CSCE MONTHLY DINNER MEETING – MARCH 2008

Date: Wednesday, March 12, 2008

Sponsor: University of New Haven ASCE Student Chapter & CSCE Structures Technical Group

Speaker: David Carlson, P.E., M.ASCE, Principal, Spiegel Zamecnik and Shah, Inc. Mohammed Ettouney, Ph.D., P.E., M.ASCE, F.AEI, Principal, Weidlinger Assoc., Inc.

Topic: Veterans Memorial Coliseum, New Haven, Connecticut – Demolition By Design

The presentation will provide an overview of the demolition and protection design, and the implosion of the New Haven Coliseum, which was imploded on January 20, 2007. The demolition design encompassed safe and cost effective demolition of the massive air rights structure and protection of various sensitive utilities around and below the structure, blending advanced analysis, experience based simplified designs, and good old engineering judgment. The Coliseum project was unique as it was first, and so far, the only, real (not realistic) blast protection design utilized in building demolition. The Coliseum’s progressive collapse pattern was an integral part of the protective design. The green design used construction materials from the site, and instituted two new simple, original, inexpensive, yet accurate in-situ testing methods for soil dynamic properties and the ultimate strength of used tires incorporated into the energy absorption system. Post test measurements made at nearby residential buildings proved that simplified wave propagation scaling techniques used during design phase to be accurate. The sensitive utilities that were to be protected below and adjacent to the building were 100% unscathed. This result was the ultimate proof of successful, original and cost-effective project.

Location: Jimmies of Savin Rock, 5 Rock Street, West Haven, CT

Time: 5:30 PM Social Hour, 6:30 PM Dinner and 8:00 PM Program

Cost: Members $35, Non-Members $45, Full Time Students $15 (Make checks payable to CSCE.)

Dinner: Prime Rib, Baked Stuffed Filet of Sole, Baked Stuffed Chicken, or Pasta Primavera

Reservations: Reservations are required. Please contact Amy Petrone at (860) 526-5935, or e-mail admin@csce.org by noon, Wednesday, March 5, 2008. Please provide your name, affiliation, dinner choice and phone, fax, or e-mail.

Directions: I-95 North (Exit 42, Sawmill Road): At bottom of exit ramp, turn left, and follow the road for about 2 miles until you reach the shoreline.

I-95 South (Exit 42, Sawmill Road): At bottom of exit ramp, turn right, and follow the road for about 2 miles until you reach the shoreline.
PRESIDENT’S MESSAGE

We are getting to the final months before the summer break. Preparations are underway for various upcoming events, including our first annual Achievement in Civil Engineering (ACE) Awards.

At our May 5, 2008 dinner event at the Aqua-Turf Club in Southington, CSCE will honor the design and construction achievements of Connecticut civil engineers. The ACE Awards will commend projects where significant engineering expertise or innovation was exhibited by CSCE members. The ACE Awards will distinguish the projects, and thereby honor the overall contributions of numerous engineers and other team members.

The awards application packet has been included with this newsletter. It will also be mailed to our members and Connecticut engineering and construction firms, as well as public agencies and municipalities. For more information, or if you are interested in obtaining an application packet, contact Ron Nault at 203/288-5188 ext 207, or by email at nault@luchs.com.

In the meantime, many other activities are planned. Our March dinner meeting will feature a discussion by David Carlson and Dr. Mohammed Ettouney regarding the “Veterans Memorial Coliseum, New Haven, Connecticut – Demolition By Design”. This exciting topic will based on an article which appeared in the December 2007 Civil Engineering Magazine. Also at the March meeting will be a presentation by the University of New Haven Concrete Canoe Club regarding their progress toward completion of this year’s canoe.

Finally at the March Meeting, a check in the amount of $500.00 will be presented to the CSCE Scholarship fund in the name of Dr. Ettouney and Weidlinger Associates, Inc. for their unselfish contributions toward this January’s successful Structures Technical Group Seismic Design Seminar. Many thanks to all who participated in the planning of this event.

