

September 2011

## Upcoming ACEC/NC Events & Activities

### ACEC/NC/DOT Joint Transportation Conference

October 18, 2011  
7:30 a.m. - 6:00 p.m.  
Jane S. McKimmon Center  
Raleigh, NC

### Engineering Excellence Awards

November 10, 2011  
5:30 - 8:30 p.m.  
Prestonwood Country Club  
Cary, NC

### Holiday ACEC/PAC Reception & Auction

December 1, 2011  
5:30 - 8:00 p.m.  
Cardinal Club  
Raleigh, NC

...more details to come!

## Positions Available

For more information on these job postings and how to apply, please refer to the jobs board on the ACEC/NC website at [www.acecnc.org/jobs.aspx](http://www.acecnc.org/jobs.aspx).

Alpha & Omega Group, PC, is seeking a **Registered Civil Engineer** licensed in North Carolina with six years experience in civil site design.

Alpha & Omega Group, PC, is also seeking a **CADD Technician** with minimum five years experience in preparing NCDOT bridge plans and with strong experience using MicroStation V8i software.

HDR Engineering, Inc. is seeking a **Senior Marketing Manager** for their Charlotte office.

Hipp Engineering is seeking a junior to mid-level **Electrical Engineer** with facility design experience.

Hipp is also seeking a junior to mid-level **Instrumentation & Controls Engineer** with strong

## Exploring Transportation



Join us on October 18th at Raleigh's McKimmon Center for our annual ACEC/NC/DOT Joint Transportation Conference!

### AGENDA:

7:30a.m. Registration and Networking Breakfast  
8:15a.m. General Session

Speakers: - Welcome from ACEC/NC  
- Jim Trogdon, Chief Operating Officer, NCDOT  
- Burt Tasaico, State Program Analysis Engineering, NCDOT  
- Rodger Rochelle, Transportation Program Management Unit Director, NCDOT  
9:30a.m. Morning Break  
10:00a.m. A.M. Concurrent Workshops (attendees pick one)

### - Technology Tools - There's an App for That!

Staying current with the latest technological tools is not only a goal but a necessity for professionals in the engineering field. This session will highlight a full range of uses for recent technological innovations for data collection, project design and public involvement. The most current technology will be presented by four different types of users with different objectives. The Texas DOT will discuss how they leveraged technology to obtain new data for the design and installation of Intelligent HOV Lanes. South Carolina DOT will talk about how they are using iPads to manage maintenance operations and collect other useful information. NCDOT's GIS Unit will present information about how a Spatial Data Viewer (SDV) they developed can be operated by NCDOT users to have ready access to spatial information. NCDOT's Enterprise Visualization Unit will demonstrate 3D visualization for project designs and public involvement will be explored. Finally, as a session bonus, Apps that are useful to engineers will be displayed during the conference reception by fellow engineers and representatives from Apple.

Speakers: - Mark Eder, Texas Department of Transportation  
- David Cook, South Carolina Department of Transportation  
- David Hinnant, North Carolina Department of Transportation  
- John Farley, North Carolina Department of Transportation

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## Editorial Feature "Raleigh Transportation and Housing Bonds - Vote Oct. 11th"

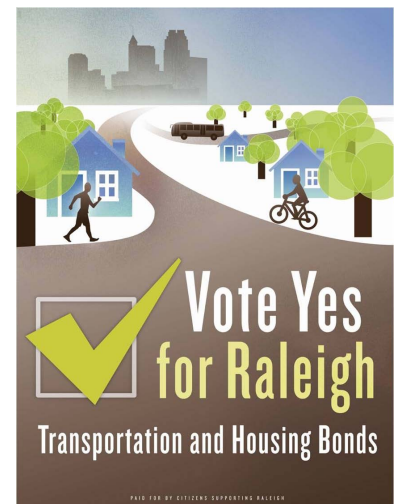
Member firms with Raleigh-area staff are asked to please encourage any and all Raleigh residents to vote YES for \$40M in Transportation Bonds that will:

- Keep things running smoothly by resurfacing streets and repairing potholes.
- Build and repair sidewalks.
- Improve our bus stops, shelters, benches and transit stations.
- Create more bike lanes giving commuters another option for safe transit.
- Widen roads and plan new corridors making it easier and faster to get from place to place.

And vote YES for \$16M in Housing Bonds that will:

- Help our neighbors continue to repair their homes after the April tornado.
- Revitalize our neighborhoods and preserve historic architecture.
- Build housing for seniors, families and persons with disabilities through public-private partnerships.
- Make homeownership possible for first-time buyers like young professionals, firemen, policemen and teachers.

