

CONTRIBUTING AUTHORS



M. Myint Lwin is Director of the FHWA Office of Bridge Technology in Washington, D.C. He is responsible for the National Highway Bridge Program direction, policy, and guidance, including bridge technology development, deployment and education, and the National Bridge Inventory and Inspection Standards.



Dr. Dennis R. Mertz is Professor of Civil Engineering at the University of Delaware. Formerly with Modjeski and Masters, Inc. when the *LRFD Specifications* were first written, he has continued to be actively involved in its development.



Frederick Gottemoeller is an engineer and architect, who specializes in the aesthetic aspects of bridges and highways. He is the author of *Bridgescape*, a reference book on aesthetics and was Deputy Administrator of the Maryland State Highway Administration.

MANAGING TECHNICAL EDITOR



Photo: Ted Lacey Photography

Dr. Henry G. Russell is an engineering consultant, who has been involved with the applications of concrete in bridges for over 35 years and has published many papers on the applications of high performance concrete.

CONCRETE CALENDAR 2007

For links to websites, email addresses, and telephone numbers for these events, go to www.aspirebridge.org.

March 25-28

PORTS 2007
La Costa Resort, San Diego, Calif.

March 29-31

Pile Driving Contractors Association Conference
Opryland Hotel, Nashville, Tenn.

March 30-April 2

PCI Annual Committee Days
Includes meeting of AASHTO Technical Committee on Concrete Design (T-10)
Fairmont Hotel, Chicago, Ill.

April 16-17

ASBI Grouting Certification Training
University of Texas at Austin, JJ Pickle Research Center, Austin, Texas

May 1

PCI Bridge Design Awards Entries due

May 6-8

PTI Annual Conference
Radisson Hotel Downtown, Miami, Fla.

May 7-11 Level I / Level II / Level III

PCI Quality Control & Assurance Personnel Training & Certification Schools
Embassy Suites, Nashville, Tenn.

May 14-15

ASBI Seminar on "Design & Construction of Segmental Concrete Bridges"
Seattle, Wash.

May 22-24

NRMCA Concrete Technology Forum—Focus on High Performance Concrete
Fairmont Hotel, Dallas, Texas

June 4-6

International Bridge Conference (IBC) & Exhibition
Includes ASBI Seminar on "Construction Practices for Segmental Concrete Bridges"
Hilton Pittsburgh, Pittsburgh, Penn.

July 8-12

AASHTO Subcommittee on Bridges and Structures Meeting
Also ASBI Executive Committee Meeting, July 8; ASBI Board of Directors Meeting, July 8; ASBI-AASHTO 19th Annual Reception, July 9
Hotel DuPont, Wilmington, Del.

August 1

ASBI Bridge Award of Excellence Competition Entries due

August 6-11 Level I / Level II / Level III

PCI Quality Control & Assurance Personnel Training & Certification Schools
Embassy Suites, Nashville, Tenn.

September 23-26

Western Bridge Engineers' Seminar & Exhibition, Boise, Idaho

October 14-18

ACI Fall Convention
El Conquistador, Fajardo, Puerto Rico

October 22-24

National Concrete Bridge Conference and PCI Annual Convention & Exhibition
Includes meeting of AASHTO Technical Committee on Concrete Design (T-10)
Hyatt Regency Phoenix/Phoenix Civic Plaza Convention Center, Phoenix, Ariz
Abstracts for papers being accepted until April 6.

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Photography

Welcome To *ASPIRE*™ Magazine

John S. Dick, *Executive Editor*

Welcome to the inaugural issue of *ASPIRE*™, the first publication devoted exclusively to providing both inspirational and practical information about concrete bridge design and construction.

Targeted to you—as a principal stakeholder in the bridge design and construction community—this unique, quarterly magazine will document how owner agencies, department of transportation professionals, and consulting engineers are using concrete to solve increasingly unique design challenges. And further, how fabricators and contractors are innovating to create structures that are both beautiful and economical.

In just the past few decades, concrete has evolved from a staid commodity to a unique engineered material that can do almost anything we ask of it. Whatever the desired properties—long-lasting durability, higher strength, self-consolidating, densified, less permeable, modified with sophisticated admixtures and pozzolans, fast setting, made lighter weight, strengthened with improved/coated reinforcing steels, or prestressed to manage internal stresses—high performance concretes result in **higher performing concrete bridges and structures.**

According to the dictionary, the word *aspire* means to demonstrate “a strong desire for high achievement,” to “strive toward an end,” to “soar.” That definition aptly describes both the ambition of a bridge designer and the goal of this new magazine.

ASPIRE is a collaboration of the concrete industry. This magazine will speak with one voice and represent all concrete bridge disciplines.

Feature articles will cover dramatic and innovative new bridge projects and bridge topics that demonstrate the systems, details, applications and advantages of each concrete construction system—precast, prestressed concrete, cast-in-place concrete, and segmental construction. Each issue will profile a significant bridge engineering company, as well as provide information on trends and case histories in a high-quality, four-color format. Separate departments will provide news from FHWA, State DOTs, and county and city officials who have designed significant bridges.

In short, *ASPIRE* magazine will showcase how you and your peers are meeting challenges and expanding design boundaries with concrete bridge technology.

We have assembled a staff with an enviable record of quality in the publication business and have enlisted the technical services of professionals with unique backgrounds in both bridges and emerging materials...consultants, academics, and engineers—some formerly with public agencies. We think the read will be worthwhile, educational, and interesting. And we'll use our website (www.aspirebridge.org) to bring you more photos and “the rest of the story.” Featured articles and regular departments will be posted on the web, cross-referenced and available, along with space for your ideas, comments, questions, and suggestions. Indeed, we welcome your comments. You can reach me at jdick@pci.org.

So explore and enjoy *ASPIRE*. We covet your readership and pledge to make the time spent with us enjoyable and worthwhile.

