

Perpetual Pavement Design Seminar

COURSE DESCRIPTION:

The PerRoad shortcourse is a hands-on training course for the design of perpetual, or long-life, asphalt pavements. The course features the design software, PerRoad 2.4, which was developed at the National Center for Asphalt Technology by the course presenter, Dr. Dave Timm. The course focuses on mechanistic-empirical pavement design concepts as applied to long-life pavement design. Participants are trained in using the software through numerous design examples ranging from low-volume roads to high-volume, heavy truck routes.

AUDIENCE:

The course is intended for people with some pavement engineering background. In the past, participants have included consultants, department of transportation engineers, state executives, academic professors and asphalt contractors.

COURSE MATERIALS AND PARTICIPANT REQUIREMENTS:

Since the course is hands-on, using the design software, participants should plan on bringing a laptop with the design software loaded. Please download PerRoad and an additional program, WESLEA for Windows (also used in the course), from the following links and have them ready to run on your computers:

<http://www.eng.auburn.edu/users/timmdav/PerRoad.msi>

<http://www.eng.auburn.edu/users/timmdav/WFW.msi>

INSTRUCTOR:

Dave Timm

Dave received his BCE, MS and PhD from the University of Minnesota. While there, he worked at the Minnesota Road Research Project and researched mechanistic-empirical design and thermal cracking of asphalt pavements. Dave joined Auburn University and the National Center for Asphalt Technology in 2001 and is currently working on the structural experiment at the NCAT Test Track, a full-scale mechanistic-empirical design study. Dave has developed numerous pavement-related computer programs, including WESLEA for Windows and PerRoad.

Registration Procedure

Please contact Gail Ikeda at 808-956-8367, 808-956-8851 (FAX) or gail@eng.hawaii.edu by **Friday, February 4, 2005.**

Lunch will be provided!

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 parking pass please contact us by Friday, February 4, 2005. Make checks payable to **Research Corporation of the University of Hawaii (RCUH)** and mail to:

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

Perpetual Pavement Design Seminar

February 18, 2005

East-West Center, Jefferson Hall
Asia Room
1777 East West Road

8:00 a.m. – 4:30 p.m.

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

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

Hawaii Local Technical Assistance Program

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