Jefferson County, Texas

Proposed Plan 2B

Statistical Measures of Population Equality
Including Prison Population (County Population 252,273)

Commissioner Precinct	Actual Population	Ideal Population	Absolute Deviation	Relative Deviation
Precinct 1	64,080	63,068	1,012	1.60%
Precinct 2	61,377	63,068	-1,691	-2.68%
Precinct 3	63,139	63,068	71	0.11%
Precinct 4	63,677	63,068	609	0.97%
Total Population	252,273			

Ideal Population is defined as (total county population divided by 4). Absolute and Relative (%) Deviations are difference in actual and ideal.

-1,691 to 1,012	**Absolute Range** is the spread in absolute deviation from the smallest precinct to the largest.
-2.68% to 1.60%	**Relative Range** is the spread in relative deviation (%) from the smallest precinct to the largest.
845.75	**Absolute Mean Deviation** is the average deviation, which is calculated by adding all the absolute deviations (ignoring "+" and "-" signs) and dividing by 4.
1.34%	**Relative Mean Deviation** is the average deviation, which is calculated by adding all the relative deviations (ignoring "+" and "-" signs) and dividing by 4.
515.97	**Standard Deviation of Population** is the square root of the sum of the squares of all the absolute deviations divided by 4.
0.82%	**Standard Deviation of Relative Deviations** is the square root of the sum of the squares of all the relative (%) deviations divided by 4.
5.36%	**Total Absolute Deviation** is the sum of all relative deviations (ignoring "+" and "-" signs).

4.29%	**Total Maximum Deviation is the sum of the relative deviations (%) of the smallest and largest precincts, (ignoring "+" and "-" signs).**

Jefferson County, Texas

Proposed Plan 2B

Analysis of Population in Commissioner Precincts based on 2010 Census data
Including Prison Population

Ethnic Background of Total Population

	Anglo	Black	Amer. Indian	Asian	Hispanic	Hawaii/ Pac. Is.	Other	Multi Race	Prec. Total	% of County
Precinct 1	38,014	16,084	156	2,755	6,104	16	57	894	64,080	25.40%
Precinct 2	47,303	4,307	163	1,478	7,524	16	51	535	61,377	24.33%
Precinct 3	16,495	23,902	197	3,101	18,738	20	87	599	63,139	25.03%
Precinct 4	10,691	40,207	231	1,191	10,533	12	60	752	63,677	25.24%
County Total	112,503	84,500	747	8,525	42,899	64	255	2,780	252,273	100.00%
% of County	44.60%	33.50%	0.30%	3.38%	17.00%	0.03%	0.10%	1.10%	100.00%	

