

November 2010



Save the Date!

November 18, 2010 ODU CEEVC in collaboration with SAME

8:30 AM - 3:30 PM

Continue to [page 5](#) for more details....

December 9, 2010 Engineers' Annual Holiday Party

7:00 PM - 9:30 PM

Continue to [page 3](#) for the flyer....

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Web Calendars:

ASCE: www.ascenorfolk.org


ECHR: va-pec.org/events/HREE_calendar.pdf

VSPE: www.vspe.org/FrameNews.htm

The Joint Societies Newsletter has a new editor! Contact information for Mr. Jim Holland of Parsons Brinckerhoff, Inc. can be found on the [back page](#).

Joint Societies Luncheon Recap

The October 13th Joint Societies Luncheon was held at The Westin Hotel in Virginia Beach Town Center. The keynote speaker, Dennis Sobota, P.E., CDT, LEED AP, is the Director of Construction Administration at Clark Nexsen Architecture Engineering in Norfolk, VA and spoke on Awareness Training for A/E Personnel Safety. The opening speaker, Neal Wright, P.E., PMP, F.SAME, F.ASCE is the Vice-President and DOD Market Sector Leader at Dewberry in Virginia Beach, VA. Mr. Wright spoke on the importance of providing young engineers with mentors, as well as the benefits of two-way communication between junior and senior engineers. He stressed that young engineers bring fresh ideas and energy to a design team, and with time and mentoring, can provide increased productivity and greater overall product quality. Mr. Sobota presented a summary of the training program that Clark Nexsen uses to educate their employees on proper jobsite safety. This program focuses on safety hazards a typical architect/engineer could encounter on a jobsite: including learning the proper terminology, recognizing unsafe conditions, and knowing how to act if they encounter an imminent safety hazard. Mr. Sobota emphasized that the greatest increase in legal action against A/E firms have involved jobsite safety, demonstrating the need for proper jobsite safety education.



Joint Societies Luncheon Invitation

OCTOBER 13TH JOINT SOCIETIES LUNCHEON

The American Society of Civil Engineers (ASCE), the Engineers Club of Hampton Roads (ECHR), and the Virginia Society of Professional Engineers (VSPE) cordially invite you to the Joint Societies Luncheon to be held on **Wednesday, October 13th, 2010**.

Opening Speaker: Neal T. Wright, P.E., PMP, F.SAME, F.ASCE
Mentoring the Young Engineer Today

Keynote Speaker: Dennis J. Sobota, P.E., CDT, LEED AP
Awareness Training for A/E Personnel Safety

Mr. Sobota has more than 40 years experience in engineering, construction and facilities management. He is a graduate of Penn State University and holds a Master's degree from the University of Pittsburgh. He is a Registered Professional Engineer in 6 states and a Licensed Asbestos Inspector in Virginia. Mr. Sobota served in the Navy's Civil Engineer Corps and retired from the Navy Reserve in 2006 with 30 years active and reserve, combined service. He has served as an Adjunct Faculty member in ODU's Continuing Engineering Education program and has had articles published in the Navy Civil Engineer Magazine and NSPE Magazine.

Mr. Sobota will discuss awareness training for A/E personnel safety. He will review some common safety terms and definitions, the parts of the training plan, personal protective equipment, hazardous or toxic agents, fall protection, safe access, excavations and confined spaces.

Host: VSPE - Tidewater Chapter

Time: 11:30 a.m. to 12:00 noon (Sign-In); 12:00 to 1:00 PM (Lunch & Presentation)

Location: The Westin Virginia Beach Town Center
(Located at 4535 Commerce St., Virginia Beach, VA 23462)

Cost: \$20.00 - Credit cards accepted online, cash and checks accepted at the door. Please make checks payable to VSPE-Tidewater Chapter.

Seating is limited, so please email or visit <http://www.eventbrite.com/venue/1863698345> to register today. Registration ends on Friday October 8th, 2010. For additional information, contact Janida Hendricks by e-mail at JHendricks@ClarkNexsen.com

If you have any special needs (dietary, disability, etc.), please specify them with your reservation. Changes to reservations and cancellations will be accepted until October 8th. **Seating, but no shows will be billed.**



ENGINEERS' ANNUAL HOLIDAY PARTY

Join us for the annual Holiday Party
for ECHR, ASCE and VSPE



Date: December 9, 2010 (Thursday)
Time: 7:00 - 9:30 p.m.
Place: Tautogs Restaurant
205 23rd Street, Virginia Beach

Includes: Your first beverage, a wonderful selection of heavy hors d'oeuvres including steamed shrimp; Oysters Rockefeller/Oysters Benny; vegetable & shrimp quesadillas; black bean & corn wonton cups; crab dip; roasted vegetables; chicken teriyaki skewers; tuna rounds; smoked salmon with capers; chicken wings, petit fours & holiday cookies.



