

"our Civil Engineering Chair [would like to] request 32 complimentary copies of your Winter 2007 magazine . . . There are many articles and information in this magazine that would be particularly relevant for his structures and concrete course students this semester."

University of Portland, Oregon

"I thought the inaugural issue of ASPIRETM was outstanding! Good job . . . !"

Chuck Prussack PE, Vice-President and General Manager, Central Pre-Mix Prestress Co., Spokane, Wash.

"It is clear that a tremendous effort went into the magazine. It is very tastefully produced."

> Dr. Maher Tadros, University of Nebraska, Omaha, Neb.

"I just finished reading the first edition of ASPIRE. [Your team has] put together a wonderful magazine. With the articles all centered [on] the concrete bridge world, it was impossible to put down the magazine until I had gone all the way through it. I can't say this about any other publication I receive. You have a real winner here. I noticed at least a couple of articles involving Wisconsin bridges. Thanks for including them. Overall, the articles covering design, construction and the AASHTO Spec. made for a well rounded presentation. Great work. I look forward to the next issue in a few months."

Finn Hubbard, Wisconsin DOT, Madison, Wisc.

"I just received and thumbed thru the first edition of ASPIRE—well done! Good articles, photos [and] content overall."

> Ian M. Friedland, Federal Highway Administration, McLean, Va.

"We learned from a civil engineer about your exciting new magazine. I did submit a request for subscription . . . Thanks."

> American Society of Civil Engineers, Reston, Va.

"Congratulations on a great first issue of ASPIRE. It just landed on my desk."

> Kimberly Kayler, Constructive Communication, Inc., Dublin, Ohio

"I appreciated the great story on the Hays Kansas bridge. I learned of your website from KSDOT engineers last week and they had seen the story. I am the project manager for King Construction Company and was involved in both the removal of the damaged section and the repair of the structure. I really liked your article and it gave a very good overview of the situation. Thank you again."

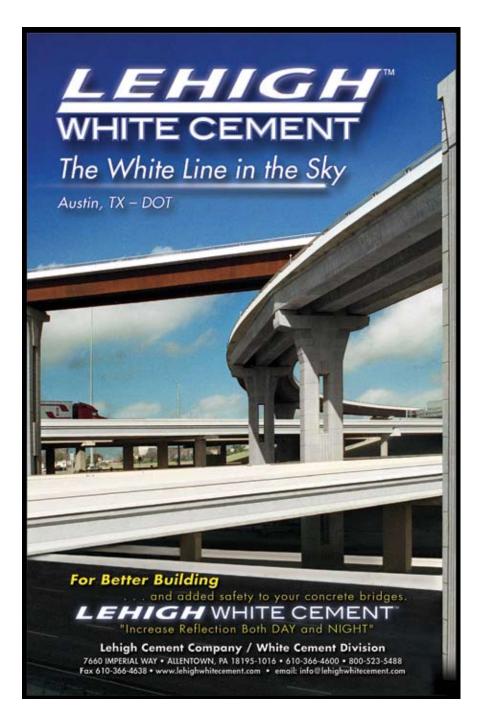
Brice Goebel, Hesston, Kan.

"I enjoyed your inaugural issue of ASPIRE magazine. Last year I showed some of my students the damage to the Hall Street Bridge. Now I would like to show them the photos of the repair."

Donald A. Andersen, Civil Engineering Dept., North Dakota State University, Fargo, N. Dak.

"The new ASPIRE magazine is a great job and a welcome addition . . . Many thanks.'

Carl S. Buchman, Rochester, N.Y.



BUY BOTH AND SA



Bridge Design Manual

This comprehensive, 1,600-page design manual contained in two loose-leaf binders provides everything you need for the design, fabrication, and construction of bridges using precast, and precast, prestressed concrete products and

Created by more than 30 expert authors, the two-volume, 16-chapter manual from PCI covers both preliminary and

final design information, including:

- The advantages, durability, speed, and high performance of precast and prestressed concrete bridges
- Design theory, material properties, fabrication, and construction details
- Cost-efficient techniques used by experienced designers
- Complete design examples, including solutions using both the AASHTO Standard Specifications and the LRFD Specifications
- Continuity considerations, seismic requirements and spliced-beam innovations

Additional chapters cover aesthetics, bearings, curved and skewed bridges, seismic design, railroad bridges, load rating procedures, deck panels, and other bridge products. Periodic updates, revisions, and additions will be available.

Bridge Design Manual (PCI MNL-133-97) is available for \$490, with a 50 percent discount for PCI members.



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Damage or defects can occur during early stages in the plant, in transit or during erection of a beam, deck panels, or similar precast products. This manual was developed for the purpose of promoting a greater degree of uniformity among owners, engineers, and industry, with respect to the evaluation and repair procedures for precast, prestressed bridge-related concrete products.

Manual for the Evaluation and Repair of Precast, Prestressed Concrete Bridge Products (PCI MNL-137-06) (8½ x 11, softcover, 76pp) is available for \$50, with a 50 percent discount for PCI members.

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Portland Cement Association

Seminar on LRFD Design

FHWA's deadline for the full implementation of LRFD is fast approaching. To help bridge engineers satisfy the FHWA requirement, PCA will conduct a one-day seminar on the design of concrete bridges by the AASHTO LRFD Bridge Design Specifications. The seminar will take place on Friday, May 25, 2007, at PCA's office in Skokie, Ill. Seminar attendees will be awarded 6.5 CEUs and will receive two PCA publications on LRFD design.

The seminar will cover the latest revisions to the AASHTO LRFD Bridge Design Specifications. Emphasis will be placed on the unified method of design for reinforced and prestressed concrete, shear design utilizing modified compression field theory and strut-and-tie modeling. Design examples for deck design; pier cap design; and precast, prestressed concrete girder design highlighting the key steps in LRFD will also be presented.

Registration Questions?

Contact: Caron Johnsen ● (847) 972-9058 • cjohnsen@cement.org

To download the registration form, visit www.cement.org/bridges.

