

# Agenda

Presented by George Lueck, P.E.

## Agenda Day One

### What is Roadway Construction Project Management?

- Project success factors
- Responsibility matrix
- Budget and schedule management
- Construction management resources
- Overview of common DOT standard specifications contract provisions

### Construction Administration

- Pre-award and post-award activities
- Measurement and payment
- Job records
- Environment
- Control of work and materials
- Health and safety
- Changes to the contract
- Local government contract oversight
- Disputes and claims
- Forms and documents

### Government Project Procedures for Federally Funded Projects Administered by Municipalities

- Letting and contract award phase
- Construction phase
- Project close-out and maintenance

## Agenda Day Two

### Major Components of Construction Inspection

- Plan approvals
- Subgrade inspection
- Notification
- Concrete inspection
- Maintenance of traffic
- Permanent stabilization
- Specifications
- Traffic control signs
- Compliance
- Pavement markings
- Construction stakeout
- Stakeout for asphalt base course
- Erosion and sediment control
- Fine grade inspection
- Clearing base course asphalt
- Drainage structures
- Shoulder adjustment
- Grading
- Surface course asphalt
- Temporary stabilization
- Field changes and alterations to construction plans
- Subgrade stakeout
- Utility installation
- Final acceptance and testing

### Material Sampling and Testing

- Quality control/quality assurance
- Test procedures
- Guide schedule for material and samples

### Additional Inspections

- Traffic control inspection
- Stormwater pollution prevention plan (SWPPP) inspection
- Americans with Disability Act (ADA) inspection

### Project Scheduling

- Critical path method
- Accelerated construction strategies

### Construction Claims and Disputes

- Common processes and procedures
- Best practices

## Construction Management for Highway and Road Projects

Online - Monday, May 9 and Tuesday, May 10, 2022



HalfMoon Education Inc.  
PO Box 278  
Altoona, WI 54720-0278



## Learning Objectives

### You'll be able to:

**Discuss** budget and schedule management for roadway construction projects.

**Get tips on** environmental protection, health and safety management during construction.

**Learn** specific procedures for managing federally funded highway construction projects.

**Learn** about obtaining inspections for construction stakeout and erosion and sediment control.

**Review** requirements and processes for subgrade, base course asphalt and concrete inspections.

**Explore** requirements for traffic control.

**Make** changes to contracted work, including field changes and alterations to construction plans.



## HalfMoon Education Live Webinars

# Construction Management for Highway and Road Projects

Live, Interactive Webinar

Monday, May 9 and Tuesday, May 10, 2022



**Review** key success factors for roadway construction project management

**Discuss** control of work and material on road projects

**Learn** the procedures for government projects that are federally funded and administered by municipalities

**Explore** the major components of construction inspections

**Get tips on** material sampling and testing

**Identify** common processes and procedures for construction claims and disputes

### Continuing Education Credits

**Professional Engineers**  
6.0 PDHs (except New York)

**Certified Planners**  
CM | 6.0

**International Code Council**  
.6 CEUs (Administration)



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# Faculty

## George Lueck, P.E.

17 years of experience with the Texas Department of Transportation (TxDOT)

Mr. Lueck started his career performing design and surveying for a variety of roadway projects ranging from farm-to-market roads, to urban roadways and high-design speed facilities in the Waco district. He later transferred to the construction division, where he provided oversight to statewide districts in the areas of construction project management, construction engineering, inspection and contract claims. After serving in this capacity for over nine years, he transferred to the transportation planning division. As assistant director of Traffic Analysis, he oversaw transportation data collection and reporting, corridor-level plans, and travel demand modeling. He then served the City of Killeen for 11 years as assistant city engineer and director of transportation. He had oversight of all operation of the city's transportation system. He was also charged with ensuring that the city's transportation system was planned, constructed and maintained in a cost-effective manner to effectively address the region's growing safety, mobility and reliability needs.

# Webinar Information

## Day One: Monday, May 9, 2022

9:00 am - 12:15 pm CDT (including a 15-min. break)

## Day Two: Tuesday, May 10, 2022

9:00 am - 12:15 pm CDT (including a 15-min. break)

*(please log into the webinars 15 - 30 minutes before start time)*

## Tuition

**\$319** for individual registration

**\$289** for two or more registrants from the same company at the same time.

**Included with your registration:** PDF seminar manual.

## How to Register

- Visit us online at [www.halfmoonseminars.org](http://www.halfmoonseminars.org)
- Mail-in or fax the attached form to 715-835-6066
- Call customer service at 715-835-5900

Webinars are presented via GoToWebinar. Instructions and login information will be provided in an email sent close to the date of the webinar. For more information, please visit our FAQ section of our website, or visit [www.gotowebinar.com](http://www.gotowebinar.com).

