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INDUSTRY CALENDAR

ASCC Committee Week (Virtual) May 3-5, 2021 Schedule & Registration

World of Concrete Education: June 7-10, 2021

Exhibits: June 8-10, 2021 Las Vegas, NV <u>Registration</u>

CIM Auction

June 9, 2021

Welcome New Members

- Gilson Company, Lewis Center, OH
- Jackson Lewis P.C., Seattle, WA
- Jenco Ready Mix Concrete, Bay Shore, NY
- Liebherr USA, Co. Concrete Technology Division, Newport News, VA
- Seabee Constructors, Panama City Beach, FL
- Seppanen Contracting, Bryant, SD
- Struxi from Penta Technologies, Brookfield, WI
- Swagert Construction Group, Charleston, SC

ASCC Concrete Executive Leadership Forum July 15-18, 2021 Fairmont Orchid, Waimea, Hawaii Registration Brochure Hotel Information

ASCC Annual Conference September 23-26, 2021 St. Louis, MO

Safety Summit

November 12, 2021 Houston, TX



Welcome back Innovative Construction Concepts, Charlottesville, VA!



EXHIBIT HALL HOURS: NEW HOURS! TUESDAY-THURSDAY: 9:30 AM - 5:00 PM

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New Member Resource

THE UPPER HAND

Tilt Wall JHA

The Terry Fricks Floor Excellence Awards

The first awards program to recognize outstanding floor installations around the world. First and second place winners may be selected in each of ten categories and one Best of Show will be awarded. Submittal deadline is July 1, 2021. Awards will be presented at the Annual Conference in September.

Message from the Executive Committee

Moving the Dial on Constructability Mario Garza, Vice President

The American Concrete Institute recently completed their second virtual convention from March 28 through April 1, and one topic gaining momentum in the session schedules is "concrete constructability". This is a good indicator of progress in a) contractor involvement, and b) an industry push to improve construction productivity. I was invited to present in the session "Productivity in the Concrete Industry – Why Has it Stagnated and How Can ACI Help?" The presenters covered a number of topics that impact construction productivity, but specifically, collaboration and constructability were common themes among all five presenters.

My presentation focused on the approach of utilizing LEAN principles in conjunction with aspects of Integrated Project Delivery (IPD), to allow for better collaboration with project teams. These topics are widely covered by various organizations including The LEAN Construction Institute, CII, and AIA. I have found that the reaction to using these principles can initially be negative or overwhelming because they are sometimes viewed as a topic for "office personnel" and not for the field.

Giving our trades tools they can use to drive efficiency is not new. Improvements in tool technology like laser screeds are readily received because there is a level of comfort with the tool. The application of LEAN principles and IPD concepts should be viewed the same way. Our best success with these tools has been from trades personnel that take the concepts and figure out how to utilize them in their day to day. Ultimately, being able to have the trades interact with the design chain, to introduce constructability early in the process, is the ultimate goal.

Last, these concepts are not a set of rules, but a philosophy to improving efficiency. As we introduce the principles into our teams, there will be individuals that take the concepts and figure out how to implement them. I recently witnessed a debate between a foreman and a superintendent on the effectiveness of pull planning. It was clear they had taken the tool, realized where it works, and where it is not useful. The entire time this conversation was happening, they were reviewing layers in a Revit model to coordinate their work for the day.

Executive Director's Message

Awards - Why Spend the Time? Bev Garnant

Why take our valuable time, or that of another staff member for that matter, to secure the necessary pictures and complete the forms required to enter an awards competition? If you believe that the ASCC, DCC, CPC or SMRC are doing this for our own satisfaction, you are terribly wrong. Our awards competitions are designed as a member benefit; providing our contractors another way to set themselves apart from their competition.

We have three awards' programs at present: a series of safety awards, the DCC Project Awards, and, brand new, our Flat Floor Awards. As an organization, these initiatives do create awareness for us in the industry at large, but the real value is for the contractor. Winning awards, and promoting them, can be what gets you added to a new bid list, or pushes you over the top when it comes down to you and one other, even if you're high.

