

To: The Court, or whomever it may concern.

Re: Latitude and Longitude Lines.

In our two CD submittals we have occasionally used Latitude and Longitude lines. The use of these lines makes for a very clean and easy map to read. It is a common practice to use these lines when drawing CD boundaries. In 2001 a Latitude line was used for the last 10 miles of the northeast boundary of CD-1, and a Longitude line was used at this northern corner of CD-1 to come south.

These lines are easy to find on Google, you can do so by typing in “Latitude and Longitude of a Point.” After clicking on this reference a person can then type in “Las Vegas, Nevada” and scroll out from the center of town to whatever spot you are looking for. When you click on this location the software will give you your Latitude and Longitude *at this point*. You can then check to see if your proposed line goes through any inhabited areas – you don’t want this to happen. These lines should only be used in areas where there are no people. If you must cut a line through a census block where people reside, be sure that *all* the population lives on only one side of your new line.

The U.S. Census Bureau is used to this happening. If a CD is selected by a state, and a boundary line, or more than one boundary line cuts through census blocks, the Census Bureau quickly goes into action. They renumber the cut census block. If the census block is/was Number 1020, it becomes Number 1020 A and Number 1020 B. About eight years later, when the Census Bureau renumbers all their blocks, the numbers described above will be given new individual numbers, without the A and B.

The CD map you are looking at was given the number CON-FD-0523-1020. Like other maps, our map follows road and census block boundary lines; however, we on this map we recommend replacing *some* of these census block lines with new Latitude lines.

In Clark County we recommend one new line. This Latitude line would begin at the point where Red Rock Canyon Road and/or Scenic Loop Drive goes north off of State Route 159 (an extension of Charleston Blvd). Scenic Loop Drive is configured in a large half circle and returns to State Route 159. Our departure point is where Scenic Loop begins, northeast of where it returns; our starting point is closer to Las Vegas than the far end of Scenic Loop Drive. The Latitude at this starting point is 36.1303; we would draw a straight line west from this Latitude point to the Nye County line. No population numbers will change from this adaptation; the CD-1 and CD-4 numbers will stay the same.

In Douglas County we recommend using two Latitude lines. The first line would depart from the Douglas/Lyon County line. This line would go due west to Hwy 395. The line would begin and end at Latitude 38.8382; the west end of this line is very close to Ohoctah Ridge Road and Hwy 395. The second line we recommend would start at the western end of Centerville Lane, and would continue two miles due west to the California state line. The Latitude of this line is 38.9104. Neither of these lines will affect the population numbers of CD-2 or CD-4, they will stay the same.