

# 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 808-956-8367, 808-956-8851 (FAX) or [gail@eng.hawaii.edu](mailto: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.

**\*Lunch will be provided courtesy of HAPI**

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**July 12, 2007**

Maui Beach Hotel  
Lanai Room  
170 Kaahumanu Ave.  
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**

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