Think of it from your point of view. Do you not feel more attracted to and/or safer choosing a surgeon, a lawyer, a financial advisor, your kids' school, that comes with serious accolades or

recognition for their superior talent for what they do? The answer is yes, you do.

Selecting someone to hit the numbers in a warehouse, install the pool deck at your multi-million dollar home, or maintain a safe workplace on an 80-story building is easier and much more comfortable when the contractor can show you a national association, or two or three, that has seen fit to call them out for their craftsmanship, their attention to detail, their safety record.

That is why you, or someone else should be responsible for pulling together the information and sending a complete and professional submittal, on time. That relatively small amount of time can pay off big time in helping secure future work.

Concrete Construction Specialist

Shotcrete Core Evaluation Jim Klinger

(Full disclosure: This writer's first experience with shotcrete was in 1987; when the general level of industry understanding of structural shotcrete was evolving, shotcrete wall reinforcement was typically limited to a maximum #5 bar size, and only a minimal use of reinforcing steel contact lap splices was allowed. Now, here we are some 34 years later, and some truly amazing structures are routinely being placed running structural concrete through a nozzle. Stragglers are finally grasping the fact that shotcrete really is cast-in-place concrete, seismic zone shear walls featuring #14 and even #18 bars are successfully being shot, and ironworkers seem to be earnestlly tied up completing more laps than Michael Phelps in an old gunite pool).

When specified in the construction documents, the process of qualifying shotcrete nozzlemen for a specific project requires close collaboration between the concrete contractor and the project structural engineer (LDP). It is up to the concrete contractor to study the construction documents, then prepare a shotcrete mixture design and reinforcing steel shop drawings for each preconstruction mockup panel intended to simulate the most conducted conditions that could be encountered in the structural walls at a forthcoming project. Typically, the most congested (and therefore most challenging) shotcrete wall placement conditions are likely to occur near largediameter bars, in shear wall boundary elements, at corners, around large openings, and at pilasters. Once the LDP reviews the "worst-case" conditions and approves the shop drawings, preconstruction mockup activities in the field can begin and the proposed shotcrete nozzlemen's skills to properly encase the congested reinforcing with no significant voids can be tested and confirmed. After the mockup panel concrete has been shot into place, two types of cores are typically extracted from each panel by the owner's test agency: one set of compressive strength test specimens, and a separate set of cores taken to evaluate shotcrete quality. For compressive strength testing, cores must be taken without containing any embedded reinforcing steel. But to assess quality, three cores for each proposed nozzleman are actually drilled right through the most congested rebar zones so an evaluation of the degree of reinforcing steel encapsulation and other imperfections can be conducted. And it is at this step in the process where misunderstandings, conflicts and costly delays can introduce an unsavory ambience to your project.

Consider the following hypothetical shotcrete mockup scenario, for example, based on recent accounts shared by ASCC members. Two weeks ago your field crew erected the backforms for several shotcrete mockup panels at your company's offsite yard. Based on shop drawing negotiation with the LDP, installation of reinforcing steel in the agreed-upon, most challenging configurations soon followed. About one week ago, your highly experienced shotcrete nozzlemen completed their preconstruction shoots. The next day, the test agency extracted quality core samples from all of the mockup panels, each core drilled right through the congested zones of reinforcing steel. This morning, you received a test report indicating the quality cores have been evaluated visually by the test agency using the subjective "core grading" procedure described in ACI 506.2-95 (now obsolete, but nevertheless referenced in your current project specifications). The

agency report concludes that some or all of your expert nozzlemen have failed to qualify to install shotcrete on your project. Your nozzlemen are all ACI-certified and enjoy a good reputation as reliable craftsmen in your local market. You have examined photographs of the suspect cores attached to the agency report. There are indeed small voids visible near some of the bars, but in no way do they appear rejectable. The general contractor's cover letter includes a friendly reminder that your first shoot date is scheduled on the near horizon and closing fast. Running a second set of mockup panels will be costly in both time and money. It is a classic Karl Malden moment...what will you do?

