The ideal district population, 39,202, is based on the 2020 Census. HD 4 has 39,415 people, which is 0.54% from the ideal.
9.18% of the people in the district are new constituents.

47.05% of the district is American Indian and Alaskan Native, alone or in combination with one or more other races.
1.17% of the district is Asian, alone or in combination with one or more other races.
2.85% of the district is Black or African American, alone or in combination with one or more other races.
0.12% of the district is Native Hawaiian or other Pacific Islander, alone or in combination with one or more other races.
43.88% of the district is non-Hispanic white.
5.4% of the district is some other race or ethnicity.
7.78% of the district is of Hispanic or Latino origin.

Counties: Cherokee, Wagoner
Cities: Barber, Caney, Caney Ridge, Cookson, Dry Creek, Etta, Gideon, Grandview, Hulbert, Keys, Lost City, Navoo, Park Hill, Peggs, Pettit, Rocky Point, Shady Grove, Tahlequah, Tenkiller, Welling, Whitehorn Cove, Woodall, Zeb
School Districts: Briggs, Fort Gibson, Grand View, Hulbert, Keys, Locust Grove, Peggs, Shady Grove, Tahlequah, Tenkiller, Wagoner, Woodall
Senate Districts: 3, 4, 9
Congressional Districts: 2

Area: 494 square miles
1 inch equals 3.68 miles