



New Team, New Features

Henry G. Russell, *Managing Technical Editor*

Photo: Ted Lacey Photography.

In every issue of *ASPIRE*[™], we try to present new ideas, new concepts, and new bridges. This issue is no exception.

Firstly, the new *ASPIRE* production team is in place as described on page 15. This team is dedicated to providing a high-quality magazine reporting on the newest concrete bridges.

Secondly, we pay tribute to John Dick, who retired as executive editor with the Spring issue. John would argue that *ASPIRE* is about concrete bridges and not people. But it is people like John who make concrete bridges happen.

Thirdly, we begin a new series of articles about accelerated bridge construction (ABC). We have heard a lot about how some states have implemented ABC for bridge construction and it certainly represents a change from the traditional method of building bridges. This new series, beginning on page 25, will highlight concrete solutions for ABC and the technology used for their implementation. On page 28, you can read about one implementation involving the sliding of a concrete bridge into place in Nevada. Of course, the use of ABC may not be appropriate for all bridges. On pages 50 and 51, we present a decision-making process that has been developed by the Oregon Department of Transportation.

If those four additions are not sufficient to whet your appetite for what lies ahead in this issue, our regular features, plus reports on four new highway bridges, will surely stoke your imagination. One bridge uses the balanced cantilever method with precast concrete segments (page 32); one features precast, prestressed concrete girders (page 20); and two are unique cast-in-place concrete bridges (pages 16 and 36).

Fourthly, we include the bi-annual feature on concrete bridge preservation beginning on page 52. In this issue, we feature two relatively new bridges rather than the repair or rehabilitation of classic reinforced concrete bridges. One bridge was widened and the other received a new deck using lightweight concrete panels. In the FHWA article beginning on page 40, Myint Lwin and Anwar Ahmad discuss the use of systematic preventative maintenance and effective bridge preservation programs to ensure a longer service life for our existing bridges.

We hope this wide range of articles will provide every reader with something of interest. If not, please let us know as we are **always** looking for ways to improve the magazine. To those of you who have submitted ideas, we say "Thank you."

Enjoy your reading!

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Cover

An ambitious fast-track project undertaken by American Structurepoint at the Keystone Parkway Corridor in Carmel, Ind.
Photo: American Structurepoint.

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Publisher

Precast/Prestressed Concrete Institute
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Postmaster: Send address changes to *ASPIRE*, 200 W. Adams St., Suite 2100, Chicago, IL 60606. Standard postage paid at Chicago, IL, and additional mailing offices.
ASPIRE (Vol. 6, No. 3), ISSN 1935-2093 is published quarterly by the Precast/Prestressed Concrete Institute.

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