

BE PRO
BE PROUD



YOUR FUTURE
BEGINS HERE

BE PRO BE PROUD **TENNESSEE**

CONCRETE

MAGAZINE



BEPROBEPROUDTN.ORG



**TCA Is Proud to be Part
of the Milestone**

See pages 8-9



YOUR
FUTURE
BEGINS
HERE

BE PRO
BE PROUD

BEPROBEPROUDTN.ORG

FORM-A-DRAIN®

FORM-A-DRY™

BASEMENT REPAIR SYSTEM



BASEMENTS CAN NEVER BE TOO DRY



\$25 REGISTRATION*
CODE A30

*Some restrictions apply.



SCAN ME

FASTER, BETTER, SMARTER BUILDING SOLUTIONS

30 YEAR DRY BASEMENT GUARANTEE



FORM-A-DRAIN PLUS
A Better Approach to Foundations



Platon



FORM-A-DRY™



CERTAFORM™ ULTRAFLEX

Westlake
Royal Building Products™

FormADrainSolutions.com
713.325.0642

TENNESSEE CONCRETE magazine is published for the Tennessee Concrete Association—

3026 Owen Drive, Suite 101
Antioch, TN 37013
Phone: 615.360.7393
Fax: 615.360.6670
Website: www.tnconcrete.org

Publisher:

Kahoy Group, LLC

Editor:

Alan Sparkman

Advertising Director:

J. Morris Woods

Art Direction:

Donna G. Heninger

For advertising rates and information, contact Morris at 800.315.9950 x602.

Subscriptions in US, free upon request. Outside US, \$12 per year. To subscribe, contact TCA at the above address.

Articles appearing in Tennessee Concrete are frequently contributed by outside, independent sources. Conclusions drawn from these articles may be at variance with the opinions of our readers.

Tennessee Concrete welcomes response and rebuttal and will make every effort to print these responses. Send comments to: Editor, Tennessee Concrete, 3026 Owen Drive, Suite 101, Antioch, TN 37013.

Tennessee Concrete and its publishers assume no liability for errors or omissions in articles or advertisements appearing in Tennessee Concrete.

© 2023 Kahoy Group, LLC

All rights reserved. The contents of this publication may not be reproduced by any means, in whole or in part, without the prior written consent of the publisher.



contents

WINTER 2023, VOL. 37, NO. 3

4

PRESIDENT

LOOKING BACK
by Shelley Parham



6

EXECUTIVE DIRECTOR

IT'S WORTH REPEATING
by Alan Sparkman



8

BE PRO BE PROUD TENNESSEE

TCA IS PROUD TO BE PART OF THE MILESTONE
with explanation of cover photo



10

INTRODUCING NEW WEBSITE

HAVE YOU UPDATED YOUR MEMBER COMPASS?
TNConcrete.org, powered by NOVI



12

TECHNICAL DIRECTOR

STANDARD INITIAL CURING:
AVOIDING A BREAK IN THE CHAIN
by John B. Pearson, P.E.



14

CIM UPDATE

- Semester Kickoff and Enrollment
- Student Travel and Competitions
- CIM Patrons



Shelley Parham
2023 TCA President

LOOKING BACK

Submit your
design award
entry!
Let's showcase
the "Best of the
Best"
TCA Annual
Convention
February 7-8,
2024

MEMBERS
SUPPORTING
MEMBERS

As we approach the holiday season it is an appropriate time to reflect on the past year, as we look forward to a new one. When I look back at what TCA has accomplished in 2023, I am very pleased to have been a part of the progress we made. Two big items stand out: **BE PRO BE PROUD TENNESSEE** and *Skate4Concrete*.

Our Tennessee Be Pro truck and trailer is rolling on our Tennessee highways and making stops across the state. As of this writing, over 3,000 high school students (and many adults) have toured the trailer and been introduced to the great opportunities for careers that exist in construction and related industries. You can find a list of upcoming tour stops for the trailer at www.beprobeproudtn.org and I encourage you to check in periodically to see if the truck will be visiting schools in your area.

