

**Title 2—DEPARTMENT OF AGRICULTURE
Division 90—Weights and Measures
Chapter 65—Cadastral Mapping Survey Standards**

PROPOSED RULE

2 CSR 90-65.050 – Digital Cadastral Parcel Mapping Requirements Pertaining to the United States Public Land Survey System

PURPOSE: This rule describes the minimum standard requirements that apply to the United States Public Land Survey System in a digital cadastral parcel mapping system.

(1) The United States Public Land Survey System (PLSS) shall be the foundation for digital cadastral parcel mapping in Missouri.

(2) Accurately delineate the PLSS layer through practical application of available source information. Missouri County Courthouses, the Missouri Land Survey Repository, and other official sources and authorities of PLSS and record surveys are appropriate sources for survey information and documentation.

(3) Determination of the digital location of section and quarter section corners of the PLSS should adhere to the survey principles, which created the PLSS, and now guide maintenance. Digital section vertices shall be held to the accuracy standards defined in this rule, preferably existing only at the quarter-corners.

(4) Data prevalence for the establishment of the digital location of section corners shall be:

(A) Known coordinate points established by a licensed professional land surveyor, or as recorded with the Missouri Department of Agriculture's Land Survey Program.

(B) Reference data from available recorded or unrecorded surveys established by the County Surveyor or by licensed private surveyors and/or surveys filed with the Missouri Department of Agriculture's Land Survey Program.

(C) Reference data from real estate conveyances, subdivisions plats, or other recorded land information.

(D) General Land Office (GLO) surveys and field notes.

(E) Established land use on digital orthophotography.

(6) Documentation for the establishment of the PLSS section corners shall consist of a point data layer delineating how each corner was set. The PLSS registered section corner documents and subsequent research shall be referenced to this data layer within the digital mapping system. Delineation attribute may include but not be limited to:

(A) Coordinate

(B) Survey

(C) Deed

(D) Subdivision or Plat

(E) GLO

(F) Orthophotography

(G) Tax Map

AUTHORITY: Section 60.670 RSMo (2010).

PUBLIC COST: This proposed rule will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed rule will not cost private entities more than five hundred dollars (\$500) in the aggregate.

NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed rule with Missouri Department of Agriculture, Weights, Measures and Consumer Protection Division, Mr. Ronald G. Hayes, Division Director, PO Box 630, Jefferson City, MO 65102. Hand carried copies may be delivered to the Missouri Department of Agriculture, Weights, Measures and Consumer Protection Division, Mr. Ronald G. Hayes, Division Director, 1616 Missouri Blvd., Jefferson City, MO 65109. To be considered, comments must be received within thirty (30) days after publication of this notice in the Missouri Register. No public hearing is scheduled.