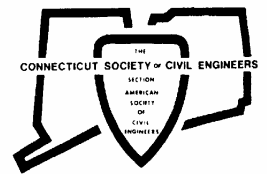


Since 1884

# CSCE Newsletter

WWW.CSCE.ORG

Connecticut Society of Civil Engineers  
American Society of Civil Engineers **March 2006 Edition**



Since 1884

## CSCE MONTHLY DINNER MEETING – March 2006

**Date:** Wednesday, March 15, 2006

**Sponsor:** CSCE Government Engineers Committee and University of Hartford Student Chapter

**Speakers:** Robert A. Weimar, PE, BCEE, Chief of Program Management, The Metropolitan District  
Carl F. Bard, PE, Deputy Commissioner, Connecticut Department of Transportation

**Topic 1:** The Metropolitan District Commission Long Term Control Plan/Clean Water Program

Overview of the Planning, Design, Procurement and Construction Process for this \$371 million, 15 year program designed to meet CTDEP and USEPA Clean Water requirements. This plan will involve abatement and control of Combined Sewer Overflows and Separated Sewer Overflows, Reduction in inflow and infiltration, improvement and upgrades to existing waste water treatment plans, consolidation piping, and deep storage tunnels. Presentation will provide a general overview of the status of the project and allow for a question and answer period.

**Topic 2:** Annual State of the Department of Transportation Address

Mr. Bard will update the engineering community in what has become a yearly tradition in the past 3 years addressing the evolving state and federal changes in Procurement, Consultant Selection Processes as associated with the new "SAFETEA-LU Transportation Bill and the latest Connecticut Public Acts.

**Location:** Konover Campus Center, University of Hartford  
200 Bloomfield Avenue, West Hartford, CT

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

**Cost:** Members: \$30.00 Full Time Students: \$10.00  
Life Members: \$25.00 (Please make checks payable to CSCE)

**Dinner:** Buffet dinner to include winter salad, Saute Breast of Chicken, Herb Roasted Tenderloin, Penne Alfredo, Herb Roasted Potatoes, Green Beans with Roasted Peppers, Breads and Italian Psalteries

**Reservations:** Mary Short can take the reservations, 860-282-9400

**Directions:** From I-84 East: Take Exit 44 – toward Prospect Avenue. Turn slight left onto Caya Avenue. Turn left onto Prospect Avenue. Turn right onto US-44/Albany Avenue. Turn left onto Bloomfield Avenue/CT-189. UHA will be 0.4 miles on the right.  
From I-84 West: Take Exit 50 – onto Route 44 West. Continue on Route 44 West/Main Street for approximately 2 ½ miles. Turn slight right onto Bloomfield Avenue/CT-189. UHA will be 0.4 miles on the right.

## PRESIDENTS MESSAGE

Have you been reading the papers lately? We may not be front page news, but transportation and infrastructure spending is quickly becoming one of the top issues at the state capital. CSCE has been working behind the scenes with other industry partners to form the "Keep CT Moving" coalition. This coalition, formerly called the Save our State Coalition, has been providing Op-ed articles, meeting with state representatives, and planning an advertising campaign to highlight the need for improvements to the state's current transportation system.

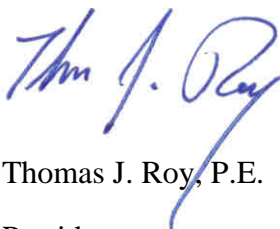
Currently, there are two very different proposals being discussed by state lawmakers. Governor M. Jodi Rell is proposing a \$344 million increase in the state's transportation fund to provide commuter rail service on the New Haven-Hartford-Springfield rail line and supporting the Hartford-New Britain busway. House Speaker James Amann has proposed a \$6.2 billion, 10-year plan for a variety of transportation improvements. This plan is focused on implementing the recommendations of the State's Transportation Strategy Board (TSB), which includes roadway, rail, bus, air and water transit investments.

House Speaker Amann's plan has the appropriate scale necessary to make real improvements in the State's transportation system. By comparison, the current TSB plan is only 20% (in today's dollars) of the cost of the program implemented by Governor O'Neill, after the collapse of the Mianus River Bridge. As engineering professionals, we know that our roads, bridges and public transportation system will always require maintenance and upgrades. These improvements are real cost, and can not be met with band-aid type repairs; we need long term plans to make a real difference.

As Civil Engineers we should speak up and support our elected officials in working to pass legislation necessary to support infrastructure. Just to be clear, I am not suggesting we contribute to political campaigns, or to put a M. Jodi Rell bumper sticker on your car. But, you can call your state representatives - identify yourself as a both a professional engineer and member of his/her constituency, let them know you see the need to improve our highways, bridges and public transportation system.

