CSCE MONTHLY DINNER MEETING – NOVEMBER 2008

Date: Wednesday, November 19, 2008

Sponsor: CSCE Construction Technical Group and the Central Connecticut State University

Speaker: Drew Floyd, PE, New England Regional Manager, Moretrench

*Micropiling in the United States and its Impact in the State of Connecticut*

Drew Floyd of Moretrench American Corporation of Massachusetts will present an overview of the use of micropiles in construction projects throughout Connecticut. Micropiles are one of the largest and fastest growing deep foundation applications because of their ability to be used in areas of restricted access and low headroom installations. Mr. Floyd will explain their advantages given site constraints including access (overhead obstructions, limited access, inside buildings etc), soil conditions (uplift with high rock, bouldery ground where deep foundations may be required, etc.), special situations (vibration sensitive structures), and the provision of additional supplemental structural capacity as well as their challenges (costs, spoils control, and limited lateral capacities). In addition, Mr. Floyd will discuss pertinent micropile research currently being conducted by the Federal Highway Administration (FHWA) as well as case studies in New Haven, Hartford and Danbury.

Location: CCSU, Memorial Hall (Connecticut Room)
1615 Stanley Street, New Britain, CT

Time: 5:30-6:30 PM Social Hour
6:30-7:30 PM Dinner
7:30-8:30 PM Program

Cost: Members: $35.00 Full Time Students: $15.00
Non Members: $45.00 (Please make checks payable to CSCE)

Dinner: Buffet with Chicken Marsala and Marinated Flank Steak

Reservations: Contact Amy Petrone, (860) 526-5935 or by email at admin@csce.org by noon on Nov. 14, 2008.

Directions: From I-84 – Take exit 39A to Rte. 9 South. Take Exit 29 off of Rte. 9 to Ella Grasso Boulevard and take a right turn to the University.
President’s Message

We had another successful dinner meeting at the University of Hartford and I am glad to report that we had approximately 70 attendees. We were introduced to the Commissioner of the Connecticut Department of Transportation, Mr. Joseph R. Marie. We are happy to welcome the Commissioner to Connecticut.

The next meeting will be at the Central Connecticut State University, and is sponsored by the Construction Technical Group. The meeting will be held on **Wednesday**, November 19. The speaker will be Mr. Drew Floyd, PE, regional manager from Moretrench. He will be presenting an overview of a project in Hartford where settlement is a concern. He will also discuss the installation of micropiles and braced excavation.

Every month I will have an update on the ACE Awards. The date has been set for the second annual ACE Awards ceremony, Tuesday, May 12, 2009. This year we are looking for evaluators to help evaluate each project. The technical areas are: Water Resources/Environmental; Transportation; Geotechnical; Structural; and Construction. Please contact me if you are interested in serving as an evaluator at president@csce.org. Applications will be available by the end of the year and will be due by the end of February. We hope you consider submitting a project.

Ron Hill, president of the Fairfield Branch, and I will be attending the ASCE National Convention in Pittsburgh next week. I will provide a summary next month.

I look forward to seeing you at the November dinner meeting. I encourage you to participate and attend this dinner. Remember to keep checking the CSCE website at [www.csce.org](http://www.csce.org) as we continue to update the calendar and committee activities.

Christopher M. Holden, P.E., M.ASCE
President
October 2008 Brain Teaser’s Answer: Squares which can be considered 3 years older than a child’s age are 4, 9, 16. Of these, only 9 gives its square root when you subtract 3 and again 3. The child’s age is 6.

With differences other than 3, we might have:

\[ 2+1 = \text{age 3}; \quad 3+1 = 2 \times 2; \]
\[ 4+6 = \text{age 10}; \quad 10+6 = 4 \times 4; \]
\[ 5+10 = \text{age 15}; \quad 15+10 = 5 \times 5. \]

November 2008 Brain Teaser: Eight dice are stacked on top of each other on a table. You are to walk around the table and, without touching the dice, add up all the numbers that are covered. What is the total number?

The solution will be shown in the next newsletter. Want to stump your colleagues? If so, submit your Brain Teaser (and solution) to the editor at NL-Editor@csce.org.

Coming Events

November 20th, 2008: 2008 Connecticut Soil Survey Work Planning Conference - The Connecticut NRCS Soil Staff cordially invites you to their Work Planning Conference, November 20, 2008, at the Tolland County Agricultural Center, 24 Hyde Avenue, Vernon, Connecticut. The conference will start at 9:30 AM and finish by 3:00 PM. Lunch will be available for a nominal fee. An agenda will be available and posted on our website at www.ct.nrcs.usda.gov. Please contact Shawn McVey by November 6, 2008, at (860) 871-4044 or shawn.mcvey@ct.usda.gov to RSVP or if you have any questions or comments. Also, contact Shawn should you require special accommodations or require materials provided in alternative formats.
2008-2009 CSCE MONTHLY MEETING CALENDAR

Please mark your calendars!

