



OHIO CONCRETE CONNECTION

VOLUME 41 • ISSUE 1
WINTER 2021

Keeping You Connected to the Concrete Construction Industry

2020 PROJECT OF THE YEAR AWARDS

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Webinar & PAC Auction

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CONBLOCK SH

LISTED ON OHIO DOT QPL

ConSeal's penetrating reactive sealer passes skid test

ConBlock SH protects Ohio concrete infrastructure from damage by common roadway chemicals, such as deicing chemicals. ConBlock SH meets Ohio DOT testing requirements, including the ASTM E274 skid test and:

- ASTM C672
- ASTM C642
- AASHTO T259 (Modified for Ohio)

ConSeal is ready to help you protect Ohio's roadways with locally manufactured products. The ConBlock product line includes surface hardeners, penetrating sealers and admixtures.

ConBlock SH is available in:

- 5-gallon pails
- 50-gallon drums
- 264-gallon totes



Without ConBlock SH



With ConBlock SH

For over 50 years, ConSeal has locally manufactured concrete joint sealants, waterstops, waterproof coatings, concrete sealers and specialty admixtures. ConBlock line includes surface hardeners, penetrating sealers and admixtures.

Call (800) 332-7325 for a quote or
visit **ConBlock.com** to learn more.



CONSEAL
CONCRETE SEALANTS INC.

Don't Just Seal It. ConSeal It!



PUBLISHED FOR

Ohio Concrete

2600 Corporate Exchange Drive, Suite #165
Columbus, OH 43231

p. 614-891-0210

f. 614-891-2675

ohioconcrete.org

Ohio Concrete's statement of purpose is to provide instrumentality through which all members may coordinate their efforts in handling problems of common concern. To protect and advance the interests of the concrete construction industry. To perform such acts and services for the members as may be more satisfactorily performed by a group rather than by individual action. To promote and encourage the use, consumption and quality of the concrete construction industry's products.



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ADVERTISERS

- BC Boral CM Services
- IFC Concrete Sealants Inc.

MEMBER NEWS

WELCOME NEW MEMBERS



ASSOCIATE MEMBERS

Mannik & Smith Group

1800 Indian Wood Circle
Maumee, OH 43537
Phone: 419-891-2222
Fax: 419-891-1595

*Construction Engineering, Inspection and Materials testing
for Federal, State and Local Municipalities*

Aric Bennet, Principal/Vice President of
Transportation Construction Services
Scott Quesenberry, Principal/Vice President of
Construction Services
Brett Hager, Construction Engineer
bhager@manniksmithgroup.com



2021 BOARD OFFICERS

Chairman of the Board

Fred Poeppelman, Pepcon
(Bradford, OH)

Chair Elect

David Renner, Orrville Trucking & Grading
(Orrville, OH)

Vice Chair

Rob Wilson, RW Sidley, Inc.
(Painesville, OH)

Secretary/Treasurer

Kevin Campany, RW Sidley, Inc.
(Painesville, OH)

OHIO CONCRETE BOARD OF DIRECTORS

2021

Ed Griffith, Cleveland
Dustin Miller, Medina
Stan Radabaugh, Maumee

2022

Mike Carr, Bedford
Dan Hunt, Reynoldsburg
Rusty Maglionico, Cleveland
Mike McClelland, Zanesville
Larry Papenfuss, Maumee

2023

John Sarrouh, Cleveland
Brock Mealer, Bryan
Jeff Thompson, Columbus

DATES TO REMEMBER

JANUARY 21, 2021
WINTER EDUCATIONAL WEBINAR
ONLINE

JANUARY 21, 2021
OHIO CONCRETE PAC AUCTION
ONLINE

AUGUST 9, 2021
OHIO CONCRETE GOLF OUTING
MEDALLION CLUB, WESTERVILLE, OH

DECEMBER 9-10, 2021
OHIO CONCRETE ANNUAL MEETING
HILTON AT EASTON, COLUMBUS, OH



Introducing Joe Vogel, P.E., Ohio Concrete Southwest Promotion Director




Joe Vogel, P.E.,
Southwest Promotion Director
21181 Greenhill Court
Lawrenceburg, IN 47025
Phone: 513-675-5621
joe@ohioconcrete.org

Ohio Concrete welcomed Joe Vogel, P.E. as new Southwest Promotion Director this past fall. Joe comes to Ohio Concrete after an extensive career as a civil/structural engineer, primarily working in the transportation field. He worked in the public sector for both the City of Cincinnati and for the Ohio Department of Transportation, retiring from ODOT in late 2013.

