



KNOWLEDGE FOR CREATING AND
SUSTAINING THE BUILT ENVIRONMENT

May 2004

THE COMMUNICATOR

NEWSLETTER OF THE TIDEWATER VIRGINIA CHAPTER CSI

The Impact of Anti-Terrorist Chemical and Biological Criteria on Design

Tuesday, May 11, 2004

Location: Holiday Inn Exec Center, Greenwich Road, VA Beach

Time: 11:30 am: Registration and Networking
(come early to network)

12 noon: Lunch and Presentation (1 AIA LU)

Fee: CSI Members: \$20.00

(Remember to wear your CSI pin!)

Non-Members: \$25.00 includes buffet lunch

Payment for this event will be taken at the door. No-shows will be billed by mail.

RSVP: Lee Fry at 757-437-0807 or by e-mail at FryWL@aol.com

Since the 2001 terrorists incidents, the government has been reevaluating it's physical security and infrastructure protection requirements. With the recent releases of anthrax and ricin, Chem-Bio protection has become an important area of personnel protection away from the battlefield. This presentation will give a brief overview of existing and future DoD anti-terrorism criteria, existing minimum Anti-Terrorist standards in relation to mechanical design, and a brief overview of the pending Chem-bio facilities design requirements document.

Our Speaker: Rudy Perkey, LANTDIV

Mr. Perkey is a registered PE in the State of Virginia with BS Degree in Mechanical Engineering from ODU. He currently works in the NAVFAC Engineering Innovation and Criteria Office (EICO) as the lead Chemical Biological and Radiological (CBR) and Critical Infrastructure Protection (CIP) engineer. His career path began as a design engineer in the Facilities Engineering Branch and the head of the Manufacturing Technology Program at the Naval Air Rework Facility, Norfolk, Virginia. In the course of his career he managed the acquisition of commercial utility connections and utility services for the Navy Utilities Contracting Branch. In this position he led the re-negotiation of geothermal and sewage services in Iceland resulting in substantial savings to the Government. In 1998 he was assigned as the Program Manager for the Demand Side Management (DSM) Program which contracts for financed energy savings projects with approved local utility companies. He joined the EICO organization In September of 2000 as a mechanical engineering criteria program manager.

INFO INSIDE

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DON'T FORGET NEXT MONTH:

June, 2004

**Chapter Picnic Lunch
and Field Trip at
Concrete Precast
Systems**

Member Manufacturer's Product Highlighted:

Manufacturer:
Concrete Precast Systems –
Dick Hearrel will give attendees a
preview of products produced at
the local facility, the site of CSI's
June picnic



PRESIDENT'S MESSAGE

Linda Pressler, AIA, CSI,
LEED Accredited Professional
TVA Chapter President

On April 24, 2004, I accepted the Outstanding Chapter Award presented by the National Institute at the Annual Meeting held concurrent with the National Convention in Chicago. Because of the dedication of the membership who serve as Board Members and Committee Chairs, we were recognized by the National Institute for the first time in the Tidewater Virginia Chapter history. I was very proud to accept the certificate on behalf of the chapter. It can be viewed on the web page beginning the second week of May by visiting www.csitidewatervirginia.org. I encourage you to get involved with your chapter so that we can continue on this course. I thank those who gave a 110% this year and look forward to your continued support next year during my second term as your president.

The National Convention and Product Show was a wonderful event again this year. I was able to acquire all the continuing education learning units that I need for this year by attending the seminars offered and the Expo Education booths on the Product Show floor. I learned about new products and met new product representatives who will fill my library with the most up-to-date literature regarding building products. At the seminar sessions I learned about sustainable design costs, cool roofs, paint preparation processes, exterior color trends, design-build procedures, and the mistakes architects make regarding energy efficiency. And, of course, the Master Format expansion was unveiled and discussed along with the revisions to the Manual of Practice. It will be released to the public later this year. All the certification exams next year will be based on the expanded MasterFormat 04 and the Project Resources Manual, CSI's revised Manual of Practice.

At the Annual Meeting we were reminded of the CSI Mission, which is to "advance the process of creating and sustaining the built environment". By using the diversity and expertise of its membership to develop and exchange knowledge, the Institute seeks to be recognized worldwide as the indispensable recourse for information on improving that process. The long-range goals defined in the original plan continue to provide the principal direction to the institute for achieving its mission and vision for the future. Those goals are:

- CSI will be the premier integrating force for creating and sustaining the built environment.
- CSI will be the primary gateway to resources for programs, services, and the exchange of knowledge.

