

SEGMENTS

ADVANCING THE INDUSTRY

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A Message from the President

GREETINGS FROM ASBI!

I hope this edition of Segments finds you energized and inspired as we look ahead at a promising year together. Before we focus on the future let us reflect for a moment on the close of 2025. For me, one moment I wish to remark on is the inspiration I took from another outstanding Annual Convention in Bellevue. The turnout was fantastic, the presentations were rich, and the conversations and the enthusiasm from across the membership reaffirmed what makes this organization so special.

I would be remiss if I did not extend my heartfelt thanks to my friend and statesman, John Corven, for his steady leadership over the past three years. John's commitment to ASBI, his thoughtful guidance, and his unwavering belief in the strength of our community have left an indelible mark on our organization. We are all beneficiaries of his service, and I am deeply grateful for the opportunity I have received through ASBI to get to know him better. I am equally indebted to our former outgoing president, Elie Homsy for his guidance, indomitable spirit and infectious enthusiasm. He is a singular force of nature and has made an indelible mark on me and my professional journey.

To the members – engineers, contractors, educators, suppliers, owners, and partners – thank you. Your dedication is the backbone of ASBI. Whether you are advancing research, improving construction practices, mentoring the next generation, or representing our industry across the country, your contributions shape the future of segmental bridge engineering every day. This organization thrives because of your passion and professionalism.

As we look ahead, we do so in a world marked by uncertainty. Volatile swings in raw material markets – one material in particular – continues to challenge project planning and budgeting across the infrastructure sector. This material, based on index pricing, has expressed this volatility with multiple (three different occasions) double-digit percentage increases year-over-year in the last decade.

This is why, especially in these unpredictable times, our industry stands on solid ground. Segmental bridges and complex concrete structures offer something increasingly rare: reliability. The predictable costs, durability, and long-term performance provide owners and agencies with confidence when it is needed most. If you haven't yet thumbed through the 2022 durability survey you'll see we are transparent in this. These bridges outperform the competition with a mere 0.6% rated as Poor. This is not just a number; it is defining characteristic that provides a clear technical and strategic advantage and underscores why our work matters.

The year before us is filled with opportunity. New initiatives. A new and more thoughtfully assembled committee structure with expanded outreach offerings. And, lastly, let us not overlook the triumph of publication of the First Edition of the Design Manual. I encourage you to download it now if you haven't already. It is a trove of knowledge and puts on full display the dedication and depth of knowledge of our membership. But that's not all, as there are other manual updates on the way, so stay tuned for more good work coming from our committees! With all of this, it is hard not to be optimistic about where we are headed, and I am honored to serve alongside you as we continue to advance the art and science of segmental construction.

Thank you for your trust, your engagement, and your commitment to excellence. Together, we will ensure that ASBI's future remains as strong and resilient as the structures we champion.

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Follow us on



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.

Want to Help Shape the Future of ASBI? Join a Committee.

The ASBI Board of Directors approved a new committee structure at their meeting on October 27, 2025. This new committee structure streamlines the committees by eliminating duplication of committees under the Education branch and Technology and Innovation branch. More information on the ASBI Committees can be found on the [ASBI Committee Webpage](#).

Segmental Design Committee

Provides guidance and education through publications including the ASBI Rail Guide and Design Manual and through collaboration with PTI and PTI-ASBI Subcommittees.

AASHTO CoBS Technical Support Subcommittee

Provides technical support on concrete segmental bridges to AASHTO committees, including AASHTO's Committee on Bridges and Structures.

Design Training Subcommittee

Helps develop, deploy and improve concrete segmental design training, better shaping practitioners to innovate our industry.

Segmental Construction Committee

Provides guidance and education, developing materials for workshops and seminars and maintaining handbooks.

Post-Tensioning Construction Subcommittee

Focused on post-tensioning construction, this subcommittee maintains ASBI's Grouting Training Manual and collaborates with a number of PTI committees and subcommittees.

Segmental Operations and Maintenance Committee

Maintains expertise in segmental bridge operations and maintenance, offering technology support for AASHTO's Committee on Bridges and Structures and supporting O&M Manuals and Trainings.

Data Subcommittee

Collects, organizes, analyzes and presents information, supporting the ASBI Durability Survey as well as its Segmental & Complex Databases.

Engagement and Outreach Committee

Coordinates between ASBI committees, planning each monthly webinar as well as developing and implementing the organization's marketing plan while working to expand membership.

University Student Programs Subcommittee

Develops and implements programs to engage university students, and it maintains ASBI's University Student Programs initiative.

