Green Roads For Hawaii

Ala Moana Hotel
Ilima Room
410 Atkinson Drive
Honolulu, Hawaii

August 3, 2010
8:30 a.m. – 4:30 p.m.

Registration Procedure
1. Please contact Gail Yamamoto at 808-956-8367, 808-956-8851 (FAX) or gikeda@hawaii.edu by Friday July 23, 2010.
2. Attendance is limited.
3. There is no cost for registration.

Cancellations
Please contact us if you must cancel your registration or if someone will be substituting for you. Frequent no shows will result in your receiving lower priority in future enrollments.

Parking
Parking in the Ala Moana Hotel parking structure is $2 (for 8 hours) with validation. Please make sure you receive your validation stamp upon registration.

Registration begins at 8:00 a.m.
Course Description:

“Sustainable pavements” concentrates on an operational understanding of sustainability and how that translates to hot mix asphalt pavement design, construction, maintenance and ownership. Focuses on specific sustainable best practices associated with management, design, construction and materials. An introduction to the Greenroads performance metric for measuring sustainability.

Course Outcomes:

Upon completion of this seminar, the attendee will be able to:

- Define sustainability in a meaningful way.
- List the major components of sustainability and describe how pavements can be designed, constructed and maintained to contribute to sustainability.
- Describe management/design contributions to pavement sustainability including long-life pavement, pavement management, low impact development solutions, life cycle assessment and quiet pavement.
- Describe construction contributions to pavement sustainability including quality and environmental management, fossil fuel use and emissions reduction.
- Describe materials contributions to pavement sustainability including recycling, reuse (full depth recycling included), local materials and energy consumption.
- Evaluate a paving project using the Greenroads performance metric.

Target Audience:

Road owners (e.g., City & County, State), design consultants, contractors, materials providers, testers and decision-makers

Speaker:

Steve Muench

Steve Muench is an Assistant Professor in the University of Washington’s Department of Civil and Environmental Engineering. Steve is the developer of the HAPI Asphalt Pavement Guide. He is a licensed professional engineer in Washington State and has a PhD from the University of Washington. Steve is a graduate of Kailua Elementary, Kailua Intermediate and Kalaheo High School (class of 1986). His parents still live in Kailua and he still calls Hawai’i "home".

Agenda:

8:00 a.m. Registration
8:30 a.m. The state of the planet today and how we can help
9:15 a.m. Break
9:15 a.m. Sustainability and its application to pavements
9:45 a.m. Break
10:00 a.m. Management and design
11:30 a.m. Lunch (provided courtesy of HAPI)
12:45 p.m. Construction and materials
2:15 p.m. Break
2:30 p.m. Measuring, managing & improving sustainability
4:00 p.m. Wrap-Up