Hawai'i Asphalt Sustainability Conference

East-West Center, Jefferson Hall,
Keoni Auditorium
1777 East West Road
Honolulu, Hawai'i

January 22, 2010
8:30 a.m. – 3:00 p.m.

Registration Procedure
1. Please contact Gail Yamamoto at 808-956-8367, 808-956-8851 (FAX) or gikeda@hawaii.edu by Monday, January 11, 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. Refunds for parking passes will be made if they are returned prior to the workshop date.

Parking
East-West Center (EWC) parking passes are available at $5/day. If you would like a parking pass please contact us by January 11, 2010. All vehicles (including government vehicles) are required to have an EWC parking pass in order to park in the EWC specified areas.

Payment for parking can be made via Check – payable to the Research Corporation of the University of Hawai‘i (RCUH), Purchase Order, Credit Card (Visa & MasterCard) or Purchasing Card. Please mail payments to:
Hawai‘i LTAP
University of Hawai‘i at Mānoa
Dept. of Civil & Environmental Engineering
2540 Dole Street, Holmes Hall 383
Honolulu, HI 96822

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

How Asphalt Fits with Sustainability – The fundamentals of what makes up an asphalt pavement, the technological advancements relative to today’s "New Asphalt", and how LEED credits can be obtained with asphalt pavements.

Porous Asphalt Pavements for Stormwater Management – Porous asphalt pavements comply with stormwater quality and cost. The pavement becomes part of the stormwater solution reducing peak and total volume of flow and pollution, and recharging groundwater.

Thin Lift Overlays for Pavement Preservation - A time-proven method of extending the life of pavement structures that are still in serviceable shape. These overlays are 1.5 inches or less in thickness, and are comprised of aggregate having a small nominal maximum aggregate size, generally 12.5 mm or less.

Warm Mix Asphalt – This may be the most quickly adopted new technology in the asphalt paving industry. Starting with its initial introduction to the US in 2004 it has rapidly been accepted by many contractors and agencies.

Course Outcomes:

- Understand the basic fundamentals of asphalt pavements, technological advancements, and obtaining LEED credits.
- Understanding the basic design principles and how to construct porous asphalt pavements and its applications.
- Pavement evaluation and project selection for thin lift overlays. Materials and Mix Design, Construction and Quality Control, and Performance.
- Understanding what is warm-mix asphalt, how is it produced, what research has shown, and how can you change specifications to allow it.

Target Audience:


Agenda:

8:00 a.m. – 8:30 a.m. Registration Desk Open
8:30 a.m. – 8:45 a.m. Welcoming remarks
8:45 a.m. – 10:15 a.m. How Asphalt Fits with Sustainability
10:15 a.m. – 10:30 a.m. Break
10:30 a.m. – 12:00 p.m. Porous Asphalt Pavements For Stormwater Management
12:00 p.m. – 1:00 p.m. Lunch (provided courtesy of HAPI)
1:00 p.m. – 2:00 p.m. Thin Lift Overlays for Pavement Preservation
2:00 p.m. – 2:15 p.m. Break
2:15 p.m. – 3:00 p.m. Warm Mix Asphalt
3:00 p.m. – 3:10 p.m. Q & A

Speakers:

Kent Hansen is a professional civil engineer (California) with over 20 years experience in the design, evaluation, testing and construction of asphalt pavements. He as conducted training and authored many technical publications on these issues during his 14 years as the Director of Engineering for the National Asphalt Pavement Association (NAPA). Before joining NAPA in 1995 he worked for companies involved in general civil engineering, geotechnical and materials engineering, the Strategic Highway Research Program (SHRP) and a construction company constructing asphalt-rubber pavements.

Most recently Kent has authored technical publications and conducted training on porous asphalt pavements for stormwater management and the use of reclaimed asphalt shingles in asphalt pavements. He is an active member of ASTM, the Transportation Research Board (TRB), and Association of Asphalt Pavement Technologists (AAPT) and sits on numerous National Cooperative Research Program (NCHRP) panels.

Michael Kvach, NAPA Vice President – Product Deployment

From 2000 to 2008, Kvach was the Executive Vice President of the Asphalt Paving Association of Iowa (APAI). In that role, he led the industry’s asphalt pavement marketing activities in the state, as well as being active in various national industry initiatives. Prior to joining APAI, Kvach was the National Sales Manager for the Hot Mix Asphalt Paver Group at Cedarapids Inc., a manufacturer of rock crushing, screening, asphalt plants and paving equipment, located in Cedar Rapids, Iowa. During his 12-year tenure at Cedarapids Inc., Kvach held responsibilities in various sales and marketing positions. From 2008 to 2009, Kvach was Vice President of Sales & Marketing for Peterson, an Astec Industries company based in Eugene, Oregon that manufactures heavy forestry and recycling equipment. Kvach’s primary role is to further strengthen the delivery and deployment of the asphalt industry’s marketing activities, working in close cooperation between NAPA, the State Asphalt Pavement Associations, and the Asphalt Institute.