Most schools are open to having local business participation while the truck is at their school so you could take a truck or other equipment from your business to be on display while the students are touring the Be Pro trailer. This is a great way to support your local schools and get exposure specifically for your business to this most important audience of future employees and customers. If you are interested in this kind of opportunity, please reach out to Alan or Joseph at the TCA office for assistance.

Another great way to build relationships with high schools in your area is to introduce them to *Skate4Concrete*. This is a curriculum designed to teach high school students the basics of concrete and concrete construction, using skate parks as an example. Much of the curriculum is an age-appropriate Concrete 101 class so this is excellent exposure for our industry, and it is laser-focused on concrete. So far, we have 20 classes that have

signed up to offer this curriculum stretching from Kingsport all the way to Memphis. TCA is actively recruiting more schools to participate in the program. If you have relationships at any of your local schools, please encourage them to offer this program to their students. The course takes about 20 hours of classroom time and can fit into any STEM class — the class does not have to be construction-focused.

TCA is connecting schools that offer *Skate4Concrete* with local TCA members. Members willing to support students may provide services like guest lecturers and plant tours. Moreover, bringing trucks and equipment to local schools may help students get a better idea of what our industry does. If you would be willing to serve as a local sponsor for a school in your area, please reach out to TCA representative Joseph McDaniel at jmcdaniel@tnconcrete.org.

Finally, let me encourage you to *get your design award entries turned in!* Entering great concrete projects that you and your customers have completed in the last year is a great way for both of you to earn well-deserved recognition. Plus, it allows our industry to showcase the “best of the best.” Please, do not let this opportunity pass you by!

Lastly, mark your calendars to attend the TCA Annual Convention on February 7 and 8, 2024. Both days will include great speakers, seminars and more. So, mark your calendar and plan to be with us in Franklin, Tennessee. We have just confirmed that the **BE PRO BE PROUD TENNESSEE** truck will be set up for us to tour on Wednesday, February 7! Don't miss this first-hand opportunity to experience the truck!

— *Shelley Parham*

imi

irvmat.com



**SAFELY DELIVERING
HIGH QUALITY CONCRETE**



Alan Sparkman
Executive Director

Pick your best projects of the year and submit to the 2024 Concrete Design Awards

Coming 2024—

1. TCA is offering the complete series of classes for the Certified Concrete Sales Professional.
2. TCA is hosting our Annual Convention February 7–8
3. TCA is launching a more powerful version of TNConcrete.org at www.tnconcrete.org
4. TCA is launching the Institute for Concrete Leadership



IT'S WORTH REPEATING!

Hard to believe that another year is almost over! As the old saying goes: Time flies when you are having fun! And, I would include this: Time flies when you are busy!

2023 has been another very busy year for the concrete industry of Tennessee. The final production numbers won't be in for another few months, however, there is a good chance we will set another concrete production record for our state, as we close out 2023. That would be four years in a row that we have set new production records. So, it is no wonder you are busy.

As you look back on 2023, I encourage you to pick your best projects of the year and submit them for our 2024 Concrete Design Awards. It is truly an honor to have your projects recognized as being one of the best in Tennessee. Plus, it is a great way to say thank you to your customers and construction partners. We need to recognize great work, so don't let your great work go unnoticed. Get your projects submitted today!

TCA President Shelley Parham recapped the successful launch of **BE PRO BE PROUD TENNESSEE** and *Skate4Concrete*. We are excited about both programs and look forward to even greater impact from both programs in 2024. As we look ahead to 2024, here are more things coming from TCA to help your organization move confidently into the new year.

TCA will once again offer the complete series of Certified Concrete Sales Professional classes at our office near Nashville. If you are looking for an excellent way to train new people or to help your folks build their skills and expertise you should send them to this course. Registration is open now, with the first class (Module One or Concrete 101) beginning on January 16.