If you or your staff are interested in participating in any of the new committees, please complete the [Committee Membership Survey](#). This survey will be shared with our committee chairs regularly as they identify committee participants.

New Resources

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

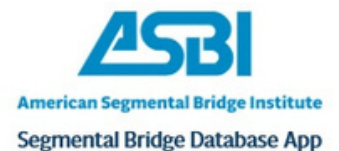
asbi-assoc.org/resources/

Check out our YouTube Channel

ASBI's new YouTube channel is 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

2026-2027 ASBI Executive Committee

The following ASBI members were approved by the Board of Directors to serve on the Executive Committee for 2026-2027:

Sereno Brown, FlatironDragados, President
Timothy Barry, RS&H, Vice President
Jeremy Johannesen, McNary, Bergeron & Johannesen, Secretary Treasurer
John Corven, H&H, Past President



Sereno Brown



Timothy Barry



Jeremy Johannesen



John Corven

Members:

- Ron Watson
- Gregory Hunsicker
- Nyssa Beach
- Jeff St. John
- Sereno Brown
- Timothy Barry
- Jeremy Johannesen
- John Corven

Upcoming Events

Grouting Training – April 9, Denver, CO

- Check out the [ASBI Website](#) for registration and details.
- Special Request Training Available: *The ASBI Grouting Training Certification program can be presented at your location by experienced industry experts. Train and certify your employees or other group and eliminate travel expenses—we bring the experts to you! [Learn more.](#)*

Flexible Filler Training – March 20, FAMU-FSU College of Engineering Tallahassee, FL

- [Online Registration](#)
- [Link to agenda/registration](#)

NCBC Seminar – April 23-24, Austin, TX

- The National Concrete Bridge Council will be hosting a “Prestressed Concrete Bridge Seminar Concepts for Extending Spans Workshop” in cooperation with the Texas Department of Transportation and Federal Highway Administration, April 23–24, 2026 at the Austin Marriott South 4415 S I-35 Frontage Rd, Austin, TX 78744. This is a great opportunity to learn more about the latest techniques and requirements for long-span concrete structures. More about the seminar, including registration can be found here: [NCBC Seminar](#).

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

New ASBI Members

As we enter into 2026, ASBI would like to recognize new members who joined during the previous calendar year. We are excited to welcome five new transportation officials and 11 new professional members, in addition to the following organizations:

Consultants

Finley Bridge Engineers, Inc.
Somerset Engineering
Stantec
Pedelta

Contractor

KWH Constructors, Inc.

Material Supplier

Sumiden Wire Products, Inc.

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.

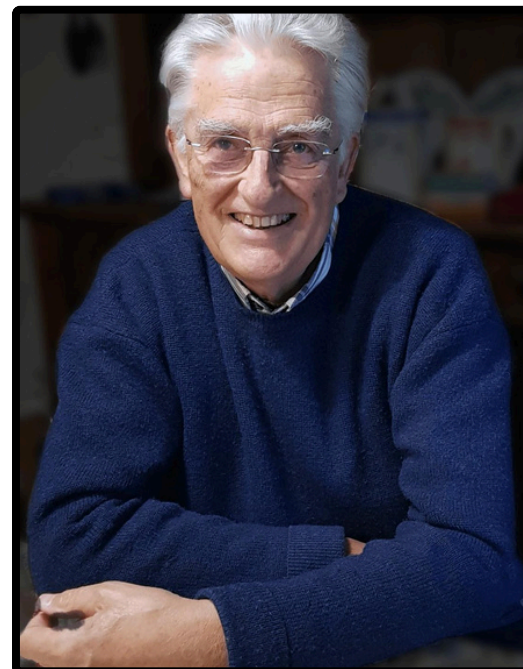
honoring a legacy

Remembering Jean-Philippe Fuzier

On August 12, 2025, the engineering world lost a great ambassador in the passing of Jean-Philippe Fuzier.

After graduating from Ecole Centrale de Paris in 1965, Jean-Philippe worked for Gannett Fleming in Harrisburg, PA, where he laid the foundation for a distinguished career in civil engineering. Upon returning to France, he joined Europe Études, where he played a pivotal role in the development of prestressed concrete structures, having served as Project Engineer, Technical Manager, and eventually International Division Manager, demonstrating exceptional leadership and technical expertise.