This month's dinner meeting looks like a good one... We have two very good speakers representing both ConnDOT and the MDC. Carl Bard has always provided for interesting presentations, and the Bob Weimar from the MDC will be presenting an overview of the Metropolitan District's long term control plan. With the meeting at a central location (University of Hartford) and with two presenters, we are hoping for a big turnout.

I look forward to seeing you at this month's dinner meeting!



Thomas J. Roy, P.E.

President

### FROM THE EDITOR

If you have any information you would like to publish in the CSCE Newsletter that would be of interest to civil engineers, this is a great opportunity to get your word out to approximately 2000 subscribers. All suggestion and comments regarding the content and/or format are welcome. Please contact Rabih M. Barakat, P.E., Newsletter Editor at 860-594-3389 or [nl-editor@csce.org](mailto:nl-editor@csce.org) or any of the key contacts on the updated contact list in this issue. In addition, we realize that due to the time required to put the newsletters together, print it and mail it, some of you might not be getting the newsletters in time to enable you to incorporate the monthly meeting into your schedule. For this reason please visit our website regularly [WWW.CSCE.ORG](http://WWW.CSCE.ORG) and click on newsletters in order to be able to see it on line before you see it in your mailbox.

### 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) 937-6819 ext. 16; fax (203) 931-7702 or [nault@luchs.com](mailto:nault@luchs.com)

Some other future seminar ideas include:

- CTDEP Stormwater Quality Manual workshop
- Environmental: Pump Station Design
- Structural: New England Bulb Tee Applications for bridges
- Construction Inspection: New Certifications for Hot Mix Asphalt and Concrete Construction
- Professional Development: Public Speaking and Powerful Presentations
- Management: Professional Liability and Contracts

### **Civil and Environmental Engineering Department University of Connecticut, Storrs CT 06269-2037**

*Sustainable Transportation, Transportation and Air Quality, & Wood Design Courses*

UConn's CEE Department will be offering courses in *Sustainable Transportation, Transportation and Air Quality, and Wood Design* courses at the offices of Fuss & O'Neill, Manchester CT. These evening courses are graduate-level and are aimed toward practicing professionals. Further details will be given in next month's newsletter and will be posted on the program website at <http://www.engr.uconn.edu/cee/on-site-program.htm>



**11th Annual  
SPRING GOLF TOURNAMENT**  
Co-sponsored by  
ASCE/CSCE Younger Member's Committee



**Friday, May 12, 2006@ Keney Golf Course, Hartford, CT**

The golf tournament will be a 4-person scramble format, starting at 12:00 PM (Shotgun Start). The cost is \$70 per person, including greens fees (18 holes), a cart and prizes, as well as food and drink specials during play and post-golf BBQ (food and drinks provided). In addition, proceeds from this year's tournament will benefit the CSCE Scholarship Fund.

**RSVP:** Jason Waterbury by e-mail at [jwaterbury@pirnie.com](mailto:jwaterbury@pirnie.com) or by phone (860) 635-3400 (work) by Wednesday, May 3<sup>rd</sup>. **Visit [WWW.CSCE.org](http://WWW.CSCE.org) and check out our annual events calendar for more detail and information.**

**Do you want to advertise your company to potential clients??** This year, we will be offering Sponsorships. For a fee of 50 dollars, your company can "Sponsor" one of the 18 holes. For those who sponsored a hole last year, you may re-use your sign for a fee of 25 dollars. Don't pass up this opportunity to advertise your company! Please contact Jason Waterbury for more details.



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**CSCE TRIP TO FENWAY  
MAY 26, 2006 GAME TIME: 7:05 PM  
WATCH THE 2004 WORLD CHAMPION BOSTON RED SOX  
VERSUS THE TAMPA BAY DEVIL RAYS**

**PRICE: \$75.00 which includes:**

**1 TICKET FOR RIGHT FIELD BOX SEATS (NEAR PESKY'S POLE)!,  
ROUND TRIP BUS TRANSPORTATION DEPARTING FROM MIDDLETOWN, CT  
AND ARRIVING AT FENWAY 2 HOURS BEFORE GAME TIME!,  
FOOD AND SODA ON THE BUS!, CONTACT TOM DOTY AT 860-635-3400 OR  
[tdoty@pirnie.com](mailto:tdoty@pirnie.com) BY MAY 15, 2006.**

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## **EMPLOYMENT OPPORTUNITIES**

