

# **Preview of the June 2018 SAME Presentation.** This presentation will be about GIS Asset Inventory and will be given by Mr. Jose Carvalho of Clark Nexsen.

The Georgia Army National Guard wants to conduct new surveys and convert the existing utilities mapping into a Geographic Information System that not only stores the accurate position of the utility but also provides unique attributes that come with each type of structure, pipe or line.

This presentation will outline the necessary actions to initiate this effort, using existing record documents, as-built drawings, and other data sources which were located and converted to digital format. The documents were georeferenced for use in field-locating existing utilities and information that could be mined off of the existing records was extracted and then migrated to the appropriate features in the database. Utilizing advanced techniques and technology, such as ground penetrating radar and CCTV, sub-surface utilities were located and collected using survey-grade RTK GPS and stored in a SDSFIE 2.6 Database.



This data was delivered to the client and ingested in to GAARNG database where intelligent decisions could now be leveraged by using this updated information, toward achieving a greater return on their investment.

## SAME Events

Look out for these wonderful events sponsored by SAME!

**Post Leaders Workshop**: (19-21 August in Bonita Springs, FL) Have you ever wanted to learn the ins and outs of how SAME posts are run? This workshop is a great opportunity to cross-feed information and network with other posts. Please visit: <u>https://www.same.org/calendar/ModuleID/6303/ItemID/2002/mctl/EventDetails</u> for more information.

**2018 South Central/south Atlantic Joint Engineer Training Symposium**: (12-14 September in Miramar Beach, FL) Details can be found at: <u>https://www.same.org/calendar/ModuleID/6303/ItemID/1996/mctl/EventDetails</u>



**Federal Small Business Conference**: (Oct 31st to Nov 2nd in New Orleans, LA) The SAME 2018 SBC promises to be the best small business event ever, and new this year, we are co-locating with the National Veterans Small Business Engagement (NVSBE)! Get the latest information on upcoming A/E/C Small Business procurement opportunities and meet teaming partners & mentors to help you succeed! Please visit: <u>http://www.samesbc.org/</u> for more information.

### And now, a Word from our President...

Hello SAME Friends;

2017 and 2018 was an exciting year for our Robins SAME Post. We worked hard as a team and achieved national recognition for our innovative efforts and all five eligible SAME ribbons were presented to us at the SAME Joint Engineer Training Conference in Kansas City. Our small post is making a difference and leading the way!

Our nationally recognized Science, Technology, Engineering, Arts, and Mathematics generated interest from:

NASA, Key University Alumni, corporate leaders, the aerospace industry and local schools. We must foster these relationships so we can inspire future generations of American innovators. Our theme of sustaining humanity through space colonization serves as an inspiration to all. This theme can be packaged in the week long explorative journey in the summer camp and segmented in each annual STEAM event. Every component of our STEAM project strives to inspire all young minds to include students who many believe they have no talent in Science, Technology, Engineering, or Mathematics, but have a love of music, drawing, painting, sculpting, writing, etc. These interests serve as our "in," our "bridge," their "seat at our STEM table." This is because all things STEM throughout the history of humanity required inspiration. These dreams are the catalyst to catapult our next technological advancements. It becomes their purpose, their mission. By leveraging relationships with NASA, Universities, and industry, we can deliver expertise for mentorship as well as financial and material resources delivering a template for the rest of the country to use.

In addition to these relationships, we can use our annual events as a prime venue for Universities to recruit from. Imagine how awesome it will be to have "talent scouts" from top notch universities and companies across the country attend with the intent of offering scholarships to deserving participants just like sports teams. Our STEAM efforts go hand in hand with recruiting. Our SAME mission from post WWI almost 100 years ago goes to preserve knowledge and professional skills for the built environment. As we recruit more engineers and technicians to our cause, we not only preserve the strategic capability in case of a national crisis, but we advance learning and professionalism.

With STEAM and recruiting, we are able to amplify our outreach. Together, we can boldly move forward serving our communities while maintaining our professional currency to network and problem solve. Our SAME Post will serve no selfish purpose but will remain dedicated to patriotism and national security. Its objectives are, in brief, to promote solidarity and co-operation between engineers in civil and military life, to disseminate technical knowledge bearing upon progress in the art of war and the application of engineering science thereto, and to preserve and maintain the best standards and traditions of the profession, all in the interests of patriotism and national security. This year we want to establish and sponsor a Middle Georgia STEAM camp. Through partnerships with nearby Posts and assistance from SAME National, we can transform this into a reality. Additionally, through the relationship with HQ Air Force Reserve Command, we were able to set up a SAME national sponsored recruiting booth. The immediate objective is to establish a mutually beneficial relationship with private sector in order to develop stronger leaders within the built environment profession. Our concept



The next Robins Post General Meeting will be held on 20 June 2018 at 11:30 am. The meeting will be held OFF BASE at the China Buffet (605 Russell Parkway, Warner Robins 31088). All are welcome.