RSVP with Bill LaBelle (SPAWAR) at 757.619.9050 william.labelle@navy.mil
Steve Tempesco (URS) at 757.499.4224 steve.tempesco@urscorp.com

Cost: \$30 per person payable at the door

Please make checks payable to: The Engineers Club of Hampton Roads (ECHR)

2010 ENGINEERING ACHIEVEMENT AWARDS COMPETITION



Post Office Box 906
Norfolk, Virginia 23501

4 November 2010

Dear Hampton Roads Engineer:

The Engineers Club of Hampton Roads is pleased to announce its Annual Outstanding Engineering Achievements Award Program for 2010. This program serves to recognize Hampton Roads engineers for outstanding technical accomplishments and highlights significant engineering activity by Hampton Roads engineers. Achievements in engineering are broadly defined to include innovative design, new products or processes, new software or systems that were completed by a Hampton Roads engineer during the 2010 calendar year.

Last year's winner was Kimley Horn and Associates, Inc. for the I-64 Battlefield Boulevard Interchange Improvements Project. Previous winners of the award include Trane for the Dam Neck Annex – Energy Savings Performance Contract; Clark Nexsen for the Norfolk Cruise Terminal; Clark Nexsen for the Virginia Beach Convention Center; HSMM for the Hampton Roads Convention Center; Stroud Pence for the Ted Constance Convocation Center; Parsons Brinckerhoff Quade and Douglas, Inc. for the Vietnam Veterans Memorial Bridge; Collins Engineering for innovative traffic engineering in the City of Virginia Beach; LANIDIV for Pier #2 at Naval Station Norfolk; Glenn and Sadler(Trans Systems) for the Wisconsin mooring.

Outstanding engineering achievements will be recognized during the annual Engineers Week Banquet on February 25, 2011. You are encouraged to submit your outstanding engineering achievements for possible recognition at this event. Instructions and an entry form are enclosed.

Please call Rick Martinec at (757) 385-8339 if you have any questions.

Respectfully,

Rick Martinec, PE
Director
The Engineers Club of Hampton Roads

[Click here](#) for Criteria and Entry Form



Civil and
Environmental
Engineering
Visiting
Council



Society of
American
Military
Engineers

The Old Dominion University CEEVC and SAME invite you to attend a one-day seminar:

**What Does the Future Hold for design professionals & contracting community?
State/Federal/Regional Contracts**

Thursday, November 18, 2010 - 8:30 a.m. – 3:30 p.m.

Special Sessions / Timely Topics:

VA's Transportation Funding – Where Do We Go from Here?

Lunch speaker: Mr. Aubrey Layne, Commonwealth Transportation Board Member, Hampton Roads

NAVFAC Design and Construction Initiatives in NAVFAC

Captain Mark Libonate – Commanding Officer Perspective

VDOT Hampton Roads Funding

Mr. Adam Jack, VDOT, Hampton Roads Assistant District Administrator

HRTPO Regional Transportation Priorities - Scheduled for release 11/17/10

Hampton Roads Transportation Planning Organization representative

The objective of the seminar is to exchange information with the architectural, engineering and contracting community on potential projects and budgets of State/Federal/Regional agencies. Agency representatives present budgets, procurement trends, expectations, project lists and priorities. Agencies include:

Federal

- ◆ NAVFAC Atlantic Environmental
- ◆ NAVFAC Atlantic Capital Improvements
- ◆ NAVFAC MIDLANT
- ◆ Army Corps of Engineers
- ◆ U.S. Coast Guard
- ◆ Department of Homeland Security

State/Regional

- ◆ Virginia Department of Transportation
- ◆ Virginia Port Authority
- ◆ Commonwealth Transportation Board
- ◆ Hampton Roads Sanitation District
- ◆ Old Dominion University
- ◆ Norfolk State University
- ◆ HRTPO / HRPDC

Proceeds from this event (20 years running) support scholarship endowments for the ODU Civil and Environmental Engineering Department. ODU CEEVC is a volunteer non-profit organization.

Register online on or before November 16, 2010 <http://ceevcsamefall2010.eventbrite.com>. After 11/16 contact via e-mail. No shows will be billed if not cancelled by Monday 11/15. Agencies are subject to change.

Location: Norfolk Yacht and Country Club is located on 7100 Hampton Boulevard. Go to <http://www.norfolkyacht.com> for detailed directions.

Fee: \$185.00 (includes lunch, coffee breaks, handouts and raffles).

Questions: Contact Barry Forbes at barry.forbes@navy.mil

We appreciate your support of our volunteer fundraising efforts!!!



NORFOLK BRANCH ASCE GOVERNMENT CIVIL ENGINEER OF THE YEAR

Nominations for the Norfolk Branch ASCE Government Civil Engineer of the Year are now being accepted. A nomination form is attached. If you have any questions or would like a nomination form in Microsoft Word format, please contact Mike Bumbaco at 757.619.8580 or msb23454@aol.com. A blank nomination form is located at the end of the newsletter. Below are requirements for Nominees:

- Professional registration and working for a local, state, federal, or other government jurisdiction in Hampton Roads Area
- A sustained record of outstanding civil engineering performance in the public sector
- Evidence of high character and professional integrity
- A record of civic and humanitarian activities (community service)

15 years in the public service sector as a civil engineer and 5 of the last 15 years at the senior administrative level

