

Agenda

Presented by Mary Wescott

Principles of Pavement Design

Goals and considerations
Smooth, dense, uniform
Terminology and basic language

Design Components

Aggregates
Recycled materials
Design methods
Asphalt binders

Surface Types (Subbase)

Milled
Reclaim
Overlay
Box cut
New construction

Installation

Maintenance and Rehabilitation

Goals and considerations
Distresses
Preservation techniques
Rehabilitation practices

Measurement and Testing Technologies

Research sources and tools
Quality control and assurance

Q&A

Hot Mix Asphalt (HMA) Pavement Design
Amherst, NY - Wednesday, December 12, 2018

NON-PROFIT
U.S. POSTAGE PAID
EAU CLAIRE, WI
PERMIT NO. 2016

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



Learning Objectives

You'll be able to:

Discuss goals and considerations in the design of hot mix asphalt pavements.

Explore components of HMA pavements, including aggregates, recycled materials, and asphalt binders.

Discuss surface types, including milled, reclaim and overlay.

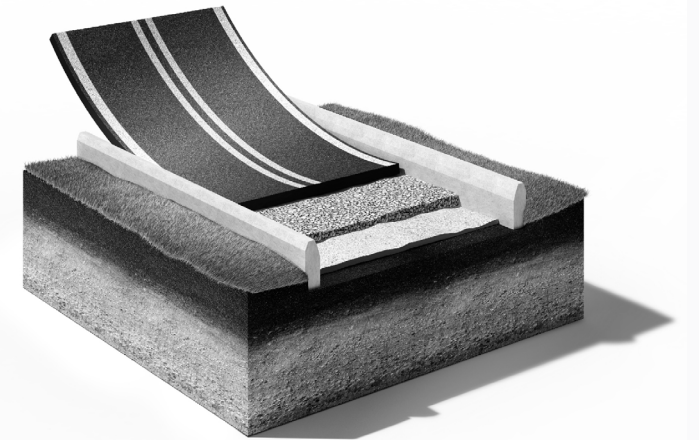
Get tips on installation, maintenance and rehabilitation of HMA pavements.

Learn about quality control and quality assurance.



Hot Mix Asphalt (HMA) Pavement Design

Amherst, NY - Wednesday, December 12, 2018



Understand the principles of pavement design

Identify design components

Examine surface types

Learn about maintenance and rehabilitation

Discuss pavement installation

Explore measurement and testing technologies

Continuing Education Credits

Professional Engineers

6.5 Continuing Ed. Hours

Contractors

Non-Credit Continuing Ed.



HalfMoon Education Inc.
WWW.HALFMOONSEMINARS.ORG

Faculty

Mary Wescott *NH QC Manager for Pike Industries*

Ms. Wescott has worked in the road construction industry for over 25 years. The past 20 years have been spent as a hot mix asphalt designer, quality control production analyst, and trouble shooter. She holds a BS degree in Mechanical Engineering from the University of New Hampshire, and is a licensed professional engineer in the state of New Hampshire with a discipline in thermal and fluid systems. Ms. Wescott is a member of New Hampshire Asphalt Specification subcommittee with the New Hampshire Department of Transportation and other industry leaders. She also represents Pike Industries on mix design committee for the Northeast Asphalt User Producer Group.

Here’s what past attendees had to say about the program and presenter Mary Wescott:

“Excellent information” — *Consulting Engineer*

“Great.” — *Professional Engineer*

Seminar Information

Buffalo Marriott Niagara
1340 Millersport Highway
Amherst, NY 14221
(716) 689-6900

Registration
8:00 - 8:30 am
Morning Session
8:30 am - 12:15 pm
Lunch (on your own)
12:15 - 1:15 pm
Afternoon Session
1:15 - 4:30 pm

Tuition

\$279 for individual registration
\$259 for three or more registrations.

Each registration includes a complimentary continental breakfast and printed 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

Cancellations: Cancel at least 48 hours before the start of the seminar, and receive a full tuition refund, minus a \$39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another seminar. You may also send another person to take your place.

Continuing Education Credit Information

This seminar is open to the public and offers 6.5 continuing education hours to professional engineers in all states.

HalfMoon Education is an approved continuing education provider for New York engineers (NYSED Sponsor No. 35) and New Jersey professional engineers (Approval No. 24GP00000700).

HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana, Maryland, North Carolina, and North Dakota.

This seminar offers a non-credit continuing education opportunity to contractors. It has not been approved by any contractor licensing entity.

Attendance will be monitored, and attendance certificates will be available after the seminar for most individuals who complete the entire event. Attendance certificates not available at the seminar will be mailed to participants within fifteen business days.

Additional Learning

Webinar Series

Geothermal Heating and Cooling

- **Thermodynamic Basics of Geothermal Systems**
Thurs., Nov. 1, 2018, 11:00 AM - 12:00 PM CDT
- **Understanding Earth Loop Systems**
Thurs., Nov. 1, 2018, 12:30 - 2:00 PM CDT
- **Choosing and Designing Geothermal Systems**
Fri., Nov. 2, 2018, 11:00 AM - 12:00 PM CDT
- **Evaluating and Maintaining Geothermal Systems**
Fri., Nov. 2, 2018, 12:30 - 2:30 PM CDT

Cogeneration System Principles and Practice

- **Understanding the Benefits of Cogeneration**
Thurs., Nov. 8, 2018, 11:00 AM - 12:30 PM CST
- **Laws, Regulations and Building Codes Impacting Cogeneration**
Thurs., Nov. 8, 2018, 1:00 PM - 2:30 PM CST
- **Examining Cogeneration Technologies**
Fri., Nov. 9, 2018, 11:00 AM - 12:30 PM CST
- **Moving to Cogeneration: Analysis, Modeling and Case Studies**
Fri., Nov. 9, 2018, 1:00 - 2:30 PM CST

Shallow Foundation Design and Construction

- **Evaluating Building Sites**
Wed., Nov. 14, 2018, 11:00 AM - 12:30 PM CST
- **Shallow Foundation Design**
Wed., Nov. 14, 2018, 1:00 - 2:30 PM CST
- **Special Considerations in Foundation Design and Construction**
Thurs., Nov. 15, 2018, 11:00 AM - 12:30 PM CST
- **Soil Improvement and Foundation Diagnosis and Repair**
Thurs., Nov. 15, 2018, 1:00 - 2:30 PM CST

Roadway Design

- **Roadway Design**
Thurs., Nov. 29, 2018, 11:00 AM - 12:30 PM CST
- **Roadway Design Process**
Thurs., Nov. 29, 2018, 1:00 - 2:00 PM CST
- **Typical Roadway Sections and Alignment**
Fri., Nov. 30, 2018, 11:00 AM - 1:30 PM CST
- **Intersections, Drainage and Pedestrian-Bicycle Facilities**
Fri., Nov. 30, 2018, 2:00 - 3:30 PM CST

For more information visit:
www.halfmoonseminars.org/webinars/

Registration

Hot Mix Asphalt (HMA) Pavement Design
Amherst, NY - Wednesday, December 12, 2018

How to Register		Registrant Information
Online: www.halfmoonseminars.org		Name: _____
Phone: 715-835-5900		Company/Firm: _____
Fax: 715-835-6066		Address: _____
Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278		City: _____ State: _____ Zip: _____
Complete the entire form. Attach duplicates if necessary.		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.

Tuition
() I will be attending the live seminar. Single Registrant - \$279.00 . Three or more registrants from the same company registering at the same time - \$259.00 each.
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: _____