

SEGMENTS

ADVANCING THE INDUSTRY

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Editorial by

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A Message from the President

GREETINGS FROM ASBI!

I hope that this new edition of Segments finds you well. At this halfway point in my third term as ASBI President, I am thankful for the last two year's successes and look forward with optimism for the rest of 2025.

Optimism – it's an idea that has etched itself in my thoughts and outlook for the year. Optimism should be crucial to every engineer's work. It should drive and motivate us as we strive to do better for our clients, communities and most importantly, the people we serve.

When I look at the state of our organization, optimism abounds. Our 2024 Convention attracted the most participants since the COVID-19 pandemic. We gave Ingrid Ramsey a proper sendoff into retirement and welcomed Tori Clark to the team. Also, more than 200 professionals attended our cornerstone events – the Grouting Certification Training, Flexible Filler Training and Construction Practices Seminar – all of which equip and progress our industry and its members.

Our membership continues to grow, and this growth provides opportunities to expand our organization's knowledge base and network. Continuing partnerships with organizations such as the National Concrete Bridge Council and Concrete Bridge Engineering Institute ensure members can learn about related industry trends while providing additional chances to connect and share their knowledge.

We have a busy year ahead with an insightful slate of webinar presentations and exciting new initiatives. Do not forget to start your plans for our 37th annual convention in Bellevue, Washington. It promises to be another great event.

Many thanks to our Executive Director, Gregg Freeby, and the members of the Executive Committee. Their hard work and leadership greatly appreciated. To all of you who volunteer on committees and represent ASBI at other meetings – Thank You!

I hope these words help underscore why it is so easy to be optimistic about ASBI's future!



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Follow us on

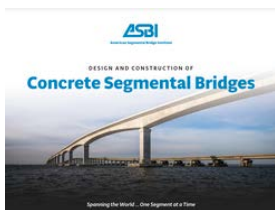




New Resources

Several new and updated publications have been created by ASBI and are available on the website under the ASBI Resources page.

asbi-assoc.org/resources/



Design and Construction of Concrete Segmental Bridges

Last year, ASBI updated a number of its marketing materials, including its “Design and Construction of Concrete Segmental Bridges” handout. The materials give information on the advantages of concrete segmental bridges, types of concrete segmental bridges, construction methods, growth of concrete segmental construction and more. You can access the document [here](#).

ASBI Membership Brochure

Additionally, ASBI updated its membership brochure last year. ASBI’s membership guide provides information on the types of membership, networking opportunities, member benefits and more. You can access the pamphlet [here](#).

MEMBERSHIP GUIDE

YOUR AUTHORITATIVE RESOURCE FOR THE DESIGN AND CONSTRUCTION OF CONCRETE SEGMENTAL BRIDGES

Check out our YouTube Channel

In 2024, ASBI relaunched its YouTube channel, increasing access to ASBI’s growing number of resources, including webinars, industry videos and more. You can watch videos, check out playlists and subscribe [here](#).



ASBI Segmental Bridge Database

ASBI’s interactive database lets you view geographically the segmental bridges identified in the National Bridge Inspection Database maintained by the Federal Highway Administration. This data was used to revise the Durability Survey. You can access the database [here](#).



member news

Have news to share? THEN TELL US!

Whether you have moved and need to update your information or have a story idea for an upcoming newsletter email us at info@asbi-assoc.org.

2025–2026 ASBI Executive Committee

The following ASBI members were approved by the Board of Directors to serve on the Executive Committee for 2025-2026:

John Corven, President
Sereno Brown, Vice President
Timothy Barry, Secretary/Treasurer
Elie Homsi, Former President

Members:

Nyssa Beach
Jeff St. John
Steven Austin
Sam Fallaha
Jeremy Johannesen
Gregory Hunsicker
Ron Watson
John Corven
Sereno Brown
Timothy Barry
Elie Homs



John Corven



Sereno Brown



Timothy Barry



Elie Homs



Nyssa Beach and **Jeff St. John** are serving as new members on the Executive Committee. Beach brings more than 17 years of experience in the transportation industry, boasting expertise in structural design, construction and management. St. John holds more than 35 years of experience in heavy-civil construction, primarily in high-profile, complex technical bridge projects.

New ASBI Members

As we enter into 2025, ASBI would like to recognize new members who joined during the previous calendar year. We are excited to welcome two new transportation officials and six new professional members, in addition to the following organizations:

Contractors

[Acciona Construction](#)

Consultants

[GM2 Associates, Inc.](#)
[KCI Technologies, Inc.](#)

Material Suppliers

[RUBRICA](#)

A complete list of ASBI members is available at asbi-assoc.org/about/asbi-members/.