Joe was the Planning and Engineering Administrator at ODOT District 8 in Lebanon, Ohio during his ODOT tenure. He was most recently the Director of Transportation and Engineering for the City of Cincinnati until June 2019. He has worked in the private sector as a consultant for several years, again serving the transportation field. For his most recent tenure, he was the Market Leader and office lead for WSP USA, Inc. in their Cincinnati office.

Joe has worked on some of the biggest projects in the Cincinnati region, including the Brent Spence Bridge, the Eastern Corridor, the Western Hills Viaduct, Fort Washington Way, and the Waldvogel Viaduct; and many smaller projects, including the Kennedy Connector, the Ohio River Trail, and most major thoroughfares in the City.

Joe is a registered Professional Engineer in Ohio, Kentucky, and Indiana. He and his wife, Kim, reside in Hidden Valley, IN, just across the state line from Ohio. They have six children and seven grandchildren.

Joe is a welcome addition to the Ohio Concrete team and is sure to be a great asset to the Association and in the promotion of concrete in Southwest, OH. 



2020 PROJECT OF THE YEAR AWARDS

The Ohio Concrete Project Awards Program is designed to recognize and honor designers who have made the investment to select concrete pavement for their project. Ohio Concrete members are encouraged to submit projects for consideration that exhibit the high value and benefits that concrete pavement offers its owners. Congratulations to all those involved in the winning projects selected for the 2020 Project of the Year Awards. 

Congratulations!



Central/SE Ohio Region Award

Roadmaster Drivers School

Location: Columbus, OH

Ready Mix Producer: Anderson Concrete Corp.

Contractor: Arledge Construction, Inc.

Year Constructed: 2020

Size/Volume/Area: 5,572 cy, 12.29 acres

Designer: Land Consultants

Northeast, OH Region Award

ODOT I-271 Cuyahoga/Summit County

Location: I-271 on the East side of Cleveland in Cuyahoga/Summit Counties

Ready Mix Producer/Contractor: Kokosing Construction Company, Inc.

Year Constructed: 2016-2020

Size/Volume/Area: 230,600 cy

Designer: DLZ Ohio, Inc.



Northwest, OH Region Award

Cedar Point Entrance

Location: Sandusky, OH

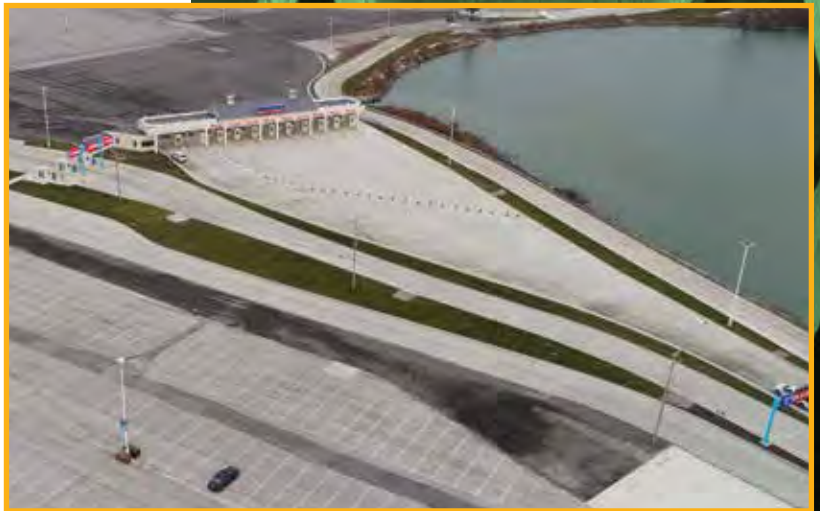
Ready Mix Producer: Wm. Dauch Concrete, Inc.

Contractor: Smith Paving

Year Constructed: 2020

Size/Volume/Area: 4,250 cy

Designer: John Hancock and Associates



Southwest, OH Region Award

Cobblestone Hotel & Suites

Location: Urbana, OH

Ready Mix Producer: Bryce Hill, Inc.

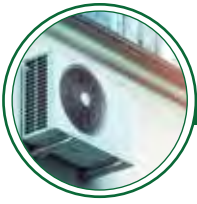
Contractor: MD Miller, Inc.

Year Constructed: 2020

Size/Volume/Area: 700 cy

Designer: Excel Engineering






By Careworks

COVID-19 Guidance on Ventilation in the Workplace

OSHA is committed to protecting the health and safety of America's workers and workplaces during these unprecedented times. The agency will be issuing a series of alerts designed to keep workers safe.