Well, thanks to joint collaborative efforts among ASCC, The American Shotcrete Association (ASA), and several American Concrete Institute (ACI) committees, significant updates have recently been made to the codes, specifications, and guides that govern the structural shotcrete scope of work. One notable milestone was maneuvering shotcrete provisions out of the IBC code and into ACI 318-19 during the last code cycle. Another major achievement was the revision of ACI 506.4R-19, Guide for the Evaluation of Shotcrete, a comprehensive document aimed not only at the concrete contractor, but also intended to guide the design architect/engineer (A/E) in adequately identifying the scope of the shotcrete project and the associated effort required in testing and control.

The updated Guide presents to the A/E (LDP) three possible levels of increasing shotcrete application difficulty, and offers examples of testing and acceptance criteria associated with each level that could be specified in construction documents. An Application Difficulty Level 1 example is given in the Guide as an 8-inch thick concrete non-load-bearing wall reinforced with a single curtain of #4 bars at 12-inch spacing, each way. An Application Difficulty Level 2 example is given as a 12-inch thick load-bearing wall, reinforced with two curtains of #6 bars spaced at 8 inches each way, featuring frequent lap splices. And an Application Difficulty Level 3 example is given as a high-rise shear wall with highly congested double curtains of #11 bars.

In the hypothetical member predicament described above, the issue was that an outdated reference specification had been cited that required the testing agency to follow an obsolete core evaluation procedure that has often proved to be subjectively used with potentially unequitable results for the concrete contractor in terms of time and unnecessary cost. The updated ACI 506 documents effectively solved this problem by shifting the visual core evaluation scope away from the project inspector and into the hands of the experienced LDP. General core visual evaluation guidelines and illustrated reinforcing steel encasement details with suggested acceptance criteria are presented for use by the LDP in ACI Tech Note 506.6T-17; intended to be combined with engineering judgement to arrive at a reasonable evaluation of core quality based on the Difficulty Level and project-specific design intent. (Tech Note ACI 506.6T-17 is also included by reference in the updated ACI 506 Guides and Specifications). The ASCC member was able to convince the project LDP to acknowledge his specifications were indeed outdated. Using the ACI Tech Note criteria, the project LDP reviewed the cores, overruled the test agency and allowed the shotcrete work to proceed on schedule.

Further guidance to the LDP (and valuable information for ASCC members) appears in ACI 506.4R-19, section 10.3.3 as follows: "There is no standard that will cover every possible condition, as it is not possible to present an absolute set of values for allowable defects in a core or set of cores...In mockup panels with large-diameter reinforcing steel or close spacing of reinforcement or other significant obstructions, it should be expected that encapsulation of the reinforcing steel may not be perfect and that there may be some defects that do not materially affect the structural integrity of the concrete section...ACI 506.6T provides visual evaluation information that should be used as guidance in specifying acceptance criteria for acceptable defects and reinforcement encapsulation quality for a specific project".

Unfortunately, there seems to be a perpetual time lag effect that prevents even the best designers, specification writers, and test agencies from incorporating the latest codes, specifications and

guides into their work product. Based on ASCC hotline calls and review of the updated shotcrete documents prepared by ACI, we recommend the following:

- During the pre-bid phase, carefully study the structural drawings (especially any shotcrete general notes) and all Div. 3 specifications. Check Div. 1 specifications for any additional wall mockup requirements. Confirm that all reference documents are current (see list below).
- Depending on the type of Ownership, pre-bid RFIs (public works jobs) or bid proposal qualifications and exclusions (private jobs) should be submitted if the bid documents are not clear or complete. Insist that the structural shotcrete scope be inspected, tested and evaluated using guidance and acceptance criteria consistent with the current ACI and industry-standard reference documents.
- Remember to examine quality cores immediately after they have been extracted. Request the test agency include photographs of any cores in their field reports before the cores are submitted to the project LDP for review. Insist the chain of custody and protection of all quality cores be maintained until all nozzlemen have been qualified.