In order to do our part locally to help the Institute achieve

UPCOMING EVENTS OF INTEREST

May 8, 2004	Final Registration Deadline for 7/8/04 Certification Exams (CSI University)
May 25, 2004	TVA Board Meeting at the Design Center, 111 Granby Street, Norfolk
June 2004 Date to be announced	Chapter Picnic Field Trip to Concrete Precast Systems
July 8-10, 2004	The 2nd CSI University Annual Conference (San Antonio)

CSI's global mission, we are reaching out to the local professionals in the construction industry by sponsoring monthly lunch seminars that concentrate on the latest technology and design criteria. We have formed a sustainable design committee that is working to highlight local designs that will 'sustain the built environment'.

The 3 – 5 year objectives address the long range goals and provide the planning framework that will guide the Institute in establishing its operational priorities over the next planning period, in accordance with the priorities set by the Board and consistent with resource constraints. Those objectives are:

- Advance the tools and practices of specifying and documenting design and construction information
- Expand the diversity of CSI membership and participate at all levels
- Establish cooperative alliances/liaisons with related construction science organizations and government agencies in the U.S. and internationally
- Develop an academic relations network with programs, institutions, faculty and students
- Improve and expand Institute education programs
- Identify needs and improve or develop new programs for certification
- Establish CSI as an information resource for products, materials and practices related to creating and sustaining the built environment.

The Board of Directors believes that the partnerships we are forming will address the goals for the Construction Specification Institute as described at the Annual Meeting. One such partnership is with the City of Norfolk Department of Planning. We will offer recommendations for the services of our membership regarding design, structural survey, and construction activities required by residents who will use the Department of Planning's new Design Center at 111 Granby St. downtown Norfolk. Because of

(Continued on page 4)

EDITOR'S



Margaret G. Chewning
CSI CCS - Editor

Greetings fellow Chapter Members, I hope my fellow delegates to the CSI SHOW 04 and Convention have recovered. It was an interesting year this year with the debut of the expanded MasterFormat and the Project Resource Manual, CSI's revised Manual of Practice.

The chapter was honored to receive an Outstanding Chapter Award from the Institute. My fellow delegates and I were there to cheer Linda on as she accepted the award for the Chapter.

The Convention will be back in Chicago next year also and I will admit it is a city that grows on you.

Take a look at Rick's report on the convention. I encourage you if you have not attended a National CSI Function, either the convention or CSI-U to take advantage of the educational and networking opportunities to plan to attend the next one. It is well worth the money and time to attend.

Another opportunity to attend and show your "stuff" consider submitting a topic on which you can present at Convention. Deadline to submit a proposal for a topic at CSI Convention 2005 is May 28, 2004. Consider it an opportunity to serve your organization and shine.

Engineering Humor: ODU BCET Team Develops Thingamajig

A multi-disciplinary team of BCET students and faculty have completed plans for a formidable thingamajig that promises to be one of the most ambitious and far reaching engineering projects in history. The thingamajig, which consists of numerous interconnected doohickeys fastened together with paperclips and duct tape could have a wide range of industrial, academic and military uses. "I see these thingamajigs being used all over the place" claimed one excited Thingamajig development team member, "why in ten years we might even be able to construct clusters of these thingamajigs networked together in parallel to create a super thingamajig. The team admits that finding practical uses for these super thingamajigs might not happen for fifty or more years, but that hasn't stopped them from making plans for the next generation of these fascinatingly abstract devices. The team is now seeking funding for the project, which is likely to cost about one billion dollars.

[ED note: From e-Interaction, 4/30/04, a bi-weekly publication of the ODU College of Engineering and Technology, This is the school many of our Student Members attend.]

2005 Call for Topics!

Dear Prospective Speaker,

Time is running out! The CSI Call for Topics deadline is just weeks away!

Why submit?

- **Credibility** – CSI's education programs are known throughout the industry for their high caliber speakers and hot-button issues. Becoming a presenter will improve your reputation as an expert.
- **Recognition** – CSI education programs are promoted to our membership and other industry professionals. Also, speakers chosen to present at the 49th Annual CSI Show & Convention will have their white papers published.
- **Mentoring** – Industry newcomers are looking for guidance from seasoned veterans. As a speaker, you can teach them to follow in your footsteps.
- **Industry Progression** - Share the knowledge and experience you have gained in your career to push the industry further. People need to hear what you know!

May 28, 2004 is the last day to submit a proposal if you'd like to be a speaker at one of CSI's 2005 events. Don't miss your opportunity to present – Submit TODAY!

Individuals from all aspects of the construction industry as well as professional development, technology, and forecasting experts are encouraged to apply. CSI membership is always encouraged, but not required.

All proposals must be submitted electronically at www.csinet.org/callfortopics. Please complete a separate **Call for Topics** submission form for each session you would like CSI to consider. Incomplete or late submissions will not be considered.

It is critical that presentations be of a generic nature and not sell, promote, or pitch a specific product, service, or firm. Incomplete, late or sales-oriented submissions will be disqualified.

