



Joint Societies Newsletter

Norfolk Branch, American Society of Civil Engineers (ASCE)
Tidewater Chapter, Virginia Society of Professional Engineers (VSPE)
Engineers Club of Hampton Roads (ECHR)

Volume 26, No. 10 June 2004

"Meeting Virginia's Transportation Needs"

The June Joint Societies Luncheon of ASCE, ECHR and VSPE will be held on Wednesday, June 30, 2004.

Speaker: Malcolm T. Kerley, P.E.,
Chief Engineer for Program Development
Virginia Department of Transportation

Mr. Kerley is responsible for the quality, cost and timeliness of all engineering plans associated with the design of, and right-of-way acquisition for, VDOT transportation projects. He will be addressing the following timely topics:

- An overview of Virginia's transportation needs and budget outlook.
- How can Virginia best meet its transportation needs considering the current constraints?
- VDOT's reorganization and philosophy.
- What can the engineering community and societies do to assist in any of these areas?

The cost of the luncheon is \$20.00. Please make checks payable to ASCE - Norfolk Branch.

Host: ASCE Norfolk Branch

Sign-In: 11:30 a.m.

Lunch: 12:00 noon

Location: Holiday Inn Executive Center, Greenwich Road, Virginia Beach

Seating is limited so please register early, and make your reservations before June 25th so that we can confirm the headcount with the caterer. To RSVP or for additional information, contact David Ihde, P.E., City of Virginia Beach Department of Public Utilities by phone at 427-8666 or by e-mail at dihde@vbgov.com.

Cancellations will be accepted until June 29th. No shows will be billed.

Highlights . . .

June Luncheon.....	1
Synchro 5.0 Training.....	2
Security Engineering Workshop.....	2
Photo Opportunity.....	2
Highlights of Aviation Facility Engineering.....	3
Precast / Prestressed Concrete Manufacturer Plant Tour and Picnic.....	3
Effective Roadway Lighting.....	3
Program Calendar.....	4
Joint Societies Officer Contact List.....	4

VASITE
CONTINUING EDUCATION TRAINING
ANNOUNCEMENT
Synchro 5.0 Training
Ramada Plaza Resort Oceanfront
Virginia Beach, Virginia
June 22 to 23, 2004

This two-day course will provide lecture and hands-on software application of the techniques of the Synchro traffic signal timing optimization and modeling program, Version 5.0. In this course the participants will become familiar with capacity, optimization and simulation analysis; optimizing individual intersections and coordinating arterials and networks. A mix of simple and complex intersections will be presented. The course will include network set up, analysis and optimization; time space and platoon dispersion diagrams and program reports. Hands-on workshops will be presented to allow for extensive interaction between participants and instructors. Time will be available to address participants' questions and specific examples. The course will also provide an introduction to the simulation software SimTraffic and will also examine the new features and highlights of Version 6.0. This course will be taught by Cheryl Lowrance P.E., PTOE and Don Moyer, both with DMJM+HARRIS. This course involves a considerable amount of hands-on computer involvement; therefore attendees are encouraged to **bring a laptop computer with Synchro installed**. Please check the box on the registration form if you intend to bring a laptop computer. Please note that no computers will be provided.

Course Dates and Times

Tuesday, June 22, 2004 8:00 a.m. to 5:00 p.m.

Wednesday, June 23, 2004 8:00 a.m. to 5:00 p.m.

Cost:

The registration fee for this 2-day training course is \$110.00 for VASITE members and \$130.00 for non-members (compare to similar Synchro courses that cost over \$400). The cost also includes course materials and refreshments. Lunch will not be provided for either day. All cancellations must be made by June 11, 2004, to receive a refund.

