

Erosion & Sediment Control for Highways

DESCRIPTION:

Two courses on Erosion and Sediment Control for Highways are being offered on August 23 and 24. The August 23 course will be geared towards Construction personnel while the August 24 course is intended for Design personnel. These one-day courses will provide participants with a thorough understanding of the principles of erosion and sediment control and how they uniquely apply to highway projects. The regulatory environment will also be discussed. The emphasis of both courses is selecting and designing BMPs and developing and implementing effective erosion control plans.

TOPICS:

Erosion & Sediment Control Process
Regulatory Environment
Overview and Development of Erosion Control Plans
Stabilization Methods
Structural Erosion Control Measures
Design Issues
Inspection and Monitoring Requirements

LEARNING OBJECTIVES:

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

- Understand the erosion and sediment control process and the factors influencing erosion and sedimentation
- Comprehend the regulatory issues directly related to erosion control for highways
- Follow the basic procedures for developing erosion control plans
- Describe the stabilization methods used in highway applications
- Describe the structural erosion control measures
- Perform basic design calculations for erosion control measures
- Understand inspection and monitoring requirements

INSTRUCTOR:

Brian C. Roberts, P.E., Director of the Water Resources Learning Center, will present these workshops. Mr. Roberts has held several significant water resources positions throughout the years including President of Water Resource Consultants, Hydraulics Engineer for FHWA, and Project Manager for Fairfax County Stormwater Management, and Executive Director of National Corrugated Steel Pipe Association. He is the author of FHWA's manual on erosion and sediment control and presented workshops on this topic. He has taught courses for the Federal Highway Administration, American Society of Civil Engineers, International Erosion Control Association, Soil Conservation Service, more than 35 State Departments of Transportation and nearly every State in the US and Canadian Provinces. He has a BS and MS in Civil Engineering (Water Resources).

Registration Procedure

- 1) Please contact Holly Suyama at 956-8719, 956-8851 (FAX) or suyama@eng.hawaii.edu by **Wednesday, August 18, 2004**
- 2) Attendance is limited, and preference is given to local government employees.

Cancellations

Please contact us if you must cancel your registration or if someone will be substituting for you.

Parking

Parking for Aloha Stadium is **free**. Please enter at the Salt Lake Main Gate.

Erosion & Sediment Control for Highways

August 23, 2004
(Construction Personnel)
August 24, 2004
(Design Personnel)

Aloha Stadium - Hospitality Room
(Entrance located to the right of the
Box Office)
8:00 a.m. – 4:30 p.m.

Workshop sponsored by the
**Hawaii State Department of
Transportation**

in cooperation with the
Hawaii Local Technical Assistance Program
*University of Hawaii's Department of Civil &
Environmental Engineering*
and the Federal Highway Administration

Hawaii Local Technical Assistance Program

University of Hawaii at Manoa
Department of Civil & Environmental Engineering
2540 Dole Street, Holmes Hall #383
Honolulu, Hawaii 96822

