

**Title 20—DEPARTMENT OF INSURANCE, FINANCIAL INSTITUTIONS
AND PROFESSIONAL REGISTRATION**

**Division 2030—Missouri Board for Architects, Professional Engineers,
Professional Land Surveyors, and Professional Landscape Architects
Chapter 16—Missouri Standards for Property Boundary Surveys**

PROPOSED RULE

20 CSR 2030-16.040 Accuracy Standards for Property Boundary Surveys

PURPOSE: This rule sets forth the accuracy standards for all property boundary surveys.

- (1) The professional land surveyor shall make an effort to detect and remove systematic errors.
- (2) Precision requirements for urban property:
 - (A) The uncertainty due to random errors of any dimension of direction or distance shown on the plat shall not exceed fifty parts per million (50 ppm) or one-tenth of a foot (0.10') for distances less than two thousand feet (2,000') at the sixty-eight percent (68%) confidence level (one sigma); and
 - (B) The positional uncertainty of any coordinates shown on the plat relative to the control that is held fixed, shall not exceed fifty parts per million (50 ppm) or one tenth of a foot (0.10') for distances less than two thousand feet (2,000') at the sixty-eight percent (68%) confidence level (one sigma).
- (3) Precision requirements for rural property:
 - (A) The uncertainty due to random errors of any dimension of direction or distance shown on the plat shall not exceed one hundred parts per million (100 ppm) or one tenth of a foot (0.10') for distances less than one thousand feet (1,000') at the sixty-eight percent (68%) confidence level (one sigma); and,
 - (B) The positional uncertainty of any coordinates shown on the plat relative to the control that is held fixed, shall not exceed one hundred parts per million (100 ppm) or one tenth of a foot (0.10') for distances less than one thousand feet (1,000') at the sixty-eight percent (68%) confidence level (one sigma).

AUTHORITY: sections 327.041 and 327.272, RSMo 2016. Original rule filed May 3, 1994, effective Dec. 30, 1994. Amended: Filed March 20, 2003, effective Oct. 30, 2003. Moved to 20 CSR 2030-16.040, effective Aug. 28, 2006. Rescinded and readopted: Filed November 18, 2016.

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 the Missouri Board of Architects, Professional Engineers, Professional Land Surveyors and Professional Landscape Architects, PO Box 184, Jefferson City, MO 65102, via facsimile at (573)751-8046, or via email at moapels@pr.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.*