In February, TCA will host our Annual Convention that will offer two full days of learning, training and networking. Mark your calendar for February 7 and 8, and plan to be with us for both

days this year. Our program is being finalized but here are some highlights:

WEDNESDAY, FEBRUARY 7

- Private tour for TCA members of the Tennessee **BE PRO BE PROUD** truck and trailer!
- Learn about Artificial Intelligence and how you can use it for the benefit of your organization
- Check out TCA's new Reverse Trade Show!
- Hear from high school classes from across the state as they present their final projects from Skate4Concrete (and maybe even help us select the winners!)
- Attend TCA's Eats and Drinks networking event at the Cool Springs Marriott

THURSDAY, FEBRUARY 8

- Attend TCA's Annual Membership meeting
- Hear great speakers, including an update on the CIM program
- Attend the Annual Concrete Design Awards luncheon (and maybe accept your award!)
- Plug in to an in-depth and informative afternoon of important concrete topics

You can book your rooms now by going here: <https://www.marriott.com/event-reservations/reservation-link.mi?id=1680639281837&key=GRP&app=resvlink>

THE ROOM BLOCK CLOSES JANUARY 17, SO DON'T PROCRASTINATE!

Registration for the 2024 Annual Convention will be open soon and that leads me to another exciting development that TCA will be introducing in December of 2023 — a new and more powerful version of TNConcrete.org at www.tnconcrete.org, powered by Novi.

Novi is a provider of Association Management Software (AMS) systems — in many ways similar to your dispatch software. For TCA, this is where the work gets done and where all of our data and transactions reside. Much work goes into making this kind of digital move. We are excited to bring new capabilities to our members that will make it easier for you, and us, to interact with TCA.

Also new for 2024 is a program from TCA designed to help our members invest in the future of your talented employees. TCA is launching the Institute for Concrete Leadership, and the first cohort is forming now. The program is a year-long series of meetings (both in-person and virtual), events, and projects designed to equip individuals with strong leadership skills specific to our industry. The cohort is limited to 20 individuals, and no company can put in more than two people per cohort. The first in-person meeting for the ICL cohort will be at TCA's 2024 Annual Convention in February. The cohort will also meet in-person at TCA's Tri-State Summer Meeting and the Fall Board Retreat. Official registration will open soon at www.tnconcrete.org. If you would like to reserve a spot(s) for your company, please contact Alan directly at asparkman@tnconcrete.org.

Looking forward to seeing you in person at our 2024 Annual Convention!

— Alan Sparkman



Commitment
is in everything we do


At Lafarge, our commitment goes far beyond the raw materials we produce. We bring together the best solutions and materials to build more durable, compact and connected cities. And when you build better cities you get buildings, roads and infrastructure that truly reflect the changing needs of today's communities.

It's this kind of ongoing dedication that's an integral part of the Lafarge culture. And it shows. Whether it's our focus on safety, the well-being of our employees, or the satisfaction of our customers – it's all about ensuring a better quality of life for everyone involved.

To learn more about Lafarge solutions and products, including cement, concrete and aggregates, contact:

