

Missouri Society of Professional Surveyors

The **USPLSS** for **Missouri** and **Arkansas**

Friday, March 19, 2021

VIRTUAL LIVE STREAM

(Also available for online purchase at a later date.)

Dr. Dick Elgin, PS, PE
Archer-Elgin Engineering & Surveying, LLC
Rolla, MO

The USPLSS for Missouri and Arkansas are similar, having been surveyed under the same instructions. But, there are differences: Missouri has RSMo Chapter 60; Arkansas has no statutory law relative to resurveys on the USPLSS. In the seminar these differences will be discussed, as well as the applicable GLO instructions, methods, lotting, protraction rules, and lost corner reestablishment rules for both states. Calculations methods (with examples) applicable for each state will be covered. All this, instructed by Dr. Dick Elgin, who literally "wrote the book", on the USPLSS for both states.

To participate virtually you must purchase registration prior to the webinar date. By email you will receive a link. An hour (or so) before the webinar click on the link to receive your admission link.

~ AGENDA ~

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|-------------------------|--|
| 9:00 - 10:00 am | Part I: The Early USPLSS
The System from May 20, 1785 thru the survey of the 5th Principal Meridian and its Base Line (1815). |
| 10:00 - 10:15 am | Break |
| 10:15 - 11:30 am | Part II: The GLO System as Applied in Missouri and Arkansas
The Original System: 5th PM, Standard Lines, Township and Range Lines, the Township Subdivision, Lotting, Section Protection. Methods, Errors, Oddities. |
| 11:30 - 12:15 pm | Lunch Break |
| 12:15 - 1:30 pm | Part III: Resurveys on the Missouri and Arkansas System
Restoration and reestablishment of the USPLSS. RSMo 60, Board Rules, Best Practices. |
| 1:30 - 1:45 am | Break |
| 1:45 - 3:15 pm | Part IV: Reestablishment of Lost Corners: Calculations and Example Problems
Calculations on the System to reestablish lost corners. Using Protracted distances. Coordinate Geometry. Example Problems. |

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Pre-registration is required ~ Registration deadline is Monday, March 15, 2021 for standard fees.

REGISTRATION

Name

Company

Address

City, State

Zip

Phone

Email

REGISTRATION FEES

- | | |
|--|----------|
| <input type="checkbox"/> MEMBER REGISTRATION
(Check one/both Associations if membership is current.) | \$130.00 |
| <input type="checkbox"/> MSPS <input type="checkbox"/> ASPS | |
| <input type="checkbox"/> NON MEMBER REGISTRATION | \$170.00 |
| <input type="checkbox"/> Late Registration (If your registration is received after March 15, 2021.) | \$50.00 |

Total Amount Enclosed/Due \$ _____

PAYMENT OPTIONS

(Payment must accompany the registration form.)

Check Enclosed Credit Card (see below) Invoice

Credit Card Payment Options: MasterCard / Visa / Discover / American Express

Credit Card #:

Exp. Date:

CVV Code:

Detach and mail payment to **MSPS; 722 East Capitol Avenue; Jefferson City, MO 65101**

Phone: 573-635-9446

Fax: 573-635-7823

Email: msps@missourisurveyor.org

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WEBINAR INFORMATION

This webinar is well suited for LSIT's, comity applicants for a Missouri or Arkansas PLS license, or PLS's who wish to earn PDU's and expand their knowledge of the USPLSS as applied in the two states.

The seminar content will be web streamed from a studio setting with smartboard.

The schedule will be 9:00 am - 3:15 pm. There will be a break for lunch from 11:30 - 12:15 pm only.

The webinar will have an interface for submitting questions to Dr. Elgin throughout the session.

System Requirements: To be able to participate virtually, you will log in and register for the webinar using a link provided by MSPS; an "admission" link will then be sent to you. Connect using this link before the webinar. Your device must have a reliable Internet connection to ensure no disruptions. MSPS does not take responsibility for inadequate service or outages. We recommend having 20 Mbps internet speed; this is a safety factor. Actual demand from the system will only be around 5-7 Mbps.

Course Reference Manual: Handouts will be emailed prior to the webinar, but much of the lecture materials will be from Dr. Elgin's books "The US Public Land Survey System for Missouri" and "The US Public Land Survey System for Arkansas." You may wish to purchase one of these prior to the webinar. Arkansas book from: www.surveyor.arkansas.gov; Missouri book from: www.missourisurveyor.org.

Cancellation Policy for the Virtual Event: If there are not sufficient virtual registrations, we will cancel and notify you on March 15, 2021. The program, in four modules, will be available for purchase through the learning portal on the MSPS website at a later time.

Continuing Education: The Missouri Board for Architects, Professional Engineers, Professional Land Surveyors and Professional Landscape Architects has reviewed and approved this course for 5.0 PDU's (2.0 of which approved as Missouri Standards Education Credits).

Send registration or administrative questions to Sandy Boeckman, mmps@missourisurveyor.org.

Send seminar content questions to Dick Elgin, elgin@rollanet.org.