**Anchor Engineering Services, Inc.**, a multi-discipline firm, is seeking candidates for the following positions.

**Structural Engineer:** 4-7+ years design experience. CT P.E., Microstation computer skills and knowledge of CT DOT procedures desirable. Projects include retaining walls; building foundations and additions; local, state and federally funded bridge rehabilitations. Comprehensive benefits include health/dental insurance, 401k with company contributions, profit sharing and vacation. Please send resume and references to: Anchor Engineering Services, Inc., 75 Nutmeg Lane, Glastonbury, CT 06033, or e-mail [jriddell@anchorengr.com](mailto:jriddell@anchorengr.com) EEO/AA

**Resident Engineer/Construction Inspector:** NICET III and 2 years experience or CT P.E. required; CT DOT construction experience and knowledge of CT DOT procedures desirable. Comprehensive benefits include health/dental insurance, 401k with company contributions and vacation. Please send resume and references to: Anchor Engineering Services, Inc., 75 Nutmeg Lane, Glastonbury, CT 06033, or e-mail [jriddell@anchorengr.com](mailto:jriddell@anchorengr.com) EEO/AA

**Civil Site Engineering Positions:** 2-6 years experience, BS in Engineering with engineering experience desired. Senior Civil/Site Position for candidates with 6-10 years and CT P.E. license. Experience in client interaction, proposal preparation and presentations to local and state regulatory agencies desirable. Comprehensive benefits include health/dental insurance, 401k with company contributions, profit sharing and vacation. Please send resume and references to: Anchor Engineering Services, Inc., 75 Nutmeg Lane, Glastonbury, CT 06033, or e-mail [jriddell@anchorengr.com](mailto:jriddell@anchorengr.com) EEO/AA

**Kleinschmidt Associates** - mid- to senior-level engineers (structural, mechanical, electrical and hydraulic):

Kleinschmidt Associates seeks to fill immediate openings in several of our East Coast offices, including Essex, CT. Experience in the hydroelectric field is desirable, and being initiative driven and a team player is required. If you want to be part of a national organization that is a leader in its field that offers exciting work opportunities, please forward your resume and letter of interest to [Careers@KleinschmidtUSA.com](mailto:Careers@KleinschmidtUSA.com). EOE.

## **EMPLOYMENT OPPORTUNITIES (Continued)**

**DTC** - 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 pref'd, CAD req'd. Excellent benefit 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](mailto:hr@teamdtc.com), [www.teamdtc.com](http://www.teamdtc.com)

**Zieman Engineering** - *Structural Engineer - Construction:* Zieman Engineering is a structural engineering firm specializing in design of construction methods, temporary structures and specialized equipment for contractors involved in complex construction projects. Typical projects are major bridge and building projects in the northeast and CA. We are seeking a structural engineer with minimum 5 years experience, BSCE required. Beneficial experience would include knowledge of AISC, AASHTO, Autocad, and field experience, but we will also consider someone with contractor field experience only who is willing to learn design. Competitive salary and benefits. Send resume to Zieman Engineering, LLC 500 Summer Street Suite 206, Stamford, CT 06901 or email [tz.ziemaneng@snet.net](mailto:tz.ziemaneng@snet.net)

**GeoDesign Inc.** - *Geotechnical Engineers:* 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](mailto:ted.von@geodesign.net). GeoDesign is an Equal Opportunity Employer.

**BVH Integrated Services, Inc.** - *Structural Engineer:* Do you want to be a part of the design team for some of the most exciting projects in the region? BVH Integrated Services ([www.bvhis.com](http://www.bvhis.com)), a leading multi-discipline professional engineering firm, is seeking entry-level Structural Engineers with AutoCADD 2005 experience. Bachelor or Master of Science Degree preferred. BVH offers a great working environment with competitive salary and benefits. Please submit your cover letter and resume to BVH Integrated Services, 50 Griffin Road South, Bloomfield, CT 06002; F: 860-242-0236; [marial@bvhis.com](mailto:marial@bvhis.com). EOE

**GeoInsight** - *Environmental Engineer/Scientist:* Cheshire, Connecticut - An established New Hampshire firm with a CT office for 3 years, is currently seeking a staff engineer and an environmental scientist with 3 to 5 years of experience in the fields of water supply and/or environmental compliance. Mandatory requirements include solid technical writing and communication skills and familiarity with water supply, wastewater discharge, air emission and waste management regulations. Experience within the consulting field is not required. A Master's Degree and/or professional registration in an engineering discipline would be considered in lieu of work experience. To learn more about GeoInsight, you can go to [www.geoinsightinc.com](http://www.geoinsightinc.com) or contact Don Iannicelli, CT Office Manager or Eric Watters, Senior Engineer at 203.271.8036. Resumes can be mailed to 1781 Highland Avenue, Suite 207, Cheshire, CT, 06410; faxed to 203.271.8038 or e-mailed to [ecwatters@geoinc.com](mailto:ecwatters@geoinc.com)