Ensuring adequate ventilation throughout the work environment can help to maintain a safe and healthy workplace. Employers should work with a heating, ventilation, and air conditioning (HVAC) professional to consider steps to optimize building ventilation. An HVAC professional can ensure that the ventilation system is operating as intended. The following tips can help reduce the risk of exposure to the coronavirus:

- Encourage workers to stay home if they are sick.
- Ensure all HVAC systems are fully functional, especially those shut down or operating at reduced capacity during the pandemic.
- Remove or redirect personal fans to prevent blowing air from one worker to another.
- Use HVAC system filters with a Minimum Efficiency Reporting Value (MERV) rating of 13 or higher, where feasible.
- Increase the HVAC system's outdoor air intake. Open windows or other sources of fresh air where possible.
- Be sure exhaust air is not pulled back into the building from HVAC air intakes or open windows.
- Consider using portable high-efficiency particulate air (HEPA) fan/filtration systems to increase clean air, especially in higher-risk areas.
- When changing filters, wear appropriate personal protective equipment. ASHRAE recommends N95 respirators, eye protection (safety glasses, goggles, or face shields), and disposable gloves.
- Make sure exhaust fans in restrooms are fully functional, operating at maximum capacity, and are set to remain on.
- Encourage workers to report any safety and health concerns.

For more information, visit www.osha.gov/coronavirus or call 1-800-321-OSHA (6742). 

CareWorks
a sedgwick company







Thank You for
standing by the
Association in 2020!

Winter Educational Webinar & PAC Auction

January 21, 2021

Exclusive Deal

FREE

Ohio Concrete
Members Only

OC ONLINE
PAC AUCTION

I think we can all agree that 2020 has been a year we will never forget, but one that we would certainly like to put behind us. We are ready to kick off 2021 with something good! To show our member appreciation, we will be hosting a FREE Educational Webinar exclusively for Ohio Concrete Members.

The webinar will feature many of the speaker sessions we had planned for the 2020 Annual Meeting, which was cancelled due to COVID-19 restrictions and precautions. The Winter Educational Webinar will allow members to view the sessions from the comfort of their own home or office at no additional cost. The webinar will feature a stellar line-up of speakers, including:

EVENT SPONSOR



Dr. Jason Weiss

Professor and Head of the School of Civil and Construction Engineering, The Miles Lowell and Margaret Watt Edwards Distinguished Chair in Engineering, and Director of the Kiewit Center for Infrastructure and Transportation Research



Jeremy Gregory

Executive Director, Concrete Sustainability Hub; Research Scientist, MIT Civil and Environmental Engineering



Timothy Dimoff

Cyber Security Specialist, Sacs Consulting & Investigative Services



Dr. Richard K. Vedder

American economist, historian, author, and columnist. He is a professor emeritus of economics at Ohio University and senior fellow at The Independent Institute

GET IN ON THE ACTION AT THE ONLINE OC-PAC AUCTION!

In addition to the Educational Webinar, we will be hosting an online auction on January 21st to raise funds for the Ohio Concrete PAC Auction. This is our biggest fundraising event of the year for the OC-PAC fund. All proceeds from the auction will go towards the fund, which allows us to back the legislators that support the concrete construction industry. This year, more than ever, we need your support. Register to bid and view items online at <https://qtego.net/qmlink/ohioconcrete>.

The Educational Webinar and PAC Auction are free to attend, but you must be pre-registered to participate.

Visit our website at www.ohioconcrete.org for complete details and registration information for both events, or call the Association office at 614-891-0210.



Certification Program

Stay competitive within the concrete construction industry by earning certifications to advance your career

Ohio Concrete offers AFFORDABLE Courses to Fit your Budget with

**CONVENIENT
Dates & Locations**

**Taught by EXPERIENCED
Concrete Industry Professionals**

**Find out why we are the #1 PROVIDER
of ACI Certifications in the Midwest**



2022

COVID-19 Certification Protocol

Due to on-going concerns with COVID-19 some of the scheduled certification program review sessions for 2021 may be held virtually. Exam sessions will be in-person the following day and will adhere to CDC and State of Ohio requirements and suggested guidelines.