The nomination form MUST be completed and returned to Mike Bumbaco by December 1, 2010 in order to be eligible for the award. The recipient will be presented an award during the February 2011 Engineers' Banquet. Previous recipients of the Award include:

2010 Philip L. Hubbard, P.E., Special Assistant for Compliance Assurance, HRSD

2009 James T. Gale, P.E., Assistant Contingency Engineer, NAVFAC

2008 Richard Hartman, P.E., City Engineer, City of Portsmouth

2007 Mostafa A. Sabbah, Ph.D., P.E., Director of Engineering, City of Newport News

2006 Richard Kahler, P.E., Director, NAVFAC MIDLANT

2005 Dwight L. Farmer, Executive Director, Hampton Roads Planning District Commission

[Click here](#) to proceed to the Nomination Form

From the ECHR Treasurer

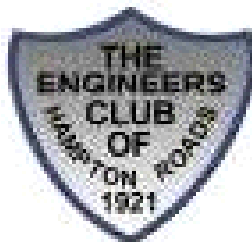
It's that time of year when the ECHR collects its membership dues. Some members have already responded, but we are still missing a few people. ECHR is the only local of the joint societies, thus we handle our membership and dues collection locally also. In that regard we can provide updates and statistics on how that effort is proceeding. Dues notices/membership update cards ("Roster Information") were mailed out in early October. Mr. Kenneth G. Stepka of Clark Nexsen was the first to send in his membership dues for the 2010 - 2011 year. The next trip to the post office found responses from: Watt Perley, Al Mattson, Charles Wolfe, Ralph Mani, R. Kenneth Weeks, A. Sidney Roberts, Lamont Curtis, Mary Ann Mijares, Thomas Urso, James Thomasson, Robert Harrell, and Saul Mednick. Mr. Stepka so far holds this year's top honor for largest donation to the Club/Foundation. Mr Mednick of Globe Iron also provided some comments on the form that are being considered.

First out-of-state response: Nicholas D`Amato - Kitty Hawk NC; second, Art Cantrell Tucson AZ. Mr. Cantrell currently holds the title to most distant member.

For those that have not returned the member update card, please find where it has may have scampered off to and send it in. Probably the single most important item of information on the member information card, besides your address, is a current and valid email address. As we are relying more heavily on electronic dissemination of up-to-date information functioning email addresses are more critical. The ECHR still does send out snail mail (U. S. Postal Service) and faxes but is limited in number. Some of the information distributed, whether originating from ECHR or other societies, is pushed so close to the event that there is insufficient time for distribution using snail mail. Additionally, the member update card provides us an update on retirements, other organizations joined, change of address, etc.

As a reminder, the Engineers' Club of Hampton Roads not only hosts several social events through out the year, but they also provide the support for the ECHR Education Foundation. The Foundation takes applications from (targeted) rising junior and senior engineering majors, and awards several thousand dollars in scholarships each year. The Foundation prefers the rising junior or senior as we feel that they are committed to the engineering profession, but the Foundation accepts applications from other levels of study.

If you have lost your membership card, contact Dixon Tucker. If you would like a membership application ask any ECHR



Career Opportunities:

Please Notify Jim Holland at Holland@pbworld.com for updates to any Career Opportunities



VATF2.COM

VIRGINIA TASK FORCE 2



URBAN SEARCH & RESCUE

513 Viking Drive Ste. 9
Virginia Beach VA 23452
Voice (757) 385-6680
Fax (757) 431-4161

Structural Specialist Recruitment

Virginia Task Force 2, Urban Search and Rescue Team is seeking structural engineers to serve as Structural Specialists.

Virginia Task Force 2 is part of Department of Homeland Security, Federal Emergency Management Agency, Urban Search and Rescue system and is staffed by approximately 200 specially-trained career and volunteer fire and rescue personnel, with expertise in the rescue of victims from collapsed structures. The team is comprised of emergency managers, planners, physicians and paramedics and includes specialists in the fields of structural engineering, heavy rigging, collapse rescue, logistics, hazardous materials, communications, canine and technical search.

Structural Specialists evaluate structural damage, assess the stability of damaged buildings, recommend risk mitigation steps, calculate loads, and assist with temporary shoring. The work requires rapid assessment and clear communication skills in severe, high-stress conditions. Candidates must be physically fit, able to work within a command structure, and willing to deploy on short notice for up to fourteen days.

Requirements include Professional Engineers license and a minimum of five years of structural engineering experience. Engineering experience must include structural design plus field investigation and evaluation of existing buildings. Experience in assessing structural damage is a plus. The successful candidate will receive specialized training over 12 to 18 months depending on course schedules and availability.

This is a volunteer, on call position, compensated only upon activation and deployment.

