

**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 18—First and Second Order Horizontal and Vertical Control**

**PROPOSED AMENDMENT**

**20 CSR 2030-18.010 Definitions.** The board is amending sections (1) and (2).

*PURPOSE: This rule is being amended to provide more clarity to the definitions of positional accuracy and relative accuracy.*

- (1) Positional accuracy of a station is the *[accuracy]* **uncertainty in the position** of the station *[related]* **relative** to the *[reference]* stations that are held fixed (**i.e.**, National Geodetic Survey (NGS) or other higher order stations) in the process of the adjustment. Positional accuracy of a station is computed from the constrained, correctly weighted, least squares adjustment at the ninety-five percent (95%) confidence level.
- (2) Relative accuracy is the *[relative]* **uncertainty in the position** of one station *[with respect]* **relative** to another station. It is computed for all directly connected stations from the minimally constrained, and the constrained correctly weighted, least squares adjustment at the ninety-five percent (95%) confidence level.

*AUTHORITY: sections 327.041 and 327.272, RSMo [Supp. 2005] 2016. Original rule filed May 3, 1994, effective Dec. 30, 1994. Amended: Filed Dec. 1, 2005, effective June 30, 2006. Moved to 20 CSR 2030-18.010, effective Aug. 28, 2006. Amended: Filed November 18, 2016.*

*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 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.*