Jean-Philippe later joined Freyssinet as Scientific Director, where he became a cornerstone of innovation and technical excellence. His contributions extended far beyond the company: he represented the Freyssinet Group in numerous international organizations



Jean-Philippe's commitment to US post-tensioning and stay cable engineering started with Freyssinet's membership in PTI (Post-Tensioning Institute), joining the PTI Committee on Cable-Stayed Bridges (now Committee DC45) to begin work on the 3rd Edition in 1990. He had an immediate impact on the Committee, championing the advance of the provisions from a prescriptive, to a performance-based framework that exists to this day. He initiated what ended up being a persistent multi-year quest to introduce Freyssinet's Iso-tensioning to the Committee and the industry, resulting in the first US application of Iso-tensioned, ungrouted stay cables on the Leonard P. Zakim Bunker Hill Memorial Bridge in Boston, MA in 1998. The 4rd Edition of the PTI Recommendations recognized monostrand (Iso-tensioning) technologies.

Jean-Philippe's contributions and achievements include:

- Honored with the fib Medal of Merit in 2001 for contributions as Editor of fib's Journal of Structural Concrete and his work several fib technical Task Groups.
- Honored with the Leadership Award from ASBI in 2004 for contributions to the promotion and growth of prestressed concrete segmental bridges.
- Honored by the PTI with election to "Legend" status in 2012 for contributions to the development of the post-tensioning and stay cable technologies.
- Member of fib Scientific Committee responsible for technical report bulletin 15

Known for his exceptional communication skills and his ability to build warm, respectful relationships, Jean-Philippe was admired not only for his intellect but also for his kindness and humility. He is survived by his beloved wife Anne-Lise, his children Myrielle, Loïc, Camille, and Alexis, and his grandchildren and great-grandchildren. His legacy lives on in the structures he helped create the knowledge he shared, and the lives he touched.

bridge award winners

Congratulations to our ASBI Bridge Award of Excellence Winners!

The ASBI Bridge Award of Excellence recognizes the Owners of Bridges that exemplify Concrete Segmental Bridge Design and Construction Excellence. The 2025 winners are:

- Category: Long Span and Cable-Stayed Bridges (Spans of 400' or Greater)
 - Winner: **US 181 New Harbor Bridge, Corpus Christi, TX**
 - Accepted by TxDOT Deputy District Engineer Joseph Briones on behalf of TxDOT
 - Owner's Engineer: HNTB Corporation & Texas Department of Transportation
 - Bridge Division Engineer of Record: Arup & Carlos Fernandez Casado
 - Design-Build Team: FlatironDragados, LLC, Arup & Carlos Fernandez Casado
 - Contractor: FlatironDragados, LLC
 - Construction Engineering Services: Arup & Carlos Fernandez Casado, FlatironDragados, LLC, CEG, COWI
 - Constructability Review/Estimating Services: FlatironDragados, LLC
- Category: Mass Transit/Rail Bridges
 - Winner: **HART Airport Guideway and Stations (AGS) Project, Honolulu, HI**
 - Accepted by HART Deputy Project Director Matt Scanlon on behalf of HART
 - Owner's Engineer: HDR/Stantec
 - Consulting Designer: Parsons
 - Design-Build Team: Shimmick Construction, Traylor Bros., Inc., and Granite Construction (STG JV)
 - Contractor: Shimmick Construction, Traylor Bros., Inc., and Granite Construction
 - Construction Engineering Services: McNary Bergeron & Johannesen
 - Formwork For Precast Segments: Deal/Rizzani de Eccher USA, Inc.
- Category: Rural Bridges & Viaducts
 - Winner: **Neil Irwin Greer Memorial Bridge/Pine Valley Creek Bridge, San Diego County, CA**
 - Accepted by Caltrans Deputy Division Chief Sudhakar Vatti on behalf of Caltrans
 - Owner's Engineer: California Department of Transportation
 - Construction Engineering Services: Dyckerhoff and Widmann & S.J. Groves JV
 - Erection Equipment: Dyckerhoff & Widmann, USA - with fabrication by local firms
 - Post-Tensioning: Dyckerhoff & Widmann, USA -
- Category: Mass Transit/Rail Bridges
 - Winner: **Chicago Transit Authority Red Purple Modernization (RPM)-Lawrence to Bryn Mawr Modernization (LBMM) Chicago, IL**
 - Accepted by Ben Soule (Systra) and Kevin Busch (Walsh Group) on behalf of the CTA
 - Owner's Engineer: T.Y. Lin International/Lochner
 - Designer: Stantec/SYSTR International Bridge Technologies
 - Design-Build Team: Walsh-Fluor Design Build Team (WFDBT)
 - Contractor: Walsh-Fluor Construction
 - Engineering Services: Collins Engineers, SYSTR International Bridge Technologies, MBJ
 - Constructability Review/Estimating Services: Walsh-Fluor



[Read more about our 2025 Award Winners.](#)

convention news



2025 Convention Wrap-Up

ASBI hosted the 37th Annual Convention Oct. 26-29 at the Hyatt Regency, Bellevue, WA. In all, we welcomed 328 attendees, including 95 first-timers.