VIRTUAL REVIEW SESSIONS: Certification review sessions will be conducted virtually utilizing Microsoft Teams or Zoom virtual platform. Microsoft Teams or Zoom virtual account subscriptions are not required to participate. Instructions will be sent prior to the start of the course on how to use the virtual format. Ohio Concrete instructors will lead the review exactly as they would in-person, but participants will follow along remotely from their computer or mobile device. It will not be a pre-recorded presentation. Participants will have the ability to ask questions in real time. Participants will receive a code to attend virtually a few days prior to the start of the review session. **It is imperative that a valid e-mail address is provided at the time of registration for communications and confirmations for all certifications.**

EXAM SESSIONS: All certification exam sessions will be staggered in groups following current state-mandated requirements for mass gatherings. Safety is our number one priority, so we will be adhering to social distancing rules the entire day. A questionnaire form will be required by each examinee including a temperature check prior to admittance to the exam. All examinees must wear a mask (face covering nose and mouth) upon arrival and keep it on throughout the exam until they depart. Examinees will be notified which group you are in prior to the exam day via e-mail. **It is imperative that a valid e-mail address is provided at the time of registration for communications and confirmations for all certifications.**

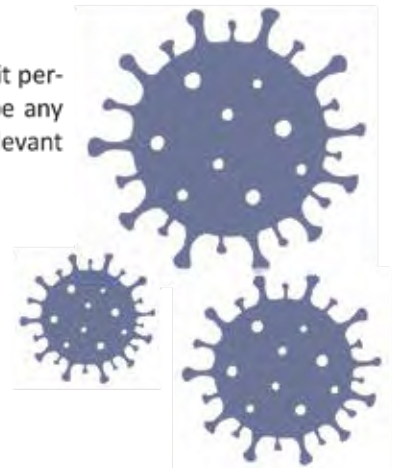
Ohio Concrete's COVID-19 Safety Commitment

Ohio Concrete is following these enhanced procedures to prevent the spread of COVID-19 during certification program sessions:

- Face masks/coverings must be worn by all participants and may be provided upon request;
- Temperature checks of all participants may be conducted prior to certification program sessions;
- Hand sanitizer/hand washing stations will be made available to all participants;
- In-person certification program review and/or testing facilities will hold no more than the suggested number of bodies at one time, based on State of Ohio regulations and CDC recommendations;
- Participants will practice social distancing measures of staying at least 6 feet apart at all times;
- Participants are suggested to thoroughly clean hands and wear nitrile gloves prior to performance testing, (gloves will be provided);
- All gloves and disposable face masks are to be disposed of properly in a waste basket;
- All surfaces and equipment will be wiped thoroughly with hospital grade disinfectant before and after each participant according to the manufacturer's directions.

We will continue to closely monitor the COVID-19 situation over the coming months as it pertains to the health and safety of our certification program participants. Should there be any changes to the current status, we will take account of any recommendations from the relevant authorities and health organizations and implement all appropriate instructions.

If you have any questions or concerns, contact the Association office at 614-891-0210.



OHIO CONCRETE 2021 CERTIFICATION SCHEDULE

ACI CONCRETE FIELD TESTING TECHNICIAN GRADE I (Day 1) Review 7:30 am - 4:30 pm | (Day 2) Exams 7:30 am 1-hr written (closed book) followed by performance exam

January 7-8	Review & Exam	Columbus, OH
January 13-14	Review & Exam	Zanesville, OH
January 20-21	Review & Exam	Piketon, OH
January 27-28	Review & Exam	Norwalk, OH
February 2-3	Review & Exam	Columbus, OH
February 10-11	Review & Exam	Dayton, OH
March 3-4	Review & Exam	Bowling Green, OH
March 11-12	Review & Exam	Columbus, OH
March 16-17	Review & Exam	Gnadenhutten, OH
March 24-25	Review & Exam	Ashland, OH
May 12-13	Review & Exam	Columbus, OH
June 8-9	Review & Exam	Columbus, OH
September 22-23	Review & Exam	Cincinnati, OH
November 9-10	Review & Exam	Columbus, OH

ACI CONCRETE FIELD TESTING TECHNICIAN GRADE I 1-DAY ACCELERATED COURSE

(Day 1) Review 7:30 am - 12 pm | Exams 1 pm 1-hr written (closed book) followed by performance exam

February 23	Review & Exam	Columbus, OH
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ACI SELF-CONSOLIDATING CONCRETE TESTING TECHNICIAN (Day 1) Review 10 am - 4 pm | (Day 2) Exams 7:30 am 1-hour written (closed book), followed by performance exam

January 25-26	Review & Exam	Columbus, OH
April 28-29	Review & Exam	Columbus, OH
July 7-8	Review & Exam	Columbus, OH

