

The Voice

JULY/AUGUST 2006

Voice

ACEC
AMERICAN COUNCIL OF ENGINEERING
COMPANIES OF TENNESSEE

THE VOICE OF TENNESSEE'S ENGINEERING COMPANIES

ACEC OF TENNESSEE PARTNERS

These companies provide Tennessee engineering firms with products and services and support the activities of ACEC of Tennessee through participation in the Partners Program. Additional information about these Partner Program participants is available at www.acectn.org.

American Water Works Association

Architectural Wall Solutions

Crow Friedman Group, LLC

ISCO Industries, LLC

Jacobs Sverdrup

Lellyett & Rogers Company

ModernTech

Sherman-Dixie Concrete Industries

Tennessee Concrete Association

The Crom Corporation

Thomas & Betts Corporation

United Structural Systems, Inc.

Water & Waste Equipment, Inc.

Tennessee's General Aviation Airports: A Crucial Role in Economic Development

by Tom Burgess P.E.
Chief Engineer, Aeronautics Division
Tennessee Department of Transportation

The Tennessee Aeronautics Division (TAD) of the Department of Transportation provides technical assistance to the 82 public use airports within the Tennessee airport system. System airports might range from a 2,200-foot grass strip for gliders in Eagleville to the world's largest cargo airport in Memphis, but the vast majority of our airports are the General Aviation



Tom Burgess

(GA) facilities that provide convenient accessibility to rural communities for industry. GA airports look like little 4,000 to 5,000 foot strips of pavement out in the country, but in almost every case they provide a crucial link between jobs and a better way of life.

TAD provides a wide range of services to local governments, airport authorities and local airport managers for capital project development and facility improvements at airports. Projects range in size from the installation of a windsock at a turf landing strip to the 6,000-foot runway and airport that just opened in May at Beech River between Parsons and Lexington.

Newest Airport

Designed to replace two West Tennessee airports that had safety design issues that

could not be economically corrected, the Beech River project was a \$15.5 million cooperative effort between FAA, the State of Tennessee and the four local governments (Parsons, Lexington, and Henderson and Decatur Counties) that formed the Beech River Airport Authority. Beech River is the first all-new airport in Tennessee since John C. Tune Airport in Nashville was opened in 1987. It is also remarkable in that it is the only full depth concrete GA runway to be constructed in Tennessee since WW II.

Funding

In October of 1997, Tennessee became one of eight states in the nation selected to participate in the FAA State Block Grant Program. As a participant in the Block Grant Program, TAD is responsible for deciding the distribution of federal funds for improvement projects at general aviation and non-primary commercial service airports. Participating in the State Block Grant program requires TAD to take over some responsibilities previously held by the FAA Memphis Airports District office. TAD is responsible for determining the level of environmental analysis required for airport projects and making formal determinations for environmental assessments. As an FAA Block Grant State, TAD also approves master plans and monitors airport sponsors' compliance with federal grant assurances. In FY 2006, Tennessee received \$17.5 million in FAA Block Grants.

(continued on page 2)

Building on Past Success to Achieve Our Goals

by Bill Johnson, P.E.
President, ACEC of Tennessee

Before we move forward, I want to thank James Collins for all of the work that he performed as last year's president of ACEC of Tennessee. With his leadership, last year was a year in which many of the goals of the ACEC long-range plan were accomplished. The partnership between ACEC of Tennessee and the Tennessee Society of Professional Engineers continued to grow, as both groups worked together to better the profession. We also continued to work with ACEC on a national level to help bring in funding for infrastructure projects that help our local communities meet the needs of their constituents.



Bill Johnson

The challenge in 2006-2007 will be to continue with the successes of this past year and to move forward in meeting the new long-range goals outlined by the ACEC Board of Directors during its May meeting. The goals set forth by the board are to:

1. Develop a better working relationship with the State Architects' and Engineers' Board,

2. Work to better the business practices of engineering, and

3. Implement a plan to let people know who engineers are.

We jump started the year during the annual meeting with a successful PAC auction. However, it is only through strong participation of our membership on the various committees that we will be able to continue to meet the challenges ahead.