Heath Rogers, Middle Tennessee
Christopher.Rogers@Holcim.com
www.Holcim.US

Benoit Cotnoir, Area Sales Manager
Benoit.Cotnoir@Holcim.com
www.Holcim.US



Vulcan Materials Company

Outstanding Quality & Customer Service



Crushed Stone

Kingsport
(423) 245-4136

Knoxville
(865) 577-2511

Chattanooga
(423) 510-2600

Nashville
(615) 361-8550

Jackson
(731) 668-7357

TCA Is Proud to be Part of the Milestone



Joseph McDaniel teaching Skate4Concrete



Be Pro at Antioch high school



Joseph and CRHS Students at CIM



Joseph and CRHS Students at CIM

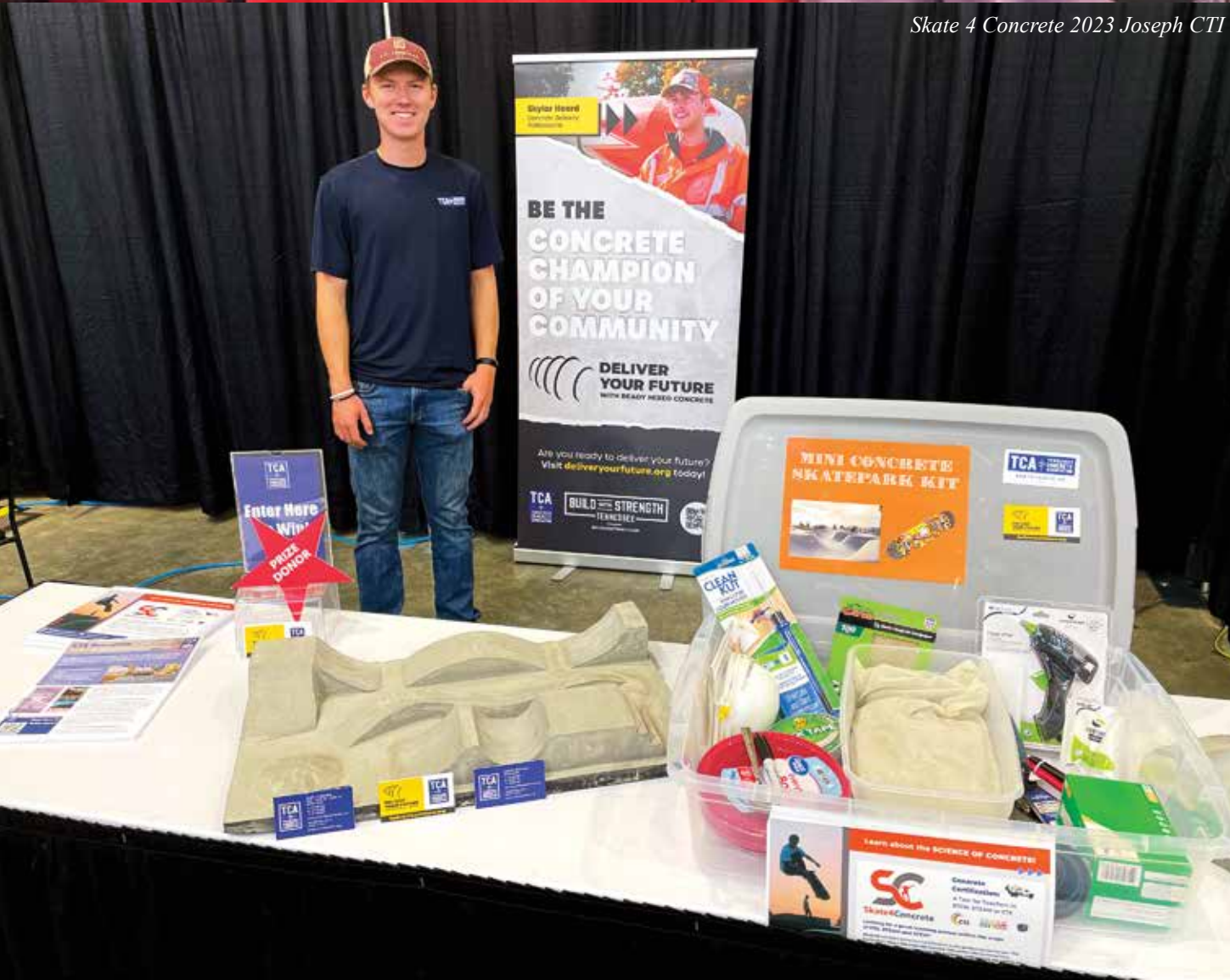
TCA is proud to be part of the milestone Be Pro Be Proud Tennessee (BPBP) initiative. BPBP officially launched in the fall of 2023 with a gala kick-off event in Gallatin, Tennessee. BPBP is on the road across Tennessee bringing the message about the exciting career opportunities in construction to the next generation of employees, owners, and customers. The BPBP trailer has already hosted over 3,000 students, in the first few weeks of operation, and will reach thousands more next year. TCA is a member of the Founding Council for BPBP Tennessee. Jointly, we are sponsoring the very popular truck driving simulator, along with the Tennessee Trucking Association. Students have a chance to experience what it is like to operate a commercial truck. The simulator includes scenarios for ready mix concrete trucks. Check out the great graphic of a patriotic concrete truck just to the right of our TCA logo!