Have ideas worth sharing?

New ideas are always important, contact a committee member and get involved today.

convention news

2024 ASBI Leadership Awards

During the 2024 convention, ASBI announced four recipients of our biennial ASBI Leadership Awards. The following individuals received awards:



Jeff Mehle, McNary, Bergeron & Johannesen

Outstanding Career Contributions and Commitment to Excellence in Design and Construction of Concrete Segmental Bridges



Clifton Nelson, H&H/Corven Engineering

Outstanding Career Contributions for the Advancement and Success of Concrete Segmental Bridges



Kenneth Price, Planning and Design Subcommittee

Outstanding Career Contributions and Commitment in Design and Construction of National and International Concrete Segmental Bridges



Erin Schultz, Walsh Construction Company

Outstanding Career Contributions in Initiating the Concept and Delivery of a Precast Concrete Segmental Guideway Structure

2024 Convention Wrap-Up

The 2024 ASBI Annual Convention was held on Oct. 20-23 at the Loews Atlanta Hotel. The 36th annual convention attracted more than 260 pre-registered attendees made up of:

- 11 transportation agencies
- 13 material supplier companies
- 24 consulting firms
- 26 industry groups
- 9 contractor companies
- 6 universities.

Of these individuals, 29% attended the event for the first time, and the convention attracted 27 exhibitors and 15 sponsors.



2024 Convention Sponsors

ASBI Would Like to Thank the Following Organizational Members for Their Sponsorship of the 2024 Convention:

Gold Sponsors



Silver Sponsors



Bronze Sponsors



2024 ASBI Convention Exhibitors

- | | |
|------------------------------------|------------------------------------|
| CMC | MAPEI |
| Deal / Rizzani de Eccher USA, Inc. | PERI Formwork Systems, Inc. |
| D.S. Brown | R.J. Watson, Inc. |
| DYWIDAG | RS&H, Inc. |
| Enerpac | Rubrica US, Inc. |
| Engineered Rigging | Schwager Davis, Inc. |
| Euclid Chemical | Sika Corporation / Watson Bowman |
| Freyssinet Inc. | Acme |
| FUCHS Lubricants Co. | SOFiSTiK North America |
| General Technologies, Inc. | Structural Technologies |
| Hilman, Inc. | Sumiden Wire Products Corp. |
| KCI Technologies, Inc. | Texas Department of Transportation |
| LARSA, Inc. | US Spec |
| LUSAS | Williams Form Engineering Corp. |

See you in 2025!

We hope you'll join us Oct. 26-29 in Bellevue, WA, for the 2025 ASBI Convention and Committee Meetings. The 37th annual event will be held at the Hyatt Regency, Bellevue. More information, including an agenda, abstract and registration details, will be announced shortly.

event news

Moved and Have a New Address?

Please let us know if you have had an address change so we may update the information on the ASBI website as well as the mailing list. Don't forget to include new telephone and e-mail address. You may send any updates to info@asbi-assoc.org.

Webinar Preregistration

You can pre-register for all of ASBI's 2025 webinars [with this link](#) or the QR code below.

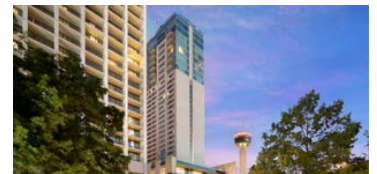


Mark Your Calendar



ASBI 37th Annual Convention and Committee Meetings

ASBI 37th Annual Convention and Committee Meetings to be held at the Hyatt Regency in Bellevue, Washington, October 26-29, 2025



ASBI 38th Annual Convention and Committee Meetings

ASBI 38th Annual Convention and Committee Meetings to be held at the Grand Hyatt Riverwalk in San Antonio, Texas, November 8-11, 2026.

Grouting Certification Training

ASBI is excited to host its 2025 Grouting Certification Training on April 7, 2025 in Austin, TX. The Grouting Certification Program provides supervisors and inspectors with the training necessary to understand and successfully implement grouting specifications for post-tensioned structures.

[Click here](#) for more information on the 2025 Grouting Certification Training or to register.

In 2024, ASBI trained 66 individuals and completed 12 recertifications during the calendar year. In addition to its annual training, ASBI hosted requested training sessions in Miami and Jacksonville.

[Click here](#) for more information on hosting a special training session.

