

# Agenda

Presented by Barry Savage, PLS

## Working with Metes and Bounds Descriptions

History of land descriptions in the U.S.

Basic land description concepts:

- Terminology
- Bearings
- Distances
- Circular curves
- Mathematical closure
- State plane coordinates

Monuments, natural and artificial boundaries

## Reading, Interpreting and Locating Land Described with Metes and Bounds

Finding the described land on a map

Finding the described land on the ground

## Metes and Bounds Workshop: Writing, Drawing and Locating Descriptions

Writing a description

Drawing a description

Software for mapping, drawing and locating described lands

## Handling Special Issues in Metes and Bounds Descriptions

"Part of" descriptions

Exceptions and reservations

Water boundaries

Easements and other access rights

Hybrid descriptions



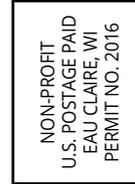
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## From 1620 to 2024: Metes and Bounds Land Description Workshop

Live, Interactive Webinar - Friday, October 11, 2024



## Learning Objectives

### You'll be able to:

**Review** land description concepts and terminology, including bearings, distances, and mathematical closure.

**Discuss** the significance of monuments, and natural and artificial boundaries.

**Locate** described lands on maps and on the ground.

**Get tips on** writing land descriptions and drawing described lands.

**Explore** software for mapping, drawing and locating described lands.

**Learn** to work with descriptions that include exceptions and reservations, easements and water boundaries.



HalfMoon Education Inc.,  
Your LIVE Education Leader Presents

# From 1620 to 2024: Metes and Bounds Land Description Workshop

Live, Interactive Webinar - Friday, October 11, 2024



**Review** basic land description concepts and terminology

**Understand** the significance of monuments, natural and artificial boundaries

**Learn** to find described lands on maps and on the ground

**Get tips on** reading and drawing land descriptions

**Explore** software for mapping, drawing and locating described lands

**Handle** special issues, including "part of" descriptions and water boundaries

### Continuing Education Credits

**Professional Engineers**  
6.0 PDHs

**Land Surveyors**  
6.0 PDHs

**Practicing Institute of Engineering**  
6.0 PDHs



# Webinar Information

**Online - Friday, October 11, 2024**

**Log into Webinar**

8:30 - 9:00 am CDT

**Break**

11:15 - 11:45 am CDT

**Morning Session**

9:00 - 11:15 am CDT

**Afternoon Session**

11:45 am - 4:00 pm CDT

**Tuition**

**\$339** for individual registration.

**\$203** per attendee for group registrations of two or more registering for the same program at the same time. *That's a 40 percent savings!*

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# Faculty

**Barry Savage, PLS**

*Survey Products Group Manager with Tennessee Valley Authority in Chattanooga, TN*  
Prior to his service at TVA, Mr. Savage was in private survey practice for 10 years specializing in dispute resolution and expert witness services. He has surveyed several disputed state boundaries to resolve jurisdictional conflicts. Mr. Savage is an adjunct professor at Cleveland State Community College where he teaches courses in boundary law, geodesy, GIS, and surveying fundamentals. He has researched and retraced the historical surveys of Henry David Thoreau and has published several articles on the subject. Mr. Savage teaches exam review and continuing education seminars at various state and local conferences across the country.

# Credit Information

This webinar is open to the public and is designed to qualify for 6.0 PDHs for professional engineers and land surveyors in most states. Please refer to specific state rules to determine eligibility.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider License No: CEA362), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00049300) and North Carolina (S-0130).

HalfMoon Education is an approved continuing education sponsor for land surveyors licensed in Indiana (License No. CE10600325), Maryland, and North Carolina (S-0130).

This webinar has been evaluated for compliance with NYS Mandatory Continuing Education requirements for professional engineers and land surveyors by the Practicing Institute of Engineering, and has been approved for 6.0 PDHs.

This webinar has been registered with the Florida Board of Professional Surveyors and Mappers for 6.0 PDHs. This webinar has been approved by the Missouri Board of APEPLSPLA for 6.0 PDUs.

This webinar has been approved by the Tennessee Board of Examiners for Land Surveyors for 6.0 PDHs.

Attendance will be monitored, and attendance certificates will be available after the webinar for those who attend the entire course and score a minimum 80% on the quiz that follows the course (multiple attempts allowed).

**On-Demand Credits**

The preceding credit information only applies to the live presentation. This course in an on-demand format may not be eligible for the same credits as the live presentation; please consult your licensing board(s) to ensure that a structured, asynchronous learning format is appropriate.

# Additional Learning

**Grasses and Groundcovers in the Northeastern U.S.**

- Wednesday, September 11, 2024 | 9:00 am - 4:00 pm CDT

**Complying With the International Existing Building Code**

- Thursday, September 12, 2024 | 9:00 am - 5:00 pm CDT

**Dark-Sky Lighting and Ordinances**

- Thursday, September 12, 2024 | 1:00 - 3:00 pm CDT

**Complying With the International Existing Building Code**

- Thursday, September 12, 2024 | 9:00 am - 5:00 pm CDT

**Deep Dive into Green Infrastructure:  
Planning Practices and Techniques**

- Thursday, September 12, 2024 | 8:00 am - 12:30 pm CDT

**Designing and Constructing for Carbon Neutrality**

- Friday, September 13, 2024 | 9:00 am - 4:00 pm CDT

**Great Lakes Region Native Plant Workshop:  
Native Plants in the Managed Landscape**

- Friday, September 13, 2024 | 9:00 am - 4:00 pm CDT

**Project Management for Engineers**

- Friday, September 13, 2024 | 9:00 am - 5:30 pm CDT

**GNSS Workshop: Understanding Common Problems**

- Monday, September 16, 2024 | 9:00 am - 12:00 pm CDT

**Retaining Wall Tieback Design**

- Wednesday, September 18, 2024 | 11:00 am - 1:50 pm CDT

**Mature Tree Management**

- Thursday, September 19, 2024 | 1:00 - 3:00 pm CDT

**Pumping and Piping Systems**

- Thursday, September 19, 2024 | 9:00 am - 12:15 pm CDT

- Friday, September 20, 2024 | 9:00 am - 12:15 pm CDT

**Reinforced Concrete Building Design and Construction**

- Thursday, September 19, 2024 | 8:30 am - 4:30 pm CDT

**Using RSMean Data to Create Cost Estimates**

- Thursday, September 19, 2024 | 9:00 am - 4:30 pm CDT

**Distinguishing Between Construction Defects and Failures**

- Wednesday, September 25, 2024 | 1:00 - 3:00 pm CDT

**Aerial Mapping for Land Surveyors and Civil Engineers**

- Monday, September 30, 2024 | 9:00 am - 4:00 pm CDT

**Solar Photovoltaic Covered Parking Facilities**

- Monday, September 30, 2024 | 10:00 am - 12:00 pm CDT

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