Another 2023 milestone, TCA introduced a concrete-focused high school curriculum to Tennessee called *Skate4Concrete*. This 20-hour curriculum is appropriate for any STEM class, e.g., math, science or geology, meaning the program is not limited to construction-focused classes. Students receive a great introduction to concrete and the materials used to produce it. In addition, students gain an introduction to basic aggregate science and concrete mix design. The program uses skateparks as an interesting example of how concrete shapes our everyday world, and uses skateparks to demonstrate the incredible versatility of concrete as a construction material. TCA staffer Joseph McDaniel is working in the classroom at TCA's partner school Cane Ridge High School in Antioch, Tennessee, to bring a concrete message to the next generation.



Be Pro Antioch HS 2023

Skate 4 Concrete 2023 Joseph CTI



✓ HAVE YOU UPDATED YOUR MEMBER COMPASS?

Join Login Contact Us



About Join Member Compass Pro Resources Certifications Workforce Events
novi CMS Review

Welcome to the New TCA Website

📅 September 28, 2023

Welcome to our new website! We have a brand new look and updated technology in an effort to better serve all our members. We hope that you'll enjoy it as much as we do.

In order to get the most out of your member experience, you will need to create a new login. Your previous username and password will not work on the new website. Please follow the steps below to get logged in.

With your new login, you will be able to:

- Register for events
- Update your profile information
- Track event attendance
- View/Pay invoices
- ...and more!

Categories

- 🗣️ Community
- 👤 Concrete Pros
- 🏠 Homeowners
- 📁 Industry
- ✉️ Industry News
- 👥 Member News
- 🎧 Podcast
- 🔍 Research
- 🔧 Technical Information

Most Recent Posts

WHAT'S NEW AT WWW.TNCONCRETE.ORG

POWERED BY NOVI

The new www.tnconcrete.org website, powered by Novi, will still contain all the resources from our previous website, along with some significant improvements.

IMPORTANT CHANGES

One very important change will be event registrations from the TCA event calendar. Events, like certification sessions, will be posted to the event calendar. As dates are confirmed, you can search to see all of the active dates for individual certification sessions.

LAUNCH DATE

We expect to launch the revised site sometime in December 2023. Once launched, all of our members will be able to register for the 2024 Convention and for the full slate of 2024 ACI certifications.

EVENT REGISTRATION



- Event registrations from the TCA event calendar
- Events, like certification sessions, will be posted to the event calendar
- When dates are confirmed, search to see all of active dates for individual certification sessions

AVAILABLE SEATING



- See how many seats remain for each session

MEMBER COMPASS ACCOUNT



- Create a Member Compass account that allows you see all your events and invoices

UPDATE YOUR OWN RECORD



- Update your own record with address changes, phone numbers, and more

Placing Pervious Concrete

Pervious Concrete Allows Rainwater to seep into the ground. It is instrumental in recharging groundwater and reducing storm water runoff.



**Pervious is a Special Mix...
It Requires Special Tools to Place It**

WILDCAT ROLLER SCREED



Wildcat Roller Screed \$2195
Roller Tubes \$30 per ft
End Plugs \$290 Weight \$200



GROOVING ROLLER

PCRG
\$790



CROSS COMPACTION ROLLER

PCR
\$600

COMPLETE PERVIOUS PACKAGE

"The Wildcat Screed has become my preferred placement method because of it's lightweight, easy to use, and produces a great finish."

Sarah Egan
TN Concrete Association
NRMCA Certified Pervious Concrete
Installer

The Wildcat Roller Screed is the easiest to use on the market and the most economical. It is also an ideal tool for concrete sidewalks, walking trails and golf cart paths.

We welcome comparison to any other brands.