Both bond issues are important to ACEC/NC member firms, creating opportunities for engineering firms for years to come. In fact, much of the Transportation Bond funding is allocated specifically to planning and design. Remember: Vote YES for affordable, cost-saving improvements to our city.



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control systems design experience.

**KCI Associates of NC, PA** would like to hire a **Designer** for their Raleigh office.

**Mulkey Engineers & Consultants** is seeking a **Water Resources Project Engineer** for their Charlotte office.

**Schnabel Engineering, Inc.** is looking for an experienced **Transportation Engineer** for their Greensboro office, to lead their transportation growth initiative.

**SEPI Engineering & Construction, Inc.** is hiring for the following positions:

**Environmental Department Manager** to manage the company's environmental services operations. Position may be located in either their Raleigh or Charlotte office.

**Senior Environmental Scientist** for their Raleigh or Charlotte office.

**Water Resources Engineer** for their Raleigh, NC office.

**Roadway Design Engineer** for their Raleigh, NC office.

**URS** is seeking qualified candidates for the following positions in the Morrisville, NC office:

**Bridge Engineer** with a minimum of two years experience.

**Bridge Engineer** with a minimum of five years experience.

**Senior Roadway Engineer  
Hydraulics Engineer**

To have your company's open positions included in the next NC Report, email [info@acecnc.org](mailto:info@acecnc.org)

### - What's New? North Carolina Designs and Processes

This session will bring attendees up to date on the progress of NCDOT's corridor modeling development and highlight Private Engineering Firm usage expectations and partnering opportunities. Presenters will also share the current vision and practices of the Value Management Program that has made bold changes to enhance the efficiency of the Value Engineering Studies and improve opportunities for Private Engineering Firm usage. Last, but certainly not least, there will be a discussion about taking the Diverging Diamond Interchange to the next level by taking other geometric concepts and combining them with elements of the DDI to form new designs that have unique benefits.

Speakers: - Jeff Garland, North Carolina Department of Transportation  
- Jim McMellon, North Carolina Department of Transportation  
- Gilbert Chlewicki, Advanced Transportation Solutions

12:15p.m. Lunch with Keynote Speaker Doc Hendley

- Keynote speaker Doc Hendley is a North Carolina native and North Carolina State graduate who was presented a CNN “Hero” Award in 2009. He is the CEO and founder of Wine to Water, an aid organization focused on providing clean water to needy people around the world. Doc's fascinating story reminds us that one person truly can make a difference! For more information visit: [www.winetowater.org](http://www.winetowater.org) and [www.dochendley.com](http://www.dochendley.com)

1:45p.m. Dessert and Coffee Networking Break

2:30p.m. P.M. Concurrent Workshops (attendees pick one)

### - Cool Projects Near and Far

This session will focus on several “cool” projects on the local and national level, including tunnels, bridges and major corridor improvements. The presentations will offer details of how these distinctive projects are breaking new ground in the engineering and construction industry. Presenters will focus on specific disciplines for the projects, including planning, design and construction. Through exploration of these challenging, high profile projects (one special highlight is the Hoover Dam Bypass), attendees will gain unique insights as the speakers share their experiences and lessons learned.

Speakers: - Robert Turton, HDR, Inc.  
- Fred Parkinson, Parsons Brinckerhoff Inc.  
- Kristine O'Conner, North Carolina Department of Transportation  
- Mark Boggs, Atkins  
- Craig Young, Baker Engineering

### - Sustainability in Transportation

Sustainability is the capacity to endure. Sustainable transportation is transportation that contributes to the sustainable development of the community that owns and uses the system. Transportation infrastructure investments have long-lasting implications not only on the transportation system but also on the larger environmental, economic, and social systems with which transportation interacts. Engineers and Planners have to find creative ways to produce the conditions under which humans and nature can exist in productive harmony. This session will provide inspiration to meet that need by exploring the following: utilizing highway Right-of-Ways for renewable energy projects (wind, solar and biofuels), FHWA's web-based “Sustainable Highways Self-Evaluation Tool”, and NCDOT's climate change initiatives and their effects on transportation projects.

Speakers: - Ted Devens, North Carolina Department of Transportation  
- Constance Hill Galloway, Federal Highway Administration Office of Natural Environment  
- Carson Poe, U.S. Department of Transportation Volpe Center

4:45p.m. Networking Reception featuring Gene Conti, Secretary of the North Carolina Department of Transportation

If you are not yet registered, or you are interested in sponsoring the event, please [CLICK HERE](#). Please note, there are limited sponsorships available.

