

**THE SOCIETY OF AMERICAN MILITARY ENGINEERS
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POST NEWSLETTER

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BURNS COOLEY DENNIS, INC.

CELEBRATES 25th ANNIVERSARY

RIDGELAND, Miss. – In 1985, Burns Cooley Dennis, Inc. (BCD) opened for business with a small office in downtown Jackson, a drill rig, a water truck and a pickup truck. This year BCD commemorates its 25th anniversary as the largest Mississippi-based geotechnical and materials engineering consulting firm with a staff of 110 employees.

"What started out twenty-five years ago on a shoe-string budget has steadily grown into a business far exceeding anyone's expectations," said BCD President David Dennis, P.E. "We are very grateful to our loyal clients and talented employees who helped get us here."

BCD provides complete geotechnical and materials consulting services, including engineering, soil borings, laboratory testing, construction observations and testing for earthwork, concrete and asphalt, and pavement studies and design. BCD is headquartered in Ridgeland and has offices in Hattiesburg, Gulfport, Memphis, Tenn. and Kenner, La.

"Throughout BCD's history, despite changes in markets and the economy, the one thing we could always count on was the loyalty of our clients," said Eddie Templeton, vice president of BCD. "We're proud of our relationships, many of which date back to our beginning, and we value the client support that has allowed us to remain successful through the years."

The firm has earned widespread recognition for its high quality, innovative and practical solutions to challenging projects. BCD received a 2009 National Honor Award from the American Council of Engineering Companies (ACEC) for its work on the U.S. 90 over St. Louis Bay Bridge project. BCD submitted with HNTB Corporation (Kansas City, Mo.), and the team received the award as one of the Top 25 projects by American engineering companies throughout the world during ACEC's annual Engineering Excellence Awards program in Washington, D.C. Since 2000, BCD has received six ACEC-Mississippi Grand Conceptor Awards and one Grand Award involving specialized and unique projects. The Grand Conceptor Award is the highest honor given on a yearly basis by ACEC-Mississippi.

For more information call 601.856.9911 or visit www.bcdgeo.com.

Stanley-Hanson Joint Venture Awarded Worldwide Airfield Contract from the U.S. Army Corps of Engineers

SPRINGFIELD, Ill. — The Stanley-Hanson Joint Venture – a collaboration between Stanley Consultants and Hanson Professional Services Inc. – recently was awarded an indefinite delivery contract for worldwide airfield and roadway design and evaluation services from the U.S. Army Corps of Engineers' (USACE) Transportation Systems Center, based in its Omaha District. This multi-year, \$9 million contract includes design and evaluation of airfield and roadway pavement, lighting, navigational aid (NAVAIDS) systems, bridges, aircraft hangars, control towers and supporting facilities.

"The combined Stanley-Hanson joint venture strengths and expertise in airfield and roadway design will assist the Transportation Systems Center in delivering effective mission-critical infrastructure to the U.S. military," said Mark Henthorn, Stanley Consultants Vice President and Federal Business Leader. "We are pleased to continue a relationship with the Omaha District that was initiated in 1942."

The USACE's Transportation Systems Center supports the U.S. Department of Defense in training, operations and mobilization. Through this contract, the Stanley-Hanson team will provide planning and design services for military airfields and roads," says Sergio "Satch" Pecori, P.E., president and CEO of Hanson Professional Services Inc.

About Stanley Consultants, Inc.

Stanley Consultants, Inc., provides program management, engineering, environmental and construction services worldwide. Since 1913, Stanley Consultants has successfully completed more than 23,000 engagements in all 50 states, U.S. territories, and in 102 countries. For more information on Stanley Consultants, please visit www.stanleyconsultants.com.

About Hanson

Founded in 1954, Hanson is a national, employee-owned consulting firm providing engineering, architecture, planning and allied services. Known for its hands-on approach to working with its clients, Hanson provides services from seven strategic markets including aviation; Department of Defense; energy and industry; government; infrastructure; railway; and telecommunications. For more information on Hanson, please visit www.hanson-inc.com.

Michael Baker Jr., Inc. Wins Grand Award in MAPPS Geospatial Excellence Awards

Orlando, FL - Michael Baker Jr., Inc. has been selected as the Grand Award winner in the 4th Annual MAPPS Geospatial Products and Services Excellence Awards competition presented November 17 in Kissimmee, FL. Baker's project, "U.S. Bureau of Census - Accurate Coordinate Datasets Collection", generated spatial ground control for 1,018 counties/municipalities, spanning 37 different U.S. States and five U.S. territories in support of the Census Bureau's MAF/TIGER Accuracy Improvement Project (MTAIP). The project spanned over four and a half years and was delivered ahead of schedule, and \$2.4 million under budgeted allocation.

"Baker was selected due to the overall size and complexity of the project, as well as the glowing

client recommendation," said Christine Grahl, editor for *POB Magazine*, Troy, Michigan, one of the judges who evaluated the submitted projects. "Baker's ability to coordinate multiple resources and overcome a multitude of challenges to deliver such a large project ahead of schedule, under budget and with a 99.6% first-time acceptance rate on deliverables is worthy of acclaim."

MAPPS awarded winners in six technical categories. Baker's Census project won in the Photogrammetry/Elevation Data Generation category. Photo Science's project, "Humboldt Bay Ecosystem Mapping" won for Airborne and Satellite Data Acquisition. Woolpert, Inc. won for "City of Columbus 2009 Impervious Surface Program" in Remote Sensing. The Sidwell Company's project,

"Improved Geospatial Cadastral Mapping with GIS Integration" was selected in GIS/IT. Kappa Mapping won the Small Projects category for "Tenant's Harbor Buoy Counting Project". And Microsoft won the award in Technology Innovation for its "UltraCam L/Lp" digital aerial camera.