For More Info Call Toll Free 877-220-6652

www.multivibe.com



STANDARD INITIAL CURING:

Standard initial curing of concrete acceptance cylinders has been a troubling issue on construction projects for decades. Although the ACI 318 code and the ASTM C31 test method set the expectations concerning the initial curing environment, neither document assigns the roles and responsibilities for this task. Assignments must be provided in the project specifications and contract documents. It is crucial that these responsibilities be clearly defined and ideally that they be assigned to the entity or entities that can most effectively and efficiently maintain proper curing conditions for the given project. Contrary to popular opinion this may or may not be the Testing Agency. Each project is unique, and a one-size-fits-all approach to initial curing responsibility would, in my opinion, be a mistake.

For this article let's assume that the initial curing responsibilities are defined by the Architect/Engineer by incorporating ACI 301 *Standard Specification for Concrete Construction* into the construction specification and into the Contractor's contract with the Owner and incorporating ACI 311.6 *Specification for Testing Ready-Mixed Concrete* into the Testing Agency contract with the Owner. If no exceptions are taken and no optional requirements are invoked the default responsibilities for initial curing seem to be as follows based on my review of ACI 301-20 and ACI 311.6-18:

THE CONTRACTOR

The contractor is required to provide a secure location and sources of water and electrical power on the project site *acceptable to the Owner's Testing Agency* for the initial curing of concrete strength specimens as required by ASTM C31.

THE OWNER OR OWNER'S REPRESENTATIVE

The owner or owner's representative, unless otherwise specified, is to provide and maintain adequate facilities on the project site for initial storage and curing of the concrete specimens.

THE TESTING AGENCY

The testing agency is required to store the specimens in conditions that meet the requirements of ASTM C31 and use calibrated temperature devices to record maximum and minimum temperatures. The storage is required have temperature controls to maintain temperature requirements.

ACI 301 and ACI 311.6 do provide optional requirements that can be specified by the Architect/Engineer that would alternately require the Contractor to provide and maintain the storage facility for initial curing and have the Testing Agency only be responsible for verification of the facilities and temperatures.

The default requirements seem like a reasonable distribution of responsibility between the three main parties involved; however, I have rarely been involved on projects where the Owner provides and maintains the curing facility. More often when a curing facility is required the responsibility will be placed on the Testing Agency or on the Contractor. On large projects either party might be well suited to take on this task. When the Testing Agency is required by contract to have an on-site laboratory they would almost certainly be tasked with this responsibility. Smaller projects can be more problematic. On these small projects where the Testing Agency duties are on a part-time or on-call basis, if a curing facility is not being provided by others the Testing Agency will often take exception to initial curing duties in their proposal and contract. The Contractor is not going to provide these additional services without a change order, so if the Testing Agency exception is allowed and not otherwise addressed, initial curing conditions may go unchecked until a low-break issue arises on the project.

One question that I believe needs to be considered before assigning initial curing responsibilities in the specifications/contracts is to determine who will truly have physical possession or control of the samples during the initial curing phase. In my opinion, the entity that will truly have physical control of the test samples during the initial cure would be the best suited to provide the initial curing environment for the test specimens. To help make my case let's consider the chain of custody (COC) process that is commonly used to control evidence in a criminal investigation. The COC process is used to track an asset throughout its lifecycle by documenting each person/organization that has control of the item. Only one person/entity can have true control of an item at any given time and while that person/entity has control of the item, maintaining the integrity of the item and any required environmental controls would be their responsibility. A breach in environmental controls or a break in custody could render the item unusable for the criminal investigation.

Now let's imagine that a similar chain of custody process was applied to the concrete delivered to a project. When the concrete

AVOIDING A BREAK IN THE CHAIN

is batched a COC would be initiated and given to the driver who would relinquish custody to the contractor when the contractor accepts delivery of the concrete. The contractor now has custody of the concrete and is responsible for making sure it is placed and cured correctly in the structure. When the contractor turns the structure over to the owner custody of that concrete is then transferred from the contractor to the owner. This is very similar to what occurs on most projects, but instead of a COC a concrete batch ticket serves as the transfer document.

