

# SELECTING STRUCTURAL STEEL SYSTEMS

**M**ORE AND MORE, OWNERS AND CONTRACTORS are favoring fast-track construction. As a result, the pressure to use tried-and-true methods overwhelms the benefits of adopting new and innovative ideas. AISC's 1996 Steel Seminar Series, which begins this June, is designed to present some of these new ideas and to increase designer's familiarity and comfort level with innovative steel designs that can reduce costs and speed construction.

The four-part lecture includes:

- **Wind & Seismic Loads for Buildings:** Changing codes for wind and seismic design need not complicate the design of structural steel frames. This lecture focuses on simplifying the determination of seismic and wind loads in accordance with NEHRP '94 Recommendations and ASCE Standard 7-95.
- **Choosing Steel Framing Systems:** Because of its versatility, structural steel provides a wide array of framing options. This lecture will focus on innovative designs for structural utility and low-cost constructability. It will include braced, unbraced, seismic and special systems.
- **Criteria for Connection Selection:** A wide variety of factors can influence the cost and constructability of connections. This lecture will discuss many of these issues and offer guidelines for a wide variety of connection types, as well as design/detailing criteria and shop/field criteria.
- **Communicating Connection Information:** A good flow of information is critical to a project's success. This lecture discusses different processes for communicating information

on drawings & specs, standard connections, connection loads, and incomplete/changed information.

The seminar will provide a thorough review of several time-tested framing and connection systems and provide insights into the benefits of each. The seminar costs \$120 (\$90 for AISC members; \$40 for students) and has a value of 5.0 Professional Development Hours (PDH) or 0.5 CEUs.

Chicago . . . . . Nov. 20  
Milwaukee . . . . . Nov. 21

### Southwest

New Orleans . . . . . June 11  
Albuquerque . . . . . June 13  
Kansas City . . . . . July 16  
Dallas . . . . . Sept. 10  
Houston . . . . . Sept. 12  
Denver . . . . . Jan. 16,  
1997

### Northeast

Hartford . . . . . July 23  
Boston . . . . . July 24  
Portland, ME . . . . . July 25  
Rochester . . . . . Aug. 7  
Albany . . . . . Aug. 8  
New York City . . . . . Nov. 13  
Edison . . . . . Nov. 14

For more information, contact: AISC Seminars, One East Wacker Dr., Suite 3100, Chicago, IL 60601-2001 or phone 312/670-5422 (fax: 312/670-5403).

### Middle Atlantic

D.C./Baltimore . . . . . Aug. 13  
Philadelphia . . . . . Aug. 14  
Pittsburgh . . . . . Oct. 16  
Charleston, WV . . . . . Oct. 17  
Cleveland . . . . . Oct. 29  
Columbus . . . . . Oct. 30  
Cincinnati . . . . . Oct. 31

### West

San Diego . . . . . July 9  
Orange County . . . . . July 10  
Los Angeles . . . . . July 11  
Portland, OR . . . . . Sept. 30  
Seattle . . . . . Oct. 1  
Phoenix . . . . . Oct. 22  
Salt Lake City . . . . . Oct. 23  
Boise . . . . . Oct. 24  
Sacramento . . . . . Dec. 11  
San Francisco . . . . . Dec. 12

### South

Raleigh . . . . . June 25  
Norfolk . . . . . June 26  
Richmond . . . . . June 27  
Charlotte . . . . . July 30  
Greenville . . . . . July 31  
Atlanta . . . . . Sept. 4  
Memphis . . . . . Sept. 24  
Nashville . . . . . Sept. 25  
Birmingham . . . . . Sept. 26  
Miami . . . . . Dec. 4  
Orlando . . . . . Dec. 5

### Midwest

St. Louis . . . . . June 18  
Minneapolis . . . . . June 20  
Omaha . . . . . July 18  
Detroit . . . . . Aug. 20  
Indianapolis . . . . . Aug. 22

## NATIONAL STEEL BRIDGE SYMPOSIUM

Bridge designers and fabricators are scheduled to meet in Chicago on October 15-17 for the National Steel Bridge Symposium. The program includes conference plus pre- and post-conference workshops. On Oct. 15, the workshop is expected to cover Steel Design Using LRFD. Two workshops are scheduled for October 17, the first on Seismic Design and the Construction of Steel Bridges, and the second on Economical and Functional Steel Details. Conference sessions are expected to cover a wide variety of subjects, from cable-stayed bridges to deck replacement and from weathering steel applications to high-performance steel. Other sessions will focus on interesting bridge case studies.

For more information, please call 312/670-2400.