## Holiday ACEC/PAC Reception & Auction Planned for December 1st

Mark your calendars for this silent and live auction reception designed to support our National ACEC/PAC. Get in some early holiday shopping while bidding along with – and against! – your fellow ACEC/NC members and guests. This fun night of friendly competition and festive celebration is planned for December 1st at the Cardinal Club in downtown Raleigh from 5:30-8:00pm. Spouses, guests and your entire office are encouraged to attend. Per person costs and funds raised by the auction items will go directly to the ACEC/PAC. Who knows what will be up for bid?! Full details coming soon.

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Vote YES for more jobs in Raleigh! These bonds will create hundreds of jobs, helping many get back on their feet after the recession.

Additional details:

**Greenways** – The bonds include the final link in the 100+ miles of interconnected greenways running throughout Raleigh. This section connects Walnut Creek Greenway (south of the City) from the Wetland Center to the Neuse River Greenway (that will soon span 30 miles along the Neuse River including 5 canoe launches by the end of 2012, becoming the longest Greenway in North Carolina).

**Bike Lanes** – Receiving "Bike Friendly Community" Status Bronze from the League of American Bicyclist on the first time out is no easy feat. Raleigh has a completed Comprehensive Bike Plan, an empowered Bicycle Pedestrian Advisory Commission that reports to the City Council, and a comprehensive list of bike projects to complete as funding becomes available, much of which is downtown because that is where most of the bike traffic is and where they have the greatest need.

**Sidewalks** – Raleigh made a major shift in thinking about sidewalks in that now, for the first time in almost fifty years, sidewalks are once again considered part of the transportation network. For that reason, a new city policy is in place that the entire cost of the sidewalk will now be paid for by the City (formerly was split between the City and the Property Owner).



*\*The above piece was submitted by ACEC/NC Member Richard Adams (pictured above), of Kimley-Horn & Associates, and is not necessarily the view of ACEC/NC.\**

## HNTB's Henry Liles Honored for Service to NCEES

Henry Liles, Jr., P.E., of Raleigh, North Carolina, has been awarded the NCEES Distinguished Service Award for his dedicated service to the engineering and surveying professions. NCEES recognized the 2011 award winners at its annual meeting, held August 24th-27th in Providence, Rhode Island.

A member of the North Carolina Board of Examiners for Engineers and Surveyors from 2000 to 2010, Liles served as board chair and vice chair during his tenure. He is now an emeritus member of the board.

Liles has been an active member of NCEES over the past decade. His contributions to the organization's committees and task forces include serving five years on the Committee on Uniform Procedures and Legislative Guidelines, including two as chair. He also has assisted with efforts to strengthen the education requirements for engineering licensure: Liles has served as chair of the Alternate Licensure Pathway Task Force, a member of the Bachelor's Plus 30 Task Force, and consultant to the Engineering Education Task Force.

In 2000, Liles was selected Engineer of the Year by Professional Engineers of North Carolina. He has served as president of the American Society of Civil Engineers North Carolina section and Professional Engineers of North Carolina as well as trustee of the Engineers Foundation at North Carolina State University. He is currently chair of the ACEC/NC-PENC Engineers Political Action Committee of North Carolina.



ABOVE: Henry Liles (right) is presented his award by 2010-2011 NCEES President Joseph Timms.

## Google, Inc. Endorses Bio-Energy System on NC Hog Farm

This month on YouTube, Jolanka Nickerman, Google's director of carbon offsets, announced that Internet giant, Google, will invest in high-quality carbon offset credits generated from a swine farm that was transformed into a green-energy animal waste treatment facility designed by Cavanaugh & Associates, P. A. Headquartered in Winston-Salem, North Carolina, Cavanaugh, in partnership with Duke University and Duke Energy, developed this \$1.2 million prototype system at Loyd Ray Farms, a 9,000-head hog finishing operation northwest of Yadkinville, N.C.

In an effort to bolster sustainable agriculture by reducing green house gas (GHG) emissions and creating alternate revenue sources, Cavanaugh was commissioned by Duke University to develop a biomass renewable energy project that generates electricity from the methane gases produced and captured by the innovative swine waste management system. Methane is captured from a digester and used to fuel a microturbine to generate electricity. Methane is 21 times more potent than carbon dioxide, as a green house gas, and this project is designed to capture and combust all the methane generated by the farm's waste treatment system. In keeping with the innovative approach to managing waste produced on this hog farm, Loyd Ray Farm is the first swine facility in North Carolina to generate REC credits and produce enough electricity to power over 35 homes per year.