- 15 transportation agencies
- 13 material suppliers
- 24 consulting
- 4 industry groups
- 11 contractor
- 4 universities

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

2025 Convention Sponsors

ASBI Would Like to Thank the Following Organizational Members for Their Sponsorship of the 2025 Convention:

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convention news



2025 Convention Sponsors

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2025 ASBI Convention Exhibitors

- | | |
|--------------------------------|------------------------------------|
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| RS&H, Inc. | Freyssinet Inc. |
| Computers and Structures, Inc. | Williams Form Engineering Corp. |
| SIKA Corporation | DYWIDAG |
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| US Spec | MAPEI |
| Enerpac Tool Group | Somerset Engineering Group |
| Harbor Bridge Project | LUSAS |
| Euclid Chemical | Rubrica USA |
| Engineered Rigging | CBEI |
| Doka USA | FUCHS Lubricants Co. |
| LARSA, Inc. | General Technologies, Inc. |
| Schwager Davis | Texas Department of Transportation |
| R.J. Watson, Inc. | Structural Technologies |
| | NCBC/CBEI |

See you in 2026!

We look forward to you joining us Nov. 8-12 for our 38th annual ASBI Convention and Committee Meetings at the Grand Hyatt San Antonio River Walk. ASBI Committee Meetings will be held Nov 8-9, with our Technical Program Nov 9-11 and PTI/ASBI Committee Meetings Nov 11-12. More information, including registration details, will be announced shortly.

resources

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.



New Resources

Design Manual for Concrete Bridges

We are pleased to announce the first edition of the Design Manual for Concrete Segmental Bridges was published in October 2025.

You can download a free copy from [the Resources page](#) on the ASBI website.

While there are too many to mention here, ASBI would like to thank all the volunteers that helped put this manual together. A complete list of contributors can be found in the Acknowledgment pages of the document.

Key 2026 Events

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.

ASBI Monthly Webinar Series

ASBI will continue to host its monthly webinar series on the last Wednesday of every month from 1-2 p.m. ET.

The 2026 Webinar series will kick off on Wednesday, February 25 at 1 p.m. ET with *Completing the New Harbor Bridge: Project Overview and Construction Engineering Highlights*. Arup's Luke Tarasuik, Javier Campos and Quentin Marzari will kick off the season and inform the first audience with the New Harbor Bridge project, its history, features, construction, project challenges and lessons learned from the creation of this new icon in segmental bridges.

You can catch up on last season's episodes, access presentation slides or register for this season [with this link](#).

Webinar Preregistration

You can pre-register for all of ASBI's 2026 webinars [with this link](#) or the QR code below.



project news

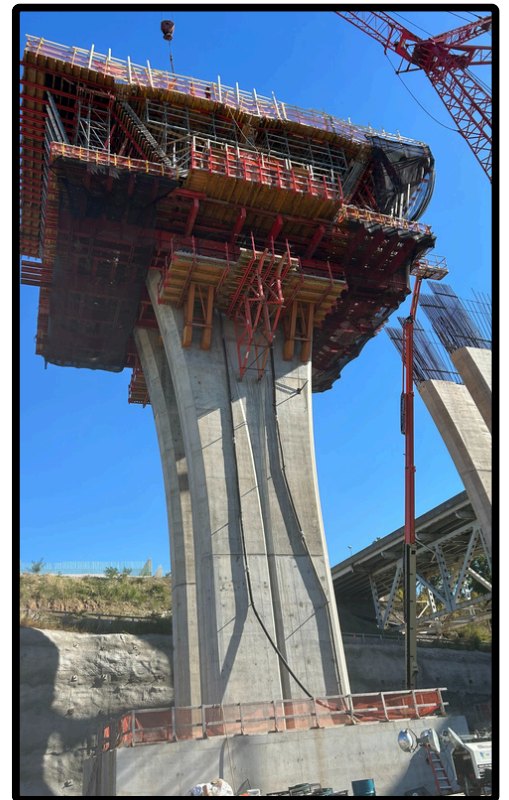
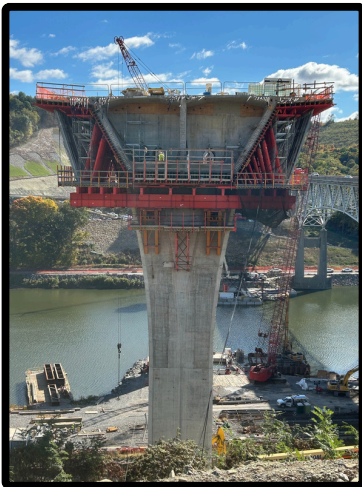