Ethnic Background as a % of Total Population

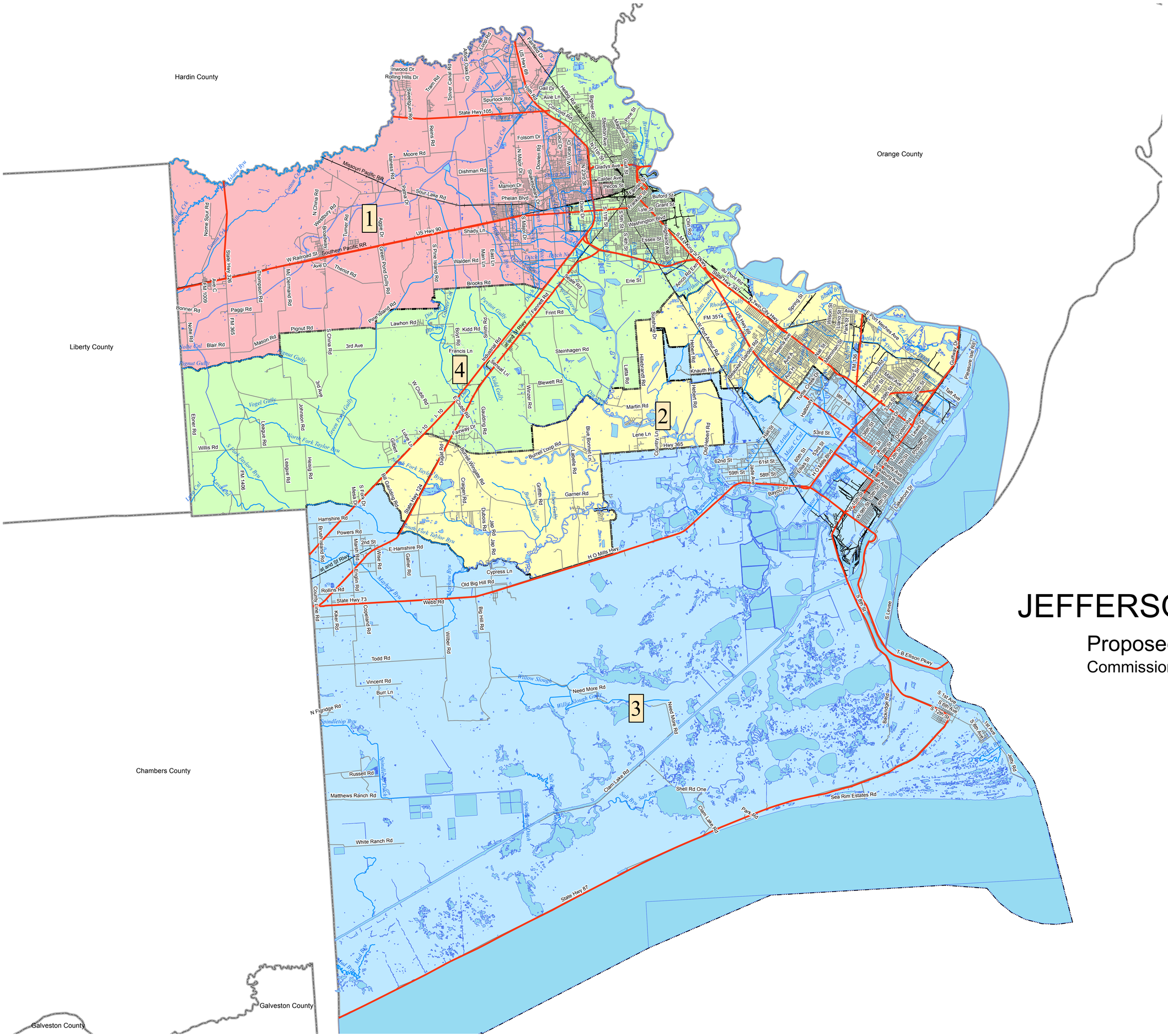
	Anglo	**Black**	**Amer. Ind.**	**Asian**	**Hispanic**	**Haw/Pac**	**Other**	**Multi**	**% Total**
Precinct 1	59.32%	25.10%	0.24%	4.30%	9.53%	0.02%	0.09%	1.40%	100.00%
Precinct 2	77.07%	7.02%	0.27%	2.41%	12.26%	0.03%	0.08%	0.87%	100.00%
Precinct 3	26.12%	37.86%	0.31%	4.91%	29.68%	0.03%	0.14%	0.95%	100.00%
Precinct 4	16.79%	63.14%	0.36%	1.87%	16.54%	0.02%	0.09%	1.18%	100.00%

Ethnic Background of Voting Age Population

	Anglo	Black	Amer. Indian	Asian	Hispanic	Hawaii/ Pac. Is.	Other	Multi Race	Prec. Total	% of County
Precinct 1	31,467	11,131	119	1,991	4,033	14	41	438	49,234	25.66%
Precinct 2	37,855	3,781	137	1,081	5,419	11	30	268	48,582	25.32%
Precinct 3	14,347	17,943	152	2,284	12,298	17	58	346	47,445	24.73%
Precinct 4	9,278	28,908	204	1,006	6,724	8	40	446	46,614	24.29%
County Total	92,947	61,763	612	6,362	28,474	50	169	1,498	191,875	100.00%
% of County	48.44%	32.19%	0.32%	3.32%	14.84%	0.03%	0.09%	0.78%	100.00%	

Ethnic Background as a % of Voting Age Population

	Anglo	**Black**	**Amer. Ind.**	**Asian**	**Hispanic**	**Haw/Pac**	**Other**	**Multi**	**% Total**
Precinct 1	63.91%	22.61%	0.24%	4.04%	8.19%	0.03%	0.08%	0.89%	100.00%
Precinct 2	77.92%	7.78%	0.28%	2.23%	11.15%	0.02%	0.06%	0.55%	100.00%
Precinct 3	30.24%	37.82%	0.32%	4.81%	25.92%	0.04%	0.12%	0.73%	100.00%
Precinct 4	19.90%	62.02%	0.44%	2.16%	14.42%	0.02%	0.09%	0.96%	100.00%