**Tata & Howard, Inc.** - *Project Manager/Manager:* A growing environmental consulting engineering firm, is seeking to fill a position of an experienced leader in our Meriden, CT office. The ideal candidate will demonstrate experience in marketing and managing water system consulting services in Connecticut. Minimum qualifications include a Bachelor of Science degree in Civil/Environmental Engineering with 8 years experience in providing consulting services to water companies and municipalities in the state, and a PE registration in Connecticut. If you are a motivated individual with a strong interest in joining a growing firm, please email your resume and cover letter to [humanresources@tataandhoward.com](mailto:humanresources@tataandhoward.com)

**AI Engineers, Inc.** - *Civil Engineer:* AI Engineers, Inc. is seeking a Senior Civil Engineer with 4-10 years of experience in civil/site/survey. Must be proficient in MicroStation/CADD/Drainage/Traffic Engineering experience is very desirable. If you aspire to be a leader in your field with a fast growing company that offers excellent compensation and benefits, please fax your resume to: 860-635-7312; Email: [hr@aiengineers.com](mailto:hr@aiengineers.com); [www.aiengineers.com](http://www.aiengineers.com) or mail to: 919 Middle St., Middletown, CT 06457. EOE/Aff. Action Compliant.

**EMPLOYMENT OPPORTUNITIES (Continued)**

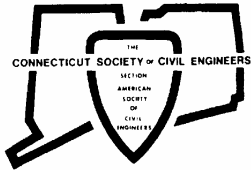
**CME Associates, Inc. - Senior Structural Engineer/Project Manager:** CME Associates, Inc. is seeking a Senior Structural Engineer to manage projects in the East Hartford, CT office. A BA degree in Civil Engineering with 4 to 6 years experience designing structures is required - bridge engineering experience, a MS degree and/or PE is preferred. Submit a letter and resume to Human Resources Dept., CME Associates, Inc., P.O. Box 849, Woodstock, CT 06281 or e-mail to Allison Pfosi at [apfosi@cmeengineering.com](mailto:apfosi@cmeengineering.com). CME is an Equal Opportunity Employer. Learn more at [www.cmeengineering.com](http://www.cmeengineering.com)

**Cardinal Engineering Associates, Inc. - Project Engineers, Civil Engineers, Resident Engineers and, Inspectors:** Growing Civil Engineering firm has immediate openings for Project Engineers, Civil Engineers, Resident Engineers, Chief Inspectors, Inspectors, CAD Technician with experience in roadway design and construction, water/wastewater, storm drainage, and other Municipal and CTDOT projects. Excellent benefits package and competitive salary. Please fax or email resume and salary to Cardinal Engineering Associates, Inc. 99 Colony Street, Meriden, Ct. 06451, Telephone: 203-238-1969, Fax: 203-630-2056, Email: [jac3@cardinal-engineering.com](mailto:jac3@cardinal-engineering.com)

**Michael Baker Jr. Inc. - Civil Engineer:** We are currently seeking a civil engineer for our Rocky Hill, CT location. Qualifications include a 4 year degree in Civil Engineering with 3-5 years of highway design experience. P.E. is required. Knowledge of ConnDOT's policies and procedures with MicroStation/Inroads experience is required. Title may change based on qualifications. Please apply online at [www.mbakercorp.com](http://www.mbakercorp.com) or email resumes to [jschidlmeier@mbakercorp.com](mailto:jschidlmeier@mbakercorp.com). EOE / Drug-free Workplace.

**Parsons Brinckerhoff, Inc. - Civil Engineer:** Parsons Brinckerhoff's Glastonbury, CT office is expanding its professional staff and is seeking a qualified civil engineer with 2 to 4 years experience. Bachelor degree, EIT/PE, experience in roadway/site design, MicroStation/InRoads and familiarity with ConnDOT policies and procedures preferred. Excellent benefits incl. medical/dental, tuition assistance and 401K plan. Send resume to: Parsons Brinckerhoff, Inc., 148 Eastern Boulevard, Suite 200, Glastonbury, CT 06033; Fax (860) 633-8117; Email [moretti@pbworld.com](mailto:moretti@pbworld.com).





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