Like Duke, who credits the greenhouse gas emission reductions (otherwise known as carbon offsets) toward its voluntary carbon neutrality goal, Google is a proponent of green energy and investing in alternative energy projects like the one found at Loyd Ray Farms. Google announced this month that it is purchasing carbon offsets from this project. Both Duke University and Cavanaugh hope this is the first of many swine farm biomass energy projects in the Southeast.

"Loyd Ray Farms is a testament to the importance of creating sustainable agriculture and Cavanaugh's commitment to Stewardship through Innovation when it comes to finding ways to keep North Carolina moving forward," said Cavanaugh's CEO, Steve Cavanaugh. "Because this is our home too, Cavanaugh welcomes creative partnerships with companies like Google who support the idea of using animal "waste" as an alternative fuel source. It's truly a win-win scenario for us and our environment."

For more information on the Loyd Ray Farm project or to obtain a detailed description of the project in PDF form, please contact: Gus Simmons, PE, Principal in Charge/Designer: [gus.simmons@cavanaugholutions.com](mailto:gus.simmons@cavanaugholutions.com) or 910-392-4462.

Google's announcement can be found on YouTube at: [Google Green Channel Carbon Offsets](#)

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## Coming in November!

Do you have a Human Resources question, and you're not sure who to ask? Starting in November's *NC Report*, submit your HR questions for our HR Forum to answer! More details coming soon!

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## CDM Featured on ESPN

High school students from Dorchester Education Complex, near Boston, Massachusetts, USA, made a plea to ESPN for help. They were scared to walk from the school to public transportation, as the path was unlit and overgrown with vegetation, while the girls' track team practiced in the school hallways, using desks as hurdles. With a primary objective of improving safety, ESPN chose the school to be featured in its "RISE UP" series, which rallies local contractors and businesses to help high school athletes. Now, the students and local members of the community are benefitting from the renovation of Roberts Playground and the school's athletic facilities.

CDM donated professional engineering and construction services for the makeover. As program manager, they completed the design-build project in only 6 weeks and facilitated extensive community involvement. Read more about CDM's role on [cdm.com](http://cdm.com).

Wes Welker, New England Patriots wide receiver, showed his support for the effort at the groundbreaking event, while Tom Menino, Mayor of Boston, and Danny Ainge, Celtics President of Basketball Operations, spoke to students at a dramatic reveal event.

The entire transformation appeared on "RISE UP," September 27 at 7pm ET on ESPN.

For more information, videos and photos visit [www.espn.com](http://www.espn.com).

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## Welcome to Our New Members!

We would like to extend a warm welcome to the newest members of ACEC/NC: Experis of Raleigh, Utility Coordination Consultants of Monroe, Wells Global of Raleigh, Sharrard, McGee & Co. of Greensboro, and Alderman Environmental Services, Inc. of Pittsboro.

Welcome to all of you!

## Recent Events...See What You Missed!

### SUMMER CONFERENCE

This year, ACEC/NC teamed up with PENC for its Summer Conference in Myrtle Beach, SC. From August 11th to 13th, ACEC/NC and PENC members attended great sessions during the day, and participated in outings and events in the evenings. On Thursday, August 11th, attendees got to sing and laugh at Crocodile Rocks, Myrtle Beach's piano bar. At dinner on Friday, August 12th, ACEC/NC was proud to see its Class of 2011 Future Leaders graduate (pictured below left). After dinner, attendees cheered on their friends, peers and children as many of them competed in "Minute to Win It" games (pictured below right). Following Saturday's sessions, staff held a "fond farewell" reception, and then it was time to prepare to head home. Everyone had a great time while soaking in important information...and hopefully soaking up some sun! We hope to see you all next year for our Summer Conference in Wrightsville Beach!



ABOVE: ACEC/NC's 2011 Future Leaders Class



ABOVE: During the "Minute to Win It" games, Environmental Committee Chair Neal McElveen celebrates his win as he manages to get three golf balls stacked just as the buzzer sounds...and the crowd went wild!