ACI CONCRETE FLATWORK ASSOCIATE/FINISHER/ADVANCED FINISHER

(Day 1) Review 7:30 am - 4:30 pm (Day 2) Exam 7:30 am 2-hr written (closed book) No performance exam

February 24-25	Review & Exam	Columbus, OH
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ACI AGGREGATE TESTING TECHNICIAN LEVEL 1 (Day 1) Review 12 noon - 4:30 pm (Day 2) Exams 7:30 am 2-hr written (open book) followed by performance exam

February 4-5	Review & Exam	Columbus, OH
April 13-14	Review & Exam	Columbus, OH
October 12-13	Review & Exam	Columbus, OH

ACI CONCRETE STRENGTH TESTING TECHNICIAN (Day 1) Review 12:30 - 4:30 pm (Day 2) Exams 7:30 am 1-hr written (closed book) followed by performance exam

February 8-9	Review & Exam	Columbus, OH
April 8-9	Review & Exam	Columbus, OH
October 5-6	Review & Exam	Columbus, OH

ACI ADHESIVE ANCHOR INSTALLER Review 7:30 am - 12 noon | Exams 1:00 pm 1-hr written (closed book) followed by performance exam

February 19	Review & Exam	Columbus, OH
May 14	Review & Exam	Columbus, OH

ACI POST-INSTALLED CONCRETE ANCHOR INSTALLATION INSPECTOR

Review 7:30 am - 12 noon | Practice Session 1:00 pm, followed by 45-min written installation exam (closed book) and 2-hr written inspection exam (open book)

February 19	Review & Exam	Columbus, OH
May 14	Review & Exam	Columbus, OH

CONCRETE TECHNICIAN LEVEL 1

Review/Exams 7:30 am - 4:30 pm daily

April 19-23	Review & Exam	Columbus, OH
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CONCRETE TECHNICIAN LEVEL 2

Review 7:30 am - 4:30 pm daily | Exam 7:30 am 4-hr written (scheduled the following Friday) No performance exam

Jan. 12-15 & 22	Review & Exam	Columbus, OH
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2021 LOCATIONS

ASHLAND

HOLIDAY INN EXPRESS
1392 ENTERPRISE PARKWAY
ASHLAND, OH 44805

GNADENHUTTEN

STOCKER CONCRETE
7574 SR 36 E.
GNADENHUTTEN, OH 44629

CINCINNATI

TERRACON
611 LUNKEN PARK DR
CINCINNATI OH 44256

NORWALK

BRONSON CONSERVATION
LEAGUE
295 TOWN LINE RD 151
NORWALK, OH 44857

COLUMBUS

OHIO CONCRETE
1ST FL CONFERENCE ROOM
2600 CORPORATE EXCHANGE DR.
COLUMBUS, OH 43231

BOWLING GREEN

HOLIDAY INN EXPRESS & SUITES
2150 E WOOSTER ST
BOWLING GREEN, OH 43402

COLUMBUS

ASHLAND UNIVERSITY
1900 E. DUBLIN-GRANVILLE RD.
COLUMBUS, OH 43229

PIKETON

ODOT DIST. 9 GARAGE
5591 WAKEFIELD MOUND RD.
PIKETON, OH 45661

DAYTON

BOWSER-MORNER TESTING LAB
4518 TAYLORSVILLE RD.
DAYTON, OH 45424

ZANESVILLE

EAGLESTICKS GOLF CLUB
2655 MAYSVILLE PIKE
ZANESVILLE, OH 43701

DATES AND LOCATIONS ARE SUBJECT TO CHANGE
Visit www.ohioconcrete.org for updates and information.

Due to on-going concerns with COVID-19 some of the scheduled review sessions for 2021 may be held virtually with exam sessions following CDC and state suggested guidelines and requirements. See page 1 of this flyer for details.



Congratulations!

After a long and successful career advocating for the concrete industry, John Davidson, Ohio Concrete SW Promotion Director, officially retired from his position this past fall. He agreed to stay on as a consultant for Ohio Concrete until the end of the year.

John Davidson has been in the concrete industry since 1969. He was appointed as Ohio Concrete SW Promotion Director in 2008. Since that time, John has been instrumental in the promotion of concrete usage for our members and affiliate companies. His territory covers a 17-county region in SW Ohio and provides services to over 36 Ohio Concrete member companies. He also promotes in ten counties in Northern Kentucky and four counties in Indiana.

