

ADSC/DFI Micropile Committee

Recent Activities



Committee

● Current Vice-Chairs

- DFI – Thomas Tuozzolo, PE

Moretrench (ttuozzolo@mtac.com)

- ADSC – Bob Carnevale, PE

DBM Contractors (rcarnevale@dbmcm.com)

● 24 Committee Members

● Distribution List of approximately 100 members

● Good Cross Section of Contractors, Engineers, and Suppliers all across North America

Mission

Through the cooperation with, and the direction of, the International Society for Micropiles (ISM), and the use of education, training, seminars, research, specifications, and other means, this committee will work with owners, both private and public, contractors, engineers, and suppliers to increase the use, understanding, quality, and economy of Micropile systems as defined by the joint committee.

2009 Goals

- Develop a Micropile 201 level seminar. Portions to be unveiled in October at the DFI Annual Meeting in New York, NY, and the complete seminar to be launched at the IFCEE 2009 conference in Orlando, Florida.
- Complete the AASHTO construction spec for submission and adoption to complement the design specification completed in 2006.
- Complete the FHWA micropile webinar for inclusion in the FHWA Resource Center.

2009 Goals

- Continue sponsorship and execution of two industry educational seminars each year. On the schedule for 2009 will be a combined seminar with AER Committee in conjunction with AMPIS in September.
- Canvas the committee membership to investigate future research activities/needs that may be suitable to recommend to the IASC (Industry Advancement Steering Committee).
- Review and restate committee membership guidelines and expectations.

Meetings

4 Committee Meetings per year

Recent Meetings Locations

Oct. 2007 – Colorado Springs, CO (22 Attendees)

Feb. 2008 – Palm Springs, CA (63 Attendees)

Apr. 2008 – Dallas, TX (23 Attendees)

Jul. 2008 – Quebec City, QC (36 Attendees)

Oct. 2008 – New York, NY (38 Attendees)

Mar. 2009 – Orlando, FL (45 Attendees)

Next Meeting

July 2009 – Seattle, WA

Seminars Since Last ISM

- Colorado Springs, CO (32 attendees)
- Las Vegas, NV (85 attendees)
- Philadelphia, PA (200 attendees, concurrent sessions)
- New York, NY (105 attendees)
- Orlando, FL (25 attendees)
 - This was our first 201 seminar – raising the bar on the technical information
- Upcoming – Greensboro, NC (September)

Current Hot Topics

- Standardized Casing Joints
- Level 201 Seminars
- AASHTO LRFD Construction Specifications

Standardized Casing Joints

The micropile committee has been working for the past two years to try and formulate a plan to standardize the casing threads used in single use micropile casing.

The committee has met with all the major vendors of casing pipe in the United States, and they have all agreed that this is necessary. The micropile committee is in the process of forming a task force to establish a plan of action.

Standardized Casing Joints

The main purposes of this initiative are:

- Allow contractors to buy from multiple vendors and no matter where the pipe comes from it screws together.
- Once a casing thread is selected, gauges will be made so that each supplier can produce identical threads.
- The final step would be to provide testing of the threads so that we have some real data to offer that is consistent.

Level 201 Seminars

- Level 101 Micropile seminars have been around for about 9 years
- Most people in the industry now know of micropile, so the basic are not always required
- Topics deal with lateral loading, advanced design, and improved drilling techniques

AASHTO Construction Specs

- AASHTO shifting towards LRFD (Load and Resistance Factor Design) Method
- Construction Specification will complement the already approved Design Specification
- Goal to have it approved by the T-15 Committee in the Spring 2010 balloting

Recent Publications

- All available through the ADSC Library
 - Micropiles for Slope Stability – Eric Loehr
 - Grout Strain Compatibility – Tom Richards
 - Forever Translation – Gary Weinstein
 - MICROFOR – Gary Weinstein

Interested in Participating?

Join the ADSC or DFI

Contact dan@contechsystems.com