- Wednesday, November 19, 2008 at Central Connecticut State University
- Tuesday, January 20, 2009 at the Three Bears Restaurant
- Wednesday, March 18, 2009 at the University of New Haven
- Wednesday, April 15, 2009 at the United States Coast Guard Academy

ACE Awards Ceremony – Tuesday, May 12, 2009 at the Aqua Turf Club in Plantsville

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**AI Engineers, Inc. (AI)** is a dynamic 100-person engineering company with tremendous opportunities for technical professional development as well as learning and practicing state-of-the-art management skills. We are seeking articulate, high energy, committed individuals in civil/site, structural, bridge, transportation, M/E/P and sustainable design and construction from entry level to senior management positions. If you are looking for a well managed, transparent, incentive-based company culture where the sky is the limit for growth, please send your resume to hr@aiengineers.com or call (860) 635-7740.

**BVH Integrated Services – Structural Engineers** - BVH Integrated Services (www.bvhis.com) is currently seeking civil and structural engineers with 3 to 5 years experience, as well as CADD operators for our Bloomfield, CT office.

BVH is a progressive 100-person firm that respects our employees and treats them as professionals. What we expect from everyone on our team is hard work, a willingness to adapt, and a can-do attitude. What we offer in return is a great working environment, the chance to learn and grow, and a highly competitive salary package. We also offer a comprehensive benefits package including 401k with match and generous company contributions to dental and health plans.

BVH is presently working on some of the most interesting and challenging projects in the region. From university science centers to nanotechnology laboratories, convention centers to LEED-certified buildings, BVH produces hundreds of projects annually for clients in the academic, research, healthcare, and corporate sectors.

Let us show you what a great place BVH can be for you. To apply, submit your cover letter and resume to: BVH Integrated Services, 50 Griffin Road South, Bloomfield, CT 06002; F: 860-242-0236; marial@bvhis.com. EOE

**CJOJ, LLC - Civil Engineer, New Milford, CT.** CJOJ, LLC is a well-established Land Surveying and Engineering company that has been in business for over 70 years. Typical projects include site planning, subdivision design and commercial development. Requirements: CT Engineer License, strong communication skills, experience in grading, site design and Autocad. This position offers stability and challenge with competitive pay. Please email resume to cjo3@snet.net or contact C.J. at 860-354-5452

**CME Associates, Inc. – Highway and/or Traffic Engineer** - CME is a full-service architectural, engineering and environmental consulting firm with three offices in Connecticut. The firm is seeking a full-time Highway Traffic Engineer in its East Hartford location. The ideal candidate has a B.S. in Civil Engineering with a concentration in traffic and/or highway engineering preferred, with 3-6 years experience. Knowledge of CADD is required while experience in Microstation and In-Roads considered a plus. Check for more details on the website www.cmeengineering.com. Interested candidates should send a cover letter and resume to: Human Resources, CME Associates, Inc., 32 Crabtree Lane, Woodstock, CT 06281. CME is an Equal Opportunity Employer.

**GeoDesign, Inc.**, a geotechnical, construction and environmental engineering firm, has several opportunities for geotechnical engineers, entry level and above. Masters degree, and E. I. T., or P. E. preferred. We offer competitive salary and benefits packages. Contact Randall T. States, P.E. (203) 758-8836, ext. 111, by fax: (203) 758 8842 or by Email: rtstates@geodesign.net GeoDesign is an Equal Opportunity Employer.
**Diversified Technology Consultants** - One of CT's leading engineering consulting firms, is seeking Civil Engineers for our expanding No. Haven, New London & Stamford offices:

*Civil PE:* 7-15 yrs exp Proj. Mgr to work w/public & private clients incl. education, municipal, commercial and recreational throughout central and southern New England. Exp. w/regulatory permitting, construction administration, PE, CAD proficiency & good communication skills required.

*Project Civil:* 0 -5 years diverse experience in planning, design and construction in the public and private sectors. Permitting, w/municipal & state exp preferred, CAD required. Excellent benefits package that includes medical and dental, competitive salary, 401k & comfortable work environment. Please fax, email resume & salary requirements in confidence to: 203-234-7376 or hr@teamdtc.com, www.teamdtc.com.

