

# ACHIEVING SMOOTH AND QUALITY ASPHALT PAVEMENTS

Workshop Sponsored by the  
Hawai'i Local Technical Assistance Program  
in cooperation with  
the Hawaii State Department of Transportation,  
University of Hawaii's Department of Civil Engineering,  
and Federal Highway Administration, and the  
Hawaii Asphalt Paving Industry (HAPI)

When: May 18, 19 & 20, 1999 (three separate one-day sessions)  
Where: May 18th @ Hawaii Department of Transportation's Oahu District Office, Conference Room, 727  
Kakoi Street  
May 19th @ East West Center, Jefferson Hall, Keoni Auditorium  
May 20th @ Hawaii Naniloa Hotel, Sandalwood II Room 93 Banyan Drive, Hilo, Hawaii  
Time: 8:00 AM - 4:00 PM  
Cost: FREE!!  
Instructors: Joe Massucco, FHWA's Western Resource Center, Pavement and Materials Engineer  
Jeff Richmond, RoadTec (paver manufacturer from Tennessee)  
Garret Okada, HDOT- Highways Division  
William Paik, Hawaiian Bitumuls & Paving Company (representing HAPI)  
Contact: Juli Kobayashi at 956-9006, FAX 956-8851 or e-mail juli@eng.hawaii.edu  
Deadline to register is Tuesday, May 11, 1999

## DESCRIPTION

The purpose of this one day workshop is to discuss the critical factors on how to achieve smooth and quality asphalt pavements. It is also the intent to inform Hawaii Department of Transportation (HDOT) Division of Highways engineers, inspectors, and its asphalt contractors the State's quality initiative toward smoother pavements and the ride results currently being achieved. The experienced and knowledgeable speakers on asphalt pavement construction include:

- Joe Massucco, FHWA's Western Resource Center, Pavement and Materials Engineer
- Jeff Richmond, RoadTec (paver manufacturer from Tennessee)
- Garret Okada, HDOT- Highways Division
- William Paik, Hawaiian Bitumuls & Paving Company (representing HAPI)

This workshop will cover design and construction factors on achieving smooth asphalt pavements (hot plant operations, segregation, milling, design of pavement structure, paving operations, grade control, specifications), current pavement ride quality (measured by a profilograph) being achieved on asphalt projects constructed in Oahu, local contractor's comments on asphalt pavement design and specifications, HDOT's new "pilot" incentive/disincentive pavement smoothness specifications, what other DOT's and contractors are doing to increase ride quality, the latest in paver technology, ride measurement devices/methods/correlation, and a video prepared by Arizona DOT and FHWA entitled, "Smoother Pavement Highways Fit for a King".

Material presented at the workshop will be similar to the seminar presented on November 9 & 10, 1998. However, updated information will be given on revised specifications and construction methods for "smoothness" projects constructed in Hawaii since the 1998 seminar.

## **TARGET AUDIENCE**

This course is primarily targeted to HDOT Division of Highways construction engineers, design engineers, inspectors, and technicians and its asphalt paving contractors. Other government agencies, consultants, contractors, and design engineers will also benefit from the information that will be offered and are encouraged to attend.

### **Note**

Due to space limitations at the Oahu District Office Conference Room, the attendance at the May 18th seminar is restricted to HDOT Division of Highways, Kauai County, Maui County and asphalt contractor attendees.