Prior to joining Ohio Concrete, John was the Executive Director of the Concrete Promotion Council of Southwest Ohio (CPCSO) since the inception of the organization in 1996. As Executive Director of CPCSO, John directed the promotion of concrete throughout a 10-county area comprising Southwest Ohio, focusing on exterior flatwork and the "sustainable development" concept promoted by the U.S. Green Building Council (USGBC).

Prior to his tenure with the CPCSO, he was involved with the concrete industry through his employment with Master Builders (chemical admixtures), Lafarge (Fly Ash) and Levy, Inc. in Michigan.

His Levy affiliation placed him as the sales manager for one of the larger asphalt companies in Michigan. Levy was also owner of the largest ready-mix company in the state at that time. During that term, he was involved in both the concrete and asphalt segments of the business.

John has achieved numerous concrete certifications in several states. He currently serves on the Board of Directors for the American Concrete Institute, the Northern Kentucky Concrete Promotion Council and the American Society of Highway Engineers. He is also a member of the USGBC and APWA local chapters.

John has been a true asset to not only Ohio Concrete and its members, but the overall concrete construction industry in SW Ohio and surrounding area as a whole. Due to COVID-19 and the cancellation of many Association events, including the Annual Meeting this past year, we were unable to celebrate John's retirement in our traditional fashion. As we look forward to the coming year, we hope to honor John's retirement at the 2021 Annual Meeting Banquet, scheduled for December 9th at the Hilton at Easton in Columbus, OH. If you would like to

contribute to John Davidson's retirement gift from the Association, please send a check payable to Ohio Concrete to 2600 Corporate Exchange Drive, Suite #165, Columbus, OH 43231. Look for further details to follow closer to the date of the event. All of us at Ohio Concrete would like to wish John a retirement full of rest, relaxation and valuable time spent with family and friends. If you get a chance, please take a moment to congratulate John on his well-deserved retirement. **CC**





HIGHLY SUCCESSFUL FALL WEBINAR SERIES PROVIDES MORE OPPORTUNITIES FOR PROMOTION

OHIO CONCRETE

2020 Fall Webinar Series



Each year, the Ohio Concrete Promotion Directors host a Fall regional educational seminar. The seminars provide a great opportunity for the design community and industry professionals to hear from experts in the field on trending topics and issues related to concrete construction. Another important aspect of these seminars is to provide local engineers an opportunity to earn professional development hours to meet professional license requirements before the end of the year.


This year, due to on-going concerns with COVID-19, the Ohio Concrete Promotion Directors had to cancel these one-day, in-person seminars and think outside of the box. To overcome the challenges and restrictions associated with the COVID-19 pandemic, and accommodate the individuals and firms we partner with every year, the Ohio Concrete Promotion Directors developed a program to provide a seven-week series of online educational webinars for the concrete construction community. Each virtual presentation was planned for one hour and delivered over the Zoom platform.

Over 200 individuals signed up for these webinars, with the weekly attendance ranging from 175–200 participants. We received many comments from attendees as to the quality of the speakers and even had an unsolicited email from one attendee of all seven weeks: “Just wanted to say that you ran a very excellent operation. This was definitely the best run Zoom format that I have participated in”. With the high number of events available in 2020 for individuals to get required certificates and the burnout that was occurring from the flood of webinars this past year, we are very proud of the quality, the attendance numbers and the feedback we received on this highly successful webinar series.

Special thanks to the following industry experts and well-known speakers who delivered the following presentations contributing to the overall success of the webinar series:

1. Industrial Floors and Big Box Construction, Rick Smith, FACI—Structural Services, Inc. (SSI)
2. Transitioning on Concrete Curing Processes in the Fall & Winter, George Seegebrecht, P.E., FACI—Concrete Consulting Engineers
3. Troubleshooting Concrete Surface Defects: Causes, Prevention and Cure, Michelle Wilson, FACI—Portland Cement Association
4. Part 1: The Perfect Concrete Parking Lot—Dan King, Perrin Construction
Part 2: Ohio DOT Updates from Dan Miller, PE, ODOT
5. 30 Year or 50 Year Design Life for Pavements—Dan DeGraaf, Executive Director/CEO, Michigan Concrete Association
6. Specifications and Strategies to Eliminate Concrete Moisture, Dean Craft, ISE Logik Industries
7. Common Violations of the Registration Act and How to Avoid Them, John Greenhalge, Executive Director State Board of Registration for Professional Engineers & Surveyors

Building on the success of this series, the Ohio Concrete Promotional Directors plan to begin offering webinars in late January through the Spring 2021 on various topics and issues relating to the concrete construction industry. Look for a two-day contractor seminar in early February, a Build-with-Strength focused webinar series coming this Spring, and various other webinars to be added in 2021 on topics impacting the concrete community.