The most current industry codes, specifications and guides are:

- ACI 318-19: Building Code Requirements for Structural Concrete
- IBC (2021): International Building Code
- ACI 301-20: Specifications for Concrete Construction
- ACI 506R-16: Guide to Shotcrete
- ACI 506.2-13(18): Specification for Shotcrete
- ACI 506.4R-19: Guide for the Evaluation of Shotcrete
- ACI 506.6T-17 Tech Note: Visual Shotcrete Core Quality Evaluation





Cores rejected for minor voids (later overruled by LDP)

Core drilling through congested reinforcement zone

Concrete Polishing Council

ACI Polished Specification Hits the Pavement Scott Metzger, council director

It's finally here! In January, the American Concrete Institute (ACI) published the new ACI standard reference specification *ACI 310.1-20 Specification for Polished Concrete Slab Finishes*. This important document is the culmination of many years of work on the part of the Joint ACI-ASCC Committee 310 (Decorative Concrete) and the 310-OJ subcommittee. It is a truly groundbreaking document in that it provides the polished concrete industry with an industry standard specification created by the two most widely recognized authorities in concrete flooring. Now it is our job as ASCC/CPC members to learn the specification inside and out, and to begin to promote its use and recognition as the new tool to standardize quality control in the polished concrete industry.

One very critical inclusion in the specification is its requirement that polishing contractors bidding work using ACI 310.1-20 be prequalified. The prequalification requirement indicates that the contractor has at least one competent supervisor on the project who is certified as a Concrete Polishing Council (CPC) Craftsman. For those of you who have been waiting for the "right time" to have your crew members CPC certified, that time has come, and the ship is leaving port! The first step in achieving CPC Craftsman status is to become a CPC Tradesman. After reviewing the training materials and workbook, successfully passing a 50 question (multiple choice) exam will result in a Tradesman certificate. The exam takes two hours or less to complete. Once a Tradesman, one needs to have their employer verify 4,500 hours of on-the-job concrete polishing experience, and then a CPC Craftsman is born. Beyond meeting prequalifications for projects referencing ACI 310:1-20, having your crews CPC certified is an excellent way of separating your company from your competition and reinforcing respect for your team and your commitment towards furthering their education.

In the coming months you will be hearing more and more about ACI 310.1-20 from our organization. ASCC has been busy preparing for this spec, including providing tools referenced in the specification such as our Checklist for the Concrete Pre-Construction Conference and Checklist for the Polished Concrete Pre-Construction Conference, creating Position Statements on topics related to polished concrete (including protection), and drafting our upcoming guide for using the specification. Additionally, ASCC recently completed a PowerPoint slide deck that will soon be available to our contractor members to help promote understanding of the specification and its optional and mandatory checklist items in hopes of better ensuring that specifications result in the desired finished product.

This is a truly exciting time to be part of the polished concrete community, and ACI 310.1-20 is an important next step towards taking polished concrete from the "Wild West" into a new period of standardization and consistency. I look forward to taking this journey with all of you and thank everyone from ASCC/CPC who helped bring us to this point.

Decorative Concrete Council

Opportunity in a Volatile Market Chris Sullivan, decorative concrete specialist Have you been to a big box store or lumber yard lately? Price for lumber and wood products in general are sky rocketing. According to *Fortune Magazine* the price of construction grade lumber has increased by 188% since last year at this time. [1] Industry experts claim the increase is a result of record high demand from quarantine spending on homes versus vacations, and low supply from decades of forest deterioration from beetle kill in the Western U.S. and Canada [2].What is interesting is the concrete industry has weathered the pandemic with far less volatility, seeing a modest 3% increase in cement prices year for year [3].This rapid and dramatic increase in lumber has forced builders to increase prices, reduce starts, and look for other building material options. Considering the challenges the lumber industry is facing, this could be a boom for concrete. In recent conversations with distributors and builders, alternative options to wood are quickly gaining favor. Materials and systems such as ICFs and Fiberglass rebar are now equal to traditional wood or metal systems. If the trend continues these once higher priced products could be the low-cost option.

