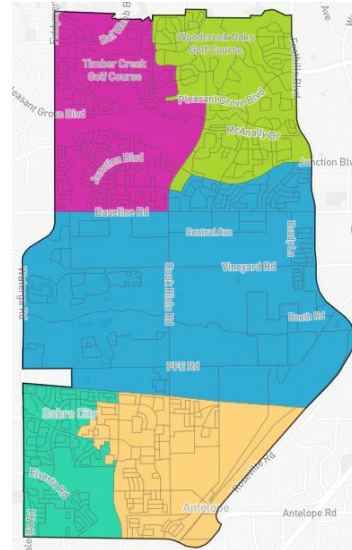
Total Deviation: 14.9%

Date of submission: 6/5/2024

| | |
|--|---|
| Relatively equal in population size? | ✗ |
| Contiguous? | ✓ |
| Lines are easy to understand and identify? | ✓ |
| Compact? | ✓ |

Notes:

Does not comply with requirement to keep trustee areas relatively equal in population.



District ID: 241532

“240604”

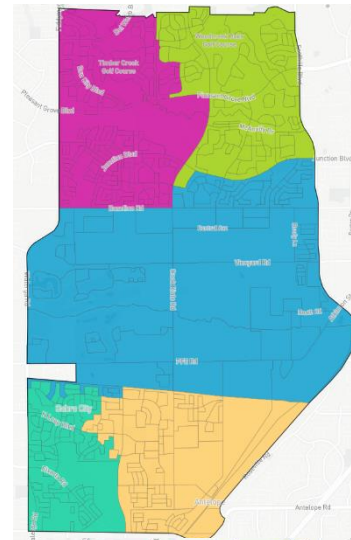
Total Deviation: 1.8%

Date of submission: 6/4/2024

| | |
|--|---|
| Relatively equal in population size? | ✓ |
| Contiguous? | ✓ |
| Lines are easy to understand and identify? | ✗ |
| Compact? | ✓ |

Notes:

Lines meander southwest of the county line. Map is similar to ID 241600, except for the census blocks that create zigzagging lines south of the county line.



District ID: 241495

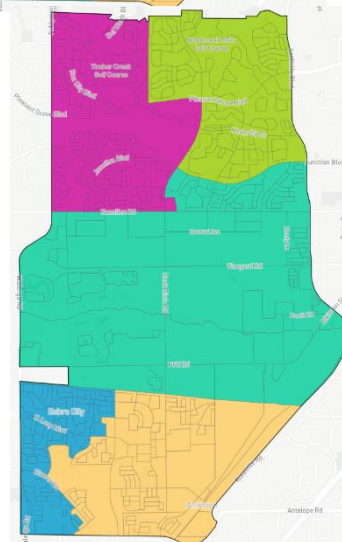
Total Deviation: 7.8%

Date of submission: 6/4/2024

| | |
|--|---|
| Relatively equal in population size? | ✓ |
| Contiguous? | ✓ |
| Lines are easy to understand and identify? | ✓ |
| Compact? | ✓ |

Notes:

The teal trustee area creates a tail above the blue area, which can be easily adjusted.



District ID: 240794

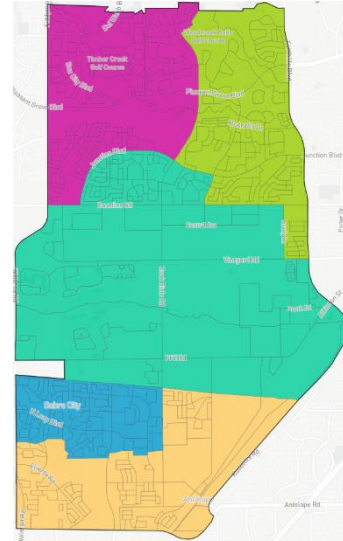
Total Deviation: 13.3%

Date of submission: 5/24/2024

| | |
|--|----------|
| Relatively equal in population size? | ✗ |
| Contiguous? | ✓ |
| Lines are easy to understand and identify? | ✓ |
| Compact? | ✓ |

Notes:

Does not comply with requirement to keep trustee areas relatively equal in population.


District ID: 240788

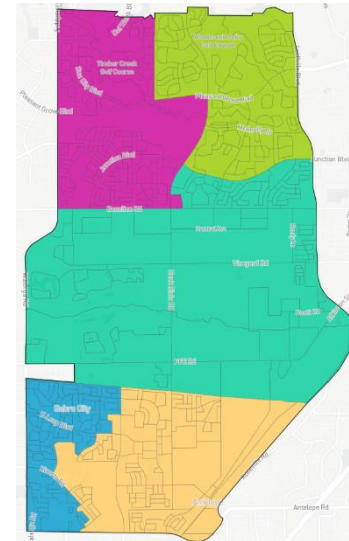
Total Deviation: 9.7%

Date of submission: 5/24/2024

| | |
|--|----------|
| Relatively equal in population size? | ✓ |
| Contiguous? | ✓ |
| Lines are easy to understand and identify? | ✓ |
| Compact? | ✓ |

Notes:

The total deviation is toward the maximum end of compliance.



