



**ASCE METROPOLITAN LOS ANGELES BRANCH
GEO-INSTITUTE and SEI PROUDLY PRESENT:**

**DESIGN AND CONSTRUCTION
OF STEEL SHEET PILING
STRUCTURES SEMINAR**

Richard Hartman, Ph.D., P.E.
Hartman Engineering



The Design and Construction of Steel Sheet Piling Structures Seminar is a one day class covering topics ranging from design concepts, to practical field problems, through recent product advancements in the design and manufacturing of steel sheet piling.

The seminar will be presented by Richard Hartman, Ph.D., P.E., a leading international expert in the design and construction of steel sheet pile structures. Dr. Hartman is licensed as a professional engineer in 38 states and has over 40 years of experience in the subject. For the past 15 years he has been involved in the research and design of new sheet pile sections and, based on that research, holds four patents for sheet piling sections.

Seminar Content

- Design parameters, layout, and construction considerations for cellular cofferdams
- Design and construction considerations for bulkheads, open cell designs and combination walls
- Design and construction considerations for cofferdams and trenches.
- Properties of steel sheet piling, changes in steel pile manufacturing, concerns regarding performance, transverse loads, stresses in sheet piling, and redesign of sheet piling sections
- Review of instability of the soil/rock in the bottom of an excavation for steel sheet piling structures
- Questions, answers and conclusions

Date: **July 13, 2011**

Time: 8:00 a.m. to 5:00 p.m.

Place: **CALTRANS**
District 7 –Training Room #01.037
100 S. Main Street
Los Angeles, CA 90012
Tel: 562-449-7990

Contact: Richard Morales **678.714.6730 x103**
Email: RMorales@LBFosterCo.com

Includes: Course Reference Materials, Certificate for 7 Professional Development Hours (Seminar is IACET certified for 0.7 Continuing Education Units), Lunch and Two Breaks

Cost: \$200 before July 1, 2011
\$300 after July 1, 2011
\$ 50 for Student Members

RSVP: July 1, 2011 Early Bird Registration
July 8, 2011 Final Deadline to Receive Checks

Format: One Day Seminar, Business Casual Attire

Mail Checks to : **ASCE MLAB** c/o Richard Morales
130 Satellite Blvd., N.E., Suite A
Suwanee, GA 30024