



ASCE/AGC Meeting Summary

Week 1: Arcosa Lightweight

August 25th, 2023

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 week (Friday 9/1) from 12-1pm in Hill Hall 202 for a presentation from members about their internships this past summer.
2. Collecting Dues First few weeks \$10 a Semester
 - a. First Semester Members' Dues Waived
3. Come stop on by our table A20 Today at Celebration of Mines
4. Building The Connection is on September 10th from 4-7pm in Kafadar Commons
 - a. Talk to Jeremiah to sign up
5. Follow us on Instagram: @asce.mines

Civil Engineering Fun Fact of the Week:



The U.S.S Selma was made with entirely out of lightweight concrete and was built to fight in World War 1, however it launched on the same day Germany signed the Treaty of Versailles, which ended the war.



Today's Presenters: Joe Latella and Clint Chapman with Arcosa Lightweight

This week's presentation featured an overview of the creation and installation of lightweight concrete and some of the projects that Arcosa Lightweight has been involved with. Below are some topics covered:

- The process in which aggregate concrete is formed from the raw materials.
- Here are just some of the many applications of Lightweight Aggregate:
 - Masonry
 - Horticulture
 - Highways
 - Geotechnical
 - Structural Lightweight Concrete
 - Internal Curing
- Arcosa provided 50,000 CY of concrete for Apple AC2 is just one of many projects in which Arcosa supplied lightweight concrete.
- The process of internal curing concrete.

Thank you to our presenter, Joe Latella! If you have any questions about topics addressed or would like to reach out for more information, contact him at joseph.latella@arcosa.com

Enjoy your weekend!

Respectfully,

Andrew Hurter, ASCE-AGC Secretary, Fall 2023

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