Visit our website at <https://www.ohioconcrete.org/2020-fall-concrete-webinar-series/> to view presentations from the 2020 Fall Webinar Series. 



Ohio TechCred Program Update




Ohio's TechCred Program gives employers the chance to upskill current and future employees in today's tech-infused economy. Employers who submit successful applications will be reimbursed up to \$2,000 per credential when current or prospective employees complete eligible technology focused credentials.

Ohio Concrete has become an eligible provider for TechCred credentials through the following certification offerings:

- ACI Concrete Field Testing Technician Grade I
- ACI Laboratory Testing Technician Level 1

Ohio Concrete will be offering ACI certification sessions beginning January 2021. See complete list of program dates in this issue as well as online at <https://www.ohioconcrete.org/certification/certification-schedule/>.

TechCred eligible participants have 18 months from the date of award eligibility to complete credentials. To learn more about this program, visit techcred.ohio.gov. 

New Application Period: January 4–29, 2021

Important Change:

2021 Ohio Safety Congress Going Virtual

The 2021 Ohio Safety Congress & Expo (OSC21)—sponsored by the Ohio Bureau of Workers' Compensation—is about keeping people safe. With all the uncertainty surrounding the future of the COVID-19 pandemic, the BWC will host OSC21 totally online March 10–11, 2021. The virtual event offers plenty of online learning sessions and a digital expo, allowing you to learn remotely and chat virtually with presenters and exhibitors. As always, attendance is FREE, and registration for the virtual event opens in December.

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Who should attend?

Individuals with an interest in occupational safety and health, wellness, rehabilitation, and workers' compensation are encouraged to attend.

OSC21 highlights

- Learn to improve safety management programs and best practices.
- View the newest workforce safety products and services.
- Chat with business representatives, safety pros, and workers' compensation specialists.
- Connect with exhibitors to discuss cost-saving solutions.
- Keep your workers healthy and productive

Important note: The new March 10–11 dates are a change from the original dates of March 31–April 2 that the BWC announced earlier this year. Look for updates on social media using #OSC21. Mark your calendar and join the BWC online! March 10–11, 2021.

For more information about all the Ohio BWC's training opportunities, visit the BWC's Learning Center at: www.bwclearningcenter.com/default.aspx?returnurl=%2flearnerpage.aspx



TECH CORNER

Provided is a brief update on various technical items impacting ready-mix concrete production and construction. Feel free to contact the association engineering staff for further details.

ASTM C94 Balloting to Revise 90-minute Discharge Time Limit

New language to revise the 1 ½ hour unloading time in the current version of C94 has passed through committee balloting. The negative vote responses were found non-persuasive; however, there have been submitted appeals. Should the new language move forward, it will remove the 1 ½ hour time limit and call for the Purchaser to state the time limit. If no limit is stated by the Purchaser, the Manufacturer (producer) must establish and set the limit. Also, the established time limit must be stated on each delivery ticket. Ohio Concrete will advise if and when this ASTM C94 is updated to reflect this language change. Note that this will not impact Ohio DOT projects since ODOT specification calls for the delivery discharge time limit of 90 minutes.



Ohio DOT Specifications Updates

Item 255 Full-Depth Pavement Removal and Rigid Replacement. ODOT's goal is to apply PEM (Performance Engineered Mixtures) research to Fast Set (FS) concrete in an effort to increase durability and performance. Ohio Concrete's 'industry task group' of two years has conducted alternate concrete mix trial testing with reported data and suggested mix parameters, targeting 300 PSI flexural strength at four hours. ODOT is beginning to apply trial placements in projects to obtain field test data with alternate fast-set mixtures. If you have a public or private project to suggest for this, please contact Ohio Concrete engineers.

Items 451/452 Concrete Paving specifications have removed the requirement to cut shipping and spacer wires from dowel baskets. The required HIPERPAV software crack prediction software has also been eliminated but is still available for use as a tool. Ohio Concrete is working on revisions to strength testing and acceptance procedures, including pay factor determination. Vibration frequency ranges and monitoring requirements are also under review.

Item 455.05 added an additional limit of "within 72 hours" on the delivery of QA test cylinders to the statement "after initial curing at the project site".

