

ACI Technical Committee Update

14 attendees at the May ASCC Technical Committee meeting in St. Louis participated in a lively three hour discussion on many technical issues. The highlights are below.

Constructability Column in ACI Concrete International

ACI 134 Constructability is developing articles to promote and explain constructability. Three articles have been written below by ASCC members and the ASCC Technical Committee. The committee is proposing another article on “Constructability of Rubbed Finishes on Formed Surfaces”. Please send any input to bsuprenant@asconline.org.

- “Defining Concrete Constructability”, Karlson, Connolly, Garcia, and Suprenant, *ACI Concrete International*, October 2018.
- “Designing for Constructability—ADA Surface Accessibility”, ASCC Technical Committee, *ACI Concrete International*, November 2018.
- “Constructability of Post-Tensioning Anchors in Shear Walls”, Diekemper, Salzano and Suprenant, *ACI Concrete International*, December 2018.

From Embeds to Anchor Bolts

ACI Concrete International published “Constructability of Embedded Steel Plates in Cast-in-Place Concrete” by James Klinger, Frank Salzano, Tim Manherz and Bruce Suprenant in September 2018. Based on the success of that article, the same group is working on a draft of “Constructability of Anchor Bolts in Cast-in-Place Concrete” for publication later this year.

ASCC Scope of Work

The Technical Committee is collecting individual contractors’ “Scope of Work” used when submitting a bid. We are looking at developing an ASCC industry standard on scope of work to use with owners, general contractors and construction managers. A well-written scope of work is clear, complete, logical, and concise so it can be understood by both the contractor and the construction manager responsible for the administrative portion of the contract. The ASCC “Scope of Work” will provide concrete industry uniformity and make the construction contract better. A draft is expected by the September conference.

Laser Scanning

ASCC conducted a laser scanning study in October 2018, hosted a laser scanning workshop at the 2019 World of Concrete and developed an article based on the study. *ACI Concrete International* published “ASCC 3D Laser Scanning Study” by William Paul, James Klinger and Bruce Suprenant in January 2019. The Technical Committee recommended an ASCC position statement on the use of laser scanning for tolerances. A draft is expected by the September conference.

Finishing Committee

This group finished what is the latest ASCC Position Statement, #44, to be published in *ACI Concrete International* in June 2019: “Measuring Air Content of Non-air-entrained Concrete”. The committee believes that following the recommendations will minimize the possibility of delamination for hard troweled surfaces.

Topping Slab Book

The topping slab book is expected to be published by 2020.