ASCE’s Region 1 Assembly will be held on Saturday, April 5, 2008 in Springfield, MA. This event will be held in conjunction with the New England Council Meeting, and the Region 1 Board of Governors meeting. Contact me or Billy Cunningham if you are interested in attending.

Finally, a reminder that Benjamin Wright Award Nominations are due by April 13, 2008. Contact Billy Cunningham for more information.

Hope to see you at the Dinner Meeting and our future events!

James Silva, P.E., M.ASCE
President
LET CSCE HEAR WHAT YOU HAVE TO SAY – TAKE THE NEW SURVEY

CSCE is investigating what members are looking for from their involvement with ASCE and CSCE. In order to improve CSCE’s membership and participation, we invite all members to take a short survey – it takes only a couple minutes to complete. Please visit the CSCE website (www.csce.org) and follow the instructions there or simply click on the following link:


FIRST ANNUAL CSCE “ACE” AWARDS
FOR ACHIEVEMENT IN CIVIL ENGINEERING

Were you involved in a project that should be recognized? If so, keep in mind that CSCE will be presenting its first annual ACE Awards at the May 5th meeting. The categories are Water Resources/Environmental, Transportation, Geotechnical, Structural, and Construction. Application information and forms are available in the full version of the newsletter which is posted at CSCE’s website (www.csce.org). Applications are due April 14, 2008. For more information, please contact Ron Nault at (203) 288-5188 ext. 207, or vice-president@csce.org or nault@luchs.com.

BENJAMIN WRIGHT AWARD NOMINATIONS

The Benjamin Wright Award is CSCE’s highest award, presented each year to a civil engineer practicing in Connecticut who has demonstrated outstanding practice in his or her career, and made significant contributions to civil engineering. Please consider nominating a deserving colleague. Nominations are due by April 13, 2008. The Executive Board will vote to determine the award winner and make the presentation at our annual meeting in May. Candidates will be considered for several years following their nomination. Nominations should be directed to Randall States (rtstates@geodesign.net), Billy Cunningham (Director-I@csce.org), or Tom Roy (Director-II@csce.org).

CONTINUING EDUCATION & CSCE SPONSORED SEMINARS

The Continuing Education Committee looks forward to hosting technical and management seminars on topics of interest to our members. We rely on feedback from fellow members and technical committee chairs as to which topics are “hot”. Please forward any seminar topics you would like to see to Ron Nault c/o Luchs Consulting Engineers, LLC - phone (203) 288-5188 ext. 207; fax (203) 288-2583 or nault@luchs.com.

THE BRAIN TEASER CORNER

February 2008 Newsletter Solution (A Three Digit Number) – 504.

March 2008 Brain Teaser: On the outside of a room there are 4 light switches. On the inside of the room are 4 light bulbs. How can a person match each of the four light switches to the four corresponding light bulbs if he or she is only permitted to enter the room once?

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.
2007-2008 CSCE MONTHLY MEETING CALENDAR
Please mark your calendars!

- Tuesday, April 15, 2008 at U.S. Coast Guard Academy (Newsletter submissions due by March 28)
- Monday, May 5, 2008 at the Aqua Turf in Southington (Newsletter submissions due by April 18)

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ACHIEVEMENT IN CIVIL ENGINEERING (ACE) AWARDS PROGRAM

The Connecticut Society of Civil Engineers Section of the American Society of Civil Engineers (CSCE) aims to enhance the professional growth of its individual members, the advancement of engineering knowledge, the maintenance of high professional standards, to promote civil engineering education, to foster student membership and participation and cooperation with other engineering societies, in a manner consistent with the objectives of ASCE.

CSCE is honoring the design and construction achievements of Connecticut civil engineers. These Achievement in Civil Engineering Awards or “ACE” Awards will commend projects on which significant engineering expertise or innovation was exhibited by CSCE members. The ACE Awards will distinguish the projects, and thereby honor the overall contributions of numerous engineers and other team members.

