

What is ITS...

And is it Contagious?

DESCRIPTION:

No, Intelligent Transportation Systems (ITS) are not a disease although some transportation professionals have had difficulty learning to live with them. Rather, they are a collection of technologies that represent an evolution on how our transportation networks are managed and maintained. In fact, some technologies currently classified as ITS have their origins in the early part of the last century.

Traditionally, transportation professionals have used static devices to help improve highway safety as well as management and operations (M&O). Because of technological and communication advances, transportation professionals now have many more tools to apply to transportation challenges. These technology-based tools, collectively known as ITS, come with sometimes unique maintenance considerations and often underutilized procurement techniques.

The course starts with an overview of ITS technologies and the benefits they offer the motoring public. Particular emphasis is placed on which of these ITS tools may be applicable to your local region. We then discuss the maintenance considerations for these systems, specifically how they will impact your operations personnel and budget. Finally, we conclude with a brief introduction to the different procurement techniques available and which ones are most applicable to specific ITS applications.

OUTCOMES:

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

- List typical ITS applications
- Identify which applications are applicable to their region
- Discuss system considerations for ITS applications
- Describe how ITS procurement may be different from traditional transportation and infrastructure procurement

TARGET AUDIENCE:

Federal, State, and local transportation, traffic engineers, maintenance and operations personnel, and procurement professionals who are currently or may be involved ITS systems in rural areas.

INSTRUCTOR:

Keith A. Trimels is a registered Professional Engineer in AZ, CA, ID, and WY. With 20 years of experience in the transportation industry, he has designed, built, and maintained roads throughout the western U.S. His experience ranges from materials testing to multi-million dollar project management and business development.

Mr. Trimels has worked in both the private and public sectors, and most recently was a nationally recognized safety and Intelligent Transportation System (ITS) engineer with the Federal Highway Administration (FHWA) before serving as the Western Regional Manager for a national ITS consultant. He is currently a Principal with IDT Group where he incorporates his broad experience into technical, leadership, and organizational training for transportation organizations and others.

Registration Procedure

Please contact Jodie Yanagihara at 961-8324 or jyanagihara@co.hawaii.hi.us by **Monday, June 18, 2007**.

Cancellations

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

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June 22, 2007

University of Hawaii at Hilo
Ho'oulu Terrace
UCB Room 127

8:30 a.m. – 12:00 p.m.

Workshop sponsored by the

**County of Hawaii
and
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*Hawaii State Department of Transportation
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Hawaii Local Technical Assistance Program

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