

Agenda

Presented by Laton Carr, P.E., C.F.M.

Accommodating Multiple Purposes of Site Engineering

- Landscape aesthetics
- Stormwater management
- Engineering for built elements
- Sustainability goals: minimizing disturbance and preserving natural features

Site Screening (Considering the Impact of Soils, Landforms and Other Factors)

- Assessments - environmental site assessments (ESA), wetlands and geotechnical
- Understanding the role of soils
- Soil characteristics, classification and engineering properties
- Using grade changes effectively

Grading Slopes and Contours

- Obtaining topographic data
- Determining and analyzing slopes
- Visualizing contour lines
- Grading planar surfaces

Site Engineering for Stormwater Management and Erosion Control

- Determining volume and rate of stormwater runoff
- Stormwater modeling
- Evaluating stormwater management techniques
- Reviewing erosion and sediment control principles and processes

Site Grading

- Grading for roads, sidewalks, and paths
- Grading for stairs and ramps
- Grading for retaining walls
- Slopes

Case Studies

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)

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

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Texas Practical Site Engineering: Science and Techniques

Live, Interactive Webinar - Monday, June 20, 2022

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Altoona, WI 54720-0278



Learning Objectives

You'll be able to:

Accomplish the multiple purposes of site engineering, including stormwater management and engineering for built elements.

Consider the impacts of environmental conditions, soils and landforms.

Get tips on grading slopes and contours.

Grade for roads, sidewalks, paths and retaining walls.

Engineer for stormwater management and erosion control.

Put ideas into practice with site engineering case studies.



HalfMoon Education Live Webinars

Texas Practical Site Engineering: Science and Techniques

Live, Interactive Webinar - Monday, June 20, 2022



Explore multiple purposes of site engineering

Study the impact of soils, landforms and other factors in site screening

Grade slopes and contours

Learn about site engineering for stormwater management and erosion control

Discuss site grading for roads, sidewalks, paths, stairs and ramps, and retaining walls

Continuing Education Credits

Professional Engineers

6.5 PDHs

Architects

6.5 HSW CE Hours

6.5 AIA LU | HSW

Landscape Architects

6.5 HSW PDHs

6.5 LA CES HSW PDHs

International Code Council

.65 CEUs (Sitework)



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Faculty

Laton Carr, P.E., C.F.M.
Floodplain Administrator and Utility Engineer, City of Round Rock, TX
Until the end of last year, Mr. Carr served as the Planning and Development Services Engineering Division Manager with the City of Round Rock, Texas. With that previous group he facilitated permit applications for site and subdivision development from the point of annexation and platting through site construction and closeout. Mr. Carr spent 13 years in this review and permitting role after four years with Pape-Dawson Consulting Engineers designing site and subdivision plans.

Mr. Carr now reviews utilities, flood studies, and drainage studies for his former group for code compliance and technical correctness. Additionally, he advises other City of Round Rock departments on floodplain related items as well as manages Capital Investment Projects for the City for drainage and utility projects.

Prior to working for the City of Round Rock and Pape-Dawson in Austin, Mr. Carr earned his B.S. degree in Civil Engineering from The University of Texas at Austin. He continues to serve as a mentor for a senior civil engineering design class at the University of Texas, which he has done for the past several years. He is also a member of the American Society of Civil Engineers. Mr. Carr is a licensed professional engineer in Texas and is a certified floodplain manager.

Webinar Information

Log into Webinar 8:00 - 8:30 am CDT	Break 12:00 - 1:00 pm CDT
Morning Session 8:30 am - 12:00 pm CDT	Afternoon Session 1:00 - 4:30 pm CDT

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
- 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.

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Additional Learning

- Managing Construction Projects**
- Thurs, May 19, 2022 | 8:30 am - 5:00 pm CDT

Designing a Smarter Home
- Mon, May 23, 2022 | 8:00 am - 4:00 pm CDT

HEC-RAS Modeling Basics
- Mon, May 23, 2022 | 8:30 am - 5:00 pm CDT

Aerial Mapping Technologies and Procedures
- Tues, May 24, 2022 | 8:30 am - 5:00 pm CDT

Managing Engineering Liability and Risk in Texas
- Wed, May 25, 2022 | 8:30 am - 4:00 pm CDT

Passive House: Planning, Design and Construction
- Tues, May 24, 2022 | 8:30 am - 4:30 pm CDT

Flood-Resistant Design and Construction
- Wed, May 25, 2022 | 11:00 am - 2:00 pm CDT
- Thurs, May 26, 2022 | 11:00 am - 3:00 pm CDT
- Soil Mechanics, Bearing Capacity and Slope Stabilization**
- Wed, May 25, 2022 | 8:30 am - 4:30 pm CDT

Universal Residential Design
- Wed, May 25, 2022 | 8:30 am - 4:30 pm CDT

Residential and Small Commercial Timber Frame Design and Construction
- Thurs, May 26, 2022 | 8:30 am - 4:30 pm CDT

2021 International Residential Code: Residential Building Planning
- Wed, June 1, 2022 | 11:00 am - 3:30 pm CDT

Deep Foundations and Excavations
- Wed, June 8, 2022 | 8:30 am - 4:30 pm CDT

Complying with the Residential Provisions of the IECC 2021
- Thurs, June 9, 2022 | 8:30 am - 4:30 pm CDT
- For more information and other online learning opportunities visit: www.halfmoonseminars.org

Continuing Education Credit Information
This webinar is open to the public and offers 6.5 PDHs to professional engineers, 6.5 HSW continuing education hours to licensed architects and landscape architects in Texas. Educators and courses are not subject to pre-approval in Texas.

Engineers, architects, and landscape architects seeking continuing education credit in other states will be able to claim the hours earned at this webinar, in most cases. Refer to specific state rules to determine eligibility.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider No. 0004647), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700) and North Carolina (S-0130). HalfMoon Education is deemed an approved continuing education sponsor for New York engineers and architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2) and §69.6(i)(2)). Other states do not preapprove continuing education providers or courses.

The American Institute of Architects Continuing Education System has approved this course for 6.5 LU | HSWs (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The Landscape Architecture Continuing Education System has approved this course for 6.5 HSW PDHs. Only full participation is reportable to the LA CES.

The International Code Council has approved this event for .65 CEUs in the specialty area of Sitework (Preferred Provider No. 1232).

Visit this course listing at www.halfmoonseminars.org for updates on pending credits

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

Registration

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How to Register Online: www.halfmoonseminars.org Phone: 715-835-5900 <table><tr><td>Fax: 715-835-6066</td><td>Code:</td></tr></table> Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278 Complete the entire form. Attach duplicates if necessary.	Fax: 715-835-6066	Code:	Registrant Information Name: _____ Company/Firm: _____ Address: _____ City: _____ State: _____ Zip: _____ Occupation: _____ Email: _____ Phone: _____ Additional Registrants: Name: _____ Occupation: _____ Email: _____ Phone: _____ Name: _____ Occupation: _____ Email: _____ Phone: _____ 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.
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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. Credit Card: <i>Mastercard, Visa, American Express, or Discover</i> Credit Card Number: _____ Expiration Date: _____ CV2 Code: _____ Cardholder Name: _____ Billing Address: _____ City: _____ State: _____ Zip: _____ Signature: _____ Email: _____			
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