Goal number three will be a key to the future of not only our businesses, but also to the communities we serve. Our country is not producing the number of engineers and scientists required to meet our future needs. It is the responsibility of all of us to develop a program to identify, train and retain Professional Engineers to meet the need. This means getting kids interested in math and science. It means getting kids interested in designing and creating new things and putting in place the programs to educate them so that they pursue those efforts.

While the challenges are great, with the work of all our members, we will reach those goals. I look forward to working with all who volunteer to make the coming year another successful year.

Board of Directors

President
Bill Johnson, PE
ARCADIS, Chattanooga

President-Elect
James Morinec, PE
CTE|AECOM, Nashville

First Vice President
Lillard Teasley, PE
Teasley Services Group,
Nashville

Second Vice President
Ed Hargraves, PE
Askew, Hargraves,
Harcourt & Associates,
Lakeland

Secretary
Steve Bostic, PE
Lamar Dunn & Associates,
Knoxville

Treasurer
Susan Thrasher, PE
Parsons Brinckerhoff,
Nashville

Past President
James Collins, PE
Kimley-Horn & Associates,
Memphis

National Director to ACEC
Mark Askew, PE
Askew, Hargraves,
Harcourt & Associates,
Lakeland

Director at Large
Harold Cannon, PE
Cannon & Cannon,
Knoxville

Chattanooga Chapter President
Mark Harrison, PE, PG
S & M E, Chattanooga

East TN Chapter President
John Kenny, PE
Facility Systems
Consultants, Inc.,
Knoxville

Memphis Chapter President
John Perry, PE
Kimley-Horn & Associates,
Memphis

Nashville Chapter President
Jerry Stump, PE
Wilbur Smith Associates,
Nashville

ACEC Staff
Candy Toler,
Executive Director

General Aviation Airports *(continued from page 1)*

Tennessee Airports also receive funding assistance through the Tennessee Equity Fund that is entirely supported by the 4½% aviation fuels tax. In FY 2006, this fund provided \$32 million in user-sourced money for airport programs, development, and maintenance. The money in the Tennessee equity fund is allocated 50% for the five air carrier airports, 40% for general aviation, and 10% for discretionary projects and statewide programs.

The lion's share of Tennessee's Block Grant and Equity Fund monies will go to needed runway extensions and safety-related projects. Major construction projects slated for this year include runway extensions at Camden, Lafayette, and New Tazewell. John C. Tune and Gatlinburg-Pigeon Forge will have grading work to improve landing approaches and safety areas. A wrinkle in recent federal appropriations allows for a portion of the Block Grant to be used for

revenue producing projects so several airports will be building new hangars or fuel farms.

The Tennessee Aeronautics Commission is TAD's advisory board, which is comprised of five governor-appointed commissioners representing the various aviation-related interests from across the state. The five members currently serving are Chairman Fred Dettwiller (Nashville), Vice-Chair Lonnie Strunk (Knoxville), Secretary Belinda Anderson (Memphis), Larry Mullins (Morristown), and Ronald Cooper (Union City). This Commission meets bi-monthly in the Division's Headquarters at the Nashville International Airport.

Note: The Tennessee Airports Conference will be held August 17-18 at the Nashville Airport Marriott. The keynote speaker will be retired astronaut Robert (Hoot) Gibson. For information on the Airports Conference, call 615-741-3208 and Peggy will be glad to help you.

Annual Meeting Moments



New Officers: After they were sworn into office, the 2006-2007 officers gathered for an "official" group photo. Left to right are Memphis Chapter President John Perry, Second Vice President Ed Hargraves, Secretary Steve Bostic, President Bill Johnson, and Immediate Past President James



Hal Balthrop, Metro Water Services Department, was an extraordinary auctioneer, frequently modeling and demonstrating the items on the auction



On the green at the Tennessee Engineering Foundation Golf Tournament are Wilbur Smith Associates' employees Jerry Stump and Tournament Chair Brad Thompson whose foursome included David Parker, City of Franklin, and Randy Button, Tennessee Democratic Committee.



