

Application of the FHWA Traffic Monitoring Guide

DESCRIPTION:

This course covers the application of procedures used as published in the FHWA's Traffic Monitoring Guide (TMG) and other recent developments in traffic monitoring, including:

- An overview of the application of the TMG procedures to develop data and information needed to support State and National programs including the Highway Performance Monitoring System (HPMS), pavement management, safety management, congestion management, and environmental management.
- Discussion with attendees on specific issues that impact the application of the TMG procedure in traffic counting, vehicle weighing, etc.
- Discussion of automated procedures for data collection and analysis and presentation of examples.
- Discussion of the AASHTO guidelines for traffic monitoring and the coordination of data collection to other Federal and national programs.
- Discussion of Traffic Monitoring System required in Intermodal Surface Transportation Efficiency Act (ISTEA).

OBJECTIVES:

Upon completion of the course, participants will be able to:

- Describe the purpose and appropriate use of the TMG procedures.
- Use the procedures for obtaining data for Federal and State programs.
- Apply the data obtained to answer specific questions on Federal and State issues regarding traffic monitoring.

WHO SHOULD ATTEND:

The course will be of most benefit to FHWA field office planners, and State transportation or planning personnel responsible for or interested in traffic counting, vehicle classification, or truck weight data programs.

INSTRUCTORS:

Jeff Patten has over 8 years of working experience with traffic monitoring program both at the National and State level. Currently, he is a Transportation Specialist for the Traffic Monitoring Group in the Office of Highway Policy Information for Federal Highway Administration. He is responsible for providing technical assistance for using the Traffic Monitoring Guide, coordinator and instructor of the NHI Traffic Monitoring Guide course, and the administration of the volume and classification count programs. Prior to joining FHWA, Mr. Patten managed the North Dakota Department of Transportation's Traffic Monitoring Program, and designed and implemented new software used to analysis, process, and report traffic data. Also, he has worked in varying engineering and planning positions for the NDDOT.

David Jones has over 10 years of experience with Weigh-in-Motion (WIM) systems and WIM data management starting with the FHWA's Demonstration Project 76 on WIM technology. He administered the U.S. Truck Weight Study Program since 1995.

Frederick P. Orloski is a Transportation Specialist in the FHWA Office of Highway Policy Information in Washington D.C. He is responsible for providing assistance in HPMS data processes and quality reviews, HPMS field review guidelines, FHWA Division Office quality review efforts, and traffic monitoring requirements for HPMS. Fred was in the Michigan Division for the past two years and prior to that in the FHWA Region One Regional Office assisting States in developing and analyzing travel monitoring programs. His career of 30 years with FHWA has provided assignments in research, technology transfer, planning, safety, data collection, and traffic monitoring. He is a member of the TRB committee on Highway Traffic Monitoring and ASCE. Fred has a Masters Degree in transportation planning from the University of Massachusetts and is a registered professional engineer in Minnesota.

Registration Procedure

- 1) Please contact Holly Suyama at 956-8719, 956-8851 (FAX) or suyama@eng.hawaii.edu by **Friday, July 9, 2004**
- 2) Attendance is limited to 30 participants, and preference is given to local government employees.
- 3) Private company participation is on a space available basis at a fee of \$350. We will contact you indicating whether a seat has been reserved for you by July 12, 2004.

Cancellations

Please contact us if you must cancel your registration or if someone will be substituting for you. Refunds will be made if notice of cancellations is received at least 5 workdays prior to the workshop date.

Parking

Parking for the East West Center is \$4/day. If you would like to receive a parking pass, please contact us by July 9, 2004. 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: Holly Suyama

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July 21 - 22, 2004

University of Hawaii
East West Center
Jefferson Hall
Asia Room
8:00 a.m. – 4:30 p.m.

Workshop sponsored by the
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*Hawaii Local Technical Assistance Program
University of Hawaii's Department of Civil &
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Hawaii Local Technical Assistance Program

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