Please contact Claudia Walsh for registration,
 Phone - (757) 222-1500
 Fax - (757) 222-1515
 Email - Claudia.Walsh@hdrinc.com

SECURITY ENGINEERING WORKSHOP

The Security Engineering Workshop is scheduled for June 7-11. This is an excellent opportunity for the local architectural and engineering community to receive the latest information regarding DoD ATFP facility design requirements. The American Society of Civil Engineers Norfolk Branch (ASCE) and the Virginia Society of Professional Engineers Tidewater Chapter will host the event in Norfolk. The workshop is an event that is directed towards all engineers and architects in the United States and other countries who perform work for the US Department of Defense. The Workshop will be divided into 3 sessions. Session 1 is intended for a multi-discipline audience and will provide information on updates and a general overview of the DoD minimum antiterrorism standards. Session 2 is intended for engineers or others interested in the design of windows and doors to resist blast loads. Session 3 is intended for engineers or others interested in the NEW DoD (Army, Navy, Air Force) requirements for design to prevent progressive collapse. For the latest information regarding this seminar, visit the website at: www.vspe.org/atfp. If you require further information, please contact Bernie Deneke at (757) 322-4233 or by e-mail at denekebj@efdlant.navfac.navy.mil.



Congressman Ed Schrock takes time to pose for a photo with Bill Horton, P.E., 2003 VSPE Tidewater Chapter Engineer of the Year, during a visit to Capital Hill in March for Engineers Day on the Hill.

Bill spoke with the Congressman's staff about engineering issues that Congress will be considering in the coming year that are important to our profession.

“Highlights of Aviation Facility Engineering”

The presentation will focus on aviation facility design including aircraft maintenance hangars, paint facilities, jet engine test facilities, and air traffic control facilities. It will cover maximization of functional uses for air squadrons and provisions for changes to future air missions. Also discussed will be the idea of facility size standardization to accommodate carrier-based aircraft and to accommodate larger marine patrol aircraft.

Date: Tuesday, June 8, 2004
 Location: Holiday Inn Executive Center, Virginia Beach

Fee: CSI Members: \$20.00 includes buffet lunch
 Non-Members: \$25.00 includes buffet lunch

Time: 11:30 am - noon: Registration (come early to network)
 12:00 noon: Lunch presentation (1 AIA Learning Unit)

RSVP: Lee Fry at 757-4370807 or by e-mail at FryWL@aol.com by Friday, June 4, 2004

Featured Speaker: VINCENT DONALLY, P. E.

Vince Donally is the Special Assistant for Aviation Facilities Engineering at Naval Facilities Engineering Command (NAVFAC ENGCOR). He is considered to be the Navy's expert on aircraft hangar design, airfield geometric design, pavement, and jet engine test cells. He was selected as the Atlantic Division Engineer of the Year in 1997 and the American Society of Civil Engineers (ASCE) Government Engineer of the Year for 2000.

Vince received his Bachelor of Science degree from Virginia Tech in 1973 and an M.S.C.E. from Old Dominion University in 1979. He has spent most of his career as a practicing structural designer for the Atlantic Division Naval Facilities Command. He has been married for 27 years and has 3 daughters.

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

Tidewater VA Chapter CSI Presents: “Precast / Prestressed Concrete Manufacturer Plant Tour and Picnic”

Concrete Precast Systems (CPS) Docking Facility
 1320 Yacht Drive, Chesapeake VA 23320

Date: June 22, 2004
 Time: 11:30 am - ?
 RSVP: Lee Fry at 757-437-0807 or FryWL@aol.com
 Sponsor: Tidewater VA Chapter CSI and Concrete Precast Systems
 Cost: By sponsorship
 Program: 11:30 Registration
 11:45 Picnic Style Lunch in the Fresh Air and Plant Tours

Hosted by Dick Hearrell, VP of Sales, Marketing, & Engineering for CPS

Concrete Precast Systems, Inc, Located in Chesapeake, VA has been a major supplier of concrete products serving the construction industry for more than 58 years, CPS has modern full service facilities located with easy access to interstate highway systems, deep ocean barging and rail sidings. Prestressed / Precast Concrete Products for buildings, highway projects and waterway projects serving the commercial, federal, state and private construction markets are the focus for the Concrete Precast Systems team. Precast & Prestressed concrete products such as piling, bridge slabs & plank, pier & wharf decking, piling and bent caps, stadium risers - walls - columns and beams, utility trench, bridge beams, roof - floor & balcony slabs, architectural wall panels, absorptive and reflective sound wall, modular buildings, etc.

