



ASCE/AGC Meeting Summary

Week 2: Concrete Frame Associates

January 19th, 2024

This meeting recap is intended to allow all ASCE/AGC members to stay up to date with the events that take place during our weekly meetings!

Announcements:

1. Join us next Friday, 1/26, from 12–1 p.m. in Marquez Hall 226 to hear from GH Phipps.
2. PLEASE PAY YOUR DUES: \$10 a Semester
 - a. First Semester Members' Dues Waived
3. Sign Up to attend ASCE Regionals!
 - a. <https://forms.gle/LGVhze8vm5KSJ5797>
4. Follow us on Instagram: @asce.mines

Civil Engineering Fun Fact of the Week:

Concrete is well known for its greenhouse gas emissions from both its chemical processes and transportation involved with construction. The German architectural firm Sacker devised a solution of using plastic “bubbles” to reduce the volume of concrete needed in a pour, which minimizes both material cost and emissions. There is also an additional benefit from reduced structural load resulting from the concrete.



Today's Presenters: Concrete Frame Associates

This week's presentation featured Nikol Hall and Justin Stein from Concrete Frame Associates, who discussed concrete formwork and the systems used to install the concrete formwork.

Below are some notes about what was shared:

- Formwork is a temporary structure or mold that shapes and supports concrete until it reaches its full strength.
- Revit is beneficial, and both Nikol and Justin use it every day. They recommend taking a class to learn Revit.
- Concrete Frame Associates primarily works in Colorado, New Mexico, and Wyoming.
- CEFCO Tables and TJI Runners are used when a repetitive design element is used in the build.
- Concrete Frame Associates is primarily involved with the first third of a project, and they help schedule the concrete pours.
- Fun Fact: Concrete Frame Associates have worked trusses on the Westin Hotel at Denver International Airport

Thank you to our presenters Nikol Hall and Justin Stein from Concrete Frame Associates! If you have any questions, you can contact them via email at Nikol.Hall@concreteframe.com

Respectfully,

Andrew J. Hurter IV, ASCE-AGC Secretary, Spring 2024

Have any questions? Feel free to email Andrew Hurter @ andrewhurter@mines.edu