



Strategic Alliances

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Since our inception in 1998, we have made a distinct mark on the concrete construction market. Through our direct, dedicated member involvement in a variety of engineering, design, and construction-oriented standards development organizations, we have advanced the recognition and acceptance of shotcrete placement for quality concrete construction. In

our outreach efforts, we have already been working with committees at the following organizations:

- American Concrete Institute (ACI)
- International Concrete Repair Institute (ICRI)
- ASTM International, American Railway
- Maintenance-of-Way Association (AREMA)
- Underground Construction Association (UCA) of the Society for Mining & Exploration (SME)

Our connections with these organizations enhance and increase our Association and shotcrete’s visibility in the concrete construction world, and this year, we’ve added affiliations with three other concrete-related groups. They include:

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SKATE4CONCRETE (WWW.SKATE4CONCRETE.COM)

The Skate4Concrete mission is to dispel the belief that a successful career can only be achieved by going to college. Skate4Concrete provides a place where it is easy to explore entry-level careers in concrete that set the stage where the skate community can craft their own career path.

Skate4Concrete has established a certification program that allows individuals to explore opportunities in the concrete construction market. The curriculum focuses on concrete construction within the Construction, Engineering, and Manufacturing CTE pathways, and students gaining their certification will have direct understanding of the importance and stability of a concrete career.



An ACI Center of Excellence
for Advancing Productivity

PRO - AN ACI CENTER OF EXCELLENCE FOR ADVANCING PRODUCTIVITY (WWW.CONCRETEPRODUCTIVITY.ORG)

PRO’s mission is a catalyst for solving the barriers of constructability to advance concrete construction productivity. PRO will collaborate with contractors, designers, and materials suppliers to identify and resolve issues that negatively impact productivity in concrete construction. Through the development and dissemination of construction productivity knowledge, such as training for structural designers, industry-wide collaboration efforts, measurement and validation of progress toward increased constructability, and more, PRO and its members aim to advance new technologies and processes that improve productivity beyond historic levels.

“Through a collaborative approach, PRO aims to optimize labor and time against materials by improving structural design and construction processes.”

- Phil Diekemper, Executive Director, PRO

WHO DOES PRO WANT TO GET INVOLVED?

- Industry leaders and associations seeking to advance concrete design and construction
- Innovative individuals that share PRO’s vision
- Companies seeking to improve employee expertise and business results
- Concrete contractors facing complex obstacles

Since shotcrete placement inherently provides greater efficiency for concrete construction, our involvement in their “Constructability Blueprint” document is beneficial to both ASA and Pro, and truly the entire industry. We will work with PRO to develop a chapter that directly addresses shotcrete placement.



PEX: CENTER OF EXCELLENCE FOR CONCRETE PRESERVATION AND SERVICE LIFE EXTENSION (WWW.PEXCOE.ORG)

P+Ex is a non-profit organization created to focus on the sustainability benefits of preserving and extending the life of concrete structures. Shotcrete placement offers a distinct benefit for the quality and durable repair of concrete structures of all types. This makes participation with P+Ex a natural outreach for ASA, as shotcrete is a significant part of our members' work.

P+Ex MISSION: To drive global awareness, education, tools, and actions to preserve and extend the service life of concrete structures to ensure a sustainable built environment

P+Ex VISION: To promote and lead "Concrete Preservation and Service Life Extension Initiatives" to contribute to sustainable solutions for society

As a developing organization, their initial strategies include:

- Identify and quantify the benefits of service life extension
- Develop channels to communicate the benefits of preservation and service life extension
- Expand national and international conversation to increase engagement around the sustainability of concrete structures

SHOTCRETE ONLINE

Public access to the electronic version of Shotcrete magazine is available from www.shotcrete.org. To ensure notification of new issues, subscribe via shotcrete.org/news/asa-e-newsletter-subscribe/



ICRI - D(AI)LE SYSTEM (WWW.ICRI.ORG/ RESOURCES/ MEET-DAILE)

Finally, we will be supplying portions of our website shotcrete knowledge base to ICRI's closed generative AI system, D(ai)le. Here's their introduction to D(ai)le:

Hello, I'm D(ai)le!

I'm your new best friend for all things concrete repair. Tired of digging through documents? I'm here to do the heavy lifting for you! I've devoured all the content from ICRI's world — think ICRI.org, technical guidelines, webinars, and issues of the Concrete Repair Bulletin. I'm powered by the latest insights and ready to dish out the info you need to get the job done right.

The system puts most of ICRI's documents into an LLM that can be queried, like using ChatGPT or Perplexity, but the replies are based only on vetted ICRI technical information. We anticipate supplying much of our shotcrete knowledge (already freely available on our website) as PDFs that the system analyzes for inclusion in the chat results. This will likely include our FAQs, past *Shotcrete* magazines, certification information, and the article archive.

D(ai)le is designed to provide limited responses to the public, but ICRI members can take full advantage of its capabilities by logging in through the website to see the more extensive responses. You don't have to be an ICRI member to try the limited application, though: Go try it out at the link above!

Though ICRI information often includes shotcrete placement, adding ASA's shotcrete knowledge can help provide more accurate and complete responses. We are also investigating ways that ASA members may access the more detailed responses.

LEVERAGING ASA AND SHOTCRETE EXPOSURE WITH AFFILIATED ORGANIZATIONS

Our interaction with many concrete-related groups provides us with much greater visibility, not only for our Association, but also for shotcrete placement in concrete construction. This leverage of our message (without additional financial impact) is a winning combination for ASA and the associations who work with us.