Crow Friedman Group was recognized at the annual meeting by both associations for its long-standing support. Pictured (left to right) James Collins, Immediate Past President of ACEC of Tennessee; John Crow; Don Friedman; and Claire Barnett, Chair of the TSPE Awards Committee.



After the PAC auction, it was time to pay for the items purchased. Diane and Mack McCarley (Qore), official event treasurers, accept payments from John Modzelewski (Tetra Tech) and John Ventura (Christian Brothers University).

PAC Contributors

Thank you to the following individuals who contributed to the Tennessee Professional Engineers PAC during the period of July 1, 2005 to June 30, 2006.

Mark Askew, PE (Askew Hargraves Harcourt, & Assoc, Lakeland)
 Hal Balthrop, PE (Metro Nashville Water Services)
 Claire Barnett, PE (EnSafe, Memphis)
 Nicole Beal (ACEC of Tennessee, Nashville)
 Steve Bostic, PE (Lamar Dunn & Associates, Knoxville)
 Tina Brown (Adventure Science Center, Nashville)
 Dave Buck, PE (Continental Aerial Surveys, Alcoa)
 Robert A. Callaway (Pennoni)
 Bob Campbell, PE (Robert G. Campbell & Assoc, Knoxville)
 Robert Campbell, PE (Robert G. Campbell & Assoc, Knoxville)
 Joe Carson, PE (US Department of Energy, Knoxville)
 Harry Clark, PE (Jacobs Sverdrup, Marshall Space Flight Center)

James Collins, PE (Kimley-Horn & Associates, Memphis)
 Randy Corlew, PE (Wilbur Smith Associates, Knoxville)
 John Crow (Crow Friedman Group, Memphis)
 Everett Cowan, PE (Gresham Smith & Partners, Nashville)
 David Delizza (Pennoni)
 Jim Curry, PE (TN Dept of Finance & Administration, Nashville)
 Lamar Dunn, PE (Lamar Dunn & Associates, Knoxville)
 Marshall Elizer, PE (Gresham Smith & Partners)
 Don Friedman, PE (Crow Friedman Group, Nashville)
 Jamie Gillespie, PE (James + Associates, Nashville)
 David Harrell, PE (Vaughn & Melton, Knoxville)
 John Hensley, PE (Arcadis, Chattanooga)
 Darrell James, PE (James + Associates, Nashville)
 Bill Johnson, PE (Arcadis, Chattanooga)
 Sabina & Todd Kemp, PE (Palmer Engineering Company, Nashville)
 John Kenny, PE (Facility Systems Consultants, Knoxville)
 Sandra Knight, PE (Bradley County Engineer)

Steve Lane, PE (Smith Seckman Reid, Nashville)
 Jim Littlejohn, PE (Littlejohn Engineering Associates, Nashville)
 Mack McCarley, PE (Qore, Chattanooga)
 John Modzelewski, PE (Tetra Tech, Memphis)
 Tom Needham, PE (SSR Ellers, Memphis)
 Carlton Norris, PE (Arcadis, Chattanooga)
 Garland Rose, PE (Barge Waggoner Sumner & Cannon, Nashville)
 Mike Stomer, PG (S&ME, Knoxville)
 Jerry Stump, PE (Wilbur Smith Associates, Nashville)
 J. Michael Sullivan, PE (Gresham Smith & Partners, Nashville)
 Lillard Teasley, PE (Teasley Services Group, Nashville)
 Susan Thrasher, PE (Parsons Brinckerhoff, Nashville)
 Candy Toler (ACEC of Tennessee, Nashville)
 Gary Tysinger, PE (Tysinger Hampton & Partners, Johnson City)
 John Ventura, PE (Christian Brothers University, Memphis)
 Lewis Wood, PE (ret, Allan & Hoshall, Memphis)