At its May 5, 2008 dinner event at the Aqua Turf Club in Southington, CSCE will present first place and Award of Merit ACE Awards in some or all of the following categories: Construction; Geotechnical; Structural; Transportation; and Water Resources/Environmental. CSCE will also recognize its members who were key participants on winning project teams.

In order to be eligible, a project must have been constructed between July 1, 2006 and December 31, 2007, in Connecticut. Additionally, CSCE members must have been involved in the design and/or construction phase of the project. Along with a completed ACE Awards Application Cover Sheet (see other side of sheet), applicants should also submit the following materials:

- A narrative (no more than three pages) explaining why the project deserves a CSCE ACE Award;
- A list of CSCE members involved and a summary of their significant contribution;
- Client testimonials or recommendations;
- Newspaper articles; and
- Any other materials that will assist in evaluating the merits of the project.

If an ACE Award is being sought for a project in more than one category, a separate application package must be prepared for each category.

There is no application fee. All applications must be received by CSCE no later than Monday April 14, 2008. Prior to submitting an application, please ensure that all necessary permissions have been obtained from the owner (and other project team members) to allow for the disclosure of information about the project and team members, and photographs of the project.

Each application will be evaluated by a jury established by the CSCE executive board, based upon the following criteria:

- Advancement and innovation in the field of civil engineering;
- Accomplishment of project objectives in the face of significant challenges;
- Contribution to the well-being of people and communities;
- Ingenuity in construction techniques, materials or design;
- Excellence in the management of the design and/or construction process;
- Client satisfaction.

After the presentation of the awards, CSCE will send out a press release recognizing all projects and team members receiving ACE Awards. Additionally, 2008 ACE Award recipients will be noted in the program for CSCE’s 2009 ACE Awards dinner.

For more information, please contact: Ron Nault at (203) 288-5188 ext. 207 or nault@luchs.com.
2008 CSCE ACE Awards Application Cover Sheet

This application is submitted for consideration for the following ACE Award (pick only one):

- Construction
- Structural
- Transportation
- Geotechnical
- Water Resources/Environmental

Project Name: ____________________________________________________________

Address, City, State: ______________________________________________________

Date of Project Completion: _____________________________________________

Name of Applicant: ______________________ Firm Name: ______________________

Project Team Members (Engineers, Architect, Contractors, Construction Manager, Owner, and others):
Use additional pages if needed

Firm Name: ____________________________ Firm Name: ____________________________

Firm Address: ____________________________ Firm Address: ____________________________

Contact Person: ____________________________ Contact Person: ____________________________

Contact Email Address: ____________________________ Contact Email Address: ____________________________

Project Role: ____________________________ Project Role: ____________________________

Firm Name: ____________________________ Firm Name: ____________________________

Firm Address: ____________________________ Firm Address: ____________________________

Contact Person: ____________________________ Contact Person: ____________________________

Contact Email Address: ____________________________ Contact Email Address: ____________________________

Project Role: ____________________________ Project Role: ____________________________

Please also submit the following: (1) a narrative (no more than three pages) explaining why the project deserves a CSCE ACE Award; (2) a list of CSCE members involved and a summary of their significant contribution; (3) Photographs (in printed and digital formats); (4) client testimonials or recommendations; (5) newspaper articles; and (6) any other materials that will assist in evaluating the merits of the project.

This completed form is the cover sheet of your application package. Please submit six (6) copies of the application package to Connecticut Society of Civil Engineers c/o Ronald J. Nault, P.E., Luchs Consulting Engineers, LLC, 1952 Whitney Avenue, Hamden, CT 06517, so that it is received no later than Monday, April 14, 2008.
LEGISLATIVE AFFAIRS UPDATE

Connecticut’s 2008 Legislative Session of the General Assembly kicked off on February 6. Being an even year, this year’s will be a “short” session scheduled to end on May 7. CSCE’s Legislative Affairs Committee is actively monitoring proposed legislation and advocating for the interests of the civil engineering community in Connecticut with the State’s elected leaders.