Educate others within the construction industry in 2005 – Submit TODAY at www.csinet.org/callfortopics!

Best Regards,

The CSI Professional Development Team

Questions? Contact a CSI Member Services representative 8:30am - 6pm EST at (800) 689-2900.



(President's Message—Continued from page 2)

the diversity of our membership we have offered to become a resource for construction products, materials and practices. In exchange, this high profile office will provide greater visibility for CSI and our chapter and will offer a place to display our awards, hold board meetings, and even offer educational seminars that could be open to the public. We also have the opportunity to make this location a permanent site for administering the certification exams.

Our new partnership with the AIA proved extremely successful when they co-sponsored our annual Product Show. We will continue this partnership by permanently moving the Product Show to coincide with Architect's Week each year. Next year we plan to double the size of the show so look for opportunities to exhibit or collect information regarding new technology and the latest products. This is an opportunity for design professionals to keep the most up-to-date information and network with other members in a social setting.

We are co-sponsoring a semi-formal, joint-industry holiday party this winter with the Society of Military Engineers (SAME) that will be held at the Town Point Club downtown Norfolk. All members of all professional organizations that are related to the construction industry will be invited. Because we expect this event to be very popular, tickets will be sold in advance and will be limited to the number of people that the space can accommodate. Almost 100 tickets have already been reserved and we have not confirmed the date. We will make an announcement next month so that you can indicate your intent.

These networking opportunities will help our chapter grow. As our chapter grows, greater networking opportunities will be provided to the membership. However, the chapter will continue to need dedication of the membership in order to be successful. I encourage you to become active either as a member of the Board of Directors, Committee Chair or Co-chair, or committee member. Your involvement will allow you to gain or improve leadership skills and will help you advance in your career. Once you become familiar with leadership positions you may want to become involved at a Regional or National level which will afford an even greater opportunity to succeed in your career. But it all starts here. Give me a call. We will find just the right position for you based on your interests, expertise, and available time. You will be surprised to learn that some positions require only a few hours a year or a couple of hours each month. Regardless of the amount of time input required by each leadership roll, they all reap a great numbers of benefits that you will recognize. Where else can you find an organization where owners, architects, engineers, material sales representatives, contractors, facilities managers, construction law attorneys, specifiers, estimators, educators, and students meet together on a monthly basis and share information over a meal?



CHAPTER NEWS

Leadership Opportunity: We are nearing the end of another year. In order to get ready for next year we need to have committee chairs in place. If you are interested in becoming involved with your chapter and are interested in chairing or serving on any of the standing committees please contact Linda Pressler. Committees are listed on the web page at www.csitidewatervirginia.org This is a great opportunity to learn or brush up on leadership skills that are necessary for career advancement.

CSI Partnership with Norfolk Neighborhood Design and Resource Center

Plans are underway to partner with the City of Norfolk Neighborhood Design and Resource Center. This is a new office within the Department of Planning and Community Development that will offer design services, neighborhood planning and design services, renovation advisory services, education and outreach, and financial assistance information to residents. The office director is forming a database of references for design and construction professionals. The CSI is one of the many partnerships that will be consulted regarding recommendation for services. The projects will primarily be residential in nature but small commercial, small business clients may also seek services. The need for designers, contractors, and structural studies in particular were discussed but all services related to construction will be required. If you would like to be included in that database, please notify Linda Pressler or a member of the Board so that you can be on CSI's list of references - especially for residential projects.

Chapter Sick Call: Loyal chapter member and past president Bruce Joyner CSI CCS was reported to have undergone by-pass heart surgery early in April. We understand he is home and doing well now. If you have a chance send him a note and wish him well.

Sponsorships Available for the Chapter Website and The Communicator.

Sponsorship ads are available to our chapter members on our Chapter home page and in the monthly issues of the Communicator. The Chapter encourages our membership to support our sponsors. On the Chapter webpage at www.csitidewatervirginia.org our first sponsor, Alpolic is listed on the home page. If you are interested in advertising on the home page and sponsoring activities of the Tidewater VA Chapter CSI, please notify Debbie Cacace at dcacace@engineeringandtesting.com. If you are interested

The 2004 CSI Show and Convention: Truly a Learning Experience

A Report to the Tidewater Chapter CSI
National Convention, April 20-24, 2004 – Chicago, IL

By Richard Rivin, FCSI, CCS, AIA

April 26, 2004

This year, as usual, I obtained most of required learning unit (LU) credits in a single concentrated dose – at the CSI Show. Included in the Chicago 2004 proceedings were over 70 educational sessions, two of which I have described in detail below. However, there were many opportunities to “learn for credit” on the exhibit floor itself, provided by construction product manufacturers at their individual display booths. Those educational topics, and respective *MasterFormat* Divisions and product manufacturers that I found of interest while strolling the exhibit aisles were:

