Recycled Asphalt Pavement (RAP) for Hot Mix Asphalt Cost Savings and Sustainability

SEMINAR DESCRIPTION:
This workshop will provide an in-depth look at the History of Bituminous Mix Designs; from its infancy to modern-day use in SMA & SuperPave. It will provide you with information on how to increase and make better use of Recycled Asphalt Pavement in your pavement by use of proper Cold-planning Principles and new innovations. You will receive new ideas for planning the use of Hot Mix Asphalt as a sustainable source and product; and explain Energy Savings through the use of Warm Mix and “Green Asphalt”. Additionally, Construction Practices for producing what our ultimate customer, the taxpayer, really wants. Smooth Pavements will be discussed as well as Base Preparation / Stabilization; Paver Operations / Grade & Slope / Joint Construction.

AGENDA:
9:00 – 9:10  Introductions
9:10 – 10:30  History of Bituminous Mix Design & Asphalt Production Machinery up to current SMA & Superpave mixes
10:30 – 10:50  Break
10:50 – 11:50  Making Better Use of Recycle RAP Fractionating RAP Warm Mix / Green Asphalt Energy Savings
11:50 – 12:00  Q & A from Morning Session
12:00 – 1:00  Lunch
1:00 – 2:00  Mining for RAP – Cold Planing Principles & Innovations Crushing & Screening of RAP
2:00 – 2:20  Producing Sustainable Mixes
2:20 – 2:40  Break
3:45 – 4:00  Final Q & A

INSTRUCTORS:
Dr. Don Brock is the Chairman & CEO of ASTEC Industries, Inc. ASTEC was founded in 1972 in Chattanooga, Tennessee; and has grown into a family of 14 companies located throughout the United States (12), Canada (1) and South Africa (1). Dr. Brock has a B.S. from the University of Tennessee; and a M.S. & Ph.D. in Mechanical Engineering, from the Georgia Institute of Technology. Dr. Brock currently holds approximately 90 U.S. and foreign patents on construction machinery and drying equipment. ASTEC Industries is one of the major suppliers of HMA plants and related construction industry equipment.

Jeff Richmond is President of Roadtec, Inc., manufacturer of asphalt pavers, screeds, cold planers, and the Roadtec Shuttlebuggy material transfer vehicle. Do not miss this opportunity to hear from Jeff.
**Registration Procedure**
Please contact Gail Ikeda at 956-8367, 956-8851 (FAX) or gail@eng.hawaii.edu by **Monday, September 24, 2007**.

**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 a parking pass, please contact us by September 24, 2007. Make checks payable to **Research Corporation of the University of Hawaii (RCUH)** and mail to:

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

*Lunch will be provided courtesy of HAPI*

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**Recycled Asphalt Pavement for Hot Mix Asphalt cost savings and sustainability**

**October 2, 2007**

East-West Center  
Jefferson Hall, Keoni Auditorium  
1777 East-West Road  
9:00 a.m. – 4:00 p.m.

**Workshop sponsored by the**  
Hawaii Asphalt Paving Industry and  
Hawaii Local Technical Assistance Program  
in cooperation with the  
Hawaii State Department of Transportation  
University of Hawaii's Department of Civil and Environmental Engineering and the Federal Highway Administration

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**Hawaii Local Technical Assistance Program**  
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