Contact: Rick Kahler (757) 322-4234, Richart.kahler@navy.mil

For additional information see www.vatf2.com and www.fema.gov/emergency/usr/

Career Opportunities:

Please Notify Jim Holland at Holland@pbworld.com for updates to any Career Opportunities



CLARK NEXSEN is a full-service architecture, engineering, interiors and master-planning design firm headquartered in Norfolk, Virginia with a staff of over 400 employees in six regional offices. Full-time, regular employees are eligible for health and dental plans, 401k, paid vacation and sick leave, life insurance, short- and long-term disability, AFLAC, flexible spending accounts for healthcare and childcare, education reimbursement, prepaid legal service, long-term care insurance, and direct deposit. We offer a friendly, professional atmosphere, a state-of-the-art working environment, and a smoke-free workplace. We are an ENR Top 300 A/E design firm and have consistently been named one of the Top 10 Places to work by Inside Business. Apply online at www.clarknexsen.com. (757) 455-5800. EOE/AAP

Electrical Engineer (Norfolk Office) BSEE or equivalent, EIT. Minimum 3-5 years experience in the design of power distribution, lighting, and telecommunications design. Candidates will be self-motivated, capable of working on projects with minimal oversight. Familiarity with Government UFCs, UFGSs, Microsoft EXCEL and AutoCAD Version 2008 is a plus.

Structural Engineer (Bridge) Minimum 5 years bridge experience in NBIS (National Bridge Inspection Standards) bridge safety inspections. PE registration desired (EIT registration required) and must be qualified to be a bridge safety inspection team leader under NBIS regulations. Must enjoy working outdoors with travel involved. Excellent growth opportunities.

COLLINS ENGINEERS^{PC}

Are you looking for new challenges? Collins Engineers, Inc. is looking for Structural Engineer to expand our office in Newport News, VA. We offer a tremendous opportunity to be involved in a variety of large and small projects.

Qualified candidates must have, at a minimum, an E.I.T and 3 to 4 years experience in the design, inspection and or evaluation of marinas, ports and/ or bridges. Candidate must be motivated, capable of working independently, willing to perform field work, and be organized with excellent written and oral communication skills.

To be considered for this position, please send a resume to:

Anne Harney, HR Director

Collins Engineers, Inc.

123 North Wacker Drive, Suite 300

Chicago, IL 60606

[Affirmative Action Employer m/f/d/v](#)



GREELEY AND HANSEN

Civil/Environmental Engineer

Greeley and Hansen an environmental engineering firm specializing in water and wastewater is seeking Civil/ Environmental Engineers and Interns in our Norfolk, Richmond and Springfield offices.

Ideal candidates should possess a B.S. degree in civil/environmental engineering or related field. Interest in studies and design of water and wastewater treatment for major municipal projects required. Exceptional communication skills along with proficiency with Microsoft Office necessary. M.S. in civil or environmental engineering, AutoCAD, GIS and EIT preferred.

Interested candidates should complete an on-line application at: www.greeley-hansen.com e-mail: careers@greeley-hansen.com
fax: (312) 558-1006 Or, call Mark Gibboney at (312) 578-2330

Greeley and Hansen is an affirmative action/equal opportunity employer.

Career Opportunities:

Please Notify Jim Holland at Holland@pbworld.com for updates to any Career Opportunities



Clark Nexsen:

Seeking an **electrical engineer** with 3-5 years experience for Norfolk Office.

Seeking a **structural engineer** with minimum of 5 years bridge experience.

COLLINS ENGINEERS^{PC}

Collins Engineers, Inc.:

Seeking a **Structural Engineer** with 3-4 years experience.



Greeley and Hansen:

Seeking **Engineers** and **Interns** for Richmond, Norfolk, and Springfield offices.



Hampton Roads Sanitation District:
Recruiting in Operations and Engineering Departments for the following positions:

- Instrumentation Manager
- Electrical Manager
- Interceptor Engineer
- Wastewater Treatment Plant Manager
- Interceptor Engineer
- Hydraulic Analysis Manager

MacDonald-Bedford LLC

MacDonald-Bedford LLC:

Seeking degreed **electrical engineers** with 5 to 10 years experience.



Naval Facilities Engineering Command:

Seeking entry level and experienced **Structural Engineers** at NAVFAC Atlantic and NAVFAC Mid-Atlantic offices in Norfolk.

Seeking entry level and experienced **Civil Engineers** at NAVFAC Atlantic and NAVFAC Mid-Atlantic offices in Norfolk.

Seeking entry level and experienced **Electrical Engineers, Mechanical Engineers, Architects, Project Managers and Cost Engineers/Technicians** at NAVFAC Atlantic and NAVFAC Mid-Atlantic offices in Norfolk.



Parsons Brinckerhoff:

Seeking junior to mid-level **structural engineer** for Norfolk office.

Seeking mid-level to senior **roadway engineer** for Norfolk office.

PCS, Inc.—Professional Consulting Services

PCS, Inc.:

Seeking **Systems Engineers** of all experience levels to assist with Lockheed Martin's Missile and Fire Control Group in Orlando, FL.

Rolls Royce Naval Marine, Inc.

Recruiting Supportability Engineering Techs for their Walpole, MA facility.

Sinclair Pratt Cameron, P.C.

Looking for an experienced structural engineer in Virginia Beach.



Stroud, Pence & Associates, Ltd. is seeking structural engineers in Virginia Beach.