## UPCOMING DATES FOR 2018:

**20 June:** 1130 Hours: A presentation on GIS elements will be giving by Clark Nexsen.

**18 July:** 1130 Hours: HQ AFRC will be presenting their annual Programs Overview to the Post.

**15 August:** 1130 Hours: The 78 Civil Engineer Group will be giving a Programs Overview.

**19 September:** 1130 Hours: An Emergency and Preparedness presentation is scheduled. Details coming soon.

**11 October:** Golf Tournament at the Landings. Rain Date set for 18 October. Details to come out soon.

is to recruit young licensed professionals into the Air Force Reserve. AFRC provides the leadership opportunities of people and tasks across the globe and the Air Force benefits from technical experts. Truly a win/win!

Finally, as the exceptional and dedicated SAME Robins Post members that we are, let's continue to focus on our mission, recruiting, and outreach. Thank you for all you've done and I look forward to working together to achieve greater accomplishments through this next year!

> Sincerely, Col James Hickman

### SAME MISSION

"To provide education and support to the engineering components of the military and uniformed services, and other federal, state and local government agencies responsible for the nation's infrastructure, and to advance the partnership between government and the architecture, engineering and construction industry in the interest of national security."

### SAME VISION

"To be a premier global engineering organization leading the professional and personal growth of all members in support of military readiness and development of solutions to national security challenges."

## Sustaining Member Spotlight: Clark Nexsen

### Partner. Discover. Transform.

#### Partnership

We believe partnership — with our clients, with our colleagues, and with our communities — is fundamental to the effective pursuit of transformative design. Our transdisciplinary team of planners, architects, engineers, and interior designers partners with our clients to shape ideas that transform our world.

#### Discovery

Our clients benefit from a process forged over nearly a century of design practice delivering projects that solve real problems.

Uncovering innovative solutions is the result of our iterative, collaborative process, undertaken with our clients to discover truly exceptional ideas.

#### Transformation

We believe ideas have the power to transform the world. As design professionals, it is our social responsibility to advance our communities through innovative, sustainable design. We see design as more than steel and glass; more than concrete and brick; more than lines on paper. At every intersection of every dis-

cipline we offer, our focus is on creating spaces and experiences that profoundly impact the lives of those who interact with them.

#### Our Story



When Pendleton Clark, FAIA, founded our firm in 1920, his days were spent reimagining spaces for institutional clients, and perhaps only in his dreams did he envision the firm that exists today: a fully integrated architecture and engineering firm with nearly 400 employees, 10 offices, a global reputation for excellence, and clients large and small, in markets ranging from infrastructure to K-12. Since our founding, the firm has emphasized measured growth and financial stability, strategically moving into new markets and locations to create a company our clients can rely on today and in the future.

The local point of contact for Clark Nexsen is Mr. Clint Hardie of the Macon, GA office. For more information on what Clark Nexsen can offer you, please contact Mr. Hardie at <u>chardie@clarknexsencom</u> or at (478) 743-8415.

### Presenter's Bio



Mr. Jose Carvalho, CDT, has over 30 years of experience in projects ranging in size and complexity. The project experience he has is in Industrial processing plants, Educational Facilities, K-12/ Higher Education, Medical complexes, Ambulatory Care Facilities, Commercial office and Retail spaces, Correctional Facilities, Aircraft Storage Facilities (T-hangers) and Airport Additions/renovations. In addition, Jose has extensive experience in GIS field collection of utility and non-utility assets.

He is also a certified Construction Documents Technologist (CDT), and has completed the Project Management Bootcamp Course though the Professional Services Management Journal (PSMJ).





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### SAME Robins Post Sustaining Member News

Are you with a Sustaining Member Firm? If you would like to become one, or if you are not sure of your company's registration status, please contact any of our Board Members for more information.

#### **Accepting Abstracts**

We are accepting abstracts for presentations for 2019. Let us know what presentation topics, presenters, or tour ideas would most interest you. We want to know what is important to you. Please contact Mr. Joe Ballard at: <u>ice.ballard.1(0)(s.af.mil</u> with feedback or for more information.