Another COC path involves the transfer of custody of the sub-sample of concrete to be used by the Testing Agency for acceptance testing. The concrete testing technician would take custody of the test sample that is taken from the delivery vehicle; after performing testing on the sample the technician would cast cylinders and place them in the initial curing environment along with a max-min thermometer. If there is an on-site lab that is controlled by the Testing Agency it would make sense that sample control and the COC would remain with the testing lab through the initial cure, transport, final curing, and compression testing. In this instance the testing lab has true control (custody) of the concrete sample and test specimens and should therefore be best suited to maintain appropriate environmental conditions (both initial and final curing) of the test cylinders.

On the other hand, on projects where there is not an on-site laboratory and when the Testing Agency is working on a part-time or on-call basis, things get a little murky. Since the test cylinders were made by the Testing Agency one might logically think that they should maintain custody of the sample until its lifecycle is over. However, an on-call Testing Agency rarely has the level of site access or the control to ensure sample security once the testing laboratory personnel have left the site; therefore, it could be argued that they do not have true control over the samples during that time-period. If this were a criminal investigation a breach in custody has occurred. Even if the Testing Agency has implemented measures to help control the initial curing environment, they are not truly in physical control of the samples. To avoid a breach in the COC, custody would need to be relinquished to an entity able to take measures to maintain physical control of the samples in the Testing Agency's absence, which in this case would most likely be the Contractor.

In this second scenario it might be more prudent for the Architect/Engineer in charge of the specification/contract require the Contractor to maintain the initial curing environment instead of the Testing Agency. The Contractor may have the ability to

take measures not as readily available to the Testing Agency to maintain physical and environmental control over the samples which remain on the project site. The Testing Agency may still be required to leave a max-min thermometer to monitor the curing environment for the owner, but maintaining the temperature and protecting the sample would now be the responsibility of the Contractor. In this example custody would be transferred back to the Testing Agency prior to the specimens being transported to the lab for final curing and testing. It might not be impossible for the Testing Agency to take measures to maintain control of the specimens and environment while not on site, but these measures would likely not be as reliable or as cost effective for the project, and for the Testing Agency, possibly more risk than they are willing to accept contractually.

Looking at project specifics in this way during the specification/contract development phases could help avoid initial curing issues, low breaks, finger-pointing, and project delays down the road. It could also lead to a more cost-efficient project, because the entity that truly has physical control of the sample should be able to implement the most cost-effective means to ensure initial curing conditions are maintained. Two questions should be asked by the Architect/Engineer in charge of the specification/contract development:

1. Is the entity that is responsible for control of initial curing conditions clearly stated in the specification/contract documents in a way that will be understood by all?
2. Considering the specifics of the project, will the entity or entities selected to provide initial curing conditions have the authority and access at the project site to be able to maintain control of the test cylinders during the initial curing phase?

If the answer to the second question is "No" then the entity responsible for the initial curing conditions discussed in the first question is likely not a good choice. You may not agree with my rationale on who should be tasked with initial curing responsibility on a given project, but hopefully we can agree that the decision is an important one worthy of thoughtful consideration. ■

SEMESTER KICKOFF AND ENROLLMENT

The new school year kicked off in a big way for MTSU's CIM program. On August 25, the MTSU CIM Patrons hosted their annual scholarship luncheon to welcome more than fifty first-year students and scholarship recipients. The luncheon offered the chance for students and families to take a break from moving into dorms on the Friday before the start of the semester. Between the CIM Patrons, the CIM National Steering Committee and more than twenty named scholarships the CIM program awarded close to \$135,000 for this academic year. In addition to the record number and dollar amount of scholarships awarded, the program enrollment increased to 161 students, which is an 18.6 percent increase over the fall of 2022. This increase in enrollment is a result of the arduous work of Sally Vicory who has been keeping the road hot recruiting for the program at high schools and college fairs throughout the south. The ACI student club even joined in the marketing and recruiting effort by entering a float to accompany the mixer trucks and equipment in this year's MTSU homecoming parade.