OWNER
Pennsylvania
Turnpike Commission
ENGINEER
FAY / S&B USA

Beaver River Bridge

Beaver County, PA

The Beaver River Bridge Replacement superstructure enters its first full year of superstructure placement. The replacement of the steel deck truss will be made with twin cast-in-place cantilever bridges. Currently, the Westbound bridge has two cantilevers completed, at Piers 1 and 4, and the final two under construction, at Piers 2 and 3. The Eastbound bridge has Piers 2 and 3 nearly finished, and pier tables placed for Cantilevers 1 and 4. This year, the Westbound bridge should be completed, and the Eastbound bridge superstructure will be underway. Construction is to be completed next year, in 2027.





The New Mosquito Road Bridge

The Mosquito Road Bridge carries Mosquito Road over the South Fork of the American River near Placerville, CA. The bypass of the historic Mosquito Road Bridge is being accomplished with a three-span (322'-536'-322') cast-in-place balanced cantilever segmental bridge. Segments vary in depth from 12' at mid-span to 30' at the piers. ASBI member, SYSTRA IBT, is the Engineer of Record for the project. Shimmick was awarded the \$93 million dollar construction project by El Dorado County in 2022. Construction is expected to be completed in April of 2026. The existing 1939 single-lane bridge will remain in place and will be converted into a bicycle and pedestrian bridge with gated access.

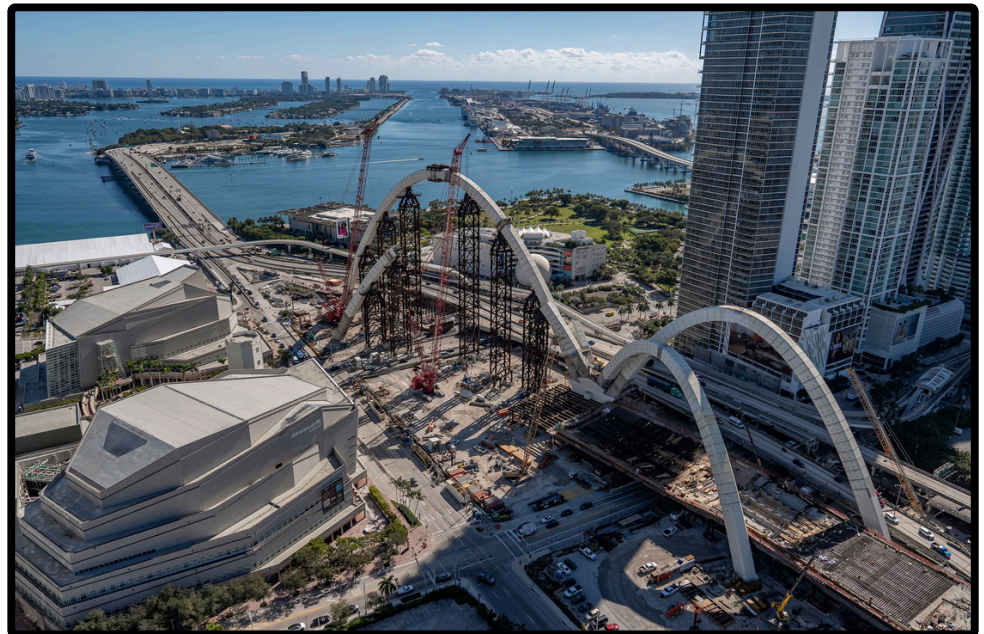
OWNER El Dorado County, CA ENGINEER SYSTRA IBT / Consor CONSTRUCTION Shimmick



Miami 395 Project

The I-395/S.R. 836/I-95 Project is a partnership between the Florida Department of Transportation (FDOT) and the Greater Miami Expressway Agency (GMX). This project includes the construction of several segmentally constructed structures including the iconic signature bridge. The project continues to progress with completion expected in 2029.

OWNER
Florida Department of
Transportation & Greater
Miami Expressway Agency
DESIGN-BUILD TEAM
Archer Western Contractors
& The de Moya Group



asbi membership

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

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