

# CONTEXT SENSITIVE SOLUTIONS

## PURPOSE AND BACKGROUND:

This seminar provides an overview of Context Sensitive Solutions — what CSS is, how highway and other transportation projects can benefit from it, and how to implement the CSS approach on your projects.

The terms CSS and Context Sensitive Design (CSD) refer to one of the more significant movements in the transportation industry in the past 20 years. They stem from a focus on concerns about environmental and other effects of public works projects. CSS is an approach wherein potential solutions to transportation problems may include not only traditional design components, but also operational changes and policy decisions. The CSS approach may represent a significant change in how highway projects are completed. With CSD and CSS, project staff are charged with equally addressing traditional objectives, such as safety and mobility, with other valued objectives, such as preservation of scenic, aesthetic, environmental, and historic resources and other community values.

This seminar presents the background on CSS and CSD, and lessons learned by agencies involved with CSS over the past 10 years. CH2M HILL's instructors discuss the tools, techniques, and project development processes that have proven effective. They discuss the practical "lessons learned" from working directly with agencies such as FHWA, EPA, and many state DOTs. Included are concepts involving Flexibility in Highway Design, per FHWA's landmark document and in AASHTO's companion "bridging document." The seminar covers insights gained from NCHRP Project 25-22, Technologies to Improve Consideration of Environmental Concerns in Transportation Decisions. The 2-day course is based on the framework presented in NCHRP Report 480, A Guide to Best Practices for Achieving Context Sensitive Solutions, available from TRB.

Also included are the results of efforts by the five state DOTs that served as pilot states in FHWA's CSD program.

## WHO SHOULD ATTEND:

Experienced project development technical staff, transportation project managers, and program managers involved with planning, preliminary design, environmental studies, and public involvement on highway projects.

## INSTRUCTORS:

**Timothy Neuman, P.E.**, is the Chief Highway Engineer at CH2M HILL. He is a nationally recognized expert in traffic operations and safety related to geometric highway design. His 27 years of experience include major projects for over 20 state DOTs. Tim has performed research for the FHWA and for AASHTO through the National Cooperative Highway Research Program on various aspects of geometric design.

**James Bednar** has more than 25 years of transportation project planning, environmental, engineering, and management experience. As the Director of Integrated Transportation Planning at CH2M HILL, he has firmwide technology responsibility for planning, environmental, public involvement, CSS, decision solutions, and related activities.

**Timothy Bevan, P.E.**, a Senior Project Manager at CH2M HILL, has more than 25 years of experience with planning and design of highway and transit projects. He currently leads CH2M HILL's Center of Excellence for Context Sensitive Solutions. His approach encourages public involvement and consensus-building in developing multimodal transportation solutions that meet community needs.

**Marcy Schwartz** is the Director of Technology in CH2M HILL's Transportation Business Group. She has 27 years of experience in environmental planning and public involvement, specializing in the design of decision processes for complex, controversial transportation projects to facilitate project approval.

### Registration Procedure

- 1) Please contact Gail Ikeda at 956-8367, 956-8851 (FAX) or [gail@eng.hawaii.edu](mailto:gail@eng.hawaii.edu) by **Friday, October 21, 2005**
- 2) Attendance is limited to 35 participants, 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 is available at the Japanese Cultural Center of Hawaii for \$3 per entry. Please remember to have your parking ticket validated at the workshop.

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**November 8-9, 2005**

Japanese Cultural Center,  
Manoa Grand Ballroom  
2454 S. Beretania St.  
8:00 a.m. – 4:30 p.m.

Workshop sponsored by the  
**Hawaii Local Technical Assistance  
Program**

in cooperation with the  
*Hawaii State Department of Transportation  
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Engineering  
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### Hawaii Local Technical Assistance Program

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