Some of the current bills in the State Legislature that are being tracked include:

- Bill No. 5041 “An Act Concerning the Creation of a Department of Public Transportation, Aviation and Ports and a Department of Highways”
- Bill No. 43 “An Act Authorizing the Department of Transportation to Utilize a Total Cost Basis Project Delivery Method”
- Proposed Bill No. 5069 “An Act Reducing Occupational Licensing Fees”

If you have a particular statutory concern, or have an idea regarding potential legislative changes which would benefit the civil engineering community, please contact Roy Merritt, Legislative Affairs Committee Chair at (860) 257-7377 ext 27.

ATTENTION YOUNGER MEMBERS

Younger Members are considered to be 35 years of age or younger. The Younger Member Committee fosters the professional growth, ethical awareness, and technical competence of the Section’s younger members. The Committee sponsors both technical and non-technical trips. The Committee encourages membership and participation in ASCE and CSCE Committees, Technical Groups, and other activities. If you are interested in meeting fellow peers, please contact Sara Ramsbottom at sara.ramsbottom@ct.gov. The Committee holds monthly meetings with food and beverage provided.

The Younger Member Committee has scheduled a day to volunteer with Habitat for Humanity on Saturday, April 12th. The location is to be determined, but we should know soon. If you are interested, please contact either Sara Ramsbottom (sara.ramsbottom@ct.gov) or Tracey Adams (tadams@chashsells.com). There is a maximum number of people per group. You can also check out the Habitat for Humanity website: www.hartfordhabitat.org, for general information about volunteering.

The March younger member meeting will be Tuesday, March 18th at 5:30 pm at Eli Cannon's in Middletown. (In the event of bad weather, it may be postponed.)
UNIVERSITY OF HARTFORD ENGINEERS WITHOUT BORDERS FUND RAISER

You are cordially invited to the EWB Hartford Student Chapter’s 2nd Annual Fund Raising Dinner!

- Informal Presentation of the Students’ Personal Experiences,
- Learn about the implementation of solar well for Abheypur, India
- Design of Rooftop Rain Water Harvesting System for Village’s Primary Girls School

Wednesday, April 9th at the Konover Campus Center from 6:30 PM to 9:00 PM. Admission is $50, and the event will be catered by Taste of India. Donate at [http://uhaweb.hartford.edu/cee/ewb/index.html](http://uhaweb.hartford.edu/cee/ewb/index.html) or peruse the Student Blog at [http://ewbthejourney.squarespace.com/](http://ewbthejourney.squarespace.com/).

RSVP to Rachel LaDue, EWB President, at (865) 776-3884 or ladue@hartford.edu.

ASCE REGION 1 ASSEMBLY

The ASCE Region 1 Assembly will be held at the Holiday Inn Downtown Springfield in Springfield, MA on April 4-6, 2008. The schedule will be as follows:

- Friday, April 4 - Public Relations Training; 12:00 PM - 8:00 PM (for members interested in representing ASCE on various civil engineering issues)
- Saturday, April 5 - Assembly Meeting; 8:00 AM - 11:00 AM
- Saturday, April 5 - Basketball Hall of Fame; 11:00 AM - 2:30 PM
- Saturday, April 5 - Assembly Meeting; 2:30 PM - 6:30 PM
- Sunday, April 6 - New England Council Meeting; 8:00 AM - 12:00 PM
- Sunday, April 6 – Region 1 Board of Governors Meeting; 12:00 PM - 5:00 PM

Please contact Billy Cunningham at (203) 723-5830 or Director-I@csce.org for more information.