### MEMBERSHIP LUNCHEON WITH COACH BOBBY LUTZ

On September 6th, ACEC/NC members had the opportunity to hear NC State's new Assistant Basketball Coach Bobby Lutz's words of wisdom, while enjoying lunch at the RBC Center in Raleigh. Coach Lutz candidly shared stories from his past: from childhood to coaching at the high school level, and all of the factors that eventually led him to accepting an assistant coaching job at NC State. Thank you to Coach Lutz...and Go Wolfpack!



ABOVE: NC State Assistant Basketball Coach Bobby Lutz shared stories from his past.

### THE GREAT COLLABORATION

The Buildings & Infrastructure Committee's Public and Private Higher Education Design & Construction Symposium, "The Great Collaboration" was extremely successful last week, with over 200 attendees from engineering, architecture and construction firms, as well as public and private school systems. Attendees took home great information from each panel discussion that took place. Panels spoke on Designer Selection, Project Delivery, Energy and Sustainability, and Quality Assurance. Those who attended later gave rave reviews of the entire event, including the lunch, which was catered by Rick's Diner. This event really was a "Great Collaboration," with each of the Buildings & Infrastructure committee members putting in lots of time and effort to make the event a huge success.

## Committee Happenings

**Buildings & Infrastructure:** The B&I Committee enjoyed the success of the Public & Private Higher Education Design & Construction Symposium, "The Great Collaboration," on September 22nd. The event had a great turnout, and attendees had wonderful feedback to give. Thank you to everyone involved in planning and making the event a success!

**Economic Development:** The Economic Development Committee will continue delivering the ACEC/NC message to the economic development community with the committee's next meeting/conference call on October 13th. Their work plan will be to focus on letting the economic developers know who we are, that we can be a valuable resource for them and to promote the value of collaboration on matters of mutual interests such as legislation. Their target audiences include: NC Department of Commerce, NC Chamber of Commerce, Local Economic Development Commissions, Regional Economic Development Partnerships, NC Economic Development Association (NCEDA), and National Association of Industrial and Office Properties (NAIOP). Face to face presentations and on-going contacts are planned with these organizations as well coordination/collaboration with ACEC/NC legislative and environmental committees on candidates for speaking engagements. The workings of the ED committee will continue via monthly meetings/conference calls held in Raleigh and quarterly in Charlotte.

**Environmental:** The Environmental Committee will be meeting on October 6th in Stantec's Raleigh office. The guest speaker will be Ian Handley from Ros Roca Envirotec. If you haven't registered, [CLICK HERE](#) to do so!

**Federal:** Let's build stronger federal opportunities for all our member firms! The Federal Committee held its kick-off meeting on September 27th, and they are already planning for the Federal Forum, which will be held in May 2012. Please join them for the next meeting on October 25th where they will be discussing opportunities with the Federal Lands, and the Coast Guard. The meeting will be held from 1:30 to 3:00pm at the Raleigh and Charlotte offices of Atkins, and they will use video conferencing to connect everyone. See you there!

**Human Resources:** The HR Forum held a meeting on September 29th utilizing McKim & Creed's Raleigh & Charlotte locations. Stay tuned for details regarding their next meeting!

**Legislative:** Calling all ACEC/NC members! Have you considered participating in the Legislative Committee? The NC General Assembly has taken a brief break since the end of the long session back in July, but is poised to consider legislation, both this fall and in their regular session next spring that will be critically important to our engineering community. To maximize ACEC/NC's ability to influence our district Representatives and Senators, we need a strong Legislative Committee. The Legislative Committee will meet monthly in Raleigh, but all members will be welcome to join by phone. If you are interested in joining this committee, please email Tia Jones at [tjones@acecnc.org](mailto:tjones@acecnc.org).

**PR/Marketing:** The PR/Marketing Committee is currently planning November's Engineering Excellence Awards. The next meeting is scheduled for October 19th from 2-3:30pm at ACEC/NC's office in downtown Raleigh.

**Senior Leaders:** The Senior Leaders Forum met at the offices of M/A/B in Raleigh on July 12th. The new leadership was introduced (Jill Heath and Stu Matthis) and the traditional round-table discussions were held. It was mentioned that the scope of the forum is being expanded to take on "special assignments" as suggested from the Board. The next meeting will be held in Charlotte on October 11th at the offices of STV/Ralph Whitehead Associates, from 3 to 5pm.

**Small Business Forum:** For their next meeting, the Small Business Forum will be teaming up with the PR/Marketing Committee for a webinar. More details forthcoming. The SBF also plans to hold a meeting on October 27th at 3pm. Location TBA.

