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.

Registration Procedure
1. Please contact Gail Ikeda at 808-956-8367, 808-956-8851 (FAX) or gikeda@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.
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:


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.