

OUR MEMBERS

Carapace Pavilion wins student design award

The Carapace Pavilion project has been awarded a 2023 Society of American Registered Architects (SARA) Student National Design Award of Excellence. This brings the number of awards that the Carapace Pavilion has won to six.

A PCI Foundation grant helped fund the project, which Doug Noble and his architecture students at the University of Southern California (USC) in Los Angeles designed. Clark Pacific cast the piece in its Fontana, Calif., facility. The structure is 42 ft (13 m) long overall and 13 ft (4 m) tall and is made with ultra-high-performance concrete.

The SARA awards have three types of awards: excellence, honor, and merit. Excellence is the highest award category. The award was announced and presented October 28, 2023, in Philadelphia, Pa., at the national conference of the Society of American Registered Architects.

The Carapace Pavilion, designed by University of Southern California students, has received a 2023 SARA Student National Design Award of Excellence. The shelter was installed in Joshua Tree National Park in California. Courtesy of Douglas Noble.



Seguirant receives Mast award

Stephen J. Seguirant, vice president and director of engineering for Concrete Technology Corp. in Tacoma, Wash., received the American Concrete Institute's Robert F. Mast Award.

Seguirant received the award "for his resolution to advance precast concrete construction through stewardship of code development; for his innovation and transfer of knowledge to others through professional papers and committees; and for his honor and respect of the eponymous award."



Stephen J. Seguirant

Seguirant is a PCI Fellow and vice chair of the PCI Transportation Activities Council in addition to being a member of numerous other PCI Committees. He is also a member of Joint ACI-PCI Committee 319, Precast Structural Concrete Code, which is in the process of developing a building code for precast and prestressed concrete. He has authored or co-authored many technical, award-winning papers. He is also a member of ACI Committee 318, Structural Concrete Building Code and was chair of ACI Subcommittee 318-G, Precast and Prestressed Concrete, for the 2014 and 2019 code cycles. He is also a Fellow of ACI.

Seguirant received his BS in civil engineering in 1978 from Saint Martin's College in Lacey, Wash., and his MS in civil engineering in 1980 from the University of Washington in Seattle, Wash. He is a licensed professional engineer in Washington.

County Materials Corp., County Prestress and Precast hire Schmidgall as CEO

Brad Schmidgall is joining County Materials Corp. and County Prestress and Precast LLC, effective January 8, 2024, as the company's new chief executive officer. Schmidgall will be responsible for overseeing the complete operation of the County Materials organization.

Most recently, Schmidgall has been the chief executive officer of Afinitas, a global infrastructure equipment and services company with 500 employees in facilities in the United States and Europe, including its headquarters in St. Louis, Mo.

—Source: County Materials Corp.



Brad Schmidgall

WELCOME TO PCI!

Erector

Coreslab Structures (L.A.)

150 W. Placentia Ave.
Perris, CA 92571
Coreslab.com
(951) 943-9119
Primary contact: Jon Clausen
jclausen@coreslab.com

Precast Installer

Prekast Corp.

3724 NW 43rd St.
Miami, FL 33142
(305) 632-3663
Primary contact: Sharon Trusky
slowe.prekastcorp@gmail.com

Services Associates

National Construction Co.

2101 Lockhill Selma Road, Suite 216
San Antonio, TX 78213
ACR-NCC.com
(210) 277-7040
Primary contact: Bryan Dugan
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Pyramids Engineering Corp.

9920 NW 88th Terrace
Doral, FL 33178
(330) 881-6142
Primary contact: Mohamed Habouh
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PCI'S NEWLY CERTIFIED PLANT

PCI recently certified the following plants. For an explanation of the certification designations, visit http://www.pci.org/Erector_Certification and http://www.pci.org/Plant_Certification.

- Enterprise Precast Concrete of Kansas LLC in Kansas City, Kan.: AC, C3

Compiled by K. Michelle Burgess (mburgess@pci.org)

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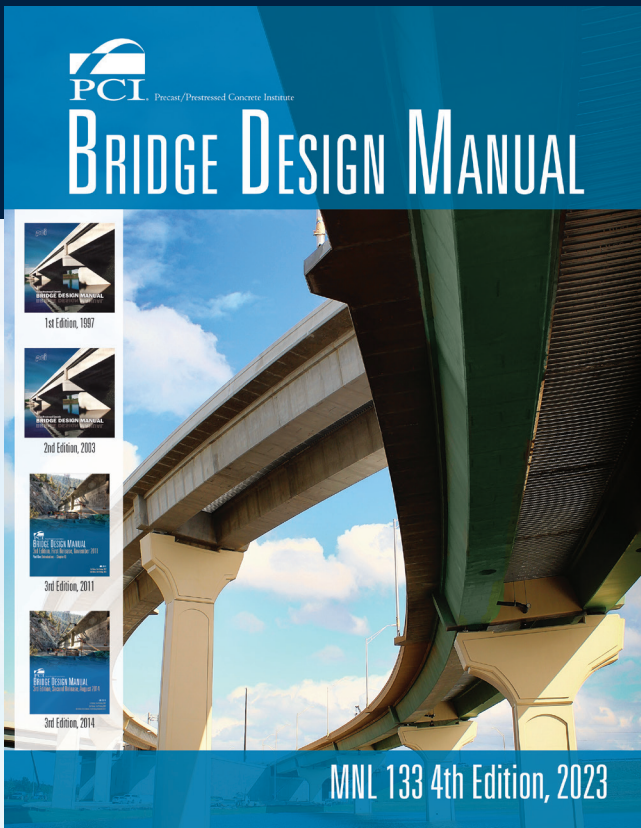
PCI BRIDGE DESIGN MANUAL

4th Edition (MNL 133-23)

This new edition of the *PCI Bridge Design Manual* presents both preliminary and final design information for standard beams and most precast and precast, prestressed concrete products and systems used for transportation structures. Load calibration and time-dependent loss computations are extensively discussed, and the manual features updated design examples as well as references to design examples found in the third edition.

The fourth edition has been thoroughly revised to explain and amplify the application of the *AASHTO LRFD Bridge Design Specifications* and to illustrate the effects from shrinkage and creep of the cast-in-place concrete deck. Topics in this comprehensive design manual include background information, strategies for economy, fabrication techniques, design loads, preliminary design tables, design theory, and selected design examples. Chapters also address sustainability, bearings, extending spans, curved and skewed bridges, integral bridges, segmental bridges, additional bridge products, railroad bridges, load rating, repair and rehabilitation, and recreational bridges. Chapters on seismic design and piles will be included in a later printing.

FREE PDF: pci.org/MNL-133-23



MNL 133 4th Edition, 2023