



ASCE/AGC Meeting Summary

Week 6: Drill Tech Engineering

February 17th, 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. Thanks to all of you who made a concrete heart this Wednesday at Maple Plaza! If you haven't already, pick up your heart in Chauvenet 194.
2. ASCE regionals are coming up soon, at the Air Force Academy in Colorado Springs from April 20-22! The deadline registration is **this Sunday, February 19**. If you are interested in learning more or participating, contact Ryan Irvine at ryanirvine@mines.edu.
3. Join us next week (Friday 2/24) for a presentation about heavy civil construction with Kraemer North America.
4. Follow us on Instagram: @asce.mines



Civil Engineering Fun Fact of the Week:

Have you ever seen a funicular? They are a special cable railway system that work well in steep areas. The Stoosbahn (pictured) in Switzerland is the world's steepest funicular with a whopping 110% maximum slope or 47.7 degrees. Sure beats having to walk or bike up the hill!



Today's Presenters: Jacob with Drill Tech Engineering

This week's presentation was about the geotechnical field, including work such as deep foundations, shoring, landslide stabilization, earth retention, and much more. A handful of the projects Drill Tech has been involved in include:

- Drilled shafts for foundations – buildings, bridges, you name it
- Shotcrete walls along the highway near Vail that are aesthetic-focused
- Calculations and accounting for the safety of the rock and soil
- Design process and documentation for installments

Thank you to our presenter, Jacob Prezkuta! If you have any questions about topics addressed or would like to reach out for more information, contact him at jacob.prezkuta@drilltechdrilling.com.

Enjoy your weekend!

Respectfully,

Riley Miller, ASCE-AGC Secretary, Spring 2023

Have any questions? Feel free to email me @ rmiller5@mines.edu.