**Malcolm Pirnie, Inc.** – A Nationwide Engineering Consulting Firm, has several opportunities for Environmental Engineers, entry level. Types of work include water and wastewater design and planning, in addition to openings for construction resident engineers. Bachelors degree and E.I.T. preferred. Very competitive salary and benefits packages. Contact Tom Loto, P.E. (860) 635-3400, by Fax: (860) 632-0036 or by E-mail: tloto@pirnie.com. Malcolm Pirnie is an EOE.

**McNary Bergeron & Associates** specializes in design and construction engineering for all phases of complex bridge projects. We are growing and looking for structural engineers in our Connecticut and Colorado offices. Are you one of us? Please visit our website at www.mcnarybergeron.com. We accept resumes in confidence at bridges@mcnarybergeron.com.

**Ocean and Coastal Consultants, Inc.** currently has an opening in our Trumbull, CT office for an experienced Geotechnical Engineer for US and international waterfront and structural projects. The ideal candidate will have soil-structure interaction expertise, 5 to 10 years of design experience, a Professional Engineer license and an interest in international travel, through our parent company COWI A/S (www.cowi.com). A Masters degree with specialization in Geotechnical Engineering is preferred. Fieldwork will be required. Ocean and Coastal Consultants, Inc. is an “Affirmative Action/Equal Opportunity Employer”.

Ocean and Coastal Consultants, Inc. (OCC) has an experienced team of professionals providing complete coastal and waterfront engineering solutions with a commitment to quality and attention to customer satisfaction. OCC, with offices in Connecticut, Massachusetts, and New Jersey, offers opportunities to work on challenging and diverse projects, a positive work environment, and competitive salaries and benefits. Our affiliation with COWI, an internationally acclaimed engineering firm, provides our employees with opportunities for career enhancement and a world class employment experience. You can visit our website www.ocean-coastal.com for more information and to apply on-line or email Joseph Marrone, P.E. at jmarrone@ocean-coastal.com.

**Siefert Associates, LLC** is seeking a motivated Civil Construction Engineer - Structural Engineer with field savvy and structural engineering experience, with geotechnical knowledge helpful. Our challenging projects include Bridges of all types, Railroads, Subways, Marine Facilities, Foundations, Utilities, Power plants, and more. Current sites include Triboro Bridge, Tappan Zee Bridge and World Trade Center Transportation Hub. We provide Working Drawings and Calculations, tailored to the preferred Means and Methods of Contractors for ongoing construction projects. BS and EIT Required, Current P.E. registration is preferred. This position comes with top pay, fringe benefits and future advancement potential. Contact Vincent Siefert P.E., 203-723-1477 www.siefertassociates.com.
**Structural Consulting Services, P.C.** – Structural Engineer - Structural Consulting Services, P.C. is a fast growing structural engineering firm located in Brookfield, CT. We specialize in new building construction & renovations and in shoring, sheeting & underpinning designs for the construction industry throughout the metro New York City area and New England. We have an immediate need for an experienced Structural Engineer with a minimum of 5 years U.S. design experience in building design and/or construction support designs. BSCE or MSCE required, PE preferred and proficiency with AutoCAD a plus. Candidate must have good communications skills, be highly motivated and a practical designer with the ability to handle multiple projects. We offer a competitive salary and benefits package including medical, dental, 401(k), paid holidays, vacation & personal/sick time, and paid professional license registrations & renewals. Please submit a cover letter & resume via mail, fax or email to: 67 Federal Road, Brookfield, CT 06804; (203) 740-7578 Phone; (203) 775-5670 Fax; info@scs-pc.com Email.

**Wengell, McDonnell & Costello, Inc.** located in Newington, CT, is currently seeking individuals for the following positions: Structural Engineers, Hydraulic Engineers, CADD Operators/Civil Engineering Technicians, and Construction Inspectors. For more information, please call us at (860) 667-9624 or visit our website at www.wmcengineers.com. EOE M/F

**Zieman Engineering, LLC** – Structural Engineer/Construction Engineer – Zieman Engineering is a structural engineering firm specializing in designing construction procedures, temporary structures and specialized equipment for contractors involved in major and complex construction projects throughout the northeast. Typical projects include significant bridge erection procedures, heavy lifting, rigging and jacking operations of all kinds, and temporary structures for rehabilitation projects. We seek a BSCE with minimum 5 years experience in either structural design or field engineering for a contractor. Must be a creative and practically oriented problem solver with an interest in structural design as well as construction field operations. Competitive salary and benefits. Flexible hours are possible if needed to ease commuting. For additional information, see www.ziemanengineering.com. Please email resume to tz@ziemanengineering.com.
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