**Cancellations:** Cancel at least 48 hours before the start of the webinar, and receive a full tuition refund, minus a \$39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another webinar or the self-study package. You may also authorize another person to take your place.

## Can't Attend? Order the Webinar as a Self-Study Package!

Recordings of this webinar are available for purchase. See registration panel for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

# Additional Learning

## Adopting and Complying with the Zero Code 2.0

- Tues, April 5, 2022 | 8:30 am - 4:30 pm CDT

## International Building Code 2021

- Tues, April 12, 2022 | 8:00 am - 4:00 pm CDT

## IBC Building Classification, Occupancy and Mixed Occupancies

- Wed, April 13, 2022 | 9:00 am - 4:30 pm CDT

## Structural Forensic Engineering

- Tues, April 19, 2022 | 9:00 am - 3:50 pm CDT

## Managing Construction with AIA Document A201: General Conditions

- Thurs, April 21, 2022 | 9:00 am - 4:30 pm CDT

## Designing to Withstand Tornadoic Loads on Buildings

- Tues, April 26, 2022 | 9:00 am - 4:00 pm CDT

## Designing and Constructing a Net-Zero Energy Home

- Tues, April 26, 2022 | 8:30 am - 1:00 pm CDT

- Wed, April 27, 2022 | 8:30 am - 1:30 pm CDT

## Designing to Withstand Tornadoic Loads on Buildings with ASCE 7-22

- Tues, April 26, 2022 | 9:00 am - 4:00 pm CDT

## IBC Significant Changes: Administration and Building Planning

- Fri, April 29, 2022 | 11:00 am - 3:30 pm CDT

## Construction Cost Estimating and Value Engineering

- Fri, April 29, 2022 | 8:30 am - 3:20 pm CDT

## Wetland Restoration

- Fri, April 29, 2022 | 8:30 am - 4:00 pm CDT

## IBC Significant Changes: Fire Protection and Means of Egress

- Fri, May 6, 2022 | 11:00 am - 3:30 pm CDT

## IBC Significant Changes: Accessibility, Systems, and Materials

- Fri, May 13, 2022 | 11:00 am - 3:30 pm CDT

For more information and other online learning opportunities visit: [www.halfmoonseminars.org](http://www.halfmoonseminars.org)

## Continuing Education Credit Information

This webinar is open to the public and offers 6.0 PDHs to professional engineers in all states except New York.

The International Code Council has approved this event for .6 CEUs in the specialty area of Administration (Preferred Provider No. 1232).

HalfMoon Education is an approved CM Provider with the American Planning Association. This course is registered for CM | 6.0 for Certified Planners.

Completion certificates will be awarded to participants who complete this event, respond to prompts and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

## Added Value:

Enhance your learning - a recording of this webinar will be available for attendees to stream online for two weeks after the program date. (Must attend live webinar to earn live webinar credits)

# Registration

## Construction Management for Highway and Road Projects

Live, Interactive Webinar - Monday, May 9 and Tuesday, May 10, 2022

How to Register		Registrant Information
<b>Online:</b> <a href="http://www.halfmoonseminars.org">www.halfmoonseminars.org</a>		Name: _____ Company/Firm: _____ Address: _____ City: _____ State: _____ Zip: _____ Occupation: _____ Email: _____ Phone: _____
<b>Phone:</b> 715-835-5900		<b>Additional Registrants:</b> Name: _____ Occupation: _____ Email: _____ Phone: _____
<b>Fax:</b> 715-835-6066	<b>Code:</b>	Name: _____ Occupation: _____ Email: _____ Phone: _____
<b>Mail:</b> HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278		Name: _____ Occupation: _____ Email: _____ Phone: _____
<b>Complete the entire form.</b> Attach duplicates if necessary.		Email address is required for credit card receipt, program changes, and notification of upcoming seminars and products. Your email will not be sold or transferred.
		( )  I need special accommodations. Please contact me.

## Tuition

( ) **I will be attending the live webinar.** Single Registrant - **\$319.00**. Two or more registrants from the same company registering at the same time - **\$289.00** each.

( ) **I am not attending.** Please send me the webinar recording:

Streamable MP4 Video/PDF Manual for **\$329.00**.

USB Video/PDF Manual for **\$329.00**.

**Checks:** Make payable to HalfMoon Education Inc.

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