



A Local Technical Assistance Program - LTAP

ALABAMA TECHNOLOGY TRANSFER CENTER

AT AUBURN UNIVERSITY

Presents a Seminar on

Asphalt Engineering for Local Agencies

**Huntsville
April 10, 2018**

**Pelham
April 11, 2018**

**Mobile
April 17, 2018**

**Montgomery
April 18, 2018**

Local agency engineers in Alabama have a difficult time maintaining their expertise in all engineering disciplines. Whether you are responsible for an urban network or rural network, asphalt paving is a part of your program. Engineers must understand asphalt technology to design and construct good performing pavements.

This one-day LTAP workshop will provide engineers a clear and up to date understanding of asphalt technology and best practices to provide the public with a cost-effective and sustainable roadway system. Engineers involved with materials, construction, and design of asphalt pavements will benefit from the workshop. Engineers will receive guidance on reviewing material quality and mix designs, understanding accepted asphalt plant production and paving practices, and assessing existing pavement distress and performance. Local transportation agencies need to be familiar with asphalt technology to better understand how it improves the cost-effectiveness of their paving program.

The workshop provides technical background in asphalt paving technology and relates that knowledge to current state practices to improve pavement performance. Upon completion, engineers will return to their agency with improved expertise in fundamental asphalt principles, material quality, and construction practices used to achieve a quality asphalt pavement. The workshop also covers pavement performance and construction troubleshooting. Engineers will be able to communicate effectively with asphalt specialists when the need arises.

This workshop should be of direct interest to those people in the civil engineering field, including county engineers, city engineers, public works officials, transportation engineers, DOT personnel, contractors, consultants, and all those with responsibilities for streets and highways.

Please complete and return the enclosed registration form. A fee of \$150.00 per person should be mailed with your registration. Payment may be made by phone or fax if paying with a credit card or government agency purchase order. Registrants are reminded that registration is not complete until payment is made. The registration fee includes handout materials, break refreshments, lunch and a certificate of participation. Thank you for your continued support of the Alabama Technology Transfer Center. Rod Turochy, Larry Sellers, Garry Havron, and Addie Balch look forward to your attendance at this seminar.

Seminar Topics

Session 1	Materials: binder grading, aggregate properties, and use of RAP
Session 2	Mix Design: mix types, mix properties, volumetrics, and performance testing
Session 3	Plant Production: equipment, process, quality control
Session 4	Paving and Compaction: equipment, practices, quality control
Session 5	Pavement Performance: types of distress and performance measures
Session 6	Construction Trouble Shooting and Forensic Studies: Look before you leap

Seminar Instructors

Dr. Michael A. Heitzman, PE, Assist. Director, National Center for Asphalt Technology

Dr. Heitzman started his career with NCAT in 2007. He works with research, training, and program management. Prior to 2007, he served nine years as the Iowa DOT Bituminous Materials Engineer where he managed and advanced asphalt technology, implemented Superpave and updated the quality assurance program. He is a registered PE in Washington and Iowa. He received a Civil Engineering BS and an Engineering Management MS from the University of Missouri - Rolla and Civil Engineering PhD from Iowa State University.

Don Watson, PE, Research Engineer, National Center for Asphalt Technology

Mr. Watson received his BS in Civil Engineering Technology from Southern Polytechnic State University in 1986 while working for the Georgia DOT. During his 32 year career with GDOT, Don served as Materials Technician, Asphalt Field Technical Services Engineer, State Asphalt Design Engineer, State Bituminous Construction Engineer, and Assistant State Materials and Research Engineer. Don is a registered professional engineer in Georgia and Alabama.

Lyndi Davis Blackburn, PE, Asst. State Materials & Tests Engineer, Alabama DOT

Ms. Blackburn graduated from Auburn University in 1991 with a BS and in 1994 with a MS. She has worked for the Alabama Department of Transportation since 1990 and has been the Assistant State Materials and Tests Engineer the last ten years. For the last six years, she has been very active in developing ALDOT's preservation program. She is a registered PE in the state of Alabama.