JEFFERSON COUNTY

Proposed Plan 2B

Commissioner Precincts

JEFFERSON COUNTY

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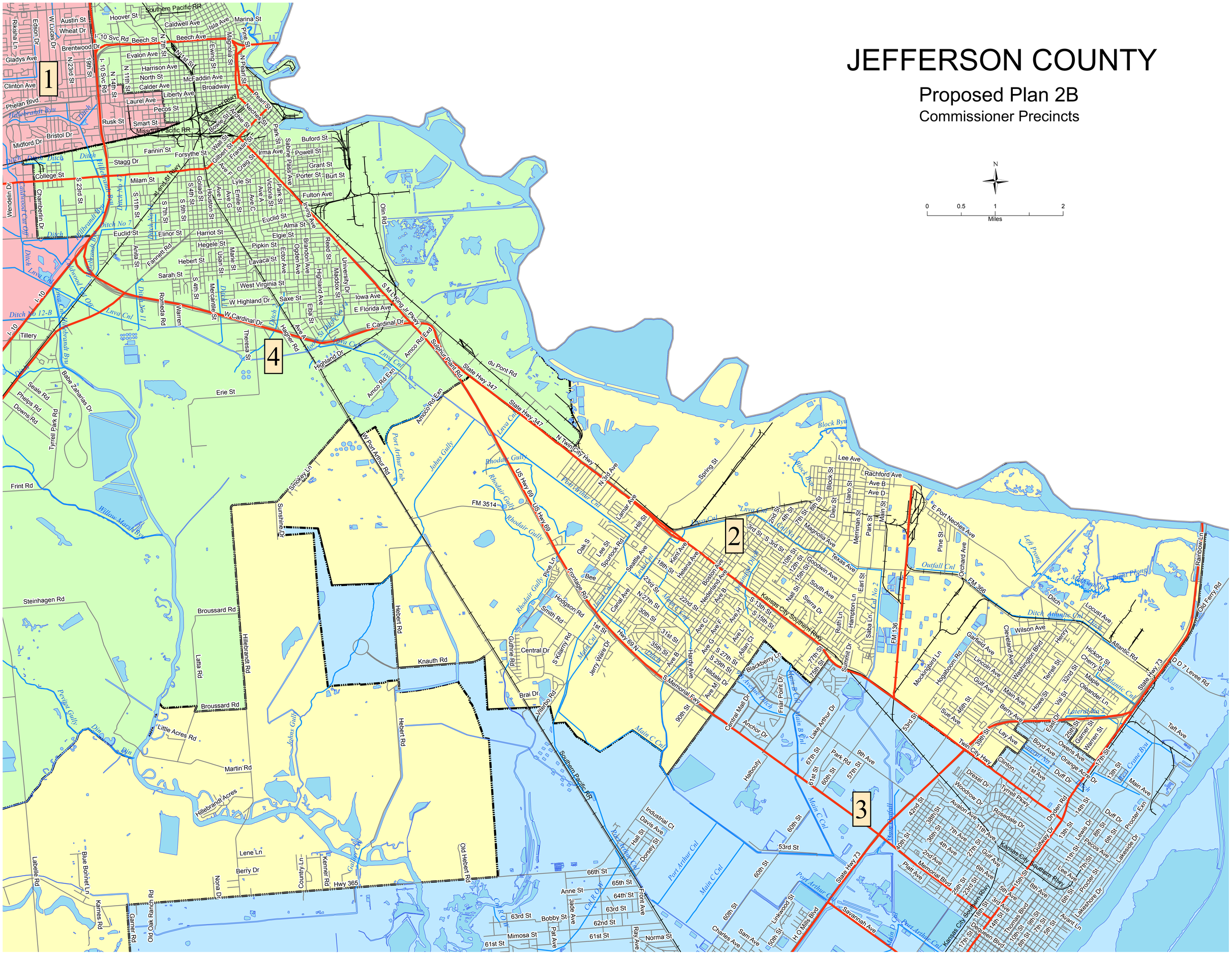
Commissioner Precincts