MAKE SURE YOU’RE GETTING THE FULL NEWSLETTER

Don’t forget that all CSCE members who have a current email address on record with ASCE receive the full version of each monthly newsletter by email. If you’re not receiving this and want to, go to ASCE’s website ([www.asce.org](http://www.asce.org)) and click on the “Members Only / Update Membership Information” link, or call ASCE at (800) 623-9068. Keep in mind that the full newsletter is posted on CSCE’s website ([www.csce.org](http://www.csce.org)). Also, if you wish to receive the newsletter by electronic means only, please send an email to NL-Editor@csce.org.
TAKE ADVANTAGE OF ASCE’S TECHNICAL SPECIALTY INSTITUTES

Of the approximately 1470 ASCE members in CSCE’s database, about one third have not enrolled in any of ASCE’s eight technical specialty institutes:

- Architectural Engineering Institute (AEI)
- Coasts, Oceans, Ports, and Rivers Institute (COPRI)
- Construction Institute (CI) -- New in 2008!
- Engineering Mechanics (EMI)
- Environmental & Water Resources Institute (EWRI)
- Geo-Institute (G-I)
- Structural Engineering Institute (SEI)
- Transportation & Development Institute (T&DI)

All ASCE members are eligible to join one Institute at no additional cost; additional Institute memberships are available at $20 each. When you receive your 2008 ASCE dues statement, take a moment to see if you are missing out on this member benefit. You can also go online (www.asce.org/myprofile) to update your membership information or call 703-295-6000 or 703-295-6351 to request additional Institute information and to join an Institute. ASCE’s Institutes work to advance the knowledge and practice of specific civil engineering specialties by focusing on the technical, educational, and professional issues within that area. By enrolling, you are brought together with other professionals within your specialty area and are provided with a variety of additional resources. Become an Institute member today!

21ST SYMPOSIUM ON THE APPLICATION OF GEOPHYSICS TO ENGINEERING AND ENVIRONMENTAL PROBLEMS

The Environmental and Engineering Geophysical Society (EEGS) has scheduled its 2008 conference in Philadelphia. The 21st Symposium on the Application of Geophysics to Engineering and Environmental Problems (SAGEEP) will be held at the downtown Marriott on April 6-10. This is the premier near-surface geophysical gathering in North America. This is the first time it has been held in the northeast. The field demonstration (including most major geophysical equipment companies) will be held at a nearby park providing a hand’s on opportunity for all attending. Special sessions include:

- Innovative 3-D Seismic Survey Applications to the Near-Surface
- Geophysical Applications for Landslide Hazards
- Abandoned Mines
- Future of Geophysical Technology
- Unique Developments in Electrical Resistivity
- Marine and Beach Geophysics
- Special Challenges in Surface Wave Processing

For more information, please visit http://www.eegs.org/sageep/index.html
EMPLOYMENT OPPORTUNITIES

BETA Group – BETA Group, Inc., established in 1982, has grown to become a regional leader in the fields of transportation, environmental engineering, structural engineering and environmental sciences. BETA, with offices in Lincoln, Rhode Island, Norwood, Massachusetts and Rocky Hill, Connecticut, employs over 100 engineers, scientists, planners, technicians, construction managers and support personnel. BETA provides services to Federal, State, Municipal and private clients in the New England area.

BETA is seeking ambitious, highly motivated Entry Level and Project Civil Engineers to work in a team orientated atmosphere on transportation / environmental projects. Candidates will be responsible for roadway, site, drainage, sewer and utility design. Proficiency in AutoCAD and/or Microstation is preferred. Entry level position requires BSCE degree and EIT, Project Engineer position requires 4-8 years experience and CT PE.

BETA Group is an AA/Equal Opportunity Employer. We offer an exceptional compensation package with excellent medical, dental, Life Insurance, 401(k) and ESOP options. Please send resume to Robert Kelly, Vice President (RKelly@Beta-Inc.com) or mail to BETA, Group, Inc., 750 Old Main Street, Rocky Hill, CT 06067.

BVH Integrated Services – Civil and 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

Connecticut Department of Transportation - Engineer Intern (full-time permanent position) - A Bachelor’s degree is required in either civil engineering or industrial technology; Starting Salary is $46,358; Submit a cover letter, resume and application (Form PLD-1) to dot.recruiting@po.state.ct.us; Application forms are available at: www.ct.gov/dot/recruitment.

