



# ACI Symposium

Wednesday, April 3, 2019

8:00 am - 4:30 pm

Associated Builders and Contractors Headquarters  
5165 Old Brandon • Pearl, MS



## Agenda

- 8:00 – 8:30 am**     **Registration and Coffee**
- 8:30 – 8:45 am**     **Welcome and Introductions** – Warren Sawicki, President of ACI Mid-South Chapter and Tripp Hammett, President of Mississippi Concrete Association
- 8:45 – 9:45 am**     **In-Transit Concrete Management** – Joe Wolfe, GCP Applied Technologies  
Verifi® In-Transit Concrete Management system from GCP Applied Technologies is the first of its kind to monitor, measure and manage concrete properties in transit. The Verifi® In-Transit Concrete Management system uses sensors installed on ready mix trucks to enable real time sophisticated, automated process monitoring and control during transit from the ready-mix plant to the jobsite. The system measures slump, temperature, water addition, revolutions, admixture additions and time.
- 9:45 – 10:45 am**     **Recent Efforts at MSU-CMRC Related to Soil-Cement and Characterizing Mechanical Properties of Concrete** – Mississippi State University: Kushal Acharya, Leigh Ayers, Ashley Carey, Nicki Haines and Brad Hansen
- 10:45 – 11:45 am**     **Disaster Assistance, Good Sam and Resiliency** – J. Scott Eddy, AIA, Barlow Eddy Eddy, PA  
Understand the need for and the process of a Safety Assessment, the need for resiliency in construction and why Good Samaritan legislation is needed to provide liability protection to volunteer architects and engineers.
- 11:45 am**             **Buffet Lunch**
- 12:30 – 1:30 pm**     **Understanding and Applying Integral Color in Concrete** – Jeff Raymer, GCP Applied Technologies  
This presentation is designed to give participants a better understanding of integral color in concrete.
- 1:30 – 2:30 pm**     **How Precast Builds: Precast-Prestressed Concrete Pavement Slabs** – Dan Eckenrode, PCI Gulf South – Rapid construction, minimal impact to the public and low life cycle costs are quickly becoming common themes among Departments of Transportation across America. Precast Concrete Pavement replacement slabs have been successfully implemented in several states across the country and in fact, the technology has spread overseas to at least seven countries. Adding prestressing strand to the concrete slab increases the benefit this technology can provide to the designer. In this presentation, participants will be introduced to the uses and benefits of Precast Concrete Pavement replacement slabs with an emphasis on prestressing. A recent project in Mobile, Alabama will be highlighted.
- 2:30 – 2:45 pm**     **Break**
- 2:45 – 3:00 pm**     **Spec Change to Bridge Deck** – Justin Walker, Mississippi Department of Transportation
- 3:00 – 3:15 pm**     **ACI Certification Programs Sponsored by MCA** – Robert Varner, Burns Cooley Dennis
- 3:15 – 4:15 pm**     **The Future of Cementitious Materials** – Tim Cost, V. T. Cost Consulting  
This presentation takes a close look at today's cementitious materials for concrete and how those materials are likely to change in the future. It begins by reviewing the history and evolution of Portland cements and common supplementary cementitious materials from the perspective of key factors that have driven changes over time such as availability, economics, constructability and performance, concrete durability, and sustainability. Predictions are made for future direction based on these and other influences. Also discussed are some challenges for concrete quality brought on by side-effects of changes in cementitious properties, and how those challenges can be met with future materials. Finally, the potential roles of emerging technologies in blended cements and new alternative cements are considered
- 4:15- 4:30 pm**     **Closing Remarks and Scholarship Drawing** – Warren Sawicki, President of ACI Mid-South Chapter  
A \$500 scholarship will be given away to one full-time University student in attendance at the end of the Symposium. Student must be present to win.

**A total of 6 Continuing Education hours can be earned.**