**Transportation:** The next Transportation Committee meeting will be held on November 14th at Stantec's Raleigh office from 3-5pm.

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## Member Firms in the News

### Dewberry

Dewberry is pleased to announce their **new hire, Marc Horstman, EI**. Marc is a water resources specialist. He is a recent graduate of North Carolina State University with a Master's degree in Biological and Agriculture Engineering.

### H.W. Lochner, Inc.

H.W. Lochner is pleased to announce that **Jeffrey Schlotter, AICP**, one of Lochner's most experienced Context Sensitive Solutions and NEPA specialists, has **relocated to their Raleigh office** from Chicago. Jeff is excited about the opportunity to serve the transportation community in NC. Please join us in welcoming him to Raleigh.

### Martin/Alexiou/Bryson, PC

Martin/Alexiou/Bryson, P.C., a Raleigh transportation planning and traffic engineering firm, has **hired Margot Spiller, EI** as an Associate. Margot is a recent graduate from the University of California at Berkeley with dual Master's degrees in Transportation Engineering and City Planning. In addition to her academic experience, she has worked as both engineering and planning interns for private consulting firms.

### McKim & Creed, PA

**Don Safrit, PE**, a senior technical specialist with the engineering, surveying and planning firm of McKim & Creed, **has been appointed chair of the North Carolina Chamber's Environment Committee**. He will lead the committee through 2012.

The Chamber is an advocacy organization dedicated to job creation and strengthening the state's ability to attract, keep and grow jobs.

The goal of the Environment Committee is to focus its work and attention on important statewide environmental issues that are vital to the success of the business community in North Carolina.

As a senior technical specialist with McKim & Creed, Safrit helps manage regulatory aspects of water/wastewater systems and the planning and implementation of water reuse systems and programs.

He has served on the N.C. Chamber's Environment Committee since December 2009, and is the current chair of the Water Reuse Committee of the N.C. American Water Works Association/Water Environment Association (NC AWWA/WEA). Safrit also serves as a

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board member of the Central Carolina Chapter of the Professional Engineers of North Carolina (PENC) and as the chair of the Public Policy Committee. He is an associate graduate faculty member at the University of North Carolina at Charlotte.

McKim & Creed is also pleased to announce that **Padmini Bertsch and Mackenzie McBride, EI, have joined the company’s Raleigh office.**

Bertsch comes to McKim & Creed as an executive assistant. She has an undergraduate degree in human resources from Baruch College and a master’s of business administration from the New York Institute of Technology. Prior to joining McKim & Creed, she most recently served as an executive assistant with Salix Pharmaceutical in Morrisville and spent prior years at SG Cowen in New York.

McBride is an engineering intern with a bachelor’s degree in civil engineering from North Carolina State University. Prior to graduation, she served as an intern with the company, and was the recipient of the McKim & Creed scholarship from the Professional Engineers of North Carolina in 2009.

**Herbert P. McKim, Jr., PE, PLS**, president and chief operating officer of McKim & Creed, has been **named a Fellow by the Professional Engineers of North Carolina (PENC)**. The award was presented on August 12th at a joint conference held by PENC and the American Council of Engineering Companies of North Carolina (ACEC/NC).

The Fellow designation recognizes “PENC members who have distinguished themselves throughout their careers through significant engineering achievements, service to PENC and service to the profession,” according to the PENC website. This year, four engineers were named PENC Fellows.

McKim co-founded the engineering, surveying and planning firm of McKim & Creed in 1978. The company has grown from a single-office structural engineering business to a multidisciplinary firm employing more than 300 people in offices throughout North Carolina, Florida and Georgia.

McKim is also a Fellow of the American Council of Engineering Companies.

### **Mulkey Engineers & Consultants**

**Carla Starr**, a principal and administrative director at Mulkey Engineers & Consultants in Cary, has been **named by the Triangle Business Journal as a Woman in Business for the class of 2011.**

The Women in Business awards program recognizes Triangle women who have proven to be dynamic and outstanding leaders with established track records of significant accomplishments in business and/or community service. The inspiration category honors women leaders who through their words, actions and attitude inspire those who work with and around them.

Starr is a graduate of the University of North Carolina at Chapel Hill and is a Smithfield, NC native. She has been employed by Mulkey since 2003.

### **Rummel, Klepper & Kahl, LLP**

RK&K’s Raleigh office is pleased to announce the **addition of Henry “Frank” Vick, PE** as Manager of Project Planning. Mr. Vick is a registered professional engineer in North Carolina and brings more than 40 years of expertise in transportation planning, project development, applications of regulations of the National Environmental Policy Act (NEPA) and the preparation of Environmental Documents within the transportation industry.