Career Opportunities: Please Notify Jim Holland at Holland@pbworld.com for updates to any Career Opportunities



Kimley-Horn is one of the nation's most comprehensive and best respected engineering and land planning firms. With staff in over 50 offices, we offer full services in a wide range of disciplines: aviation, environmental, intelligent transportation systems, landscape architecture, land planning, transit, transportation, roads and bridges, urban redevelopment, and water resources.

Kimley-Horn and Associates, Inc. has ranked in the "100 Best Companies to Work For" in the US for the past six years. Our employees know Kimley-Horn as a great place to work where our core purpose is "to provide an environment for our people to flourish". Apply on-line at www.kimley-horn.com under Careers>Career Opportunities>Job Openings>VA.

EOE AA/M/F/D/V

Kimley-Horn has the following positions available in our **Chesapeake, VA** office:

Water Resources Engineer

The ideal candidate will have a BSCE, EIT registration and 3 - 5 years of relevant experience in the planning and design of water and wastewater infrastructure for municipalities with an emphasis on modeling of these systems. Skills required include water, wastewater, and stormwater hydraulic modeling utilizing EPA SWMM and/or DHI MIKE Urban. Strong sense of urgency and selfinitiative to meet client deadlines is also required. Other responsibilities include research, data collection, analysis, coordination, management, cost estimating, drafting (CAD, Civil 3D, GIS) and preparation of bid packages as well as technical specifications. Previous design experience of pipelines, elevated tank storage, lift stations, and pump stations as well as experience conducting watershed studies is desired. Experience interfacing with clients and local candidates preferred.

Senior Professional Geologist

The ideal candidate will be a Professional Geologist (PG) with a minimum 10 years of experience who will direct marketing, technical studies and staff development for an existing Contaminant Assessment and Remediation practice. Must have field experience working with a GeoProbe and drill rigs and performing multi-media sampling, along with working knowledge of industrial hygiene services including asbestos, lead-based paint, indoor air quality assessments, and health & safety. Must possess and strong knowledge of sampling and analysis procedures for the full range of contaminants and media including metals, petroleum hydrocarbons, VOC/SVOCs including chlorinated solvents and PCBs in soil and groundwater.

GIS Project Manager

The ideal candidate will have GISP certification with a minimum of 4 - 8 years of experience and possess an understanding of the range of GIS and information management software products, from desktop to server applications and development of custom tools. Applicants should have relevant experience with the development and management of geodatabases, vector and raster data in both enterprise and personal geospatial database structures. The selected candidate will have experience working with federal, state, and local government agencies especially as it relates to the utilization of GIS technology and geospatial solutions for public infrastructure management. Hands on experience managing QA/QC of geospatial databases and datasets. Experience working with metadata and creating metadata templates. Technical understanding of GIS principles as applied to computerized data warehousing and feature data. Technical understanding and experience with ESRI ArcGIS 9x, ArcServer, ArcGIS Spatial Analyst extension, Windows operating systems, M.S. Office applications and file management. Experience training novice users in basic GIS skills and intermediate users in geodatabase development and management and enterprise GIS development and deployment. Strong sense of urgency and self-initiative to meet client deadlines and ability to manage multiple projects and deliverables simultaneously are required. Experience with ERDAS Imagine and Objective, AutoCAD and Microstation, ArcServer and ArcSDE are preferred. AICP certification is also desired.

Analyst

Entry-level position in our general civil/land development group. The ideal candidate will have a Bachelor's degree in Civil Engineering and EIT registration. Interested candidates must have a willingness to perform general civil engineering tasks supporting various project management teams as required. Working knowledge of AutoCAD and previous internship experience with a civil engineering design firm is preferred.

MacDonald-Bedford LLC

MacDonald-Bedford LLC, a Professional AEC consulting firm, is seeking degreed electrical engineers with 5 to 10 years experience in design & construction, at least one of which is in the execution of federal design/construction projects (experience with military facilities strongly preferred). The ideal candidate will have a federal facilities background, be very familiar with the Unified Facilities Criteria, National Electric Code and National Electric Safety Code. Technical background should include three-phase power distribution for both medium (12.47 KV typical) and low voltage (120 – 480 V) systems; lighting system (internal and external) design; and communications systems' design. The successful applicant must be able to quickly master critical software applications and be an excellent communicator. Customer service skills are vital to this role and the well-qualified applicant will be capable of providing outstanding service, integrated into the client's environment and working with a diverse, multi-discipline, multi-agency team. A PE with RCDD, LEED AP and/or PMP credentials is preferred.

The successful candidate will provide a full range of electrical engineering services related to the design, construction, and maintenance of a wide variety of facilities throughout the areas served by the client. Duties will include engineering design, oversight, review, coordination, consultation, and construction services needed to develop and execute facility and utility requirement plans for the full range of projects. This includes minor works projects, specific projects, special projects, military construction, demolitions, maintenance, engineering surveys, space utilization, and facilities development and planning.

If qualified, please send info regarding availability for a full time position in Norfolk, VA, complete curriculum vitae, full compensation requirements and eight references to hr@macdonaldbedford.com.

Location: Norfolk, VA

Compensation: \$76K - \$82K

Sinclair Pratt Cameron, P.C.

Sinclair Pratt Cameron, P.C. is looking for an experienced structural engineer to join our staff.

