

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

PROPOSED RULE

2 CSR 90-65.030 Definitions

PURPOSE: This rule defines the terms as used in this standard.

- (1) Cadastral Data: Source information used to delineate the geographic extent, quantity and dimensions of cadastral parcels. Source information includes the United States Public Land Survey System (PLSS), subdivision plats, land surveys, real estate conveyances, right-of-way plans, etc.
- (2) Cadastral parcel mapping: The delineated identification of all real property parcels. The cadastral map is based upon the United States Public Land Survey System (PLSS). For cadastral parcel maps the position of the legal framework is derived from the PLSS, existing tax maps, and tax database property descriptions, recorded deeds, recorded surveys, and recorded subdivision plats;
- (3) Digital Cadastral Parcel Mapping: Encompasses the concepts of automated mapping, graphic display and output, data analysis, and database management as pertains to cadastral parcel mapping. Digital cadastral parcel mapping systems consist of hardware, software, data, people, organizations, and institutional arrangements for collecting, storing, analyzing, and disseminating information about the location and areas of parcels and the United States Public Land Survey System.
- (4) Digital Section Vertices: The points on a digital cadastral map that define the PLSS lines and corners.
- (5) Metadata: Information that describes specific details about a dataset. Metadata for geographic information may include the source of the data, its creation date and format, its projection scale, resolution, and accuracy.
- (6) Metes and Bounds: Describe the limits of a land parcel by reference to courses and distances around a tract, and by reference to natural and artificial monuments of record.
- (7) Missouri State Plane Coordinate System: The system of plane coordinates that have been established by the National Oceanic Survey/National Geodetic Survey, or its successors, for defining and stating the geodetic positions or locations of points on the surface of the earth within the state of Missouri as defined in Sections 60.401 through 60.491 of the Missouri Revised Statutes.
- (8) Parcel: A single unit of real property which can be described by location and boundaries and for which there is a history of defined, legally recognized interests. Parcel boundaries are usually described in a conveyance document by aliquot part, metes and bounds or by lot number in a recorded subdivision.
- (9) Point: A vector map feature having no length and no area, but is simply defined by a coordinate location.
- (10) Polygon: A vector map feature represented by a closed geometric figure.
- (11) Polyline: A vector map feature formed by connecting two points and having no area.
- (12) Tax Map: A document or map for taxation purposes showing the location, quantity, dimensions and other relevant information pertaining to a parcel of land subject to ad valorem taxes, commonly known as property taxes.
- (13) Topology: The spatial relationships between connecting, or adjacent, geographic features. Topological relationships are for spatial modeling operations that do not require coordinate information.

(14) United States Public Land Survey System (PLSS): The rectangular survey system created by the United States Government founded on a principal meridian and base line and forming townships approximately 6 miles north and south by 6 miles east and west, which are subdivided into 36 sections approximately one mile square. The system, established by surveys executed under the direction of the General Land Office (GLO), and evidenced by township plats, field notes and other available documentation. This system includes nonconforming private claims and other surveys as may have been performed under the direction of the General Land Office. The Fifth Principal Meridian is the basis of the Missouri PLSS.

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.