About the Conference

Auburn’s Civil Engineering Department and the Program Committee have designed the Fifty-First Annual Transportation Conference for federal and state highway personnel, road building contractors, general contractors, heavy construction contractors, utility contractors, county engineers, consulting engineers, construction material vendors, researchers, professional society representatives, and university faculty members. It provides an opportunity for these individuals to share innovative advances in transportation planning, engineering design, and construction.

The conference presents technical presentations to provide a forum for the exchange of ideas within the highway engineering and construction professions. The sponsorship of the annual conference is indicative of the broad cross-section of interest in the programs of this two-day continuing education event.

Location and Schedule

The conference will be held at the Auburn University Hotel and Conference Center, located at 241 South College Street, Auburn, Alabama.

Final registration and check-in will be held from 8:00 a.m. to 10:00 a.m. in the Main Lobby on Wednesday, February 20, 2008. The Opening General Session begins at 10:00 a.m. in the Main Auditorium. The conference will adjourn Thursday afternoon, February 21, 2008.

Registration and Fee

All persons attending the conference must register. The registration fee of $115 includes all sessions, program materials, refreshment breaks, and luncheons. Additional luncheon tickets are available at the registration desk. Student and ALDOT RETIREES registration will be $25.

To register, please complete the attached registration form and return it to the address indicated, or call us at (800) 446-0382, (334) 844-4370, or FAX (334) 844-5715. On-line registration is available at www.engce.auburn.edu.

Accommodations

Participants are responsible for making their own lodging arrangements. Area accommodations are listed elsewhere in this brochure.
Cancellation Policy

Due to commitments to our speakers and facilities, the registration fee is not refundable if a registrant withdraws less than five business days before the program. Substitutions may be made at any time, please notify us in advance if possible. No-shows will be liable for the entire course fee.

Auburn University reserves the right to cancel any program due to insufficient registrations. This decision is usually made no later than five business days prior to the event. If a program is canceled for any reason, all fees will be refunded. Auburn University will not be responsible for travel expenses incurred by a registrant as the result of a canceled program.

Continuing Education

Participants in this conference will be able to attend up to nine (9) hours of technical programs. Auburn University makes every effort to ensure that its technical programs conform to the requirements of the State of Alabama Board of Licensure for Professional Engineers and Land Surveyors for the award of Professional Development Hours to support the annual renewal of professional registration.

Participants with Disabilities

It is the policy of Auburn University to provide accessibility to its programs and reasonable accommodations for persons defined as having disabilities under the Americans with Disabilities Act of 1990. Please contact us at least two weeks prior to the program so that proper consideration can be given to any special needs.

Area Accommodations include:

Auburn University Hotel and Conference Center
241 South College St. — 334.821.8200

Holiday Inn Express
2013 South College St. — 334.502.1090

Hilton Garden Inn
Hilton Garden Dr. — 334.502-3500

Program Committee

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<th>Alabama Department of Transportation (ALDOT)</th>
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Auburn University:

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Federal Highway Administration

Mark Bartlett and Robert King, Montgomery, Alabama

Alabama Road Builders Association

Billy Norrell, Montgomery, Alabama

Alabama Asphalt Pavement Association

Mel Monk, Montgomery, Alabama

Alabama Concrete Industries Association

John Sorrell, Montgomery, Alabama

Association of County Engineers of Alabama

Richie Beyer, Wetumpka, Alabama

Institute of Transportation Engineers, Alabama Section

Chris Reeves, Hoover, Alabama

American Concrete Pavement Association, Southeast Chapter

Robert Taylor, Montgomery, Alabama

American Council of Engineering Companies of Alabama

Renee Casillas, Montgomery, Alabama

Bridge Construction Association of Alabama

Fred Crawford, Montgomery, Alabama

Alabama Concrete Pipe Association

Alabama Section, ASCE

Bill Carwile, Montgomery, Alabama

2008 Conference Outline

Wednesday, February 20, 2008

8:00 am  Registration—Main Lobby

10:00 am  Opening General Session—Main Auditorium

Presiding:  Dr. Frazier Parker, Department of Civil Engineering, Auburn University

Opening Remarks

Mr. Don Vaughn, Chief Engineer/Deputy Director, Alabama Department of Transportation, Montgomery, AL

Alabama Infrastructure Commission

Mr. George Clark, President, Manufacture Alabama, Montgomery, AL

Transportation Issues Related to Industry Recruitment

Ms. Linda Swann, Assistant Director, Alabama Development Office, Montgomery, AL

12:00 noon  Dean’s Luncheon—Ballroom A

Presiding:  Dr. Larry Benefield, Dean, Samuel Ginn College of Engineering, Auburn University

Auburn University-A Perspective

Dr. Jay Gogue, President

Auburn University

1:30 pm  Concurrent Technical Sessions

3:00 pm  Break

3:30 pm  Concurrent Technical Sessions

5:00 pm  Adjourn

Thursday, February 21, 2008

8:30 am  Concurrent Technical Sessions

10:00 am  Break

10:30 am  Concurrent Technical Sessions

12:00 noon  Civil Engineering Department Head’s Luncheon—Ballroom A

Presiding:  Dr. J Michael Stallings, Head Department of Civil Engineering Auburn University

Ivorybill Hunters: The Search for Proof in a Flooded Wilderness

Dr. Geoffrey Hill, Scharnagel Professor of Biological Sciences, Auburn University

1:30 pm  Adjourn
Technical Sessions—Wednesday, February 20, 2008

1:30 to 3:00 p.m.

