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Workshop sponsored by the:

***Hawai'i Asphalt Paving Industry
and the
Hawai'i Local Technical Assistance
Program***

*in cooperation with the
Hawai'i State Department of Transportation,
University of Hawai'i's Department of Civil &
Environmental Engineering
and the Federal Highway Administration*

Pavement Preservation: Applied Asset Management

East-West Center, Jefferson Hall,
Asia Room
1777 East West Road
Honolulu, Hawai'i

**September 16, 2008
8:30 a.m. – 3:00 p.m.**

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Registration Procedure

1. Please contact Gail Ikeda at 808-956-8367, 808-956-8851 (FAX) or giked@hawaii.edu by **Friday, September 12, 2008**.
2. Attendance is limited.
3. Registration is free.

Cancellations

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

Parking

East-West Center parking passes are available at \$4/day. Parking passes will be available for purchase at the registration table on the morning of the workshop.


Payment Method

Payment can be made at the workshop via Check – payable to the Research Corporation of the University of Hawaii (RCUH) or cash.

*Registration begins at 8:00 a.m.
Boxed lunch will be provided courtesy of
HAPI*



Hawai'i Local Technical Assistance Program
University of Hawai'i at Mānoa
Department of Civil & Environmental Engineering
2540 Dole Street, Holmes Hall #383
Honolulu, Hawai'i 96822



Course Description:

Now, it is becoming increasingly evident that deteriorating roads are creating higher operating and end-user costs. Today, the lack of adequate funding coupled with products and services related to the rising cost of oil has created a serious obstacle to the further development of our economy.

This course is intended to provide transportation officials and practitioners with a comprehensive understanding of Pavement Preservation. It identifies the efficiencies gained by developing and selecting pavement strategies that reduce long-term operating costs, improve safety, pavement condition and user satisfaction. The course will provide personnel with an understanding of pavement condition indices, terminology, and applied asset management principles appropriate for both network and project application.

Target Audience:

This course is suitable for the following groups:

- Policy level administrators and managers, planners, economists, and persons interested in focusing on highways or streets at the network level.
- Engineers, technicians, and specialists with a technical interest in learning details about suitable preservation techniques and their application at the project level

Course Content:

Preservation Nomenclature – Discussion of preservation and its components, what preservation means at the network level, investment and management benefits, reasons for undertaking preservation, differences between condition and performance, extended pavement life, distress indices, measures of pavement life, windows of opportunity, and cost effectiveness.

Distress Identification – Project level descriptions of pavement structural and functional problems that can affect asphalt and concrete highways. The material describes the problems, their causes, and the steps that would be needed to establish a state-of-the-practice Pavement Management System (PMS).

Distress Analysis – Ways to measure distress, an introduction to various indices, including Remaining Service Life (RSL), and their applicability in various pavement strategies.

Pavement Preservation Strategy – A strategic view of the highway system, proactive policies, how to implement a pavement preservation program, the long term perspective with its issues and barriers, and a general discussion of various treatment types.

Instructor:

Larry Galehouse, Director of the National Center for Pavement Preservation

The course was developed by Mr. Galehouse and Dr. Gilbert Baladi, Professor at Michigan State University. Mr. Galehouse is Chairman of the TRB Committee on Pavement Preservation (AHD18). He previously developed and managed a large state-wide Preventive Maintenance Program for a State Highway Agency.