Adding proven leadership and additional depth to RK&K’s established and experienced North Carolina planning staff, Mr. Vick brings over 10-years of experience in the private engineering industry and an impressive 30-year career with the North Carolina Department of Transportation. During his career with the North Carolina Department of Transportation (NCDOT), Mr. Vick advanced to the position of manager of the Planning and Environmental Branch, where he was responsible for administration of the Department’s statewide highway project planning and development program, reviewing environmental documents, agency coordination, obtaining various environmental permits for construction, and providing project mitigation.

### **SEPI Engineering & Construction, Inc.**

SEPI Engineering & Construction is pleased to announce the recent **hiring of Tommy Register, PE, Joel Smith, PE, Matthew Copple, PE, Brian Mueller, Don Carmen, and Steven Thomas, PE.**

As transportation program manager, Tommy Register’s responsibilities will range from project management to hands-on design and document preparations, including assisting with marketing, preparing proposals and fee estimates, and performing quality control reviews of construction plans and documents. Mr. Register has almost 20 years of experience in civil engineering and planning services.

Joel Smith, PE, will serve as hydraulics engineer. He is responsible for working with the firm’s transportation department on roadway drainage projects. Mr. Smith adds 15 years of industry experience and expertise in site development, including drainage, erosion control plans, utility plans and profiles.

Matthew Copple, PE, project manager, will assist with traffic signal and roadway design projects. A native of Whalley, England, Mr. Copple brings more than 10 years of experience in civil engineering.

Brian Mueller recently joined SEPI as a senior CAD technician. Mr. Mueller will be responsible for assisting engineers in creating and modifying plans for construction projects. He will also be part of a committee that oversees the company’s drawing styles and standards.

In his position as Federal Program Manager and Quality Control Manager, Don Carmen will be responsible for ensuring the delivery of quality products and growing the SEPI Federal Sector Program. He has nearly four decades of experience in the field of civil engineering and recently retired from the US Corps of Engineers – Wilmington District as Chief of General Engineering.

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Steven Thomas, PE, joins SEPI as Chief Operating Officer. His duties will range from assisting with day to day management of the company's finances to managing major transportation projects and assisting with marketing SEPI's services. Mr. Thomas has more than 20 years of experience in the fields of bridge design, traffic operations analysis and engineering, environmental impact studies and assessments, and air and noise analysis.

### Stantec

**Michael D. Lindgren, PE** has joined Stantec in Raleigh, North Carolina as an associate and senior roadway design engineer in the transportation practice. Lindgren has a 19 year background in the design of roadway, highways, and interchanges throughout North Carolina. In addition to working in the consulting industry, Lindgren held various positions with the North Carolina Department of Transportation over a 10 year period. He obtained a Bachelor of Science degree in Civil Engineering from North Carolina State University and is a registered professional engineer.

**LaRonda Perry** has joined the firm as a marketing coordinator for the Southeast Region. Perry has eight years of experience in marketing architectural/engineering services. At Stantec, she will be responsible for preparing qualifications packages, proposals, presentation materials, reports and communications in support of marketing and business development initiatives.

**Jeanne Richter, PE**, has joined Stantec in Charlotte as design/build specialist in the transportation practice. Richter has more than 20 years experience in the design of bridges and roadways, ranging from complex interchanges to municipal roadways. She brings an extensive background in design and management of large-scale design/build roadway projects throughout North Carolina.

Richter obtained her Bachelor of Science in civil engineering from the University of Illinois, Champaign-Urbana. She is a registered professional engineer in multiple states.

### STV/Ralph Whitehead Associates

STV/Ralph Whitehead Associates is proud to announce the following **new additions**:

**Richard Odynski, PE** has joined the firm as a Design Engineer in the Charlotte office. He is a UNC Charlotte graduate with a Bachelor's Degree in Civil Engineering.

**Susan Paschal, AICP** has joined the firm as a Senior Planner in the Charlotte office. She has a Bachelor's Degree in Natural Sciences and Mathematics from Washington and Lee University and a Masters Degree from Clemson University in City and Regional Planning. Susan has 11 years of experience with emphasis in land use, transportation, and environmental planning.

### Taylor Wiseman & Taylor

Taylor Wiseman & Taylor is pleased to announce its **expansion in Regency Park**. The relocation will allow them to more efficiently serve their growing client base in the Triangle and the Greater Southeast. Their street address remains the same, but the location has changed: 3500 Regency Parkway, Suite 260, Cary, NC 27518.