Qualifications:

The ideal candidate for this position should possess the following qualifications or have the desire & ability to readily acquire them as necessary:

- * Professional Engineering license preferred (if certified in a state other than Virginia, licensing in our state would be required after a minimal period of time)
- * 5 years (minimum) of building industry structural experience
- * thorough knowledge of construction documents, techniques, sequences & building codes
- * ability to conduct project management from inception through completion: proposal evaluation, fee estimation, preparation of construction documents to meet deadlines, specifications, markups/communication with CAD personnel, multi-discipline coordination, requests for information, checking/review of shop drawings, & issuing addenda
- * familiarity with AutoCAD (any version, but we use v2008)
- * familiarity with structural software design & analysis programs for design of superstructures, substructures, & foundations (Ramsteel & Enecalc preferred but not required)
- * perform on-site inspections of projects to include: inspection of damaged facilities, evaluation and/or meetings for ongoing projects, & evaluation of existing structures for expansion

About us: Established in 1985, Sinclair Pratt Cameron, P.C. has contributed to the community for over 20 years as a knowledgeable & experienced consulting structural engineering firm. Our work has included multi-story offices, warehousing & manufacturing facilities, medical & sports facilities, large & small shopping centers, churches, schools, cofferdams, bulkheads, parking garages, multi-family complexes, single family homes, and stateside/overseas military facilities.

Location: We are located in the Hilltop area of Virginia Beach, Virginia, about 4 miles from the oceanfront area and about 1/4 mile from interstate 264 for easy access to everything.

Benefits: Sinclair Pratt Cameron offers very competitive salaries & a complete benefits package that includes: * pleasant working environment * paid medical insurance * medical cost reimbursement allowance * dental insurance (available) * 401k retirement plan with matching company contribution * paid vacation * paid holidays * sick pay * business casual Fridays * summer work schedule (1/2 day Fridays)

Starting salaries are commensurate with experience & abilities, but will grow as fast as your worth to the team grows.

Interested??

We look forward to hearing from you.

Please send your resume to: greatjob@spc-eng.com



The Naval Facilities Engineering Command (NAVFAC) is soliciting interest for multiple vacancies for entry level and experienced Civil Engineers, Structural Engineers, Electrical Engineers, Mechanical Engineers, Architects, Project Managers and Cost Engineers/Technicians. The positions are located at NAVFAC Atlantic and NAVFAC Mid-Atlantic offices in Norfolk, VA. Positions offer opportunities to perform detailed design, preparation of Design-Build RFPs, and design management/oversight of architectural and engineering consulting firms and construction contractors.

NAVFAC is a multi-discipline federal engineering agency responsible for the planning, engineering, construction, project management, environmental compliance, and maintenance of the U.S. Navy's shore facilities world wide. For more information visit the NAVFAC website at: <http://www.navfac.navy.mil/>.

The positions are full time Federal Civil Service positions with all federal benefits including: competitive salaries, flexible work schedules, 13-26 days of paid annual leave, 10 paid holidays annually, 13 days of sick/family leave annually, federal health & life insurance programs, retirement benefits, flexible health spending accounts, paid overtime and comp time, continuing education and professional development. Additional benefits information is available at: <http://www.usajobs.opm.gov/EI61.asp>.

Available Positions and Discipline Requirements are:

Civil Engineers (EIT/PE): Design and design management positions for site development, utilities, roads and parking, airfields, storm water management and other environmental remediation, contingency operations, and policy/criteria development. Experience with Autodesk Civil 3D design products is highly desired. To discuss further please contact Robert Warren at (757) 445-6655; e-mail robert.l.warren1@navy.mil.

Structural Engineers (EIT/PE): Design and design management positions for the design of conventional buildings (quarters, administration, training), waterfront facilities (piers, wharves, bulkheads), airfield facilities (hangars, control towers), housing, communications towers, bridges, and other facilities. Experience in design, analysis, and Autodesk CADD products are highly desired. To discuss further please contact Anthony Farmer at (757); e-mail anthony.farmer@navy.mil.

Electrical Engineers (EIT/PE): Design and design management positions for power, lighting, and telecommunication design of conventional buildings (quarters, administration, training, schools), waterfront facilities (piers), airfield facilities (hangars, airfield lighting), power and telecommunication distribution systems, communication and other DOD facilities. Experience in design, analysis, and Autodesk CADD products are highly desired. To discuss further please contact Tina Williams at (757) 445-3176; e-mail haritini.williams@navy.mil.

Mechanical Engineers (EIT/PE): Design and design management positions for the design of mechanical systems for facility types, ranging from administrative and housing facilities to complex industrial and operational facilities, base utility systems, DDC and EMCS systems. Experience in design and analysis of various mechanical utility (U.G. and A.G), building piping and HVAC systems, and familiarity with various building codes, standards, HVAC and modeling software, and AutoCAD is desired. To discuss further please contact Stephen Ericson, at (757) 445-3180; e-mail stephen.ericson@navy.mil.