Seminar Schedule

8:00 a.m.	Registration & Check-In (Coffee)
8:30 a.m.	Call to Order, Welcome, Seminar Objectives
10:15 a.m.	BREAK
12:00 Noon	LUNCH
1:00 p.m.	Seminar Instruction Continues
2:15 p.m.	BREAK
4:00 p.m.	Seminar Evaluations, Certificates, Adjournment

Locations

Huntsville - April 10, 2018

Holiday Inn - Research Park
5903 University Drive
Huntsville, AL 35816
800-845-7275

Pelham - April 11, 2018

Pelham Civic Center
500 Amphitheater Road
Birmingham, AL 35124
205-620-6488

Mobile - April 17, 2018

Hampton Inn & Suites Providence Park
525 Providence Park Drive
Mobile, AL 36695
251-776-5866

Montgomery - April 18, 2018

Hilton Garden Inn Montgomery - East Chase
7665 East Chase Parkway
Montgomery, AL 36117
334-244-0101

Continuing Education Units

Participants completing this seminar will receive 0.60 Continuing Education Units (CEUs). The CEU is a nationally accepted measure of continuing education credit and is awarded at the rate of one CEU for each ten contact hours of qualifying instruction. Auburn University makes every effort to ensure that the CEU granting programs conform to the requirements of the State of Alabama Board of Licensure for Professional Engineers and Land Surveyors for the award of Professional Development Hours to support the annual renewal of professional licensure.

Sponsorship

This seminar is one of the series of conferences and workshops being conducted as part of the Alabama Technology Transfer Center at Auburn University. This program is a part of the Local Technical Assistance Program (LTAP) supported by the Federal Highway Administration, the Alabama Department of Transportation, and Auburn University.

This seminar is the 356th offered, with more than 45,000 attendees, since the program's inception in 1983. The Alabama Technology Transfer Center is administered at Auburn University through the Engineering Continuing Education office and the Department of Civil Engineering. For further information and suggestions for future programs, contact Rod Turochy, Department of Civil Engineering, at 334-844-6271 or rodturochy@auburn.edu.

Accommodation of Participants with Disabilities

It is the policy of Auburn University to provide accessibility to its programs and reasonable accommodation for persons defined as having disabilities under the Americans with Disabilities Act of 1990. Please contact us at least two weeks prior to the event so that proper consideration can be given to any special needs.

Cancellation Policy

We understand that circumstances may arise that could require you to cancel your registration, and we make every effort to accommodate your needs. Due to commitments to our instructors and facilities, the registration fee is not refundable if a registrant withdraws less than five working days before the seminar. You may substitute registrants; please notify us in advance if possible. Non-paid, no show registrants will be invoiced for the full cost of the seminar. Engineering Continuing Education reserves the right to cancel or modify any program offering, but will provide registrants the option of a full refund. Auburn University will not be responsible for expenses incurred by a registrant as the result of a cancelled or rescheduled program.

Registration

Your pre-paid registration guarantees you a seat in the seminar as well as information on any changes to the seminar. Registration on the day of the seminar will be accepted on a space available basis, but enrollment will close when the capacity of the seminar is reached. **Participants are reminded that registration is not complete until payment is received.**

ONLINE REGISTRATION AT: WWW.ENGCE.AUBURN.EDU

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- Huntsville, April 10, 2018 Pelham, April 11, 2018 Mobile, April 17, 2018 Montgomery, April 18, 2018

Name _____

Employer _____ Position _____

DOT Division/Bureau _____ Address _____

City _____ State _____ Zip+4 _____

Phone _____ Fax _____ E-mail _____

Fee: \$150.00

Payment by: Check (Payable to Auburn University)

Visa MasterCard American Express Discover P O # _____

Credit Card # _____

Security Code* _____ Expiration Date _____

(*VISA/MC/DISC - three digit code on back; AMEX - four digit code on front)

Cardholder's Name _____

Signature _____

Are you an Auburn Alumnus? Yes No

Return Registration Form and Payment to:

Engineering Continuing Education
217 Ramsay Hall
Auburn, AL 36849-5375
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Fax 334-844-5715
www.engce.auburn.edu

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