### Terracon

Terracon is pleased to announce that **Andrew Nash has joined the firm** as a Senior Geotechnical Engineer in the Raleigh, NC, branch. Mr. Nash received both his Bachelor and Masters degrees from North Carolina State University. Andrew has over 10 years of experience in the geotechnical field, with an emphasis on transportation infrastructure work and design-build projects.

The Terracon Raleigh branch has also recently **taken delivery of two drill rigs**, both a truck-mounted and a rubber track-mounted rig. With this equipment, Terracon has expanded their Geotechnical capabilities to better service their clients.

### Wetherill Engineering, Inc.

Wetherill Engineering, Inc. is pleased to announce that **Tim Rountree, PE** has joined the firm to provide structural quality assurance/quality control for the firm's bridge design projects. Mr. Rountree has more than 39 years of experience related to bridge design, plans and construction. He worked for the North Carolina Department of Transportation for 30 years, including three years as the Assistant State Bridge Engineer and two and a half years as the State Bridge Engineer for North Carolina. He has worked in the private sector for the past nine years. His specific experience includes QA/QC for 30+ bridges, 14 box culverts and several noise walls for the Western Wake Freeway Design in Wake County.

### WK Dickson & Co., Inc.

Making the final 7 hour push, climbing through the dark of night, and withstanding sub-zero temperatures, we are pleased to announce that **Kraig Kern**, Director of Marketing, and **Scott Whalen**, Vice President, **successfully reached the summit of Mount Kilimanjaro** on the morning of September 2, 2011 as part of the firm's Climb for Water campaign. For the last 10 months the pair have been raising awareness and financial assistance for the water and sanitation crisis facing the developing world. They launched the Climb for Water campaign on behalf of WK Dickson back in November 2010, and all proceeds collected will benefit Water for People. Their ascent of the highest free-standing mountain in the world was designed to serve as a unique way to bring meaning to the cause. To date they have raised more than \$15,000 thanks in part to ACEC/NC member firms and individual donors from all over the country.

### The Wooten Company

**David People joins The Wooten Company**, an engineering, planning and architectural firm in North Carolina, as Project Development Associate.

In addition to his chief administrative officer duties as County Manager for Washington County, NC, Mr. Peoples developed the county's first ever 20-year economic development plan to guide the county's growth and development, secured over \$6.5 million of financing to

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support various county projects and even served as interim chief executive of the county-owned hospital. While employed at Carolina Power and Light (now Progress Energy), David progressed from manager of an administrative and support services section to the Controller of the Corporate Services Department. In addition to serving as a medical specialist in the US Army, he started and purchased, owned and operated two businesses. His background includes working with manufacturing and services industries.

### **WSP SELLS**

WSP SELLS is pleased to announce the **acquisition of WAZ Engineering, PC** by the firm. WAZ Engineering provides consulting and engineering design to public and private clients throughout the Southeast and specializes in hydraulic engineering ranging from flood studies, stormwater management and drainage design to stream and wetland restoration.

WAZ Engineering Principal Amy Wazenegger, PE, CFM will lead the WSP SELLS Water Resources Group and be based in the Cary, NC office.

Ms. Wazenegger formed WAZ Engineering in 2005 to provide hydraulic engineering services of unparalleled quality while encouraging a healthy work life for employees with an emphasis on long-term environmental sustainability. Prior to starting her own company, she worked for an international engineering firm and the NCDOT Hydraulics Unit and has more than 13 years of experience in the water resources field. She has participated in the hydrologic study and design for a variety of roadway and highway improvement projects. In addition to her work with hydraulics projects, Ms. Wazenegger has participated in the study, analysis, design, construction, and monitoring of stream restoration and mitigation projects for a variety of clients and has an in-depth knowledge and understanding of federal, state, and local environmental regulations. She is actively engaged in several professional organizations and most recently served as a board member ACEC/NC. Ms. Wazenegger is also active in community service and was an at-large representative of Wake County's Stormwater Management Task Force. She holds a Bachelor's of Science degree in Environmental Engineering from North Carolina State University, is a licensed Professional Engineer in the states of North Carolina, South Carolina and Georgia, and is a Certified Floodplain Manager.

*To submit your company's news or positions available for inclusion in the next NC REPORT, please email your news items to Karen Lee at the ACEC/NC office by **CLICKING HERE**.*