Transportation Engineer 1 – Experience required: Five years’ experience in civil engineering (College training may be substituted to maximum of four years for a Bachelor’s degree); Starting Salary $50,846; Please see www.ct.gov/dot/recruitment for additional information and application instructions.

Transportation Engineer 2 – Experience required: Six years’ experience in civil engineering. One year of the general experience must have been in a professional civil engineering (non-training) capacity; Please see www.ct.gov/dot/recruitment for additional information and application instructions.
EMPLOYMENT OPPORTUNITIES (continued)

BL Companies, an ENR Top 400 Design Firm, has excellent career opportunities immediately available for self-motivated, dynamic professionals to fill positions with a rapidly expanding, multi-disciplined design firm in Hartford, CT and Meriden, CT. The Transportation Engineering group is looking to add positions in both locations as a result of continued growth and recent project awards. These positions offer tremendous growth potential in an exciting work environment.

Bridge Engineers (Project Manager, Senior Engineer and Project Engineer) – BL Companies is seeking Bridge Engineers at the Project Manager, Senior Engineer and Project Engineer levels to work in its Transportation Engineering group on projects for ConnDOT and CT Municipalities. Project Managers with approximately 8 to 15 years experience, Senior Bridge Engineers with approximately 4 to 8 years experience and Bridge Engineers with approximately 0 to 4 years of experience are desired. CTDOT bridge design experience is preferred. Knowledge of AutoCAD and/or MicroStation required. Excellent technical, communication skills and PE/EIT preferred.

Transportation Engineers (Senior Engineer and Project Engineer) – BL Companies is seeking Transportation Engineers at the Senior Engineer and Project Engineer levels to work in its Transportation Engineering group on infrastructure and transportation projects for ConnDOT and CT Municipalities. Senior Engineers with approximately 4 to 8 years experience and Project Engineers with approximately 0 to 4 years of experience are desired. CTDOT and CT municipal design experience is preferred. Knowledge of AutoCAD, MicroStation, LandDesk Development or Inroads required. Excellent technical, communication skills and PE/EIT preferred.

Hydraulic and Drainage Engineer – BL Companies is seeking a Hydraulic and Drainage Engineer with 4 to 8 years experience to work in its Transportation Engineering group on projects for ConnDOT and CT Municipalities. CTDOT hydraulic analysis / design experience is preferred. Knowledge of AutoCAD, MicroStation, HEC-RAS and related hydrologic/hydraulic software required. Excellent technical, communication skills and PE/EIT preferred.

Traffic Engineer – BL Companies is seeking a Traffic Engineer with 0 to 7 years of experience to work in its Transportation Engineering group on projects for ConnDOT, CT Municipalities and private development projects. Knowledge of AutoCAD, MicroStation, HCS and Synchro required. BSCE required and PE/EIT preferred.

BL Companies offers an excellent benefits package and fosters a growth-oriented work environment. Please send resume to: Julie Giontonio, Recruitment Manager, BL Companies, 355 Research Parkway, Meriden, CT 06450, via fax to 203-630-2615 or e-mail resumes@blcom.com. EOE. Visit our website at www.blcompanies.com. An Employee Owned Company.

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.
EMPLOYMENT OPPORTUNITIES (continued)

The Chazen Companies has immediate openings for Project Civil Engineers in our New London, Connecticut office. Project Civil Engineers can join creative multi-disciplinary teams involved in the development of rewarding land development projects. Our engineers have access to state of the art tools to deliver design products that lead industry in technical quality. Civil Engineers involved in hands-on design, technical analysis, or field support get the opportunity they need to put their careers in high gear. Minimum 5 years experience, B.S. in Civil Engineering/Technology, P.E. required. To apply please visit our website at www.chazencompanies.com.

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 is 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.

