

**Title 2—DEPARTMENT OF AGRICULTURE**  
**Division 90—Weights, Measures and Consumer Protection**  
**Chapter 60—Missouri Standards for Property Boundary Surveys**

**PROPOSED RULE**

**2 CSR 90-60.040 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 (50ppm) 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 (50ppm) 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 (100ppm) 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 (100ppm) 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 60.510(7) and 60.550, RSMo 1986 and 448.2-109, RSMo Supp. 1988.\* Original rule filed May 3, 1994, effective Dec. 30, 1994.

\*Original authority: 60.510(7) and 60.550, RSMo 1969 and 448.2-109, RSMo 1983, amended 1988.

*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.*