MIDAMERICA GIS

MidAmerica GIS Consortium
Redistricting Workshop Outline

I. Introductions

II. Redistricting explained
    a. What is redistricting?
    b. General timeline?
    c. Census Delivery of the PL 94.171 – On or Before April 1, 2021
    d. Who draws the lines? Legislature, courts, independent commissions?
    e. Different approaches in each state?
    f. Why is it important?
    g. What is gerrymandering?

III. Redistricting geography & the redistricting process
    a. Describe the process of how districts are redrawn...technical & procedural, rules that apply, data inputs, etc
    b. Begin with variance analysis of existing districts
    c. Look at Rules for Contiguous, compact, communities of interest
    d. Locate and map incumbents physical address
    e. Virtual tour through the Census BLOCK file
    f. Virtual tour of the Census BLOCK attribute table
    g. Understanding the Impact of Group Quarters e.g. Dorms, Long-Term Care Facilities, Prisons, etc.
        i. Determine the exclusion of prisoner population count (non-voters)
    h. Avoid splitting blocks

IV. Break

V. A methodology for splitting a block, when and only when absolutely necessary.
    a. Develop a working copy of plan data
    b. Develop a population estimate
    c. Formula to allocate population of the split block(s)
    d. Assign the population and finalize the plan

VI. Preparing the redistricting final report. Strategies, tips and best practices to present the result for final adoption by the election administration authority.
    a. Exhibit for Legal Description,
    b. Exhibit for Block Listing Assignment,
    c. The unique geo-identifier (GEOID) assigned by the U.S. Census Bureau for each block,
    d. The new district number associated with each block,
    e. The population of each block,
    f. A total population for the new district,

g. The percent deviation from the ideal district population, and

h. Exhibit for Final Map.

VII. Catered Box Lunch

VIII. Considerations for contracting out the Redistricting Process

a. Deliverable items to include

b. Coordinate systems, topology, hard copy, soft copy, ownership rights, etc.

IX. The Administration of Election Geography Explained – The end game of election administrators who work with the aftermath of the Redistricting Process.

a. How all districts must form unique ballots

b. The impact of slivers

X. Redistricting software overview

a. Summary of common redistricting tools

b. Maptitude for Redistricting demo

c. Esri desktop extension demo

d. Esri cloud redistricting demo

XI. Roll Up of Post-2020 Census Redistricting Plans (sharing the result)

a. Data Roll Up to County or State Level

b. Data Roll Up to U.S. Census Bureau

i. State House & Senate

ii. Congressional Districts

XII. Discussion or Q&A session

XIII. Wrap-up