

Agenda

Presented by George Lueck, P.E.

Transportation Planning Day One

Monday, October 5, 2020 | 8:30 am - 12:00 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 Day Two

Tuesday, October 6, 2020 | 8:30 am - 12:00 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

Online - Monday, October 5 and Tuesday, October 6, 2020



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Learning Objectives

You'll be able to:

Discuss transportation planning considerations for automobile usage, and also for hiking and biking routes, safe routes to schools, and freight delivery.

Describe thoroughfare development planning and improvement strategies.

Prioritize capital improvement planning for transportation safety, congestion mitigation, land use planning and cost control.

Analyze financing tools, including, including property taxes, utility fees, and transportation reinvestment zones.

Discuss alternative route plans for traffic incidents and natural disasters.

Analyze highway corridor studies.

Describe the virtues of intelligent transportation systems that minimize travel times, reduce stops, and improve air quality.



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HalfMoon Education Online Learning

Transportation Planning

Live, Interactive Webinar Series

Monday, October 5 and Tuesday, October 6, 2020



Explore the transportation planning process from start to finish

Plan for bicycles and pedestrians, freight and multi-modal transport, in addition to automobiles

Do capital improvement planning

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

Texas Professional Engineers
6.5 PDHs

Certified Planners
AICP 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, October 5, 2020
8:30 am - 12:00 pm CDT (including a 15-min. break)

Day Two: Tuesday, October 6, 2020
8:30 am - 12:00 pm CDT (including a 15-min. break)
(please log into the webinar 15 - 30 minutes before start time)

Tuition
\$299 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

Parking Structure Design, Construction and Maintenance
- Tues., Sept. 29, 2020 | 11:00 am - 3:00 pm CDT
- Wed., Sept. 30, 2020 | 11:00 am - 2:30 pm CDT

Project Management Fundamentals for Engineers
- Tues., Sept. 29, 2020 | 8:30 am - 4:00 pm CDT

Passive House: Planning, Design and Construction
- Tues., Sept. 29, 2020 | 9:30 am - 5:00 pm CDT

Special Inspections under the International Building Code Chapter 17
- Tues., Sept. 29, 2020 | 8:30 am - 4:00 pm CDT

Structural Forensic Engineering
- Tues., Sept. 29, 2020 | 8:30 am - 4:30 pm CDT

The Tree Course: Science, Design, and Sustainability
- Wed., Sept. 30, 2020 | 8:30 am - 4:00 pm CDT

Site Design
- Wed., Sept. 30, 2020 | 7:30 am - 4:00 pm CDT

Stormwater Best Management Practices
- Wed., Sept. 30, 2020 | 8:30 am - 5:00 pm CDT

Tracking the Railroads
- Wed., Sept. 30, 2020 | 11:00 am – 4:00 pm CDT

Geodetic Datums: Fundamentals and New Developments
- Thurs., October 1, 2020 | 10:30 am - 3:15 pm CDT
- Fri., October 2, 2020 | 10:30 am - 2:45 pm CDT

Seismic Design and Construction
- Thurs., October 1, 2020 | 11:00 am - 3:00 pm CDT
- Fri., October 2, 2020 | 11:00 am - 2:30 pm CDT

For more information and other online learning opportunities visit:
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Continuing Education Credit Information
This webinar is open to the public and offers 6.5 PDHs to Texas professional engineers. Educators and courses are not subject to preapproval in Texas.

This course is approved by the APA American Institute of Certified Planners for CM | 6.5. Full attendance is required for attendance reporting.

Attendance will be monitored, and attendance certificates will be available after the webinar for those who attend and participate in the entire event and who pass the quiz (80%) that follows the presentation (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

Live, Interactive Webinar - Monday, October 5, 2020 and Tuesday, October 6, 2020

How to Register		Registrant Information
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Complete the entire form. 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.
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Tuition () I will be attending the live webinar. Single Registrant - \$299.00 . 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: <input type="checkbox"/> Streamable MP4 Video/PDF Manual for \$279.00 . <input type="checkbox"/> USB Video/PDF Manual for \$279.00 .		
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