Effective Roadway Lighting

The City of Newport News is hosting an Effective Roadway Lighting course on June 21 to 23, 2004, at the Peninsula Workforce Development Center in Hampton, Virginia. The course will be taught by Benjamin Jordan from the University of Wisconsin - Madison, and will cover the latest IESNA Standard Practice for Roadway Lighting, Lamp and Luminaire Selection, Basics of Electrical Circuits and Controls, Streetscape Lighting, Practical Application of Theoretical Design, Poles and Foundations, Update on AASHTO Guidelines, and Designing for Maintainability. The cost for this 3-day course is only \$300. Computers will be provided for the training and will include AGI32 and Simply Lighting software. Please contact Marie Montane for registration, for more information, or for a course flier: mmontane@nngov.com, phone (757) 926-8611, fax (757) 926-8300.

Program Calendar

June

- 7-11 Security Engineering Workshop
- 8 Highlights of Aviation Facility Engineering
- 11 2004 ECHR Golf Outing
- 30 Joint Societies Luncheon Sponsored by ASCE

July

- 20 Joint Societies Luncheon Sponsored by ASCE

ASCE Norfolk Branch Officer List

President	David Ihde, P.E.	City of Virginia Beach Public Utilities	427-8666	dihde@vbgov.com
Vice President	Bernie Deneke, P.E.	Naval Facilities Engineering Service Center	322-4233	denekebj@nfesc.navy.mil
Secretary/Treas.	Glenn Bottomley, P.E.	Parsons Brinckerhoff	466-9604	bottomley@pbworld.com
Past President	Richard Nettleton, P.E.	City of Virginia Beach Public Utilities	427-4171	mettlet@vbgov.com

VSPE Tidewater Chapter Officer List

President	Sam Estep, P.E.	Clark Nexsen	455-5800	sestep@clarknexsen.com
President Elect	Chad Poultney P.E.	Clark Nexsen	455-5800	cfp@clarknexsen.com
Secretary	Jerry Spiker, P.E.	MMM	623-1641	jspiker@mmmdesigngroup.com
Treasurer	Staci Dugan, P.E.	Clark Nexsen	455-5800	sab@clarknexsen.com
Past President	Bill Horton, P.E.	Coenen & Associates, Inc.	596-9681	whorton@coeneninc.com

ECHR Officer List

President	Jake Keller, L.S.	Parsons Brinckerhoff	466-9604	keller@pbworld.com
President Elect	Selena Moore, P.E.	Parsons Brinckerhoff	466-9604	moorese@pbworld.com
Vice President	Mark DelSordo, E.I.T.	NRW Engineering	474-0612	mjd@nrwengineering.com
Secretary	Matt Hinson, P.E.	US Army Corps of Engineers	441-7302	matt.hinson@nao02.usace.army.mil
Treasurer	Art Cantrell, E.I.T.	NRW Engineering	474-0612	arc@nrwengineering.com
Past President	Mike Barbachem, P.E.	URS Corporation	499-4224	mike_barbachem@urscorp.com

The Joint Societies Newsletter is a monthly publication. The purpose of the newsletter is to keep engineers in Hampton Roads informed of the Joint Societies' activities and of other news in the engineering community. If you have an article or other information that you want to include in future newsletters, please email it to **Richard Stalnaker, E.I.T.**, Newsletter Editor, at rstalnaker@clarknexsen.com. If no email is available, send to Richard at Clark Nexsen 6160 Kempsville Circle, Suite 200A Norfolk, VA 23502 or fax it to 757-455-5638. All comments and information are greatly appreciated. **Information must be received no later than the 15th of each month prior to the month of publication.**