Item 499 now has modified language on slump for consistency in three locations; 499.03 A., 499.04 H., and 499.08 to read more consistently and account for less confusion in the field. Also added were volumetric truck mixers under equipment with new tables on volumetric truck batching tolerances. The Producer/Supplier Code must now be shown on each batch delivery ticket as added into Table 499.07-1.

Item 511.09, Construction Joints for Structures, was completely re-written and also details roughened joint surfaces when specified in the plans.

New Item 705.29, Synthetic Fibers (macro) for Use in PCC, is now active. They must be submitted for approval and listed in ODOT's QPL (qualified products list.)

The Revision of Supplement 1102 (Acceptance of Non-Spec Material) Appendix on Concrete reflects changes to fall in line with the language per 511 'with QC/QA'. This changes the 10% low limit to 12% and any deduction by formula is on in-place strength evaluation results.

A new specification on Full Depth Reclamation (FDR) is planned by ODOT for over 93 miles of two-lane rural roadways in 2021. Ohio Concrete has promoted this concept using cement with the DOT in the past and has been working with the industry to provide project scoping and specifications.

ACI Certification Program Addition

A new Non-Destructive Testing Technician certification will roll out in 2021. Ohio Concrete is looking into the delivery and specific equipment necessary to offer this program. Several have expressed interest.

Sustainability

A proposal was suggested to establish a separate OC Technical Subcommittee on sustainability. This committee can assist members as the industry addresses the global sustainability movement targeting the use of fossil fuel and Zero Carbon Emission Goals by 2050. The Global Cement & Concrete Association (GCCA) has adopted this program in accordance with the United Nations' Climate Change and Carbon Reduction Policy.

ACI 301-20 Notable Changes & Field Reference Manual


The latest update to ACI 301 (previously called Specifications for Structural Concrete) was made available in October 2020. This includes





a change to the name of the document to Specifications for Concrete Construction. The new title recognizes that the specification covers diverse topics such as architectural concrete and industrial floor slabs, as well as the minimum requirements of ACI 318-19 (the Building Code). Many of the changes reflect code requirements from Chapter 26 of ACI 318-19 on information the engineer must provide in the construction documents to achieve compliance with the Code. ACI 301-20 also includes new provisions for shotcrete, zinc-coated reinforcement, lightweight aggregate used for internal curing, mineral fillers, recycled concrete aggregates, and evaluation requirements if modulus of elasticity (MOE) test data are required. Further, it contains changes in durability requirements, in provisions for cold weather placement, integrating

higher-strength concrete, curing by ponding, adhesive anchors, self-consolidating concrete (SCC), mass concrete, post-tensioned concrete, joint fillers for industrial floor slabs, tilt-up surface finishes, and optional requirements for qualifications of precast concrete fabricators.


Along with the release of ACI 301-20, ACI has also published a new ACI Field Reference Manual. It includes the complete ACI 301-20 specifications and more than 20 selected reference documents on measuring, mixing, transporting, and placing concrete; concrete pumping methods; hot- and cold-weather concreting; consolidation; and concrete formwork—providing a convenient resource for use in field offices, jobsite trailers, and more. 

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BWC Board Approves \$5 Billion Workers' Compensation Dividend

The BWC Board of Directors approved Governor Mike DeWine's \$5 billion dividend proposal on November 2, 2020. This is the largest BWC dividend in state history and DeWine hopes it will serve as a lifeline to businesses struggling amid the coronavirus pandemic. The dividend will be the third this year, following a \$1.54 billion dividend issued in April and a \$1.34 billion dividend in October.

Distribution of checks to employers covered by BWC began in mid-December. Gov. DeWine said that the BWC "remains in a strong fiscal position thanks largely to healthy investment returns on employer premiums, a declining number of claims each year and prudent fiscal management." After the dividend is paid out, the BWC will have an approximate net position – assets minus liabilities – of \$6.3 billion. 

Let's Learn: Important BWC Acronyms

DHO: District Hearing Officer

The first level of adjudication at the Ohio Industrial Commission.

SHO: Staff Hearing Officer

The second level of adjudication at the Ohio Industrial Commission.

TLL: Total Limited Losses

The expected medical, compensation, and reserve losses (claims\$) for an employer for an experience period (the oldest four of the past six rating years.)

TML: Total Modified Losses

The total of all medical, compensation and reserves assigned to an employer's claims that occurred in the oldest four of the past six rating years.

EMR: Experience Modification Rate

The percentage of credit or debit that the Ohio BWC applies to each Manual Code's base rate to determine an employer's premium.



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