Monthly Webinars

ASBI will be offering monthly webinars beginning in February:

THURSDAY, FEBRUARY 27, 12:00 – 1:00 P.M. CST
[Straight and Curved Spliced Girders in Action](#)

ASBI's 2025 Webinar Series launches this month, so be sure to register for the February episode. This month's webinar will be held on Thursday, Feb. 27 at 1 p.m. ET. Andrew Mish of Modheski and Masters will present "Straight and Curved Spliced Girders in Action," using real-world examples to discuss the design and construction of both straight and curved spliced post-tensioned precast girder bridges

[Follow this link](#) to register for the webinar, and you can find more information about the presentation [here](#).

Please visit asbi-assoc.org/events/ for further information.

project news



OWNER
Pennsylvania
Turnpike Commission
ENGINEER
FAY / S&B USA

Beaver River Bridge

The Beaver River Bridge carries the Pennsylvania Turnpike Mainline over the Beaver River, the CSX rail line and the Norfolk Southern rail line in Beaver County, PA. The project consists of two new parallel, five-span cast-in-place segmental bridges that will replace a steel deck truss bridge built in 1953. The new eastbound and westbound bridges will carry three 12-foot travel lanes, one 12-foot acceleration and deceleration lane, and appropriate shoulders. The new bridges are 1,645 feet in length and will feature 385-foot spans. The new segmental bridges were designed by H&H as a subconsultant to CDR Maguire Engineering, and are currently being constructed by Fay, S&B USA Construction.

The concrete box girder superstructures for each bridge will be 73'-4½" wide and vary in depth from 10' at mid-span to 21' at the piers. Pier heights will reach nearly 200' and will consist of solid base pedestals transitioning to twin wall piers to enhance flexibility and constructability. The segmental box girder superstructures will be built in balanced cantilever using self-advancing form travelers. The superstructure is cast monolithic with the piers in all cases. All piers are founded on 60" diameter drilled shafts, with 54" rock sockets. Both the westbound and eastbound bridges are currently under construction, with typical segment casting beginning in February.





The New Mosquito Road Bridge

The Mosquito Road Bridge carries Mosquito Road over the South Fork of the American River near Placerville, CA. With an expected construction in 2025, the project consists of a three-span post-tensioned concrete box girder bridge, which will replace a one-lane timber suspension bridge built in 1939. The existing bridge will remain in place and will be converted into a bicycle and pedestrian bridge with gated access. The cast-in-place balanced cantilever boasts depths of 12 to 30 feet, while supports include two hollow main piers consisting of 5-foot confined corner octagons joined by 2-foot-wide walls.

The finished bridge will include a 54-inch barrier with tubular railing, a height that exceeds standard customs, along with a timber texture, natina finish and suicide prevention sides. Nearly 200-foot columns rise from the CIDH-supported footings, while the roadway spans nearly 375 feet above the river. Additional elements include rock texturing of the surrounding mountainside, pier walls and foundations, drainage improvements and realignment of existing roads to the new structure.

OWNER
El Dorado County, CA
ENGINEER
SYSTRA IBT / Consor
CONSTRUCTION
Shimmick



mission and strategic plan updates

At its November 6, 2023 meeting, the ASBI Board of Directors passed a resolution to expand ASBI's scope with a revised mission statement:

“To work collaboratively to advance, promote, and innovate concrete segmental bridges and complex concrete structure technologies; share the knowledge; educate stakeholders; build professional relationships; and increase the value of our infrastructure by providing sustainable and resilient solutions.”

To further implement this expanded scope, the Board then approved an updated strategic plan at its meeting on October 21, 2024.

This revised plan can be found [here](#).

ASBI looks forward to the continued success of our organization and our members, and we are excited about the opportunities this new direction provides.

asbi membership

Associate Members

Epoxy Interest Group of CRSI
Post-Tensioning Institute (PTI)
Precast/Prestressed Concrete Institute (PCI)

Consultant Members

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GM2 Associates, Inc.
H&H
HDR
HNTB Corporation
Jacobs
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KCI Technologies, Inc.
Kelly McNutt Consulting
LARSA, Inc.
McElhanney Consulting Services, Inc.
McNary Bergeron & Johannesen
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Modjeski and Masters
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STV Incorporated
SYSTRA International Bridge Technologies
T.Y. Lin International
WSP USA, Inc.

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Kraemer North America, LLC
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MasTec Civil, LLC
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VINCI Construction Grands Projets
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Euclid Chemical Company
Freyssinet, Inc.
FUCHS Lubricants
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PERI Formwork Systems, Inc.
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Florida Department of Transportation
Georgia Department of Transportation
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Oregon Department of Transportation
Sound Transit
Texas Department of Transportation
Virginia Department of Transportation
Washington State Department of Transportation



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