

**Title 2—DEPARTMENT OF
AGRICULTURE
Division 90—Weights, Measures and
Consumer Protection
Chapter 61—United States Public Land
Survey Corners**

PROPOSED AMENDMENT

2 CSR 90-61.070 [Missouri Coordinate System of 1983] Missouri State Plane Coordinate System. The department is amending the title, purpose, and sections (1)-(3).

PURPOSE: This amendment updates changes for the new State Plane Coordinate System.

PURPOSE: This rule prescribes requirements for referencing corners of the United States Public Land Survey to the [Missouri Coordinate System of 1983] Missouri State Plane Coordinate System.

- (1) When the corner that is removed, altered, restored, or reestablished is required to be referenced to the *[Missouri Coordinate System of 1983] Missouri State Plane Coordinate System*, the corner coordinates shall be shown on the Certified Land Corner Document form.
 - (A) **Values for the Missouri State Plane Coordinate System may be expressed in feet and decimals of a foot or meters and decimals of a meter. When values are expressed in feet, the international foot shall be used as the standard foot for the Missouri State Plane Coordinate System. One (1) international foot equals 0.3048 meters exactly or one (1) inch equals 2.54 centimeters exactly as defined by the National Institute of Science and Technology (NIST).**
- (2) Coordinates referenced to the *[Missouri Coordinate System of 1983] Missouri State Plane Coordinate System* and shown on Certified Land Corner Document forms shall comply with the following requirements:
 - (A) The position of the corner shall be based upon a geodetic control station having a horizontal accuracy of second order (as defined in 2 CSR 90-62) or higher order;
 - (B) The survey connecting the corner to the geodetic control station shall meet the accuracy standards set forth in the Missouri Standards for Property Boundary Surveys; and
 - (C) The following information shall be included on the Certified Land Corner Document form:
 1. The geodetic control station(s) that were used to determine the position of the corner;
 2. The coordinates of the geodetic control station(s) used and the appropriate Zone designation;

3. *[The appropriate adjustment date or realization designation on the North American Datum of 1983 along with the epoch date, when applicable;]* **The appropriate adjustment date or realization designation and Datum/Terrestrial Reference Frame, along with the epoch date when applicable. Epoch date refers to Reference Epoch Coordinates (RECs). Coordinates estimated by National Geodetic Survey (NGS) for one (1) of the official reference epochs NGS will define (every five (5) or ten (10) years, as currently planned). As these coordinates are computed by NGS they are considered part of the National Spatial Reference System (NSRS).**
4. A brief statement of the method used to obtain the position; and
5. The grid factor used, **if applicable.**

(3) Coordinates referenced to the *[Missouri Coordinate System of 1983]* **Missouri State Plane Coordinate System** may be used to reference corners in lieu of monuments.

*AUTHORITY: sections 60.321 and 60.550, RSMo 2016. * Rule originally filed as 10 CSR 30-3.070. Original rule filed May 3, 1994, effective Dec. 30, 1994. Moved to 2 CSR 90-61.070 and amended: Filed Dec. 1, 2016, effective June 30, 2017. Amended: Filed*

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

PRIVATE COST: This proposed amendment 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 amendment with the Missouri Department of Agriculture, Division of Weights, Measures and Consumer Protection, Land Survey Program, PO Box 937, Rolla, MO 65402, via facsimile at (573)368-2379, or via email at landsurv@mda.mo.gov. 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.*