"MAPPS member firms have once again demonstrated the professionalism, innovation and societal benefit that the private geospatial community provides to enhance our quality of life," said MAPPS Executive Director John Palatiello. "On a daily basis, MAPPS member firms are providing quality services, data and technology products. The Excellence Awards highlight these achievements and the professionalism MAPPS members strive to provide."

A panel of independent judges evaluated projects submitted by MAPPS members for the awards program. Joining Ms. Grahl on the panel was chairman Robert Burtch PS, CP, Ferris State University, Big Rapids, Michigan; Pamela Lawhead, associate professor at the University of Mississippi in Oxford, Mississippi; Leonard Gilroy, AICP, director of government reform at Reason Foundation, Los Angeles, CA; and Donn Dears, president of TSAugust.org, a nonprofit think tank conducting research on energy and economic issues, in Geneva, Illinois.

The awards presentation took place at the MAPPS Fall Policy Conference, held in conjunction with the Special Joint Symposium of ISPRS Technical Commission IV and AutoCarto 2010 held in association with the ASPRS/CaGIS Specialty Conference on GIS Day, November 17, 2010. The event and a reception was sponsored by Riegl USA, a MAPPS member firm, at the Kissimmee Airport, Orlando, FL.

About MAPPS

Formed in 1982, MAPPS is the only national association exclusively comprised of private firms in the remote sensing, spatial data and geographic information systems field in the United States. The MAPPS membership spans the entire spectrum of the geospatial community, including Member Firms engaged in satellite and airborne remote sensing, surveying, photogrammetry, aerial photography, LIDAR, hydrography, bathymetry, charting, aerial and satellite image processing, GPS, and GIS data collection and conversion services. MAPPS also includes Associate Member Firms, which are companies that provide hardware, software, products and services to the geospatial profession in the United States and other firms from around the world. Independent Consultant Members are sole proprietors engaged in consulting in or to the geospatial profession, or provides a consulting service of interest to the geospatial profession.

For more information on MAPPS, please visit www.MAPPS.org.

Corporate Membership

Sustaining members are asked to verify that they are making full use of their corporate membership. Each Sustaining Membership entitles your firm to designate five representatives. These representatives will receive the magazine, newsletter, and all other benefits that our individual members receive.

Sustaining Firms

You are invited to submit articles on projects of interest that you have either completed or are working on for publication in this newsletter. This will help keep everyone informed about the types of projects going on in the Vicksburg Post. Also we are looking for Sustaining Firms to serve as A-E Hosts at upcoming meetings.

Please contact Jimmy Nelson (jnelson@allenhoshall.com or 601-977-8993) or Ashlyn Graves (agraves@evans-graves.com or 504-836-5151).

What better way to showcase your firm than to serve as A-E Host at an SAME meeting?

Young Members

We encourage young members and potential young members to attend meetings and join SAME. Please contact Jill Jackson, Vicksburg Post Junior Vice-President, about our programs geared toward young members. 601-634-3417 or Jill.M.Jackson@erdc.usace.army.mil.

Vicksburg Post Website is www.samevicksburg.org

2010 Meetings Summary

January – Susan Bailey spoke on “Engineering Marsh Creation: Modeling to Assess Dredged Material Needs”. A-E Host was Burns Cooley Dennis, Inc.

February – Joint Meeting with IEEE, ASCE, MES, ASME, ANS, and SWE to celebrate E-Week. Dr. Lori Bruce spoke on the topic of “Portrait of an Engineer: What does it mean to be a 21st century engineer?”

March – Dr. Daniel Wong spoke about Engineering Ethics. A-E Host for the meeting was North Wind, Inc.

April – MG Michael Walsh, Commander, Mississippi Valley Division spoke about America’s Watershed – A 200-Year Vision. The A-E host for the meeting was Stanley Consultants.

May – Dr. Allen Behring, PhD, PE spoke on the Gulf Intracoastal Waterway West Closure Complex Pump Station in New Orleans, LA – Considered the World’s Largest Pump Station. A-E Host was ABMB.

June – COL Gregory Gunter gave a June 2011 Update. The A-E Host for the meeting was Michael Baker Jr., Inc.

July – Jimmy Waddle, Camp Director, gave an overview of this year’s SAME/ARMY Engineering & Construction Camp. The A-E Host for the meeting was TetraTech/INCA.

August – Dwain Wood, First-Yates Construction Company, spoke about the Environmental Lab construction and the LEED Certification for the building. The A-E Host was Terracon.

September - Craig Johnson, P.E., F. SAME, spoke about the military ‘buildup’ in Guam and the politics that are involved. The A-E Host was QRI.

October – Golf Tournament

November – Christopher Griggs spoke a Modified Biopolymers as an Alternative to Petroleum-based Polymers for Soil Modification. The A-E Host was QRI.

December – Mike Renacker, MVK, spoke about the Lower MS River Museum and Interpretive Center. The A-E Host was Allen-Hoshall.

New Programs

If anyone has suggestions for a program you would like to see in the upcoming year, contact Scott Waisner Scott.A.Waisner@usace.army.mil

Good informative programs make successful meetings. We need your ideas!

Upcoming Events Meeting Dates:

Jan 25

Feb - E-week

Mar 22

Apr 26

May 24

June 12-18 Engineering & Construction Camp

Jun 28

Jul 26

Aug 23

Sep 27

Oct - Golf Tourney

Nov 15 (3rd Tues)

Dec 13 (2nd Tues)