Architects (RA): Design and design management positions for projects ranging from small renovation projects to major, multi-million dollar buildings and complexes of buildings as well as involvement in contingency operations, and policy/criteria development. Experience with AutoCAD Architectural Desktop 2006 or higher, SpecsIntact and Success Cost Estimator is highly desired. To discuss further please contact Ted Porter, at (757) 445-3180; e-mail ted.porter@navy.mil.

Project Managers: Positions for Architects or Engineers of all the above disciplines relating to buildings, site work, waterfront, airfield facilities, and other specialized DoD facilities. Applicants need not possess experience in all trades. Experience in project management to include: facilitating the delivery of Capital Improvements services, client interface, budgeting constraints, design & planning schedule tracking/reporting, command briefs, and construction support. To discuss further please contact Ellen Freihofer at (757) 445-5473; e-mail margaret.freihofer@navy.mil.

Cost Engineers/Technicians: Positions for Civil, Structural, Architectural, Mechanical, or Electrical trades relating to buildings, site work, waterfront, airfield facilities, and other specialized DoD facilities. Applicants need not possess experience in all trades. Experience in budget cost estimates, cost estimating criteria, and development and maintenance of historical cost databases is highly desirable. Parametric and detailed estimating using PACES. To discuss further please contact John Nehring at (757) 444-3007; e-mail john.nehring@navy.mil.

Rolls-Royce Naval Marine Inc. is recruiting Supportability Engineering Techs for their Walpole, MA facility.

Rolls-Royce Naval Marine Inc. is committed to the marine market and maintaining its world leading position in the design, development, supply and support of products and systems for commercial and naval customers worldwide. With a primary focus on power, propulsion and motion control solutions, Rolls-Royce serves over 2,000 customers and has equipment installed on 20,000 commercial and naval vessels operating around the world.

To be considered for this excellent opportunity with Rolls-Royce, please send your Word resume and salary requirements to:

Michelle Trant, Director of Sales & Recruiting, Relick Services—763.420.6346—mtrant@relickservices.com—www.relickservices.com

Project Responsibilities

The Supportability Engineer shall, as delegated by the ILS Manager carry out, or assist in the execution of, the following tasks:

- Prepare and submit an Integrated Support Plan, Logistics Support Analysis Plan, and ILS Review Plan.
- Prepare for and attend ILS review meetings, both internal and customer. Prepare detailed minutes and actions.
- Submit ILS Program Status Reports (PSR).
- Undertake LSA tasks tailored to suit the individual system and equipment needs of the Program and implement an LSA program in accordance with the agreed LSAP.
- Review the development of the Project Logistic Control Number (LCN) structure, for compliance with specified standard as required by the project.
- Establish a process for incorporating (assess, cost, implement and prove) design improvements or updates.
- Undertake regular formal reviews of supportability and supportability related design contract requirements as an integral part of each system and sub-system program.
- Review all related studies and reports related to Supportability.
- Perform sensitivity analyses to determine the variables for each design alternative to identify the supportability, cost and readiness drivers, together with any identified risk associated with advancing technology. The supportability, cost and readiness objectives shall be continuously monitored and updated.
- Make maximum cost-effective use of RCM to reduce the requirement for upkeep and maintenance. Ensure RCM implemented and utilized cost-effectively, the RCM Guidance Conferences, RCM Reviews and review of RCM results. Review sub-contractors Trade Off Results at ILS Reviews.
- Review the Level of Repair Analysis (LORA) conducted to date. Any deficiencies identified will be embodied in the ongoing analysis.
- Collate and store for future reference information on R&M performance of equipment fed back from the fleet, dockyards, repair yards and other sources.
- Review any plans created to date whose purpose is to establish a means of monitoring performance assessment, to include specific RMA targets and overall effectiveness of the equipment design. Establish a means of monitoring performance assessment, to include specific RMA targets and overall effectiveness of the submarine design. Plan, organize and undertake supportability demonstrations.
- Establish a procedure for the management of defects reported or revealed during routine maintenance, to include effective information transfer, logging and traceability of solutions.
- Prepare and submit a Reliability and Maintainability (R&M) Program Plan and assist in developing associated deliverables, reports and data mining.
- Assist in the derivation of Functional MTBF and MTTF parameters from the equipment and system MTBF and MTTF parameters and the Reliability Block Diagram relevant to the function using analytical methods.
- Assist in the determination and demonstration of logistic delay times and the availability of the maintainer to undertake Corrective Maintenance work in conjunction with the Human Factors and ILS requirements.

Position Requirements

Basic:

- Bachelor's degree in Engineering field and 1+ years experience in Integrated Logistics Support and/or DoD ILS Standards.
- In lieu of BS/BE, Associate's degree in Engineering field and 3+ years experience in Integrated Logistics Support and/or DoD ILS Standards.
- In lieu of Associate's degree, H.S. Diploma required and 5+ years experience in Integrated Logistics Support and/or DoD ILS Standards.
- Experience with (Mil-Prf-49506; Mil Stds 1388, 1629A, 24534A; Mil-Hdbks 217, 470 and 472).
- Experience with Microsoft Word, Excel and/or RMA computer models (Relax or Isograph).
- U.S. citizenship required.