How is decorative concrete impacted? The first and most obvious place is residential hardscapes. The cost to build a deck has become so expensive that a decorative concrete patio is now in many places a lower cost option. Add in the known performance benefits of concrete vs. wood and stamped or exposed aggregate, concrete is looking good. Other places impacted might include hardwood flooring and wood paneling. Cement based toppings for both flooring and vertical work could see a new opportunity for market penetration forced by the increased cost of wood.

All indications point toward continued volatility and increased prices in the lumber market through at least the 2021 building season, with relief not coming until late '21 or early '22. One thing close to 25 years in the industry has taught me is do not get too comfortable, and strike when the opportunity presents, as things can change quickly. Of course, the opportunity for growth in decorative concrete is dependent on having capacity to grow and meet demand, which requires skilled labor and equipment, also hard to come by at this time. No easy answers, but better than a deep recession where opportunity is hard to come by.

[1] https://fortune.com/2021/03/20/lumber-prices-2021-chart-when-will-wood-shortage-end-price-oflumber-go-down-home-sales-cost-update-march/

[2] https://nebldgsupply.com/strong-demand-and-tight-supply-have-caused-lumber-prices-to-soar/

[3] https://www.statista.com/statistics/936142/change-in-us-cement-prices/

R&R

Jeff Eiswerth, DCC council director

Hopefully like many people, my family and I were recently able to take a spring break. It was some much-needed R&R and family time. I come from a large family. I'm the youngest of five children. For many years all my siblings and I lived within an hour of our parents. However, the oldest, the one my family and I are closest to, recently moved south. They now live on a beautiful lake just outside Atlanta.My family was able to visit; fish, take a few boat rides, lay in the sun and relax. It seemed to be just what we needed.

My family and I are travelers. COVID really affected this aspect of our lives, like everyone who enjoys travel. In March 2020, we had plans to go skiing, which were canceled. That was going to be myson's first ski trip, so the cancelation hit him hard. Although the good news, we all remained healthy. This year, instead we traveled south. The highlight for my son was that he caught the biggest and nicest fish.

It seems our new normal may be something more like never normal. So, my advice, if you have not already, schedule some time off. If you can and are comfortable, get away. If not, maybe go see some local attractions that you never go to. Do whatever it is you like to do; travel, hike, or read

a book. If you're anything like me, you may have the best intentions, but, if not scheduled it tends never to happen. The March 2021 edition of *The Voice* had a nice article from Chris Forster on this topic. I suggest you go back and read.

DCC/MAC March '21 Community Project Is Off the Deep End!

Thanks to Paul Albanelli, host (center), and all our great volunteers who installed an epoxy metallic coating over a filled-in pool at Life Remodeled, Detroit. Thanks to Danny Barrera, Concrete Marketing Crew (far left) for documenting the project via video and pictures.

Participants: Rick Lobdell, Rob Sousa, Brandon Meeks, Tonia Primavera, Meghan Hryniewicz, Jeff Wells, Danny Barrera, Carla Nickodemus, Paul Albanelli, Alberto Albanelli, Gino Albanelli

Product Donations: The Euclid Chemical Company, crack repair material; Ace Cutting Equipment, polishing and grinding equipment; The Euclid Chemical Company/Increte, epoxy material; Sherwin Williams, urethane top coat sealer.





Safety & Risk Management Council

Safety is Not Propietary Joe Whiteman, director of safety services

Trade secrets, industry connections and "secret sauce" all have their place and should be guarded well to help you maintain your edge. One of the areas where we should not play our cards close to our chest, however, is safety. Safety applies to everyone, in every facet and level within your organization, and out in the field. Safety should be considered an "open door" policy, shared, encouraged and discussed.

