

Mid-South Chapter



American Concrete Institute

2017 Symposium

Tuesday, May 23, 2017

Holmes Community College McGowan Workforce Training Center
412 W. Ridgeland Avenue, Ridgeland, MS

Agenda

- 9:00 – 9:30 am** **Registration and Coffee**
- 9:30 – 10:30 am** **Concrete Cracking** – This topic will cover the causes and control of cracking; evaluation methods; mitigation and crack repair with the goal of learning to mitigate and help prevent cracking in future projects. - Gregory Zeisler, Senior Engineer, ACI
- 10:30 – 11:30 am** **ACI Reference Specifications: Unraveling Concrete Specs** – This presentation will cover how to properly use reference specifications to enhance project specifications and minimize the amount of specification editing required for a project. Significant changes and Updates to ACI 301 that help specifiers and contractors place more durable and resilient concrete structures will also be presented. - Robert Howell – Professional Development Program Engineer, ACI
- 11:30 – 12:15 pm** **Lunch**
- 12:15 – 1:15 pm** **ACI Repair Code 562-16** – This talk will introduce ACI 562-16, “Code Requirements for Assessment, Repair, and Rehabilitation of Existing Concrete Structures and Commentary; which is the first code produced specifically for the repair of reinforced concrete. Presentation will cover why a repair code is needed; philosophy; challenges; significance of QA program; and how the code can save the owner money. - Gregory Zeisler, Senior Engineer, ACI
- 1:15 – 2:15 pm** **Build with Strength Campaign** – This presentation will focus on the Build with Strength Coalition and the resources available for building with concrete, including communications collateral, state and local advocacy efforts, and business development, with the ultimate goal of funneling projects through the Concrete Design Center. - Brett Ruffing, Senior Director of Communications & Public Affairs, Building Promotion, National Ready Mixed Concrete Association.
- 2:15 – 2:30 pm** **Break**
- 2:30 – 3:30 pm** **ACI 330.2 R-17 “Guide for the Design and Construction of Concrete Site Paving for Industrial and Trucking Facilities”** – This presentation will provide an overview of this new document that provides information useful in designing and building a successful site paving project for heavy duty industrial and trucking facilities. This guide is intended for facilities with heavier design loads, non-standard vehicles, and/or higher volumes of heavy trucks. Examples of such facilities may include warehouses, factories, truck terminals, heavy equipment sales and service distribution centers, and ports. It will assist engineers, contractors, and testing agencies with designing, detailing, constructing, repairing, and inspecting site paving. - Robert Varner, Senior Concrete Materials Engineer, Burns Cooley Dennis
- 3:30 – 4:00 pm** **MDOT Red Book Revisions** – The 2004 edition of the Mississippi Standard Specifications for Road and Bridge Construction has been replaced with the 2017 edition. Changes that influence concrete will be discussed during this presentation. - Will Crawley, Concrete and Cement Laboratory Supervisor, MDOT
- 4:00 pm** **Adjourn**

Cost: \$50 per person (includes lunch and refreshments)

5.5 hours of Professional Development are offered – certificates will be provided

Location: Holmes Community College, McGowan Workforce Training Center -- Multi-media Room

Directions: At the I-55 Ridgeland exit (105B), go east toward Ridgeland, then left on Sunnybrook Rd. – go 0.4 mi just past Holmes Community College, then second driveway on right to McGowan Workforce Training Center (to the rear).

Concrete Symposium Speakers

Gregory Zeisler, P.E.
Senior Engineer with ACI

Gregory Zeisler has been with ACI since 2009. He works with several technical committees as staff liaison including ACI 318 and will be the secretary for the next cycle of the ACI 318 code. Previously he was a Structural Engineer at Durrant. Zeisler has 8 years of structural design experience in parking and retail facilities. Zeisler received his BS in civil engineering from the University of Wisconsin-Platteville and his MS in civil engineering from Purdue University. Zeisler is a licensed professional engineer in the states of Indiana and Wisconsin.

Robert Howell, P.E.
Professional
Development Program
Engineer with ACI

Robert Howell joined ACI as Professional Development Program Engineer in 2014. Previously he was a Lead Structural Engineer at IBI Group/Giffels LLC formerly Giffels Associates, Inc. Howell has 26 years of structural design experience in health care, industrial, research, power plant, educational, and commercial facilities. He also has 7 years of experience as an Owner's Representative Project Structural Engineer with GM Worldwide Facilities Group. Howell received his BS in civil engineering from Wayne State University and his MBA in supply chain management from Michigan State University. Howell is a licensed professional engineer in the state of Michigan.

Brett Ruffing
Senior Director,
Communications & Public
Affairs, Building Promotion
with National Ready Mix
Concrete Association

Brett Ruffing leads the communication efforts for Build with Strength, a multi-million dollar coordinated industry campaign aimed at educating the design/build and code communities about the benefits of concrete construction in the low to mid-rise sector and in general. Mr. Ruffing previously served as director of education & technology for the Kentucky Ready Mixed Concrete Association (KRMCA) where he developed extensive contacts and promotional experience with state, local and national officials along with NRMCA staff. Mr. Ruffing is a graduate of the University of Louisville and is a certified pervious concrete technician and LEED green associate.

Robert Varner, P.E.
Senior Concrete
Materials Engineer for
Burns Cooley Dennis, Inc.

Robert has been involved in the construction industry for over 30 years with experience in training and certification, concrete materials testing, research, special inspections, forensic investigations, concrete pavement design, association management, and metal building design. Robert is responsible for concrete pavement design, concrete testing, and special inspections for Burns Cooley Dennis, Inc. He is a voting member of three ACI technical committees including; committee 330 for Concrete Parking Lots and Site Paving, 522 for Pervious Concrete, and 610 for Technician Certification. Robert is the past Chairman of committee 330 serving two consecutive terms.

Will Crawley
Concrete and Cement
Laboratory Supervisor
MDOT Materials Division

Will Crawley is an Engineer Intern. He has worked with MDOT for 2.5 years and is currently the Concrete and Cement Laboratory Supervisor in the Materials Division Laboratory. He has a B.S. and M.S. in Civil Engineering from Mississippi State University. He currently holds certifications as an ACI Aggregate, ACI Concrete Field Testing, ACI Concrete Strength Testing, ACI Concrete Laboratory Testing Technician and MDOT Class 3 Concrete Technician. He has specialty experience with PLC concrete mixtures and holds certifications for MAPA I, II and III.

Registration Form

Company: _____

Company Address: _____

City, State, Zip: _____

Contact Person: _____

Email _____ Phone: _____

Please register the following people: *(print name as it should appear on name badge)*

1) Name /Company: _____

2) Name /Company: _____

3) Name /Company: _____

Registration Fee: \$50 Qty. _____ @ \$50 = \$ _____

Student Registration Fee: \$12 Qty. _____ @ \$12 = \$ _____

Registration fee includes catered buffet lunch and breaks

Return form and payment to: **ACI Mid-South Chapter, 6700 Old Canton Rd, Suite K; Ridgeland, MS 39157**

Phone: 601-957-5274

Fax: 601-957-5679

Email: dcollins@mississippiconcrete.com