CIM students gathered for a group picture following this year's scholarship luncheon



CIM float created by the ACI student club for this year's homecoming parade

STUDENT TRAVEL AND COMPETITIONS

CIM students have had great opportunities for travel and networking this semester. NRMCA's ConcreteWorks returned to Nashville in September and, while the conference is always a treat for students, it is even better when it is so close to home allowing for more student participation. At the conference, eight students had the honor of helping judge this year's National Mixer

Driver Championship and learned firsthand of the issues facing the industry through keynote speakers, seminars, and economic outlook presentations.

In October, eight members of the ACI student club attended the ACI International convention in Boston, Massachusetts. This semester's group picked up the gauntlet left by last year's concrete bowling ball team and entered the ACI FRP (fiber-reinforced polymer) competition. The team spent two months working on optimized mix design, material cost reduction scenarios, and overall concrete beam design to prepare this year's beam. The team ended up taking fifth place for their concrete mix cost optimization and tenth place in strength out of the more than fifty teams from around the world.



ACI Student Competition Team in Boston, MA Front Row-Arie Milam, Carlie Mullins, Ashlyne Roeger, Claire Mullins Back Row-Joe Bell, Brian Eayrs, Kyle West, Caleb Perkins

Rounding out student travel for the semester, five CIM concrete contracting students competed in November at the Associated Schools of Construction Concrete Competition in Atlanta, Georgia. The team has been preparing all semester with the guidance of CIM Assistant Professor Kevin Overall and Project Manager of Lithko Contracting Brandon Tuskey. The competition team is presented with a concrete contracting problem statement, and they must work to present a solution over a two-week period. We are eagerly awaiting results and are proud of the effort put forth by this year's team.

CIM PATRONS

With an increase in student enrollment comes a need for increased financial support for student travel and scholarships and the MTSU CIM Patrons have answered the call. The CIM Patrons' fall trap shoot fundraiser outgrew its previous location, and this prompted moving this year's event to the Nashville Gun Club. The move allows the CIM Patrons to host up to fifty teams, as opposed to twenty teams in years past. Next year's trap shoot fundraiser has already been set for October 18, 2024. So, mark your calendars for that major event, as well as, the upcoming CIM Jim Speakman Golf Tournament Fundraiser on May 1, 2023.

Info Link

WINTER 2023 VOL. 37, NO. 3

Blalock Ready Mix	15
Durafiber, Inc.....	15
imi	5
Lafarge-Holcim.....	7
Ready Mix USA	15
Sicalco, LTD.....	15
Southern Concrete.....	15
Vulcan Material	7
Westlake Form-A-Drain	2

SICALCO, LTD is your concrete industry partner for the 2014 Turning Point in Tennessee Concrete as it has been since 1979



Contact our service center @ 800-435-1919 or general offices at 630-371-2655 for customer service



READY MIX USA

We gladly service areas in Alabama, Florida, Georgia, and Tennessee.

www.readymixusa.com

EAST TENNESSEE REGION

2209 W Blount Ave • Knoxville, TN 37920
(865) 573-4501



— 1225 Parkway —
Sevierville, TN 37862

DENNIE UNDERWOOD

(865) 453-4433 (phone)

(865) 428-6083 (fax)

(865) 654-2912



"Serving the South Since 1943"

www.southernconcrete.com

Corporate Office: (731) 968-2537
P.O. Box 1090 • Lexington, TN 38351



Radio Dispatched GPS Trucks
for Fast, Dependable Service



- Bolivar (731) 658-6105
- Dyer (731) 692-3462
- Humboldt (731) 784-5696
- Henderson (731) 989-9723
- Jackson (731) 422-3358
- Lexington (731) 968-2537
- Milan (731) 686-2288
- Paris (731) 642-6672
- Union City (731) 885-7060

"Building the South with top quality ready mix concrete & masonry products at a reasonable price."

We're
reinforcing
our reputation
one job
at a time!

Durafiber™ inc.

4825 Trousdale Drive, Suite 205 • Nashville, TN 37220
(615) 333-9882 Fax

(615) 333-9883



Tennessee Concrete Association

3026 Owen Drive
Antioch, TN 37013