Sharing how we solve problems and challenges to safety helps broaden our awareness and commitment. As we share lessons learned, safety moments and near hits, it provides others the opportunity to learn from our experiences. By doing this, when a similar situation presents itself, we are better prepared and ready to head that exposure or risk off before it becomes a safety hazard. ASCC has always prided itself on having its members being the safest in the industry, and we encourage all of you to continue sharing and asking your fellow members for help. That's what we're here for.

Another way to provide opportunities to learn and expand safety awareness is by participating in ASCC's monthly safety roundtable. Each month is a focused on a different topic where members share experiences, challenges, and resources. It may be a topic that you or your company feel well versed in and choose not to attend. However, you may be the subject matter expert who can share that gold nugget that saves another member a potential injury or incident.

Another way safety knowledge can be shared is by participating in ASCC's safety mentor program. Are you charged with wearing the safety hat in your organization? Is there a particular area in safety where you or your safety professionals can use some expert advice? Perhaps its Workman's Compensation or Fall Protection? Or do you have experience in a certain area that you'd be willing to share with someone looking for help? Let us know and ASCC can help connect you to the right safety mentor to meet your need. As we share our safety knowledge it raises our awareness, reinforces our commitment, and helps create a safer environment that benefits everyone in our industry. For more information about the Safety Roundtables or the Safety Mentor program, contact me at jwhiteman@ascconline.org.

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Stop Taking Orders Concrete InFocus – Pave Ahead, Spring 2021 Edition Philip Kresge, Senior Vice President – Local Paving, National Ready Mixed Concrete Association

Do you want to sell more concrete? Stop taking orders!

Do I have your attention? Good.

Do you think I'm crazy? That's good, too!

I think back to my previous life, before concrete, when I was the General Manager/Service Manager for a Ford/Mercury dealership in my hometown. Because of my position, I had the opportunity to get to know some of the other dealers in the area. One owner was thought by many to be a bit of a maverick. I remember sitting with him at one of the regional sales meetings and he admitted that most people thought he was out in left field. I said, "Jerry, just remember most balls get hit out to left field."

In my 34 years in the concrete industry, I have noticed that our industry tends to have more ordertakers and less salespersons. In fact, I have had several concrete salesmen tell me that they feel more like firemen because they spend most of their time putting out fires for their customers. I've even had some tell me they have no time for promotion or sales development because of all their other responsibilities. I think that's a strange position for a salesperson to be in.

Jon Hansen and I recently completed presenting the thirty-ninth Concrete Parking Lots Boot Camp. This one was with NRMCA member Concrete Supply Co. The contractor in attendance was a multifaceted company, but predominantly an asphalt contractor/supplier. Believe me, it made for an interesting two days. And yet, I think it has the potential to be one of the more successful boot camps.

The attendees were mostly from the concrete division, but they brought with them a knowledge of the asphalt market that is often missing in our other camps. And they had a fresh approach to where they wanted to go. In particular, they are looking at developing markets in areas that they cannot service in asphalt. They're looking to build incremental business.

By definition, incremental business is the conversion that happens as a result of your marketing or promotional activity. One of the contractor representative's job title is Business Development Manager. Her responsibility is to find new markets, new opportunities to grow the business. More specifically, she is not a salesperson. Nor is she an order-taker.

In fact, if I look back at the most successful boot camps we've had, the common denominator I find is that someone within the organization is specifically charged with market/business development. That means they are looking for new opportunities. They're not satisfied with just the footers, floors and sidewalks. They're asking for the parking lot. They're suggestive selling concrete overlays. They're utilizing the tools available, like the Pave Ahead Design Assistance Program, to provide a service to their customers and offer options that the customer probably didn't know even existed.

Some years back, during my tenure as Executive Director of the Pennsylvania Concrete Promotion Council, I had reached out to a local concrete contractor to discuss partnering with him to pursue concrete parking lots for the numerous buildings that were being built in the area. His response was that he didn't want to include a price for a concrete parking lot because it would make his bid number higher than everyone else and he'd lose the job. At the time, I was speechless. I honestly

could not believe that someone's business plan could be so short-sighted.