Preferred:

- Commercial and contract experience in the marine industry.
- Experience in configuration management for major projects and minor modification programs.
- Demonstrated ability to work well with others in a team environment. Ability to communicate effectively with all levels of customer and internal management.

Position Relocation Eligible

Yes

Large Aerospace Firm-Florida-Needs Engineers Now

PCS, Inc. – Professional Consulting Services is assisting **Lockheed Martin's Missile and Fire Control Group** Orlando in finding and hiring **Systems Engineers**. We have **over 20 open positions** to fill ranging in levels from 0 years experience with a Masters Degree to 18 years experience. Must be US Citizen. Previous work with a defense contractor preferred.

Standard Job Description: Performs technical planning, systems integration, verification and validation, cost and risk, and supportability and effective analyses for total systems. Analyses are performed at all levels of total systems product to include: concept, design, fabrication, test, installation, operation, maintenance and disposal. Ensure the logical and systematic conversation of customer or product requirements into total systems solutions that acknowledge technical, schedule and cost restraints. Perform functional analysis, timeline analysis, detail trade studies, requirements allocation and interface definition studies to translate customer requirements into hardware and software specifications.

Below is a sample list of required Skills for the numerous open positions.

- Candidate will be familiar with IRAD processes, EVMS, demonstrate customer interaction and concept development for urban warfare.
- EO systems design, optics, SWIR, Lasers and laser illumination. Strong background in theory and hands-on hardware/lab experience. Experience in electro optics design & performance analysis, failure cause testing and imagination for advanced optics and sensor concepts and implementation.
- Develop and refine targeting algorithms for Common EO Sensor program. Refine tracking algorithms that must operate in inertial and local coordinate frames. Develop requirements based on simulation results.
- Systems Architecture Development, Design Review Facilitation, requirements analysis and flow-down, write subsystem and subcontractor specifications, generate VCRMs for JAGM Technology Development Program. Computer skills – DOORS, Excel, Word, PowerPoint
- Anti-Tamper Manager: Lead small team of system security engineers focused on Anti-Tamper (AT) and Information Assurance (IA). Support LMMFC programs by providing guidance, system security services and labor, AT process and process control, and AT techniques and technologies. Strong multi-tasking skills.
- Laser Engineer with substantial education and hands-on experience with Femtosecond class lasers. Tasks will include design, analysis, integration, test and demonstrations of Femtosecond lasers and their application in a variety of missions. Familiarity with all aspects of the lasers and optics is a must.
- Systems Engineer will establish and maintain DOORS database for Requirements documents, analyses and specs – establishing parent-child relationship for spec flow-down. Work in collaborative environment with others. Engineering disciplines to capture lower level requirements documents and ensure DRS generation is complete and accurate – leaving no orphan requirements.
- Responsible for performing various EO/IR system modeling and analysis tasks. The candidate should possess good mathematical analytic skills and be versatile in approaches to EO system design, trade studies, and modeling. A background in physics with emphasis in electro-optics (Visible thru LWIR), optics, detectors, lasers, electronics and digital signal processing is highly desirable.
- Systems Engineer with understanding of Electronic Safe and Arm devices. Must have knowledge and experience with the Non-Nuclear Munitions Safety Board and an understanding of the FESWG Guidelines on the use of logic devices in fusing systems. A strong background in the system safety and reliability engineering is desired.
- Engage in and support new business acquisition activities for the tactical missiles line of the business. Develop solutions to fill capability gaps and customer needs. Define system concepts of operation.

Candidate should have experience in optimal estimation theory, Kalman Filter applications, kinematics, target tracking algorithms and data association methods. Candidate should also possess a skill set that includes Matlab, a working level knowledge of C/C++, and experience implementing and debugging tracking algorithms in a real-time environment.

Salary Ranges: \$94K-\$125K (14 years exp.), \$64K-\$80K (5 years exp.), \$79K-\$105K (7-9 years exp.), \$51K-\$60K (0-2 years experience with MS degree.)

If you or anyone you know has interest in joining the premier defense contractor in the world, Lockheed Martin, send your resume to jgorman@cfl.rr.com or call John Gorman at 407-788-2098.



Structural Engineers

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Send resume to:

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ENGINEER—LEAD/WATER WASTEWATER

Whitman, Requardt and Associates, LLP (WR&A) currently has an opening for a Water/Wastewater Engineer with 10+ years of municipal engineering experience. WR&A's Newport News office has grown its client base and we are looking for the right person to lead an office on the south side of Hampton Roads to better serve clients throughout the Tidewater area.

WR&A is a regional top 130 ENR firm formed in 1915 to serve federal, state, and local government and industry throughout the mid Atlantic area.

Applicants should have a BSCE or related undergraduate degree, PE, and 10 years of progressively responsible water/wastewater engineering experience. Positions offer competitive salary, full benefits, and a 401(k) plan. To apply, please visit <http://www.wralp.com/careers/home.htm>. EOE, Drug Free Workplace. **U.S. Citizenship required.**



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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 one of the editors. If no email is available fax it to 757-466-1493 c/o Jim Holland or mail to:

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All materials and information must be received no later than the 2nd weekend of each month prior to the month of publication.

All comments and information are greatly appreciated.

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