Maps previously presented at June 4 hearing:

District ID: 240464

“Main Roads and Elem School Distribution”

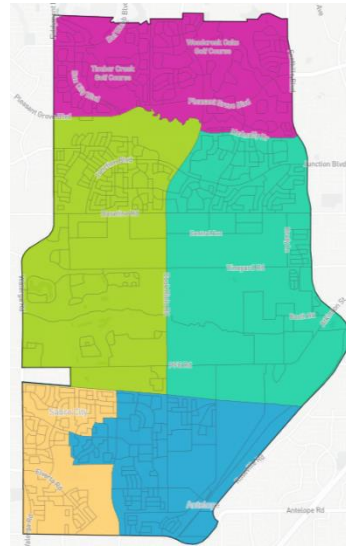
Total Deviation: 9.2%

Date of submission: 5/20/2024

| | |
|--|---|
| Relatively equal in population size? | ✓ |
| Contiguous? | ✓ |
| Lines are easy to understand and identify? | ✓ |
| Compact? | ✓ |

Notes:

This map is nearly identical to “JPF1” ID: 240280.



District ID: 240280

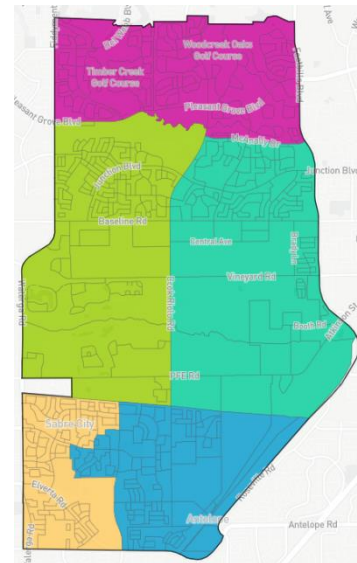
“JPF1”

Total Deviation: 9.2%

Date of submission: 5/18/2024

| | |
|--|---|
| Relatively equal in population size? | ✓ |
| Contiguous? | ✓ |
| Lines are easy to understand and identify? | ✓ |
| Compact? | ✓ |

Notes: Identical to ID: 240464 but appears to have missing census blocks (unpopulated).



District ID: 240140

“Community & Major Roads”

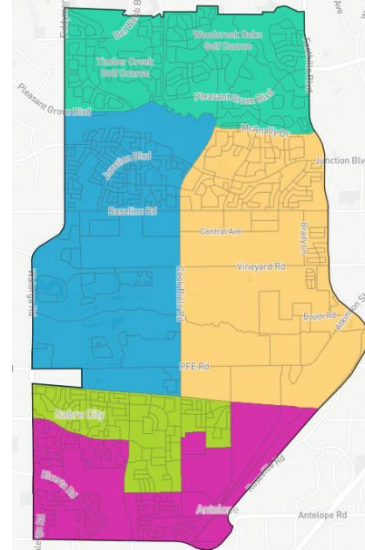
Total Deviation: 9.8%

Date of submission: 5/16/2024

| | |
|--|---|
| Relatively equal in population size? | ✓ |
| Contiguous? | ✓ |
| Lines are easy to understand and identify? | ✓ |
| Compact? | ✓ |

Notes:

The total deviation is toward the maximum end of compliance.



This map was submitted eight minutes after ID: 240133 and is nearly identical.

District ID: 240133

“Community & Major Roadway-Based”

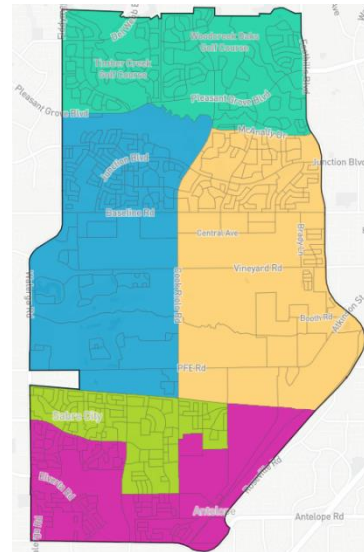
Total Deviation: 9.8%

Date of submission: 5/16/2024

| | |
|--|---|
| Relatively equal in population size? | ✓ |
| Contiguous? | ✓ |
| Lines are easy to understand and identify? | ✓ |
| Compact? | ✓ |

Notes:

The total deviation is toward the maximum end of compliance.



This map is nearly identical to ID: 240140.