



CAROLINA ASPHALT PAVEMENT ASSOCIATION

2014 PERPETUAL PAVEMENT DESIGN WORKSHOP

With today's transportation dollars being more precious than ever it is imperative for owners to make the right pavement choice. If you want to build the most efficient and effective pavements that will provide long term performance with predictable maintenance costs and minimal traffic impacts then you need to register for the **CAROLINA ASPHALT PAVEMENT ASSOCIATION 2014 PERPETUAL PAVEMENT DESIGN WORKSHOP**

The Perpetual Pavement Workshop will cover the fundamentals of flexible pavement mechanistic-empirical and perpetual pavement design. The course will emphasize materials and traffic characterization for these design approaches. Through hands-on activities and example design scenarios, participants will gain experience and knowledge in using the WESLEA, PerRoad and PerRoadXPress computer programs. It is strongly suggested that participants bring laptops to the course to fully participate in these activities. The programs will be made available for registered participants to download and install on laptops prior to the course.

The workshop will be hosted by the Carolina Asphalt Pavement Association (CAPA) and will be led by Dr. David Timm, PE of Auburn University. Dr. Timm holds the Brasfield & Gorrie chair of Civil Engineering at Auburn and is the co-developer of the WESLEA for Windows and PerRoad programs. He received his BS, MS and PhD degrees from the University of Minnesota and has been a professor at Auburn since 2001 where he works extensively with the National Center for Asphalt Technology Pavement Test Track. His research interests include mechanistic-based pavement design and accelerated full scale pavement testing. He is a registered professional engineer in Alabama.

RECOMMENDED ATTENDEES: Pavement type decision makers for government and municipal agencies, professional engineers interested in learning pavement design, pavement design engineers, construction engineers, materials engineers and fiscal managers of public funds are encouraged to attend.

THE WORKSHOP WILL PROVIDE TRAINING REGARDING THE FOLLOWING ITEMS:

- Perpetual Pavement Overview
- Fundamentals of M-E Design
- Pavement Mechanics
- Traffic Characterization
- Materials Characterization
- Fundamentals of Perpetual Pavement Design
- PerRoad Tutorial (with examples)
- PerRoadXPress Tutorial (with examples)
- Final Discussions and Wrap-Up

Attendees will receive 6 PDH's for Professional Engineers continuing education. The registration fee is \$150.00. Lunch is included.

The Workshop will be held on July 24, 2014, from 8:00 AM to 4:00 PM at Wake Commons at 411 Carya Dr, Raleigh, NC. Check-in begins at 7:30 AM.

If you have questions regarding the workshop please contact Jennifer Cook jcook@carolinaasphalt.org or Ellis Powell epowell@carolinaasphalt.org or call CAPA at 919-838-8004.