

SEAOI WORKSHOP: BASICS OF BRIDGE DESIGN

The Structural Engineering Association of Illinois (SEAOI) in cooperation with the Arab American Association of Engineers and Architects (AAAEA) will host a half-day workshop on the Basics of Bridge Design. **Ahmad Hammad**, PhD, PE, SE, supervising structural engineer with Parsons Brinckerhoff in Chicago, will be the lecturer. The workshop emphasis will be on the Structural Engineer Exam Part I as it relates to bridge design using AASHTO Standard Specification for Highway Bridges, 17th Edition 2002.

The following topics will be covered:

- Loads: dead load, live load, traffic lanes, highway loads, impact, longitudinal, application of live load, load combinations, etc.
- Design and Details of Bridge Structures: reinforced concrete, prestressed concrete, and structural steel.

Also presented will be worked-out design examples that illustrate the AASHTO analysis and design provisions.

Please bring a copy of AASHTO 17th Edition to the workshop, if available.

This workshop will provide 4.0 hours of continuing education units. The details for the workshop are as follows:

Date: Wednesday, October 4, 2006

Place: Chicago, Illinois

Time: 8:00 a.m. to 12:00 noon

Cost: \$150 for SEAOI / [AAAEA](#) members; \$200 for non-members

Reservations are required and may be made by calling Donna Childs at the **SEAOI** office at (312) 649-4600 by 5:00 p.m. on September 27, 2006.