



ADSC and DFI Micropile Joint Committee Minutes

DFI 49

October 7, 2024

Aurora, CO

2:15 pm- 3:15 pm (Mountain Time)

1. Call to Order & Welcome – **2:15pm Mountain**
 - a. Brief introduction to the committee for those not familiar
 - b. Introduce Denis Ambio as new ADSC co-chair
2. Safety Moment – **Denis Ambio: Be safe and be prepared in flooding situations.**
3. Old Business
 - a. ADSC/DFI Micropile Guide Specification (Bennet) – **Resubmitted. Addressing Matt Glisson's comments and awaiting DFI Technical Advisory Board (TAB) Review. Let Helen know if you'd like a copy of it. It was also sent out to the micropile committee already.**
 - 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 – Draft Complete
 - iv. Load Testing – Craig Smith w Goettle – **Draft in progress. Will be circling back on this after AMPIS.**
 - c. ASCE Micropile Design Guide Chapter for electrical transmission industry (Toney). **Currently at 18 chapters and 4 appendices. Went out to the Blue Ribbon panel through ADSC for review. In home stretch. No word for publication date at this point.**
 - d. Hollow Bar State of the Practice document (Robinson)- Marc Mastrantuono and Sue Frank to advance this. Helen to meet with them to discuss status and re-kickoff effort.
Files found and transferred to the special MS Teams channel. All original members were added to the Teams Group. Will have a re-kickoff meeting soon. Still looking for photos.
 - e. ASCE-GI/SEI Foundation Design Standard (Blackburn) Current effort to write a micropile ASCE standard. Keeping it simple as a design standard, not a construction standard. Looking for assistance from the committee when drafts are ready for review. This will be a true design standard with a commentary section. Hoping to

engage the group for content in the commentary section.

On Pause. No further update

4. New Business

a. ASTM A981 Task Force (Speier)

Even though this ASTM has to do with strand anchors. There is still some crossover. Pete Speier putting together task force. This also includes Type 1L grout research. No other updates.

5. Education/Upcoming Events

a. AMPIS/Ohio Valley Chapter meeting - October 20-25. Still open spots.

b. ISM Abstracts is Due 31st. ISM will be in Spain at Ischebeck 24th-26th of September.

6. Government Activities (Nichols)

FHWA Micropile design guide update. Will become GEC 16. As of Friday, received final draft. Sometime this week Matt Glissen will get the document for public review. Tried to incorporate research by Eric Lore for NCHRP 989, research on casing threads, etc. Design will be shifting from ASD to LRFD. When it goes out for public review, please provide feedback.

7. Research

a. U of Maine – MP casing threaded joints (Ambio)

Physical testing is complete. Student is compiling data. White paper should be available for final review soon. This has to do with multiple casing sizes and thread pitches.

b. ADSC IAF Funded Research on ASTM A981 Testing with Type IL Cement (Robinson)

c. DFI AER Committee CPF Research on ASTM A981 Testing with Type IL Cement (Speier)

d. DFI Micropile Committee CPF Research on Bench Scale Testing of Type IL Cement (Robinson)

Purpose of all of these Type 1L topics is to look at different manufacturers, cement content, limestone content, and checking performance. The test has a 2ft tube with a strand. Still doing testing. No results yet. Testing was also performed at TEI with hollow bar with help from Ischebeck, Skyline, and Williams. Hope to have those results out soon as well.

8. Discussion Topics

a. GEC-16 Feedback

9. Other

a. Next Meetings:

i. Virtual Meeting Schedule (1st Thursday at 11 am ET)

- Nov 7th
- Being rescheduled for 2025. If you have a presentation you'd like to give, let Helen know.

ii. ADSC Annual Meeting in Corondo, CA Jan 26-28 at 10:30AM PST.

iii. ADSC Summer Meeting July 20-22 in Hawaii

10. Meeting Adjourned – 3:03pm Mountain