



A Local Technical Assistance Program - LTAP

ALABAMA TECHNOLOGY TRANSFER CENTER

AT AUBURN UNIVERSITY

Presents a Seminar on

THE ASPHALT PAVEMENT RECYCLING INDUSTRY

Huntsville
April 19, 2011

Pelham
April 20, 2011

Mobile
May 3, 2011

Montgomery
May 4, 2011

Dear Colleague:

The recycling of asphalt pavement sections is an effective pavement rehabilitation technique that provides public and private sectors with a material that can be reused in-place or in various other products. Based on the road conditions the recycled material is either used in the construction of a new strong durable base capable of withstanding a wide range of loads or removed for later uses. The asphalt materials removed can then be further recycled through central Cold Mix and Hot Mix Plants or used to correct profile deficiencies by placing the material on existing granular or bituminous surfaces.

Now, as the prices of fuels and aggregates increase and resources continue to be depleted, road construction using existing materials with additional chemical and/or bituminous stabilizers, has become a growing method to reconstruct old worn out pavements and as alternate method in the construction of new pavement areas.

This one-day program will help participants examine and understand the technical, social and economical benefits of the reclamation process.

This course 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, consultants, and all those with responsibilities for streets and highways.

Please complete and return the enclosed registration form. A fee of \$125.00 per person should be mailed with your registration. Payment may be made by phone or fax if paying with Visa, MasterCard, Discover, American Express, 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. Larry Sellers, Garry Havron and I look forward to your attendance at this seminar.

Sincerely,

Robert L. Vecellio
Alabama T² Center Director

Seminar Topics and Schedule

- 8:00 am** **REGISTRATION AND CHECK-IN**
- 8:30 am** **INTRODUCTION AND COURSE OVERVIEW**
- 8:45 am** **APPLYING THE RIGHT TREATMENT TO THE RIGHT ASSET AT THE RIGHT TIME**
- Construction Stage
 - Stabilization
 - Preventative Maintenance
 - Rehabilitation Stage
 - Cold Planing
 - Cold-In-Place Recycling
 - Reconstruction Stage
 - Cold-In-Place Recycling
 - Full Depth Reclamation
- 10:15 am** **BREAK**
- 10:30 am** **CONSTRUCTION STAGE - STABILIZATION PROJECTS**
- Equipment
 - Additives
- 12:00 pm** **LUNCH**
- 1:00 pm** **RECONSTRUCTION STAGE – FULL DEPTH RECLAMATION PROJECTS**
- Equipment
 - Mix Design
 - Additives
- 2:30 pm** **BREAK**
- 2:45 pm** **RECONSTRUCTION STAGE – FULL DEPTH RECLAMATION PROJECTS**
- Structural Benefits
 - Economical Benefits
 - Quality Control
 - Social Benefits
 - Safety Considerations
 - Perceived Barriers
- 3:30 pm** **SUMMARY & QUESTIONS**
- 4:00 pm** **EVALUATIONS, CERTIFICATES, AND ADJOURNMENT**

Locations and Dates

Huntsville — April 19, 2011

Holiday Inn - Research Park
5903 University Drive
Huntsville, AL 35816
800.845.7275

Pelham — April 20, 2011

Pelham Civic Center
500 Amphitheater Road
Birmingham, AL 35124
205.620.6448

Mobile — May 3, 2011

Hampton Inn & Suites Providence Park
525 Providence Park Drive
Mobile, AL 36695
251.776.5866

Montgomery — May 4, 2011

Renaissance Hotel and Spa
201 Tallapoosa Streets
Montgomery, AL 35816
877.545.0311

Seminar Instructors

Kimbel Stokes is the General Manager for The Miller Group's U. S. operations. The Miller Group specializes in pavement recycling techniques such as cold planing and full depth reclamation in nine southeastern states. Kim has been instrumental in developing the equipment and techniques utilized in this process. He has over 38 years experience in managing civil construction throughout the southeastern United States and serves as a pavement consultant for many of the NASCAR superspeedways, and dragstrips for the National Hot Rod Association.

Joe Vail is the Technical Marketing Representative for The Miller Group's U.S. operations, covering nine southeastern states with services in the recycling industry. Joe has managed various construction projects and maintenance programs and is known for his hands-on management style. He has thirty four years experience in project design, layout, construction, and maintenance. He has a degree in Civil Engineering and received his professional experience working with the South Carolina Department of Transportation, private engineering and development companies, road construction companies and as a public works director.

Continuing Education Units

Participants completing this seminar will receive 0.6 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 it's 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 registration.

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 258th offered, with more than 36,000 attendees since the program's inception in 1983. In addition to conducting training seminars, the T² Center also publishes a quarterly newsletter, distributes publications, and maintains a lending library of videos on technical subjects. 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 Robert L. Vecellio, Department of Civil Engineering, at (334) 844-4320 or vecellio@eng.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

Full Depth Reclamation and the Recycling Industry

Huntsville– April 19, 2011 Pelham – April 20, 2011 Mobile – May 3, 2011 Montgomery – May 4, 2011

Please print or type; register one person per form; photocopy if more forms are needed.

Name _____ Last Four Digits of SS# _____

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Return Registration Form and Payment to:

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Fax (334) 844-5715
www.engce.auburn.edu

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