CALENDAR

JULY 17

Tennessee Engineering Foundation Trustees Meeting
 Tennessee Engineering Center
 12 noon, Nashville
 Information:
 rbcox@bellsouth.net

JULY 20

Consulting Engineers of Memphis Annual Meeting
 6:30 p.m., Racquet Club of Memphis
 Information:
 john.perry@kimley-horn.com

JULY 24

Nashville Chapter Board Meeting
 Tennessee Engineering Center
 7:30 a.m., Nashville

AUGUST 8

Environment Committee Meeting
 1:30 p.m., Nashville

SEPTEMBER 18 - 21

ACEC Fall Conference
 Charleston, SC

MEMBER NEWS

Charles A. Goforth, Paula E. Harris, and Buddy Petty, PE, have been elected to the Board of Directors of Barge Waggoner Sumner & Cannon (BWSC). Goforth is Vice President and Memphis Office Manager for the firm. Harris is Vice President and Support Unit Manager for Corporate Business Development at BWSC. Petty is Vice President and Manager of the Civil Operating Unit for the firm's Central Region.

ACEC

AMERICAN COUNCIL OF ENGINEERING COMPANIES
of Tennessee

Tennessee Engineering Center
800 Fort Negley Boulevard
Nashville, TN 37203

Return Service Requested

PRESORTED
STANDARD
U.S. POSTAGE PAID
Nashville, TN
Permit No. 1078

INSIDE

- Tennessee's General Aviation Airports – page 1
- Message from President Bill Johnson – page 2
- Photos from Annual Meeting – page 3

WELCOME, NEW MEMBER

Brown and Caldwell
501 Great Circle Road,
Suite 150
Nashville, TN 37228
615-255-2288
Email:
rash@brwncald.com

Principals:
Robert E. Ash IV
Jeffrey L. Pintenich

Brown and Caldwell is an environmental engineering and consulting firm that consistently is ranked by *Engineering News Record* in the top 10 “all-environmental” firms. The firm has 45 offices in the U.S. and employs 42 people in Tennessee.

FROM THE EXECUTIVE DIRECTOR

Recognition – & Applause – for Contributions

by Candy Toler
Executive Director, ACEC of Tennessee

The 2006 ACEC/TSPE Annual Meeting is behind us and Bill Johnson has taken the reins of ACEC of Tennessee. The new officers were installed, those who made significant contributions to the work of the association were recognized, the professional development seminars were well received, the weather was perfect for the golf tournament, and we raised over \$10,000 for the state engineers' PAC. Not bad for a two-day meeting! The members of the 2006-07 Board are listed on page 2 of this newsletter.



Candy Toler

James Collins, now Immediate Past President of ACEC of Tennessee, recognized the contributions made by the following ACEC members:

- Jerry Stump, PE (Wilbur Smith Associates, Nashville), for his service at the national level as ACEC Vice President and Chair of the Transportation Committee and his leadership in raising money for the national ACEC PAC;

- Susan Thrasher, PE (Parsons Brinckerhoff, Nashville), and Joe Chester, PE (now with URS, Franklin), for their leadership of ACEC of Tennessee's Engineering Excellence Awards program;

- James Morinec, PE (CTE|AECOM, Nashville), for his service as Chair of ACEC of Tennessee's Transportation Partnering Committee;

- Greg Davenport, PE (J. R. Wauford & Company, Nashville), for his service as Chair of ACEC of Tennessee's Environment Committee; and

- Harry Clark, PE (Immediate Past President of TSPE and Site Manager of the Jacobs Sverdrup Test Operations Contract at Marshall Space Flight Center), in appreciation of his effort to foster the relationship with the Tennessee Society of Professional Engineers.

We also recognized the role Nicole Beal has played for the last year and a half as the Office and Member Services Manager, as well as event planner. Nicole has accepted a job in Atlanta.

There was something for everyone at the Annual Meeting this year and we hope you will make plans to attend next year. It's not too early to put it on your calendar . . . June 7-8, 2007, in Franklin!