Construction

Meeting Room: Main Auditorium

Presiding: Terry McDuffie, Construction Engineer, ALDOT, Montgomery, AL

1:30 p.m. Comparison of Contractor and DOT Performance Tests for HMA QA
Frazier Parker, Department of Civil Engineering, Auburn University

2:00 p.m. Evaluation of Hot Mix Asphalt Remixing Devices
Jeff Benefield, Construction Bureau, ALDOT, Montgomery, AL

2:30 p.m. Contractor Perspectives on Liability Issues
Tim Mullendore, Past President, Alabama Road Builders Association, Montgomery, AL

Work Zones

Meeting Room: Ballroom B

Presiding: Chris Reeves, Asst City Engineer, City of Hoover and President, Alabama Section, Institute of Transportation Engineers

1:30 p.m. Traffic Management after the Bridge Collapse on I-35 W
James Kranig, Minnesota DOT, Roseville, MN

2:00 p.m. Overview of Night Work: Safety Issues
Jerry Ullman, Texas Transportation Institute, Texas A&M, University College Station, TX

2:30 p.m. Work Zone Traffic Control Handbook of Alabama Power
Arthur W Agee, Jr. Alabama Power Company, Birmingham, AL

Roadway and Roadside Design – Standards and Function

Meeting Room: Main Auditorium

Presiding: William Adams, Design Engineer, ALDOT Montgomery, AL

3:30 p.m. A Marking Performance Review: Standards and Function
Timothy C. Taylor, Maintenance Bureau, ALDOT, Montgomery, AL.

4:00 p.m. Proposed Updates to NCHRP 350 Requirements and the Potential Impacts
Kenneth S. Opiela, Federal Highway Administration, Washington, D.C.

4:30 p.m. Erosion and Sediment Control for Highway Construction
Billy J. Barfield, Emeritus Professor, University of Kentucky and Oklahoma State University, Senior Engineer - Woolpert, Inc.

Asphalt Pavements

Moderator: Mel Monk, Executive Director, Alabama Asphalt Pavement Association

3:30 p.m. Development of a RAP Characterization Process for Alabama
Andrea Kvasnak, National Center for Asphalt Technology, Auburn University

4:00 p.m. The History of Superpave Design Gyration Criteria in Alabama
Randy Mountcastle, Materials and Tests Bureau, ALDOT, Montgomery, AL

4:30 p.m. Warm Mix Asphalt - The European Experience
Brian Prowell, Advanced Materials Services, Auburn, AL

3:30 to 5:00 p.m.

Technical Sessions—Thursday

8:30 to 10:00 a.m.

Transportation Finance

Meeting Room: Main Auditorium

Presiding: Bill Carwile, ARCADIS and President, Alabama Section, ASCE, Montgomery, AL

8:30 a.m. Creative Financing
Jim Hatter, Federal Highway Administration, Atlanta GA

9:00 a.m. Transportation Finance
Dan Guimond, Georgia Department of Transportation Atlanta, GA

9:30 a.m. Alternative Financing Sources for Alabama Highways
Johnnie C. Waid, Department of Civil Engineering, Auburn University

ALDOT Projects

Meeting Room: Ballroom B

Presiding: Ronnie Baldwin, Office Engineer, ALDOT, Montgomery, AL

8:30 a.m. I-65 Montgomery: Additional Lanes and Bridge Widening
Claude Nichols, Temple Millsap and Michael Neal, Brasfield & Gorrie, Birmingham, AL

9:00 a.m. The Benefits of Soil Cement for Projects in Alabama
Robert J. Taylor, American Concrete Pavement Association, Montgomery, AL

9:30 a.m. Anniston Eastern Bypass: Construction with Erosion Control
Stephen Wright, Wright Brothers Construction Company, Charleston, TN
CAREER NIGHT 2008

The Auburn University ASCE Student Chapter will be hosting a Career Night at the AU Conference Center on Tuesday evening February 19, 2008. The Career Night provides an excellent opportunity for students to talk with representatives of Civil Engineering firms about various job specialties. The represented companies will have the chance to meet a diverse group of soon-to-graduate Civil Engineering students with interest in Transportation, Geotechnical, Environmental, Structural, Construction, Hydraulics/Hydrology and Pavements/Materials.

We ask from participating companies a donation of $325 to help fund our chapter’s involvement in the upcoming ASCE Southeastern Conference. The conference promotes competition between universities in events such as the concrete canoe, concrete frisbee, steel bridge, technical paper, transportation, geotechnical, and environmental, just to name a few.
Due to limited space, booths will be assigned on a first come basis. War Eagle!

Contact:
Anna Gautney
Department of Civil Engineering
aee0004@auburn.edu
334.844.4320

PARKING

Attention conference participants. When attending the conference please remember DO NOT PARK at “THE COMMONS APARTMENT BUILDING” which is next door to the conference center. IF YOU DO YOUR VEHICLE WILL BE TOWED AT YOUR EXPENSE.

We have made arrangements with the university for you to park on campus IN ANY LEGAL PARKING SPACE. There are several places you may not park and they are (1). ANY PARKING SPACE WITH A RESERVED SIGN, (2). FIRE LANES, and (3). YELLOW CURBS.

Auburn University has a new parking deck next to Jordan-Hare stadium which is located at the corner of Roosevelt and Duncan Drives. A new Auburn University parking lot is located on South Gay Street next door to Northcutt Realty where Hardee’s Restaurant was located. We will post a map at our website that may be printed with directions.