



ADSC and DFI Micropile Joint Committee

Agenda

IFCEE 2021, Dallas, TX

May 11th, 2021

12:30-2:00 PM (Central Time)

1. Call to Order & Welcome
 - a. Sign in Sheet
 - b. Introductions
2. Safety Moment
3. Approval of Previous Minutes
4. Old Business
 - a. ADSC/DFI Micropile Guide Specifications (Bennet) – Intend to incorporate the new LRFD ASHTO spec and possible impacts to testing programs. Specification will be distributed very soon for committee for review.
 - b. Micropile Installation Guide (Speier) – Once sections are completed, will form task group to review.
 - i. Definitions & Construction Materials Sections – Draft Complete
 - ii. Installation Methods – Draft Complete
 - iii. Materials QA/QC – Mastrantuono – In progress
 - iv. Load Testing – Aschenbroich – In progress
 - c. Bridging Document for 2005 FHWA Micropile Manual (Speier) – Task force: Braun, Ambio, Hicks, Gomez, Segar, Cadden, Holman, B. Robinson – Zoom Call on 3/10/21. Proposed to make this a “living wiki-type document” posted on website (ADSC/DFI/Geotechtools) for public access in lieu of a published document. Current topics proposed, but anyone can propose additional topics.
 - d. End Bearing Micropiles (Laczynski) – Goal is for committee to take a position on the practice and issue formal statement
 - e. IBC Allowable Stress Increase (Johnson) – ACI318-19 now allows 100ksi reinforcement in certain situations and ASTM A615 now includes Gr100. Geocoalition Committee has made some proposed revisions that it will submit to IBC for consideration. Initial hearing in Rochester NY in March 2022. Final Hearing in Louisville in September of 2022.
 - f. Update FHWA/NHI Training Course (Cadden)
 - g. ASCE Micropile Design Guide for electrical transmission industry (Davidow). Rough Draft of text expected soon with tables/figures to be added thereafter. Expected publication end 2021. Input welcome as document develops.

- h. Hollow Bar State of the Practice – (Robinson) Task Group formed at 2020 Annual Mtg. To be a collaborative effort between the AER and MP Committees. Several calls held, and several volunteers are drafting updated. Will be similar in organization to FHWA Hollow Bar Soil Nails SOP, but updated and will include MPs and Anchors.
 - i. NCCCO Drill Rig Mgmt Committee (Kevin S/Rick M)
- 5. New Business
 - a. U of Maine Research – MP Casing threaded joints (Ambio) – Proposal submitted to ASDC and approved by Steering Committee, and forwarded to IAF for approval of funding. Initial Testing Phase targeted to begin in July 2020
 - b. AMPIS 2021 – Cincinnati, OH – September 13-17, 2021
 - c. DROS 2021 – San Antonio, TX – October 11-15, 2021
- 6. Education/Upcoming Events
 - a. SuperPile 2021: Philadelphia, PA – June 23-25, 2021
 - b. Super T 2021: Southlake, TX – August 24-27, 2021
 - c. AMPIS 2021: Cincinnati, OH – September 13-17, 2021
 - d. DROS 2021: San Antonio, TX – October 11-15, 2021
 - e. DFI 46th Annual Meeting: Las Vegas, NV – Oct 12-15, 2021
 - f. ADSC Fall Meeting 2021: Vail, CO – Oct 25-27, 2021
 - g. ADSC Annual Meeting 2022: Big Island, HI January 24-28, 2022
 - h. ISM 2022: Denver, CO – Dates TBD
- 7. Government Activities
 - a. NCHRP micropile manual research (Loehr)
 - b. FHWA MP Guide (Nichols) - FHWA waiting for final NCHRP Report
- 8. Research
 - a. Micropile Connections – (Gomez/Robinson) - Completed – under final review
 - b. Grout Testing – Correlation of SG w/ Compressive – Need to research current reports (UDOT 2007) – GEI working on similar research
 - i. Toney (Quanta) doing in house research
 - ii. Paper presented at ISM provided and sent out to committee
 - iii. Next Step?
 - c. Buried Steel Corrosion Study Update (Nichols/PHD)
 - d. Theoretical Limits for Bond Length of MPs in Compression – possibly propose to professors/students/past scholarship applicants to do some research/analysis? Suggest someone interested in this to draft a statement of the problem.
 - e. TIP Testing for Micropiles – Looking for actual project(s) that can try it. Ambio talking to HUB about potential projects
 - f. U of Maine – MP casing threaded joints (Ambio) – See New Business
- 9. Other
 - a. Next Meeting: Superpile – Exact Date/Time TBD
 - b. Steve Davidow will be stepping down as DFI Co-Chair

10. Meeting Adjourned