- “General Surface Preparation” / DIVISION 04 / Mapei
- “Open Web Steel Joist Fireproofing Code Issues” / DIVISION 07 / W.R. Grace
- “Alternate Windows” / DIVISION 08 / Pella
- “Fire Rated Door Code Requirements” / DIVISION 08 / Total Door

If the only item I had carried home was the hard copy handout from Gerald Katz’s educational session entitled, “How the Courts Interpret Specifications,” that would have made it a successful trip. This excellent presentation by an experienced construction attorney, discussed the five (5) key legal rules of interpretation involved in resolving ambiguous specifications and conflicting contract documents. They are:

Rule #1 – “The Whole Agreement:” Look at the entire agreement and attempt to give each provision the meaning the parties intended, rather than trying to interpret contract provisions in isolation.

Rule #2 – “Specific” controls “General:” Specific provisions in a contract document take priority over those which speak only in general terms.

(Corollary of **Rule #2**): The express mention of things in a contract document takes priority over those which speak only in general terms.

Rule #3 – “Trade Custom, Practice and Usage:” Refer to the customs, practice and usages of a particular trade, in attempting to resolve ambiguities in a trade contract.

Rule #4 – “Practical Interpretation:” Where a provision is ambiguous, the practical construction interpretation placed upon it by the parties is entitled to great consideration in construing the contract.

Rule #5 – “Construction Against the Drafter:” Ambiguities in the contract are to be interpreted against the party who prepared the agreement, on the theory that the drafter should have been more precise in phrasing the contract to clearly inform the other party of his intent.

Another educational session that I found useful and enlightening was Roger Johnson’s “Specifications Put to the Test During Construction Administration.” This presentation gave a laundry list of avoidable field problems, through the use of well thought out specifications, on a DIVISION-by-DIVISION basis.

For example, in DIVISION 06, the inclusion of a larger than typical 12-inch square sample, of a transparent finish on a wood component or system, will enable the variety of natural wood grain and color to be better understood, in advance of inspecting it when it is installed in its entirety. Many specifiers and architects would not normally take the time to consider the impact that the specified, “sample size” itself has on the prevention of visual surprises in the field. Therefore this advice applies in many situations, throughout a specification.

An added value of the CSI Show experience was the special discounts available at the CSI Bookstore. I was able to save about \$100 off the cost of a new Project Resource Manual (PRM), the successor to CSI’s Manual of Practice (MOP), as well as the associated shipping costs, by purchasing this reference at the Show. By July, this special price will be “history.”

I appreciate the fact that CSI’s product exhibit and educational experience is operated on a strict time schedule. This means that attendees can make the most of their limited time, whether it involves learning, business, or pleasure. It is an intense experience that always offers multiple benefits, including sharing and networking with CSI friends and associates, or even strangers. I spoke to a new Asian-American CSI member of about 26 years old, while on a bus from the convention center to the hotel. He was at his first CSI convention. He wanted more exposure to materials and products not used in his employer’s standard palette of materials. What a novel idea!

A new added benefit to all registrants this year was a bound, printed copy of the combined Proceedings of the Educational Program. This replaced the recorded cassette audiotapes made for individual educational sessions (at extra cost), which had been available in previous years.

Next year’s CSI Show will again be in Chicago, on the Wednesday-Thursday-Friday portion of the week. Mark your calendars now: April 20-22, 2005.



Tidewater VA Chapter Delegates to CSI 04
Linda Pressler, Bob Sterne, Cal Crofford,
Margaret Chewning, Lee Fry, and Rick Rivin

TVA CHAPTER BOARD

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Advertising is available in the Communicator. Your ad helps to support activities of the TVA CSI Chapter and introduces you to your fellow chapter members. Business Card size ads (the size of this box) are available at \$15 per issue or \$90 for 10 issues. New members are permitted one month at no charge. Contact Margaret for additional information.

About CSI

CSI is an individual membership technical society that serves as the premier integrating force for those that create and sustain the built environment, and as a primary gateway to resources for programs, services, and the exchange of knowledge. The Institute offers products and services that provide a common system of organization and presentation of construction information, enhancing communication among all construction industry disciplines. CSI's 18,000 members include architects, specifiers, engineers, contractors, product representatives, building owners, and facility managers. Founded in 1948, CSI is headquartered in Alexandria, Va., and has 143 local chapters nationwide. For more information about CSI, call 800-689-2900 or visit www.csinet.org.



May Lunch meeting
The Impact of Anti-
Terrorist Chemical and
Biological Criteria on
Design

May 11, 2004 12:noon
Holiday Inn Exec Center, Greenwich Road, VA Beach



THE COMMUNICATOR

NEWSLETTER OF TIDEWATER VA CSI

c/o M. Chewning CSI CCS
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