

Agenda

Establishing a Pavement Management System

- Defining pavement management programs and systems
- How managing your pavements will help your roadway network
- Primary components of a pavement management system
- Primary methods of condition assessment
- Developing a complete pavement management program

J. Golden

Asphalt Roadway Maintenance and Repair

- Asphalt roadway distresses (identification and causes)
- Asphalt roadway repairs
 - Crack sealing
 - Patching
 - Surface treatments
 - HMA overlays (ultra-thin, thin, and conventional)

D. Peshkin

Jointed Concrete Pavements: Full-Depth Repairs

- Selecting appropriate projects for treatment
- Design and materials
- Preparation and construction
- Quality control/quality assurance

T. Martin

Roadside Maintenance and Repair

- Shoulder repair and grading
- Cut slope repair
- Erosion control for roadside slopes

C. Mohney

Roadway Maintenance, Rehabilitation, and Repair

Live, Interactive Webinar - Friday, August 12, 2022

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



Learning Objectives

You'll be able to:

- Develop** developing a complete pavement management program.
- Explore** asphalt roadway repairs, including crack sealing, patching, surface treatments, and HMA overlays.
- Review** design and material selection for full-depth repairs of jointed concrete pavements.
- Shoulder** and cut slope repair.
- Learn** techniques for shoulder repair and grading.

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HalfMoon Education Live Webinars

Roadway Maintenance, Rehabilitation, and Repair

Live, Interactive Webinar - Friday, August 12, 2022



- Establish** a pavement management system
- Explore** full-depth repairs of jointed concrete pavements
- Examine** asphalt roadway distresses and their causes
- Learn** about erosion control for roadside slopes
- Discuss** asphalt roadway maintenance and repair

Continuing Education Credits

- | | |
|---|--|
| Professional Engineers
6.0 PDHs | Landscape Architects
6.0 HSW CE Hours
6.0 LA CES HSW PDHs |
| Architects
6.0 HSW CE Hours
6.0 AIA LU HSW | Certified Planners
CM 6 |



Faculty

James Golden is the founder and CEO of Pavement Management Group, headquartered in Heath, Ohio, with satellite offices in Tampa, Florida; Oviedo, Florida; and Branson, Missouri. With over 20 years of experience directly within the pavement management, maintenance, and engineering industries, his passion truly lies in helping local governments to develop better roadway networks through a standardized pavement management blueprint.

David Peshkin, P.E. joined APTech in 1996 as a vice president and principal of Applied Pavement Technology, focusing his technical efforts in preventive maintenance and preservation; pavement evaluation and design; technology transfer for pavement design, maintenance, and rehabilitation; and pavement research. Today, as chief engineer and principal, he provides consulting engineering services on airport and roadway projects across the United States and around the world. His current projects include a pavement preservation benchmarking study for FHWA and surface treatment studies for Arizona DOT and the FAA. He holds BS and MS degrees in Civil Engineering from the University of Illinois, a BA degree in History from Swarthmore College, and is a registered professional engineer in 15 States.

Timothy J. Martin, P.E. is president and the principal engineer at 2TM Consulting Engineers. He has extensive pavement engineering experience, specializing in the design, performance, management, evaluation and forensic investigation of pavement structures. His application of design principles and research has optimized pavement designs for state highway design build projects, municipal pavement design, aviation and port pavement designs. An industry expert in the analysis and problem solving of pavement performance issues, Mr. Martin has led investigations into premature

pavement failures for many clients across all market sectors. He has taught flexible pavement design to local agencies utilizing publicly available state agency software. He is a current member of ACI committees 325 and 330 and has contributed to those concrete pavement specifications. He is a frequent presenter at associations and technical conferences applying his research and case studies.

Curran E. Mohney, RG, CEG is the Engineering Geology Program leader for the Oregon Department of Transportation (ODOT). The Engineering Geology Program at ODOT encompasses site characterization, subsurface exploration, slopes and embankments, geologic hazards, groundwater, geotechnical instrumentation, and planning and research activities. In this role, he also oversees the Unstable Slopes (landslide/rockfall) Program for ODOT. He is a registered geologist and a certified engineering geologist in Oregon with over 25 years of experience in Oregon and the western states. Mr. Mohney has been the Engineering Geology Program leader since 2004. Prior to this, he had been a staff and project-level geologist for consulting firms and the mining industry as well as for ODOT. He is a graduate of the Geology Program at Portland State University. During his professional career, Mr. Mohney has been involved in the investigation, design, and mitigation of hundreds of landslides and rockfalls

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.
(live webinar attendance required to receive live webinar credit)

Webinar Information

First Section: 9:00 - 11:30 am CDT
Second Section: 12:00 - 1:30 pm CDT
Third Section: 2:00 - 4:00 pm CDT
(please log into the webinar 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.

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Continuing Education Credit Information

This webinar is open to the public and is intended to offer 6.0 PDHs to professional engineers, 6.0 HSW continuing education hours to licensed architects, and 6.0 HSW continuing education hours to landscape architects in all states that allow this learning method. Please refer to specific state rules to determine eligibility.

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The American Institute of Architects Continuing Education System has approved this course for 6.0 LU|HSW (Sponsor No. J885). Only full participation is reportable to the AIA CES.

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has approved HalfMoon Education as a provider of continuing education. This course has been submitted for LA CES approval and is currently pending. Only full participation is reportable to the LA CES.

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

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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).

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Registration

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Tuition	
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