ENGINEERING EDUCATION & TRAINING

www.eet-california.com info@eet-california.com (916) 822 - 8423

Two-Day Bridge Design Workshop

(LRFD 2012-6th Edition, CA 2014-Amendment, SDC 1.7-2013)

Superstructure Design
- CIP Box Girder
- Precast Girder

Substructure Analysis & Design
- Bent Cap & Column

Abutment Design

Foundation Design
- Shallow Foundations
- Deep Foundations (Piles/Shafts)

Seismic Design
- Analysis, Design, Detailing

November 14 & 15, 2014

Sacramento, CA

Early Bird Special: $695

After October15th: $895

Contact us for Group Discount

Phone: 916-220-8423

email: info@eet-California.com

Who Should Attend?
- Bridge project Managers
- Bridge Project Engineers
- Bridge Designers
- Anyone involved in bridge design using AASHTO-LRFD

Instructors:
- Mark Mahan, P.E., Ph.D.
- Toorak Zokaie, P.E., Ph.D.
- Anoosh Shams, P.E., Ph.D.
- Amir Malek, P.E., Ph.D.
- Ahmed Ibrahim, S.E., Ph.D., P.M.P

DESIGN SPECIFICATIONS

- ✓ Based on Latest Applicable Codes:
- ✓ 2012 AASHTO-LRFD
- ✓ 2014 California Amendments
- ✓ 2013 Caltrans SDC 1.7

Receive 14 PDH Hours

Receive Free Analysis Software

AASHTO THE VOICE OF TRANSPORTATION

Workshop Schedule

Date	Topic
Day 1	Opening Remarks
	Loads and Load Combinations
	Analysis - Super & Sub
	Superstructure Design
	Cap and Column Design
Day 2	Seismic Analysis and Design
	Abutment Analysis & design
	Shallow and Deep Foundations
	Advanced Topics (SSI)
	Q&A

About the Instructors: All instructors have been actively involved in teaching bridge design short courses

Dr. Mark Mahan, Ph.D., P.E. is the chief of "Seismic Design Criteria" branch of Caltrans. He has various publications including the latest which won the ASCE Norman Award in 2012.

Dr. Toorak Zokaie, Ph.D., P.E. has close to 30 years experience in bridge engineering. His work has resulted in provisions of AASHTO-LRFD Specifications.

Dr. Anoosh Shamsabadi, P.E., has more than 27 years of professional and teaching experience in geotechnical earthquake engineering snd bridge engineering. He is also the author of the current Caltrans Trenching and Shoring Manual.

Dr. Amir Malek, P.E., Ph.D. has more than 25 years experience in design of bridges and buildings, and other structures. He has also published and presented several technical papers and has been the co-author of two books and has contributed to "*Bridge Engineering Handbook* (2013)".

Dr. Ahmed Ibrahim, S.E., Ph.D., is a graduate of The University of British Columbia, with specialty in the seismic analysis and design of structures. He has more than 24 years of experience in design, construction, research and teaching in structural/bridge engineering. He has authored books, book chapters and several technical articles in leading publications