

Asphalt Roadmap: Ride Your Hot Mix Asphalt to Local Savings

SEMINAR DESCRIPTION:

The sessions planned in Hawaii are focused on getting high quality, high performance pavements at the right time, the right place and for the right price.

TOPICS:

1. *Pavement Mix Type Selection* - provides designers with methods for selecting the right HMA product for the right application. This section provides guidance for the type of mix for specific traffic, environment, pavement structure and economics.
2. *Understanding Superpave* - provides an understanding of what Superpave is (and isn't). The background of Superpave technology is presented along with a primer on volumetric control of mixes.
3. *Reclaimed Asphalt Pavement (RAP) in HMA* - fundamentals of using RAP in asphalt mixtures, including RAP evaluation, mix design, plant issues and construction. Focus is on practical application of RAP and the benefits of using the product.
4. *Understanding Variability in Pavement Construction* - many agencies are moving towards statistically-based specifications for acceptance of Hot Mix Asphalt materials. Field personnel do not need to be theoretically trained statisticians, but they do need to understand the basic statistical concepts and the effect that the statistical measures will have on the acceptance (and therefore pay) for the product that they produced. The objective of this section is to outline fundamental concepts of variability in an easily understood manner.
5. *Best Practice for Laydown and Compaction Operations* - getting the mix placed and compacted properly is the most important element to getting good pavement performance. This section covers the basics of proper laydown and compaction.
6. *Joint Construction* - The proper construction of longitudinal and transverse joints is critical to the long term performance of the pavement. Provides a fundamental understanding of proper joint construction.

TARGET AUDIENCE:

State, City, County and Consulting Engineers as well as contractor personnel wanting to get a better understanding of asphalt technology from both the engineering perspective and best practices for construction operations.

INSTRUCTOR:

Dale S. Decker, P.E. is an internationally recognized expert in the field of asphalt technology. He has worked over 30 years in various aspects of the asphalt industry. He spent 5 years working for Chevron Research and Technology, providing asphalt technology services to customers throughout the U.S. In the early 90's, he was involved with several projects in Hawaii. He also worked for seven years as the Vice President of Research and Technology for the National Asphalt Pavement Association. After two years with Oldcastle Materials, Mr. Decker started his consulting engineering firm, located in Bailey, Colorado. Dale is a registered Professional Engineer in Colorado, California, Maryland, and Virginia.

Registration Procedure

Please contact Gail Ikeda at 956-8367, 956-8851 (FAX) or gail@eng.hawaii.edu by **Tuesday, June 26, 2007**.

Cancellations

Please contact us if you must cancel your registration or if someone will be substituting for you.

Parking

Parking for the East West Center is \$4/day. If you would like to receive a parking pass, please contact us by June 26, 2007. Make checks payable to **Research Corporation of the University of Hawaii (RCUH)** and mail to:

Hawaii LTAP
University of Hawaii
Dept of Civil and Environmental Engineering
2540 Dole St, Holmes 383
Honolulu, HI 96822
Attn: Gail Ikeda

*Lunch will be provided courtesy of HAPI

Asphalt Roadmap: Ride Your Hot Mix Asphalt to Local Savings

July 10, 2007

East-West Center
Jefferson Hall, Pacific Room
1777 East-West Road
8:00 a.m. – 4:00 p.m.

Workshop sponsored by the
**Hawaii Asphalt Paving Industry
and
Hawaii Local Technical Assistance
Program**

in cooperation with the
*Hawaii State Department of Transportation
University of Hawaii's Department of Civil and Environmental
Engineering and the Federal Highway Administration*

Hawaii Local Technical Assistance Program

University of Hawaii at Manoa
Department of Civil and Environmental Engineering
2540 Dole Street, Holmes Hall #383
Honolulu, Hawaii 96822

