

Agenda

Presented by George Lueck, P.E.

Transportation Planning Workshop: Processes and Preliminary Engineering Considerations Day One

Monday, April 12, 2021 | 11:00 am - 2:30 pm CDT (including a 15-min. break)

Non-Automobile Considerations

- Multi-modal considerations
- Freight considerations
- Hike and bicycle planning
- Safe routes to school

Thoroughfare Development

- Functional street classifications
- Transportation planning process
- Transportation improvement plan
- Comprehensive improvement plan
- Metropolitan transportation plan
- Unified planning work program

Transportation Planning Workshop: Processes and Preliminary Engineering Considerations Day Two

Tuesday, April 13, 2021 | 11:00 am - 2:30 pm CDT (including a 15-min. break)

Capital Improvement Plan

- Prioritizing projects
- Safety
- Congestion mitigation
- Cost effectiveness
- Land use goals

Transportation Financing Tools

- Property tax
- Transportation utility fee
- Transportation reinvestment zone

Alternative Route Considerations

- Planning for traffic incidents and natural disasters

Highway Corridor Studies

- Mobility
- Geometry
- Access needs
- Public involvement

Intelligent Transportation Systems and Air Quality Considerations

- Travel time improvement
- Reduction of stops
- Congestion mitigation and air quality

Demonstration and Class Exercise

**Transportation Planning Workshop:
Processes and Preliminary Engineering Considerations**
Online - Monday, April 12 and Tuesday, April 13, 2021

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Learning Objectives

You'll be able to:

Handle non-automobile considerations in transportation plans, including freight, pedestrian and bicycle considerations.

Navigate the thoroughfare development process.

Use capital improvement plans to address transportation concerns.

Consider financing options.

Plan for the use of alternative routes.

Explain how and why highway corridor studies are conducted.

Understand the impact of intelligent transportation systems on air quality and congestion.



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HalfMoon Education Online Learning

Transportation Planning Workshop: *Processes and Preliminary Engineering Considerations*

Live, Interactive Webinar Series
Monday, April 12 and Tuesday, April 13, 2021



Explore the transportation planning process from start to finish

Plan for bicycles and pedestrians, safe school routes, freight and multi-modal transport

Examine transportation financing tools

Identify key factors to consider when conducting highway corridor studies

Learn how intelligent transportation systems can help alleviate air quality concerns

Continuing Education Credits

Professional & Civil Engineers
6.5 PDHs in all states

Certified Planners
CM|6.5



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Faculty

George Lueck, P.E., has 17 years of experience with the Texas Department of Transportation (TxDOT). He started his career performing design and surveying for a variety of roadway projects ranging from farm-to-market roads, 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, April 12, 2021
11:00 am - 2:30 pm CDT (including a 15-min. break)

Day Two: Tuesday, April 13, 2021
11:00 am - 2:30 pm CDT (including a 15-min. break)
(please log into the webinar 15 - 30 minutes before start time)

Tuition
\$289 for individual registration
\$199 for three 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
- Mail-in or fax the attached form to 715-835-6066
- Call customer service at 715-835-5900

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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.

Additional Learning

- Pruniversity:**
Plant Health Through Pruning
- Thurs., Mar. 4, 2021 | 9:00 am - 5:00 pm CST

Parking Structure Design, Construction and Maintenance
- Thurs., Mar. 11, 2021 | 8:30 am - 4:30 pm CST

Pumping and Piping Systems
- Thurs., Mar. 11, 2021 | 11:00 am - 2:15 pm CST
- Fri., Mar. 12, 2021 | 11:00 am - 2:15 pm CST

How to Build a Sustainable Future
- Thurs, Mar. 11, 2021 | 11:00 am - 2:15 pm CST

SketchUp for Building Professionals
- Thurs., Mar. 11, 2021 | 11:00 am - 2:45 pm CST
- Fri., Mar. 12, 2021 | 11:00 am - 2:45 pm CST

2021 International Residential Code: Residential Structural Design
- Fri., Mar. 12, 2021, 11:00 am - 3:30 pm CST

Retaining Wall Design and Global Stability Analysis
- Mon., Mar. 15, 2021 | 9:00 am - 5:00 pm CDT
- Engineered Lumber Design and Construction**
- Wed., Mar. 17, 2021 | 8:30 am - 5:00 pm CDT

Bioretention System Design
- Fri., Mar. 19, 2021 | 10:00 am - 12:00 pm CDT

Urban Planning and Design for Electric Bikes and Scooters
- Mon., Mar. 22, 2021 | 9:30 am - 4:30 pm CDT

Considerations for Acquiring and Developing Brownfields Properties in the U.S.
- Tues., Mar. 23, 2021 | 1:00 - 4:00 pm CDT

Designing for Climate Resilience
- Thurs., Mar. 25, 2021 | 11:00 am - 2:45 pm CDT
- Fri., Mar. 26, 2021 | 11:00 am - 2:45 pm CDT

Threats to Trees
- Fri., Mar. 26, 2021 | 9:00 am - 4:30 pm CDT

For more information and other online learning opportunities visit:
www.halfmoonseminars.org

Continuing Education Credit Information

This live interactive webinar offers 6.5 PDHs/continuing education hours to professional and civil engineers licensed in most states.

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This course is approved by the American Planner Association AICP for CM | 6 for Certified Planners (9212801).

Course completion certificates will be awarded to participants who complete the webinar in its entirety, respond to all the prompts during the instruction, and earn a score of 80% on the quiz that follows the instruction (multiple attempts allowed).

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.

Registration

Transportation Planning Workshop
Live, Interactive Webinar - Monday, April 12 and Tuesday, April 13, 2021

How to Register	Registrant Information
Online: www.halfmoonseminars.org	Name: _____ Company/Firm: _____ Address: _____ City: _____ State: _____ Zip: _____ Occupation: _____ Email: _____ Phone: _____
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Complete the entire form. Attach duplicates if necessary.	
() I need special accommodations. Please contact me.	
Tuition () I will be attending the live webinar. Single Registrant - \$289.00 . Three or more registrants from the same company registering at the same time - \$199.00 each. () I am not attending. Please send me the webinar recording: ☐ Streamable MP4 Video/PDF Manual for \$299.00 . ☐ USB Video/PDF Manual for \$299.00 .	
Checks: Make payable to HalfMoon Education Inc. Credit Card: <i>Mastercard, Visa, American Express, or Discover</i> Credit Card Number: _____ Expiration Date: _____ CVV2 Code: _____ Cardholder Name: _____ Billing Address: _____ City: _____ State: _____ Zip: _____ Signature: _____ Email: _____	
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