

HalfMoon Education Live Continuing Education Seminar and Webinar

Texas Roadway Construction Project Management

Austin, TX or Live Online - Friday, December 9, 2022 | 9:00 am - 4:30 pm CST

Credits:

Professional Engineers: 6.0 PDHs

International Code Council: .6 CEUs (Administration)

Certified Planners: CM|6

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What is Roadway Construction Project Management?

Project success factors Responsibility matrix
Budget and schedule management
Construction management resources
Overview of Texas DOT Standard Specifications for
Construction and Maintenance of Highways, Streets
and Bridges (Items 1-9)

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

Local Government Project Procedures

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

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

Texas and local government processes and procedures
Best practices

Live Seminar Location:

Springfield Suites Austin Parmer/Tech Ridge
12520 North IH-35, Austin, TX 78753
(512) 833-8100

Online Webinar Information:

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Recordings of this webinar are available for purchase. See details online 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.

Credit Information

This seminar and webcast are open to the public and are designed to qualify for 6.0 PDHs for professional engineers in Texas. The Texas Board of Professional Engineers and Land Surveyors does not pre-approve any courses, seminars, presentations, or other activities to meet the CEP requirement.

HalfMoon Education is an approved CM Provider with the American Planning Association. This course is registered for CM | 6 for Certified Planners.

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

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).

Presented by

George Lueck, P.E. has 18 years of experience with the Texas Department of Transportation (TxDOT). He started his career performing design and surveying for a variety of roadway projects 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. He then 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.

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