DiBlasi Associates, P.C. – Senior Structural Engineer – DiBlasi Associates, P.C., one of Connecticut’s leading structural engineering firms, has an immediate opening for structural engineer with project management experience. The firm specializes in the design and investigation of complex building structures. Project types include educational facilities, office buildings, power plants, parking structures, institutional facilities and residential facilities. Applicants should have a minimum of seven years experience in building design using steel, concrete, and timber structural systems. Applicants should be capable of managing multiple projects and overseeing the production of construction documents. Experience with RAM Structural System and AutoCAD a plus. Connecticut PE license is required. Good communications skills and the ability to work with a variety of clients are a must. Competitive salary and benefits including Medical, Dental, SEPP. The firm maintains a strong commitment to continuing education and is active in many professional organizations. We are an equal opportunity employer. Resumes can be mailed to 500 Purdy Hill Road, Monroe, CT 06468; faxed to (203) 268-8103; or emailed to personnel@DiBlasi-Engrs.com.

PB Americas, Inc. – Resident Engineers and Construction Inspectors – PB Americas, Inc., a worldwide, employee-owned engineering and construction services company, has immediate openings for Resident Engineers and Construction Inspectors in southwestern Connecticut. Potential candidates shall have experience in road and bridge reconstruction and a minimum of 5 years combined experience in construction administration and inspection. Min. ASCE with EIT or NICET Level II preferred for the inspection positions; Min. BSCE with CT PE or NICET Level III preferred for RE positions. Familiarity with CONNDOT policies and procedures preferred. We offer a competitive compensation package. EOE M/D/F/V. Please send resumes to PB Americas, Inc., 148 Eastern Blvd., Suite 200, Glastonbury, CT 06033, Attn.: Anthony A. Moretti.
EMPLOYMENT OPPORTUNITIES (continued)

**Diversified Technology Consultants**, one of CT’s leading engineering consulting firms has several positions available for our expanding North Haven and Norwich offices. DTC is an award winning, top 500 multidisciplined design firm. For over 29 years our firm has provided consulting services in planning, landscape architecture, MEP engineering and construction administration to municipal, state & federal agencies and private industry on a nationwide basis. To learn more about DTC, visit our website at [www.teamdtc.com](http://www.teamdtc.com).

We are seeking several *Civil Engineers* with 2+ years experience. Emphasis on site plan development, stormwater management plans, specs., construction admin & cost estimates. Projects include multidisciplinary institutional contracts to $70 million. Must be proficient in AutoCAD and LDD. Experience in Haestad StormCad and HEC-HMS a plus.

We also have a need for a *Senior Highway Engineer, PE* with 7-10 years experience in CT & Mass highway & bridge design. PE, Microstation & AutoCad required. Experience working with DOT and possessing good communication and project management skills desirable.

In addition, we have a new opportunity for a *Structural Engineer*. Must have strong knowledge of building codes, construction industry standards and a minimum of 5 years of design experience in steel, concrete & masonry structures. Experience in Ramframe software a must, RISA & Rivet a plus. Bachelor’s degree in Civil/Structural Engineering required, PE preferred.

We offer an excellent benefit package that includes medical & dental, competitive salary, 401k program and a comfortable work environment. Please fax/email resume: 203-234-7376 or hr@teamdtc.com.

**Earth Tech** – Earth Tech has immediate openings for Civil/Transportation Engineers of all experience levels. Opportunities are available for candidates interested in growing their technical, project management, and leadership careers. Projects represent the full spectrum of study, design, and construction services for clients both large and small. Earth Tech offers a competitive benefits package including, but not limited to: medical, dental, 401K savings plan, Employee Stock Purchase Plan, tuition reimbursement, professional development program and computer purchase plan.

*Transportation Engineer I* – Working under the general supervision of a Senior Engineer, duties will include preparation of plans, specifications and estimates for highway and other transportation projects. Bachelor’s Degree in Civil Engineering required.

*Mid-Level Transportation Engineer* – Prepare plan specifications and estimates for highway and other transportation projects. BSCE with at least 5 years experience in the development of highway and transportation designs. Registration as a Professional Engineer preferred. Proficiencies in Microstation or Autocad.