Jon and I have also run into this at some boot camps. We ask the question, "Are you looking at existing business or incremental business?" The easiest way to increase your sales is to capture the incremental business. And to do that, you must be more than an order-taker.

One Boot Camp Survivor (as I like to call them) reports that since completing their boot camp, his company has promoted nearly 7 million square feet of concrete pavement and has placed over 5.5 million square feet to date. Another contractor reported that his annual production prior to boot camp was approximately 1 million square feet. His annual numbers now are over 3 million square feet. The difference is all concrete pavement, and it's all incremental.

There are plenty of opportunities out there. But perhaps the most lucrative is the warehouse/distribution center market. With the shift to e-commerce, there is a significant demand for additional warehouses/distribution/e-fulfillment centers. In fact, estimates are that the US will need an additional 1 billion square feet of warehouse space by 2025. The paving opportunity in square footage for each project could be conservatively equal to the square footage of the structure. In some cases, the pavement area could be even twice as large as the building footprint. And these buildings are typically several hundred thousand to over 1 million square feet.

The opportunities are out there for those who will ask for the business. Henry Ford said, "If you always do what you've always done, you'll always get what you've always got." If you can be satisfied to continue being an order-taker waiting for the phone to ring, then so be it. But if you want to sell more concrete, stop taking orders. Step out of your comfort zone and go after the incremental business opportunities that are waiting for you.

ACI Press Release

Cary S. Kopczynski Elected President of American Concrete Institute

The American Concrete Institute (ACI) announces its 2021-2022 president, vice president, and four board members. **Cary S. Kopczynski** has been elected to serve as president of the Institute for 2021-2022, **Antonio Nanni** has been elected ACI vice president for a two-year term, and ASCC member **Charles K. Nmai** is the Institute's senior vice president. Additionally, four members have been elected to serve on the ACI Board of Direction, each for three-year terms: **Michael C. Brown**, ASCC member **Anthony R. DeCarlo Jr.**, **John W. Gajda**, and **Kamal H. Khayat**.

Cary S. Kopczynski, FACI, is CEO and Senior Principal of Cary Kopczynski & Company (CKC), an award-winning structural engineering firm with offices in Seattle, WA, and Chicago, IL. CKC designs major urban buildings throughout the United States and beyond.

Anthony R. DeCarlo Jr. is the chief operations officer of ASCC member TWC Concrete LLC, a turnkey concrete contractor in Cincinnati, OH, USA. TWC Concrete is a subsidiary of Baker Construction Enterprises.

DeCarlo has worked in the concrete industry for more than 25 years—from installing concrete in the field to managing multimillion dollar concrete projects and running a commercial/industrial concrete contracting company. TWC Concrete mainly performs work in the Midwest United States, east of the Mississippi River.

Concrete Industry Management (CIM) Program Seeks Donations for 2021 Auction at World of Concrete

The Concrete Industry Management (CIM) program – a business intensive program that awards students with a four-year Bachelor of Science degree in Concrete Industry Management – is seeking donations for their 2021 CIM Auction to be held at World of Concrete. The auction is scheduled for Wednesday, June 9, 2021 at the Las Vegas Convention Center. The silent auction will be held from 11 a.m. to 1 p.m. and the live auction begins at 1 p.m.

"The proceeds from the 2021 CIM Auction will benefit the CIM National Steering Committee (NSC) and support the current CIM programs at Middle Tennessee State University, New Jersey Institute of Technology, Texas State University and California State University – Chico, the Executive MBA program, as well as help fund scholarships," said Ben Robuck, Chairman of the CIM Auction Committee. "Industry support is needed more than ever with the addition of South Dakota State University, who will be joining the CIM family of schools beginning fall 2021."



HOTLINE QUESTIONS



ASCC members have access to these toll -free numbers for assistance.

Support Our Associate Sustaining Members



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