*Senior Transportation Engineer* – Candidate must be a PE with 8-12 years of experience in ConnDOT highway design. Ability to communicate and supervise designers. Project experience beneficial and desired. Microstation and Inroads proficiency required. BS Required, MS preferred. This position offers opportunity for management career path for qualified applicants.

Contact James W. Ford, P.E., james.ford@earthtech.com, or apply online: [http://www.earthtechcareers.com](http://www.earthtechcareers.com)
EMPLOYMENT OPPORTUNITIES (continued)

**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. Competitive salary and benefits packages. Contact Ted von Rosenvinge, P.E. (203) 758 8836 ext. 104, by Fax: (203) 758 8842 or by E-mail: ted.von@geodesign.net. GeoDesign is an Equal Opportunity Employer.

**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.

**Pecora Brothers, Inc.** a Greenwich Connecticut based Construction/Project Management firm, is seeking experienced managers to fill a number of design and construction management positions. Pecora Brothers is a dynamic company working on many high profile, large and exciting projects in the Fairfield County and Westchester County area. We are seeking to expand our consulting capabilities as our portfolio of work is ever expanding. Pecora Brothers is looking to hire Project Architects, Experienced Project Managers, a Cost/Schedule Engineer, and a Lead Estimator. Excellent salary and benefits. Email Debbie Vitiello at dvitiello@pecorabrothers.com for specific job descriptions and to submit resumes.

**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
United International Corporation (UIC) – Bridge Engineer - United International Corporation (UIC), a multi-disciplined civil engineering firm has an immediate opening for a Bridge Inspection Engineer team member. Applicant must possess a BSCE and be familiar with the requirements for performing bridge safety inspections of in-service highway bridges, railroad bridges and overhead sign support structures in accordance with NBIS requirements. Position requires strong communication and technical writing skills. Knowledge of ConnDOT, MHD and/or RIDOT bridge inspection procedures and/or completion of the NHI 2-week training is desirable. Responsibilities include planning and scheduling of inspections, coordinating special equipment needs, preparation of field inspection notes, and Bridge Inspection Report preparation. UIC is an EOE and offers generous health and retirement plans. Resumes can be mailed to 821 North Main Street Ext, Wallingford, CT 06492; or faxed to 203.269.4395; or emailed to unitedintl@aol.com.

University of Hartford – Associate Professor (Structures) – The University of Hartford’s College of Engineering, Technology, and Architecture (CETA) invites applications for an Assistant Professor specializing in teaching structures in the Department of Architecture. This is a full-time, tenure-track position commencing in Spring 2008 or Fall 2008. Duties include teaching structures courses in the undergraduate program as well as teaching architecture studio design courses in the undergraduate and graduate programs within the Department of Architecture. Successful candidates will be expected to actively pursue and engage in research/creative activity as well as serve on department, college, and university committees. Minimum qualifications include experience in teaching structures in an architecture or engineering program at the undergraduate level. Educational qualifications include a Master of Architecture or a terminal degree from an accredited Architecture program or a terminal degree in engineering with an emphasis on structures, experience in studio teaching, and a record of scholarly and/or professional/creative work. Professional registration as an architect or an engineer is desirable. Candidates must present evidence of, or potential for, successful experience in teaching, research, and related professional experience and the ability to work effectively as an individual and a team member. The University of Hartford is an open and welcoming community, which values diversity in all its forms. In addition, the University aspires to have its faculty and staff reflect the rich diversity of its student body and the Hartford region. Candidates committed to working with diverse populations and conversant in multicultural issues are encouraged to apply. For more information about the University, visit www.hartford.edu. Salary is competitive and negotiable with individual candidates on the basis of qualifications and related experience. Please send curriculum vitae, qualification summary and letter of intent to Barbara Schwartz, CETA Dean’s Office, University of Hartford, 200 Bloomfield Avenue, West Hartford, CT 06117. Members of under-represented groups are encouraged to apply. EEO/AA/M/F/D/V

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 2 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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